Appendix C:
Air Quality and GHG, and Energy Supporting Information

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C.1 - CalEEMod Output Files

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CONSTRUTION

PHASE 1 -ANNUAL
PHASE 1 - SUMMER
PHASE 1 - WINTER

CONSTRUTION

PHASE 2 -ANNUAL
PHASE 2 - SUMMER
PHASE 2 - WINTER

CONSTRUTION

PHASE 3 -ANNUAL
PHASE 3 - SUMMER
PHASE 3 - WINTER

OPERATIONS - FULL BUILD OUT(2029)

ANNUAL
SUMMER
WINTER

OPERATIONS - 2030

ANNUAL

The Ranch Construction Phase 1

Contra Costa County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	14.81	1000sqft	3.00	14,810.00	0
Other Asphalt Surfaces	22.23	Acre	22.23	968,338.80	0
Other Non-Asphalt Surfaces	0.83	Acre	0.83	36,154.80	0
City Park	6.38	Acre	6.38	277,912.80	0
Single Family Housing	421.00	Dwelling Unit	91.01	1,177,600.00	1356
Strip Mall	54.00	1000sqft	1.24	54,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	491.65	**CH4 Intensity (lb/MWhr)**	0.022	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Adjusted for Renewable Portfolio Standard (RPS)

Land Use - Based on The Ranch at Antioch Development Standards & Design Guidelines 07.2019 (Carlson Barbee & Gibson, Inc.) and The Ranch TIA 12.2019 (Fehr & Peers); Government Office Building = "Fire Station" Other Non-asphalt surfaces=Landscape

Construction Phase - Demolition duration based on less than 1 acre site; Construction phases were adjusted (by ratio) to accomodate project phasing schedule; It is assumed that homes would be built in batches.

Off-road Equipment - Based on 8 hour work day

Off-road Equipment - Based on 8 hour work day

Off-road Equipment -

Trips and VMT -

Demolition - Assumed demolition of 3,500 SF

Grading - Phase 1: 138 acres graded

Architectural Coating -

Vehicle Trips -

Woodstoves -

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Land Use Change -

Construction Off-road Equipment Mitigation - Compliance with BAAQMD Best Management Practices threshold for fugitive dust; recommended measures from BAAQMD's Construction Mitigation Measures for all proposed projects.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Parking	60,270.00	45,111.00
tblAreaCoating	Area_Parking	60270	45111
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	220.00	37.00
tblConstructionPhase	NumDays	3,100.00	527.00
tblConstructionPhase	NumDays	200.00	10.00
tblConstructionPhase	NumDays	310.00	53.00
tblConstructionPhase	NumDays	220.00	37.00
tblConstructionPhase	NumDays	120.00	20.00
tblGrading	AcresOfGrading	132.50	138.00
tblLandUse	LandUseSquareFeet	757,800.00	1,177,600.00
tblLandUse	LotAcreage	0.34	3.00
tblLandUse	LotAcreage	136.69	91.01
tblLandUse	Population	1,204.00	1,356.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	641.35	491.65
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblTripsAndVMT	VendorTripNumber	266.00	225.00
tblTripsAndVMT	WorkerTripNumber	712.00	606.00
tblTripsAndVMT	WorkerTripNumber	142.00	121.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.3004	3.0302	2.2236	6.1200e-003	0.6007	0.1125	0.7131	0.2455	0.1041	0.3496	0.0000	553.1309	553.1309	0.0902	0.0000	555.3868
2022	0.5519	5.1883	4.6447	0.0172	0.8172	0.1222	0.9394	0.2218	0.1149	0.3367	0.0000	1,580.8457	1,580.8457	0.1232	0.0000	1,583.9256
2023	9.2657	3.7125	3.9303	0.0142	0.6800	0.0951	0.7751	0.1845	0.0892	0.2737	0.0000	1,303.0946	1,303.0946	0.1061	0.0000	1,305.7476
Maximum	**9.2657**	**5.1883**	**4.6447**	**0.0172**	**0.8172**	**0.1222**	**0.9394**	**0.2455**	**0.1149**	**0.3496**	**0.0000**	**1,580.8457**	**1,580.8457**	**0.1232**	**0.0000**	**1,583.9256**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.3004	3.0302	2.2236	6.1200e-003	0.3723	0.1125	0.4848	0.1382	0.1041	0.2423	0.0000	553.1306	553.1306	0.0902	0.0000	555.3865
2022	0.5519	5.1883	4.6447	0.0172	0.8172	0.1222	0.9394	0.2218	0.1149	0.3367	0.0000	1,580.8453	1,580.8453	0.1232	0.0000	1,583.9252
2023	9.2657	3.7125	3.9303	0.0142	0.6800	0.0951	0.7751	0.1845	0.0892	0.2737	0.0000	1,303.0942	1,303.0942	0.1061	0.0000	1,305.7472
Maximum	**9.2657**	**5.1883**	**4.6447**	**0.0172**	**0.8172**	**0.1222**	**0.9394**	**0.2218**	**0.1149**	**0.3367**	**0.0000**	**1,580.8453**	**1,580.8453**	**0.1232**	**0.0000**	**1,583.9252**

The Ranch Construction Phase 1 - Contra Costa County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**10.88**	**0.00**	**9.41**	**16.47**	**0.00**	**11.18**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**6-21-2021**	**9-20-2021**	1.5368	1.5368
2	**9-21-2021**	**12-20-2021**	1.5885	1.5885
3	**12-21-2021**	**3-20-2022**	1.4431	1.4431
4	**3-21-2022**	**6-20-2022**	1.4460	1.4460
5	**6-21-2022**	**9-20-2022**	1.4441	1.4441
6	**9-21-2022**	**12-20-2022**	1.4422	1.4422
7	**12-21-2022**	**3-20-2023**	1.2264	1.2264
8	**3-21-2023**	**6-20-2023**	1.2145	1.2145
9	**6-21-2023**	**9-20-2023**	4.6308	4.6308
10	**9-21-2023**	**9-30-2023**	1.8407	1.8407
		Highest	4.6308	4.6308

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	8.3916	0.0904	6.7358	7.6000e-003		0.5376	0.5376		0.5376	0.5376	53.5137	18.2473	71.7610	0.1060	3.0600e-003	75.3232
Energy	0.0680	0.5820	0.2552	3.7100e-003		0.0470	0.0470		0.0470	0.0470	0.0000	1,619.9668	1,619.9668	0.0553	0.0220	1,627.8949
Mobile	1.5071	6.0765	16.2175	0.0574	5.1928	0.0451	5.2379	1.3932	0.0420	1.4352	0.0000	5,258.8428	5,258.8428	0.1831	0.0000	5,263.4199
Waste						0.0000	0.0000		0.0000	0.0000	130.0238	0.0000	130.0238	7.6842	0.0000	322.1285
Water						0.0000	0.0000		0.0000	0.0000	10.9046	64.2284	75.1330	1.1229	0.0271	111.2806
Total	**9.9666**	**6.7489**	**23.2084**	**0.0687**	**5.1928**	**0.6297**	**5.8225**	**1.3932**	**0.6266**	**2.0198**	**194.4422**	**6,961.2853**	**7,155.7275**	**9.1515**	**0.0521**	**7,400.0472**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	8.3916	0.0904	6.7358	7.6000e-003		0.5376	0.5376		0.5376	0.5376	53.5137	18.2473	71.7610	0.1060	3.0600e-003	75.3232
Energy	0.0680	0.5820	0.2552	3.7100e-003		0.0470	0.0470		0.0470	0.0470	0.0000	1,619.9668	1,619.9668	0.0553	0.0220	1,627.8949
Mobile	1.5071	6.0765	16.2175	0.0574	5.1928	0.0451	5.2379	1.3932	0.0420	1.4352	0.0000	5,258.8428	5,258.8428	0.1831	0.0000	5,263.4199
Waste						0.0000	0.0000		0.0000	0.0000	130.0238	0.0000	130.0238	7.6842	0.0000	322.1285
Water						0.0000	0.0000		0.0000	0.0000	10.9046	64.2284	75.1330	1.1229	0.0271	111.2806
Total	**9.9666**	**6.7489**	**23.2084**	**0.0687**	**5.1928**	**0.6297**	**5.8225**	**1.3932**	**0.6266**	**2.0198**	**194.4422**	**6,961.2853**	**7,155.7275**	**9.1515**	**0.0521**	**7,400.0472**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

The Ranch Construction Phase 1 - Contra Costa County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/21/2021	7/2/2021	5	10	
2	Site Preparation	Site Preparation	7/3/2021	7/30/2021	5	20	
3	Grading	Grading	7/31/2021	10/13/2021	5	53	
4	Building Construction	Building Construction	10/14/2021	10/20/2023	5	527	
5	Architectural Coating	Architectural Coating	9/1/2023	10/23/2023	5	37	
6	Paving	Paving	10/21/2023	12/12/2023	5	37	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 138

Acres of Paving: 23.06

Residential Indoor: 2,384,640; Residential Outdoor: 794,880; Non-Residential Indoor: 103,215; Non-Residential Outdoor: 34,405; Striped Parking Area: 45,111 (Architectural Coating – sqft)

OffRoad Equipment

The Ranch Construction Phase 1 - Contra Costa County, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	16.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	606.00	225.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	121.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.7200e-003	0.0000	1.7200e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0158	0.1572	0.1078	1.9000e-004		7.7600e-003	7.7600e-003		7.2100e-003	7.2100e-003	0.0000	17.0004	17.0004	4.7800e-003	0.0000	17.1200
Total	**0.0158**	**0.1572**	**0.1078**	**1.9000e-004**	**1.7200e-003**	**7.7600e-003**	**9.4800e-003**	**2.6000e-004**	**7.2100e-003**	**7.4700e-003**	**0.0000**	**17.0004**	**17.0004**	**4.7800e-003**	**0.0000**	**17.1200**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0000e-005	2.1400e-003	4.2000e-004	1.0000e-005	1.4000e-004	1.0000e-005	1.4000e-004	4.0000e-005	1.0000e-005	4.0000e-005	0.0000	0.5991	0.5991	3.0000e-005	0.0000	0.5998
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3000e-004	1.6000e-004	1.7200e-003	1.0000e-005	5.9000e-004	0.0000	6.0000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.5033	0.5033	1.0000e-005	0.0000	0.5036
Total	**2.9000e-004**	**2.3000e-003**	**2.1400e-003**	**2.0000e-005**	**7.3000e-004**	**1.0000e-005**	**7.4000e-004**	**2.0000e-004**	**1.0000e-005**	**2.0000e-004**	**0.0000**	**1.1025**	**1.1025**	**4.0000e-005**	**0.0000**	**1.1034**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.8000e-004	0.0000	7.8000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0158	0.1572	0.1078	1.9000e-004		7.7600e-003	7.7600e-003		7.2100e-003	7.2100e-003	0.0000	17.0004	17.0004	4.7800e-003	0.0000	17.1200
Total	**0.0158**	**0.1572**	**0.1078**	**1.9000e-004**	**7.8000e-004**	**7.7600e-003**	**8.5400e-003**	**1.2000e-004**	**7.2100e-003**	**7.3300e-003**	**0.0000**	**17.0004**	**17.0004**	**4.7800e-003**	**0.0000**	**17.1200**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0000e-005	2.1400e-003	4.2000e-004	1.0000e-005	1.4000e-004	1.0000e-005	1.4000e-004	4.0000e-005	1.0000e-005	4.0000e-005	0.0000	0.5991	0.5991	3.0000e-005	0.0000	0.5998
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3000e-004	1.6000e-004	1.7200e-003	1.0000e-005	5.9000e-004	0.0000	6.0000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.5033	0.5033	1.0000e-005	0.0000	0.5036
Total	**2.9000e-004**	**2.3000e-003**	**2.1400e-003**	**2.0000e-005**	**7.3000e-004**	**1.0000e-005**	**7.4000e-004**	**2.0000e-004**	**1.0000e-005**	**2.0000e-004**	**0.0000**	**1.1025**	**1.1025**	**4.0000e-005**	**0.0000**	**1.1034**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0389	0.4050	0.2115	3.8000e-004		0.0204	0.0204		0.0188	0.0188	0.0000	33.4357	33.4357	0.0108	0.0000	33.7061
Total	**0.0389**	**0.4050**	**0.2115**	**3.8000e-004**	**0.1807**	**0.0204**	**0.2011**	**0.0993**	**0.0188**	**0.1181**	**0.0000**	**33.4357**	**33.4357**	**0.0108**	**0.0000**	**33.7061**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.6000e-004	3.9000e-004	4.1200e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.2080	1.2080	3.0000e-005	0.0000	1.2087
Total	**5.6000e-004**	**3.9000e-004**	**4.1200e-003**	**1.0000e-005**	**1.4300e-003**	**1.0000e-005**	**1.4400e-003**	**3.8000e-004**	**1.0000e-005**	**3.9000e-004**	**0.0000**	**1.2080**	**1.2080**	**3.0000e-005**	**0.0000**	**1.2087**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0813	0.0000	0.0813	0.0447	0.0000	0.0447	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0389	0.4050	0.2115	3.8000e-004		0.0204	0.0204		0.0188	0.0188	0.0000	33.4357	33.4357	0.0108	0.0000	33.7060
Total	**0.0389**	**0.4050**	**0.2115**	**3.8000e-004**	**0.0813**	**0.0204**	**0.1017**	**0.0447**	**0.0188**	**0.0635**	**0.0000**	**33.4357**	**33.4357**	**0.0108**	**0.0000**	**33.7060**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.6000e-004	3.9000e-004	4.1200e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.2080	1.2080	3.0000e-005	0.0000	1.2087
Total	**5.6000e-004**	**3.9000e-004**	**4.1200e-003**	**1.0000e-005**	**1.4300e-003**	**1.0000e-005**	**1.4400e-003**	**3.8000e-004**	**1.0000e-005**	**3.9000e-004**	**0.0000**	**1.2080**	**1.2080**	**3.0000e-005**	**0.0000**	**1.2087**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2328	0.0000	0.2328	0.0956	0.0000	0.0956	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1111	1.2296	0.8183	1.6400e-003		0.0526	0.0526		0.0484	0.0484	0.0000	144.4117	144.4117	0.0467	0.0000	145.5793
Total	**0.1111**	**1.2296**	**0.8183**	**1.6400e-003**	**0.2328**	**0.0526**	**0.2854**	**0.0956**	**0.0484**	**0.1440**	**0.0000**	**144.4117**	**144.4117**	**0.0467**	**0.0000**	**145.5793**

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6400e-003	1.1500e-003	0.0121	4.0000e-005	4.2000e-003	3.0000e-005	4.2300e-003	1.1200e-003	3.0000e-005	1.1400e-003	0.0000	3.5570	3.5570	8.0000e-005	0.0000	3.5590
Total	**1.6400e-003**	**1.1500e-003**	**0.0121**	**4.0000e-005**	**4.2000e-003**	**3.0000e-005**	**4.2300e-003**	**1.1200e-003**	**3.0000e-005**	**1.1400e-003**	**0.0000**	**3.5570**	**3.5570**	**8.0000e-005**	**0.0000**	**3.5590**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1047	0.0000	0.1047	0.0430	0.0000	0.0430	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1111	1.2296	0.8183	1.6400e-003		0.0526	0.0526		0.0484	0.0484	0.0000	144.4115	144.4115	0.0467	0.0000	145.5792
Total	**0.1111**	**1.2296**	**0.8183**	**1.6400e-003**	**0.1047**	**0.0526**	**0.1574**	**0.0430**	**0.0484**	**0.0914**	**0.0000**	**144.4115**	**144.4115**	**0.0467**	**0.0000**	**145.5792**

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6400e-003	1.1500e-003	0.0121	4.0000e-005	4.2000e-003	3.0000e-005	4.2300e-003	1.1200e-003	3.0000e-005	1.1400e-003	0.0000	3.5570	3.5570	8.0000e-005	0.0000	3.5590
Total	**1.6400e-003**	**1.1500e-003**	**0.0121**	**4.0000e-005**	**4.2000e-003**	**3.0000e-005**	**4.2300e-003**	**1.1200e-003**	**3.0000e-005**	**1.1400e-003**	**0.0000**	**3.5570**	**3.5570**	**8.0000e-005**	**0.0000**	**3.5590**

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0577	0.5344	0.5036	8.2000e-004		0.0292	0.0292		0.0274	0.0274	0.0000	70.7398	70.7398	0.0175	0.0000	71.1761
Total	**0.0577**	**0.5344**	**0.5036**	**8.2000e-004**		**0.0292**	**0.0292**		**0.0274**	**0.0274**	**0.0000**	**70.7398**	**70.7398**	**0.0175**	**0.0000**	**71.1761**

3.5 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0210	0.6628	0.1684	1.7300e-003	0.0422	1.4900e-003	0.0437	0.0122	1.4200e-003	0.0136	0.0000	165.7660	165.7660	7.7000e-003	0.0000	165.9585
Worker	0.0535	0.0374	0.3955	1.2800e-003	0.1370	8.9000e-004	0.1379	0.0364	8.2000e-004	0.0373	0.0000	115.9098	115.9098	2.6300e-003	0.0000	115.9757
Total	**0.0745**	**0.7002**	**0.5639**	**3.0100e-003**	**0.1792**	**2.3800e-003**	**0.1815**	**0.0486**	**2.2400e-003**	**0.0509**	**0.0000**	**281.6759**	**281.6759**	**0.0103**	**0.0000**	**281.9341**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0577	0.5344	0.5036	8.2000e-004		0.0292	0.0292		0.0274	0.0274	0.0000	70.7397	70.7397	0.0175	0.0000	71.1761
Total	**0.0577**	**0.5344**	**0.5036**	**8.2000e-004**		**0.0292**	**0.0292**		**0.0274**	**0.0274**	**0.0000**	**70.7397**	**70.7397**	**0.0175**	**0.0000**	**71.1761**

3.5 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0210	0.6628	0.1684	1.7300e-003	0.0422	1.4900e-003	0.0437	0.0122	1.4200e-003	0.0136	0.0000	165.7660	165.7660	7.7000e-003	0.0000	165.9585
Worker	0.0535	0.0374	0.3955	1.2800e-003	0.1370	8.9000e-004	0.1379	0.0364	8.2000e-004	0.0373	0.0000	115.9098	115.9098	2.6300e-003	0.0000	115.9757
Total	**0.0745**	**0.7002**	**0.5639**	**3.0100e-003**	**0.1792**	**2.3800e-003**	**0.1815**	**0.0486**	**2.2400e-003**	**0.0509**	**0.0000**	**281.6759**	**281.6759**	**0.0103**	**0.0000**	**281.9341**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2359	2.1797	2.2671	3.7500e-003		0.1124	0.1124		0.1056	0.1056	0.0000	322.8033	322.8033	0.0791	0.0000	324.7819
Total	**0.2359**	**2.1797**	**2.2671**	**3.7500e-003**		**0.1124**	**0.1124**		**0.1056**	**0.1056**	**0.0000**	**322.8033**	**322.8033**	**0.0791**	**0.0000**	**324.7819**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0893	2.8558	0.7203	7.8300e-003	0.1924	5.8800e-003	0.1983	0.0556	5.6300e-003	0.0612	0.0000	748.9614	748.9614	0.0333	0.0000	749.7935
Worker	0.2268	0.1528	1.6573	5.6300e-003	0.6248	3.9600e-003	0.6288	0.1662	3.6500e-003	0.1698	0.0000	509.0810	509.0810	0.0108	0.0000	509.3502
Total	**0.3160**	**3.0086**	**2.3776**	**0.0135**	**0.8172**	**9.8400e-003**	**0.8270**	**0.2218**	**9.2800e-003**	**0.2311**	**0.0000**	**1,258.0424**	**1,258.0424**	**0.0441**	**0.0000**	**1,259.1437**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2359	2.1797	2.2671	3.7500e-003		0.1124	0.1124		0.1056	0.1056	0.0000	322.8029	322.8029	0.0791	0.0000	324.7815
Total	**0.2359**	**2.1797**	**2.2671**	**3.7500e-003**		**0.1124**	**0.1124**		**0.1056**	**0.1056**	**0.0000**	**322.8029**	**322.8029**	**0.0791**	**0.0000**	**324.7815**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0893	2.8558	0.7203	7.8300e-003	0.1924	5.8800e-003	0.1983	0.0556	5.6300e-003	0.0612	0.0000	748.9614	748.9614	0.0333	0.0000	749.7935
Worker	0.2268	0.1528	1.6573	5.6300e-003	0.6248	3.9600e-003	0.6288	0.1662	3.6500e-003	0.1698	0.0000	509.0810	509.0810	0.0108	0.0000	509.3502
Total	**0.3160**	**3.0086**	**2.3776**	**0.0135**	**0.8172**	**9.8400e-003**	**0.8270**	**0.2218**	**9.2800e-003**	**0.2311**	**0.0000**	**1,258.0424**	**1,258.0424**	**0.0441**	**0.0000**	**1,259.1437**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1757	1.6210	1.8176	3.0300e-003		0.0786	0.0786		0.0738	0.0738	0.0000	260.8212	260.8212	0.0635	0.0000	262.4096
Total	**0.1757**	**1.6210**	**1.8176**	**3.0300e-003**		**0.0786**	**0.0786**		**0.0738**	**0.0738**	**0.0000**	**260.8212**	**260.8212**	**0.0635**	**0.0000**	**262.4096**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0544	1.7556	0.5185	6.1400e-003	0.1554	2.1000e-003	0.1575	0.0449	2.0000e-003	0.0469	0.0000	588.0914	588.0914	0.0221	0.0000	588.6444
Worker	0.1707	0.1109	1.2311	4.3700e-003	0.5047	3.1400e-003	0.5078	0.1342	2.8900e-003	0.1371	0.0000	395.2074	395.2074	7.7900e-003	0.0000	395.4022
Total	**0.2251**	**1.8665**	**1.7496**	**0.0105**	**0.6601**	**5.2400e-003**	**0.6653**	**0.1791**	**4.8900e-003**	**0.1840**	**0.0000**	**983.2987**	**983.2987**	**0.0299**	**0.0000**	**984.0466**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1757	1.6210	1.8176	3.0300e-003		0.0786	0.0786		0.0738	0.0738	0.0000	260.8209	260.8209	0.0635	0.0000	262.4093
Total	**0.1757**	**1.6210**	**1.8176**	**3.0300e-003**		**0.0786**	**0.0786**		**0.0738**	**0.0738**	**0.0000**	**260.8209**	**260.8209**	**0.0635**	**0.0000**	**262.4093**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0544	1.7556	0.5185	6.1400e-003	0.1554	2.1000e-003	0.1575	0.0449	2.0000e-003	0.0469	0.0000	588.0914	588.0914	0.0221	0.0000	588.6444
Worker	0.1707	0.1109	1.2311	4.3700e-003	0.5047	3.1400e-003	0.5078	0.1342	2.8900e-003	0.1371	0.0000	395.2074	395.2074	7.7900e-003	0.0000	395.4022
Total	**0.2251**	**1.8665**	**1.7496**	**0.0105**	**0.6601**	**5.2400e-003**	**0.6653**	**0.1791**	**4.8900e-003**	**0.1840**	**0.0000**	**983.2987**	**983.2987**	**0.0299**	**0.0000**	**984.0466**

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	8.8052					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.7300e-003	0.0321	0.0447	7.0000e-005		1.7500e-003	1.7500e-003		1.7500e-003	1.7500e-003	0.0000	6.2980	6.2980	3.8000e-004	0.0000	6.3075
Total	**8.8100**	**0.0321**	**0.0447**	**7.0000e-005**		**1.7500e-003**	**1.7500e-003**		**1.7500e-003**	**1.7500e-003**	**0.0000**	**6.2980**	**6.2980**	**3.8000e-004**	**0.0000**	**6.3075**

3.6 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-003	3.9000e-003	0.0433	1.5000e-004	0.0178	1.1000e-004	0.0179	4.7200e-003	1.0000e-004	4.8200e-003	0.0000	13.9034	13.9034	2.7000e-004	0.0000	13.9102
Total	**6.0000e-003**	**3.9000e-003**	**0.0433**	**1.5000e-004**	**0.0178**	**1.1000e-004**	**0.0179**	**4.7200e-003**	**1.0000e-004**	**4.8200e-003**	**0.0000**	**13.9034**	**13.9034**	**2.7000e-004**	**0.0000**	**13.9102**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	8.8052					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.7300e-003	0.0321	0.0447	7.0000e-005		1.7500e-003	1.7500e-003		1.7500e-003	1.7500e-003	0.0000	6.2980	6.2980	3.8000e-004	0.0000	6.3074
Total	**8.8100**	**0.0321**	**0.0447**	**7.0000e-005**		**1.7500e-003**	**1.7500e-003**		**1.7500e-003**	**1.7500e-003**	**0.0000**	**6.2980**	**6.2980**	**3.8000e-004**	**0.0000**	**6.3074**

3.6 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-003	3.9000e-003	0.0433	1.5000e-004	0.0178	1.1000e-004	0.0179	4.7200e-003	1.0000e-004	4.8200e-003	0.0000	13.9034	13.9034	2.7000e-004	0.0000	13.9102
Total	**6.0000e-003**	**3.9000e-003**	**0.0433**	**1.5000e-004**	**0.0178**	**1.1000e-004**	**0.0179**	**4.7200e-003**	**1.0000e-004**	**4.8200e-003**	**0.0000**	**13.9034**	**13.9034**	**2.7000e-004**	**0.0000**	**13.9102**

3.7 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0191	0.1886	0.2698	4.2000e-004		9.4400e-003	9.4400e-003		8.6800e-003	8.6800e-003	0.0000	37.0497	37.0497	0.0120	0.0000	37.3493
Paving	0.0291					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0482**	**0.1886**	**0.2698**	**4.2000e-004**		**9.4400e-003**	**9.4400e-003**		**8.6800e-003**	**8.6800e-003**	**0.0000**	**37.0497**	**37.0497**	**0.0120**	**0.0000**	**37.3493**

3.7 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.4000e-004	4.8000e-004	5.3700e-003	2.0000e-005	2.2000e-003	1.0000e-005	2.2100e-003	5.9000e-004	1.0000e-005	6.0000e-004	0.0000	1.7236	1.7236	3.0000e-005	0.0000	1.7244
Total	**7.4000e-004**	**4.8000e-004**	**5.3700e-003**	**2.0000e-005**	**2.2000e-003**	**1.0000e-005**	**2.2100e-003**	**5.9000e-004**	**1.0000e-005**	**6.0000e-004**	**0.0000**	**1.7236**	**1.7236**	**3.0000e-005**	**0.0000**	**1.7244**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0191	0.1886	0.2698	4.2000e-004		9.4400e-003	9.4400e-003		8.6800e-003	8.6800e-003	0.0000	37.0497	37.0497	0.0120	0.0000	37.3492
Paving	0.0291					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0482**	**0.1886**	**0.2698**	**4.2000e-004**		**9.4400e-003**	**9.4400e-003**		**8.6800e-003**	**8.6800e-003**	**0.0000**	**37.0497**	**37.0497**	**0.0120**	**0.0000**	**37.3492**

3.7 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.4000e-004	4.8000e-004	5.3700e-003	2.0000e-005	2.2000e-003	1.0000e-005	2.2100e-003	5.9000e-004	1.0000e-005	6.0000e-004	0.0000	1.7236	1.7236	3.0000e-005	0.0000	1.7244
Total	**7.4000e-004**	**4.8000e-004**	**5.3700e-003**	**2.0000e-005**	**2.2000e-003**	**1.0000e-005**	**2.2100e-003**	**5.9000e-004**	**1.0000e-005**	**6.0000e-004**	**0.0000**	**1.7236**	**1.7236**	**3.0000e-005**	**0.0000**	**1.7244**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.5071	6.0765	16.2175	0.0574	5.1928	0.0451	5.2379	1.3932	0.0420	1.4352	0.0000	5,258.8428	5,258.8428	0.1831	0.0000	5,263.4199
Unmitigated	1.5071	6.0765	16.2175	0.0574	5.1928	0.0451	5.2379	1.3932	0.0420	1.4352	0.0000	5,258.8428	5,258.8428	0.1831	0.0000	5,263.4199

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	12.06	145.15	106.80	95,226	95,226
Government Office Building	1,020.85	0.00	0.00	1,250,458	1,250,458
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	4,007.92	4,172.11	3629.02	9,185,879	9,185,879
Strip Mall	2,393.28	2,270.16	1103.22	3,374,824	3,374,824
Total	7,434.11	6,587.42	4,839.04	13,906,387	13,906,387

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00	50	34	16
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Single Family Housing	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802
Government Office Building	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802
Other Asphalt Surfaces	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802
Other Non-Asphalt Surfaces	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802
Single Family Housing	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802
Strip Mall	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

The Ranch Construction Phase 1 - Contra Costa County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	947.2188	947.2188	0.0424	9.6300e-003	951.1491
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	947.2188	947.2188	0.0424	9.6300e-003	951.1491
NaturalGas Mitigated	0.0680	0.5820	0.2552	3.7100e-003		0.0470	0.0470		0.0470	0.0470	0.0000	672.7481	672.7481	0.0129	0.0123	676.7459
NaturalGas Unmitigated	0.0680	0.5820	0.2552	3.7100e-003		0.0470	0.0470		0.0470	0.0470	0.0000	672.7481	672.7481	0.0129	0.0123	676.7459

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Government Office Building	242440	1.3100e-003	0.0119	9.9800e-003	7.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	12.9375	12.9375	2.5000e-004	2.4000e-004	13.0144
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.22364e+007	0.0660	0.5638	0.2399	3.6000e-003		0.0456	0.0456		0.0456	0.0456	0.0000	652.9811	652.9811	0.0125	0.0120	656.8614
Strip Mall	127980	6.9000e-004	6.2700e-003	5.2700e-003	4.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004	0.0000	6.8295	6.8295	1.3000e-004	1.3000e-004	6.8701
Total		**0.0680**	**0.5820**	**0.2552**	**3.7100e-003**		**0.0470**	**0.0470**		**0.0470**	**0.0470**	**0.0000**	**672.7481**	**672.7481**	**0.0129**	**0.0123**	**676.7459**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Government Office Building	242440	1.3100e-003	0.0119	9.9800e-003	7.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	12.9375	12.9375	2.5000e-004	2.4000e-004	13.0144
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.22364e+007	0.0660	0.5638	0.2399	3.6000e-003		0.0456	0.0456		0.0456	0.0456	0.0000	652.9811	652.9811	0.0125	0.0120	656.8614
Strip Mall	127980	6.9000e-004	6.2700e-003	5.2700e-003	4.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004	0.0000	6.8295	6.8295	1.3000e-004	1.3000e-004	6.8701
Total		**0.0680**	**0.5820**	**0.2552**	**3.7100e-003**		**0.0470**	**0.0470**		**0.0470**	**0.0470**	**0.0000**	**672.7481**	**672.7481**	**0.0129**	**0.0123**	**676.7459**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Government Office Building	264062	58.8882	2.6400e-003	6.0000e-004	59.1325
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.40613e+006	759.5966	0.0340	7.7200e-003	762.7484
Strip Mall	577260	128.7340	5.7600e-003	1.3100e-003	129.2682
Total		**947.2188**	**0.0424**	**9.6300e-003**	**951.1491**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Government Office Building	264062	58.8882	2.6400e-003	6.0000e-004	59.1325
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.40613e+006	759.5966	0.0340	7.7200e-003	762.7484
Strip Mall	577260	128.7340	5.7600e-003	1.3100e-003	129.2682
Total		**947.2188**	**0.0424**	**9.6300e-003**	**951.1491**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	8.3916	0.0904	6.7358	7.6000e-003		0.5376	0.5376		0.5376	0.5376	53.5137	18.2473	71.7610	0.1060	3.0600e-003	75.3232
Unmitigated	8.3916	0.0904	6.7358	7.6000e-003		0.5376	0.5376		0.5376	0.5376	53.5137	18.2473	71.7610	0.1060	3.0600e-003	75.3232

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.8805					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.9354					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.4814	0.0544	3.6082	7.4400e-003		0.5203	0.5203		0.5203	0.5203	53.5137	13.1393	66.6531	0.1011	3.0600e-003	70.0924
Landscaping	0.0943	0.0361	3.1276	1.7000e-004		0.0173	0.0173		0.0173	0.0173	0.0000	5.1080	5.1080	4.9100e-003	0.0000	5.2309
Total	**8.3916**	**0.0904**	**6.7358**	**7.6100e-003**		**0.5376**	**0.5376**		**0.5376**	**0.5376**	**53.5137**	**18.2473**	**71.7610**	**0.1060**	**3.0600e-003**	**75.3232**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.8805					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.9354					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.4814	0.0544	3.6082	7.4400e-003		0.5203	0.5203		0.5203	0.5203	53.5137	13.1393	66.6531	0.1011	3.0600e-003	70.0924
Landscaping	0.0943	0.0361	3.1276	1.7000e-004		0.0173	0.0173		0.0173	0.0173	0.0000	5.1080	5.1080	4.9100e-003	0.0000	5.2309
Total	**8.3916**	**0.0904**	**6.7358**	**7.6100e-003**		**0.5376**	**0.5376**		**0.5376**	**0.5376**	**53.5137**	**18.2473**	**71.7610**	**0.1060**	**3.0600e-003**	**75.3232**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	75.1330	1.1229	0.0271	111.2806
Unmitigated	75.1330	1.1229	0.0271	111.2806

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 7.60165	5.9333	2.7000e-004	6.0000e-005	5.9579
Government Office Building	2.94215 / 1.80325	5.8912	0.0961	2.3100e-003	8.9831
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	27.4298 / 17.2927	55.2993	0.8959	0.0216	84.1269
Strip Mall	3.99992 / 2.45156	8.0092	0.1306	3.1500e-003	12.2127
Total		**75.1330**	**1.1229**	**0.0271**	**111.2806**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 7.60165	5.9333	2.7000e-004	6.0000e-005	5.9579
Government Office Building	2.94215 / 1.80325	5.8912	0.0961	2.3100e-003	8.9831
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	27.4298 / 17.2927	55.2993	0.8959	0.0216	84.1269
Strip Mall	3.99992 / 2.45156	8.0092	0.1306	3.1500e-003	12.2127
Total		**75.1330**	**1.1229**	**0.0271**	**111.2806**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	130.0238	7.6842	0.0000	322.1285
Unmitigated	130.0238	7.6842	0.0000	322.1285

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.55	0.1117	6.6000e-003	0.0000	0.2766
Government Office Building	13.77	2.7952	0.1652	0.0000	6.9250
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	569.52	115.6074	6.8322	0.0000	286.4125
Strip Mall	56.7	11.5096	0.6802	0.0000	28.5145
Total		**130.0238**	**7.6842**	**0.0000**	**322.1285**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.55	0.1117	6.6000e-003	0.0000	0.2766
Government Office Building	13.77	2.7952	0.1652	0.0000	6.9250
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	569.52	115.6074	6.8322	0.0000	286.4125
Strip Mall	56.7	11.5096	0.6802	0.0000	28.5145
Total		**130.0238**	**7.6842**	**0.0000**	**322.1285**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Ranch Construction Phase 1

Contra Costa County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	14.81	1000sqft	3.00	14,810.00	0
Other Asphalt Surfaces	22.23	Acre	22.23	968,338.80	0
Other Non-Asphalt Surfaces	0.83	Acre	0.83	36,154.80	0
City Park	6.38	Acre	6.38	277,912.80	0
Single Family Housing	421.00	Dwelling Unit	91.01	1,177,600.00	1356
Strip Mall	54.00	1000sqft	1.24	54,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	491.65	**CH4 Intensity (lb/MWhr)**	0.022	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Adjusted for Renewable Portfolio Standard (RPS)

Land Use - Based on The Ranch at Antioch Development Standards & Design Guidelines 07.2019 (Carlson Barbee & Gibson, Inc.) and The Ranch TIA 12.2019 (Fehr & Peers); Government Office Building = "Fire Station" Other Non-asphalt surfaces=Landscape

Construction Phase - Demolition duration based on less than 1 acre site; Construction phases were adjusted (by ratio) to accomodate project phasing schedule; It is assumed that homes would be built in batches.

Off-road Equipment - Based on 8 hour work day

Off-road Equipment - Based on 8 hour work day

Off-road Equipment -

Trips and VMT -

Demolition - Assumed demolition of 3,500 SF

Grading - Phase 1: 138 acres graded

Architectural Coating -

Vehicle Trips -

Woodstoves -

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Land Use Change -

Construction Off-road Equipment Mitigation - Compliance with BAAQMD Best Management Practices threshold for fugitive dust; recommended measures from BAAQMD's Construction Mitigation Measures for all proposed projects.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Parking	60,270.00	45,111.00
tblAreaCoating	Area_Parking	60270	45111
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	220.00	37.00
tblConstructionPhase	NumDays	3,100.00	527.00
tblConstructionPhase	NumDays	200.00	10.00
tblConstructionPhase	NumDays	310.00	53.00
tblConstructionPhase	NumDays	220.00	37.00
tblConstructionPhase	NumDays	120.00	20.00
tblGrading	AcresOfGrading	132.50	138.00
tblLandUse	LandUseSquareFeet	757,800.00	1,177,600.00
tblLandUse	LotAcreage	0.34	3.00
tblLandUse	LotAcreage	136.69	91.01
tblLandUse	Population	1,204.00	1,356.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	641.35	491.65
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblTripsAndVMT	VendorTripNumber	266.00	225.00
tblTripsAndVMT	WorkerTripNumber	712.00	606.00
tblTripsAndVMT	WorkerTripNumber	142.00	121.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.7778	46.4386	38.7491	0.1393	18.2141	2.0454	20.2595	9.9699	1.8818	11.8517	0.0000	14,104.2135	14,104.2135	1.9465	0.0000	14,131.0135
2022	4.3758	39.5750	36.9461	0.1369	6.5011	0.9396	7.4407	1.7588	0.8830	2.6418	0.0000	13,862.7068	13,862.7068	1.0419	0.0000	13,888.7536
2023	480.5033	34.9061	40.2179	0.1463	7.4952	0.8979	8.3931	2.0225	0.8491	2.8716	0.0000	14,779.6065	14,779.6065	1.0204	0.0000	14,805.1162
Maximum	**480.5033**	**46.4386**	**40.2179**	**0.1463**	**18.2141**	**2.0454**	**20.2595**	**9.9699**	**1.8818**	**11.8517**	**0.0000**	**14,779.6065**	**14,779.6065**	**1.9465**	**0.0000**	**14,805.1162**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.7778	46.4386	38.7491	0.1393	8.2777	2.0454	10.3231	4.5080	1.8818	6.3898	0.0000	14,104.2135	14,104.2135	1.9465	0.0000	14,131.0135
2022	4.3758	39.5750	36.9461	0.1369	6.5011	0.9396	7.4407	1.7588	0.8830	2.6418	0.0000	13,862.7068	13,862.7068	1.0419	0.0000	13,888.7536
2023	480.5033	34.9061	40.2179	0.1463	7.4952	0.8979	8.3931	2.0225	0.8491	2.8716	0.0000	14,779.6065	14,779.6065	1.0204	0.0000	14,805.1162
Maximum	**480.5033**	**46.4386**	**40.2179**	**0.1463**	**8.2777**	**2.0454**	**10.3231**	**4.5080**	**1.8818**	**6.3898**	**0.0000**	**14,779.6065**	**14,779.6065**	**1.9465**	**0.0000**	**14,805.1162**

The Ranch Construction Phase 1 - Contra Costa County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**30.85**	**0.00**	**27.53**	**39.72**	**0.00**	**31.45**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	469.2053	8.8011	599.0123	1.0645		79.9817	79.9817		79.9817	79.9817	8,579.2805	2,662.8561	11,242.1367	10.6681	0.6054	11,689.2444
Energy	0.3725	3.1890	1.3983	0.0203		0.2574	0.2574		0.2574	0.2574		4,063.4400	4,063.4400	0.0779	0.0745	4,087.5870
Mobile	11.1127	36.0294	103.8794	0.3736	32.6693	0.2739	32.9432	8.7398	0.2552	8.9950		37,719.2997	37,719.2997	1.2402		37,750.3057
Total	**480.6905**	**48.0196**	**704.2900**	**1.4584**	**32.6693**	**80.5130**	**113.1823**	**8.7398**	**80.4943**	**89.2340**	**8,579.2805**	**44,445.5958**	**53,024.8763**	**11.9862**	**0.6799**	**53,527.1371**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	469.2053	8.8011	599.0123	1.0645		79.9817	79.9817		79.9817	79.9817	8,579.2805	2,662.8561	11,242.1367	10.6681	0.6054	11,689.2444
Energy	0.3725	3.1890	1.3983	0.0203		0.2574	0.2574		0.2574	0.2574		4,063.4400	4,063.4400	0.0779	0.0745	4,087.5870
Mobile	11.1127	36.0294	103.8794	0.3736	32.6693	0.2739	32.9432	8.7398	0.2552	8.9950		37,719.2997	37,719.2997	1.2402		37,750.3057
Total	**480.6905**	**48.0196**	**704.2900**	**1.4584**	**32.6693**	**80.5130**	**113.1823**	**8.7398**	**80.4943**	**89.2340**	**8,579.2805**	**44,445.5958**	**53,024.8763**	**11.9862**	**0.6799**	**53,527.1371**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/21/2021	7/2/2021	5	10	
2	Site Preparation	Site Preparation	7/3/2021	7/30/2021	5	20	
3	Grading	Grading	7/31/2021	10/13/2021	5	53	
4	Building Construction	Building Construction	10/14/2021	10/20/2023	5	527	
5	Architectural Coating	Architectural Coating	9/1/2023	10/23/2023	5	37	
6	Paving	Paving	10/21/2023	12/12/2023	5	37	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 138

Acres of Paving: 23.06

Residential Indoor: 2,384,640; Residential Outdoor: 794,880; Non-Residential Indoor: 103,215; Non-Residential Outdoor: 34,405; Striped Parking Area: 45,111 (Architectural Coating – sqft)

OffRoad Equipment

The Ranch Construction Phase 1 - Contra Costa County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	16.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	606.00	225.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	121.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3445	0.0000	0.3445	0.0522	0.0000	0.0522			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**0.3445**	**1.5513**	**1.8959**	**0.0522**	**1.4411**	**1.4933**		**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0123	0.4203	0.0821	1.2500e-003	0.0280	1.3400e-003	0.0293	7.6600e-003	1.2900e-003	8.9400e-003		133.0504	133.0504	5.6400e-003		133.1915
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0504	0.0291	0.3853	1.2100e-003	0.1232	7.7000e-004	0.1240	0.0327	7.1000e-004	0.0334		120.9656	120.9656	2.7400e-003		121.0342
Total	**0.0627**	**0.4494**	**0.4675**	**2.4600e-003**	**0.1512**	**2.1100e-003**	**0.1533**	**0.0403**	**2.0000e-003**	**0.0423**		**254.0159**	**254.0159**	**8.3800e-003**		**254.2256**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1550	0.0000	0.1550	0.0235	0.0000	0.0235			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**0.1550**	**1.5513**	**1.7064**	**0.0235**	**1.4411**	**1.4646**	**0.0000**	**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0123	0.4203	0.0821	1.2500e-003	0.0280	1.3400e-003	0.0293	7.6600e-003	1.2900e-003	8.9400e-003		133.0504	133.0504	5.6400e-003		133.1915
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0504	0.0291	0.3853	1.2100e-003	0.1232	7.7000e-004	0.1240	0.0327	7.1000e-004	0.0334		120.9656	120.9656	2.7400e-003		121.0342
Total	**0.0627**	**0.4494**	**0.4675**	**2.4600e-003**	**0.1512**	**2.1100e-003**	**0.1533**	**0.0403**	**2.0000e-003**	**0.0423**		**254.0159**	**254.0159**	**8.3800e-003**		**254.2256**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**		**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0604	0.0349	0.4624	1.4600e-003	0.1479	9.3000e-004	0.1488	0.0392	8.5000e-004	0.0401		145.1587	145.1587	3.2900e-003		145.2410
Total	**0.0604**	**0.0349**	**0.4624**	**1.4600e-003**	**0.1479**	**9.3000e-004**	**0.1488**	**0.0392**	**8.5000e-004**	**0.0401**		**145.1587**	**145.1587**	**3.2900e-003**		**145.2410**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**8.1298**	**2.0445**	**10.1743**	**4.4688**	**1.8809**	**6.3497**	**0.0000**	**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0604	0.0349	0.4624	1.4600e-003	0.1479	9.3000e-004	0.1488	0.0392	8.5000e-004	0.0401		145.1587	145.1587	3.2900e-003		145.2410
Total	**0.0604**	**0.0349**	**0.4624**	**1.4600e-003**	**0.1479**	**9.3000e-004**	**0.1488**	**0.0392**	**8.5000e-004**	**0.0401**		**145.1587**	**145.1587**	**3.2900e-003**		**145.2410**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.7834	0.0000	8.7834	3.6084	0.0000	3.6084			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.7834**	**1.9853**	**10.7687**	**3.6084**	**1.8265**	**5.4349**		**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0672	0.0388	0.5138	1.6200e-003	0.1643	1.0300e-003	0.1653	0.0436	9.5000e-004	0.0445		161.2874	161.2874	3.6600e-003		161.3789
Total	**0.0672**	**0.0388**	**0.5138**	**1.6200e-003**	**0.1643**	**1.0300e-003**	**0.1653**	**0.0436**	**9.5000e-004**	**0.0445**		**161.2874**	**161.2874**	**3.6600e-003**		**161.3789**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9525	0.0000	3.9525	1.6238	0.0000	1.6238			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**3.9525**	**1.9853**	**5.9379**	**1.6238**	**1.8265**	**3.4503**	**0.0000**	**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0672	0.0388	0.5138	1.6200e-003	0.1643	1.0300e-003	0.1653	0.0436	9.5000e-004	0.0445		161.2874	161.2874	3.6600e-003		161.3789
Total	**0.0672**	**0.0388**	**0.5138**	**1.6200e-003**	**0.1643**	**1.0300e-003**	**0.1653**	**0.0436**	**9.5000e-004**	**0.0445**		**161.2874**	**161.2874**	**3.6600e-003**		**161.3789**

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625		2,736.0438	2,736.0438	0.6751		2,752.9212
Total	**2.0228**	**18.7492**	**17.6706**	**0.0288**		**1.0251**	**1.0251**		**0.9625**	**0.9625**		**2,736.0438**	**2,736.0438**	**0.6751**		**2,752.9212**

3.5 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7201	23.0151	5.5111	0.0615	1.5229	0.0514	1.5743	0.4384	0.0492	0.4876		6,481.1615	6,481.1615	0.2860		6,488.3126
Worker	2.0350	1.1746	15.5674	0.0490	4.9782	0.0312	5.0094	1.3204	0.0288	1.3492		4,887.0081	4,887.0081	0.1109		4,889.7797
Total	**2.7550**	**24.1896**	**21.0785**	**0.1105**	**6.5011**	**0.0827**	**6.5837**	**1.7588**	**0.0779**	**1.8368**		**11,368.1697**	**11,368.1697**	**0.3969**		**11,378.0923**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625	0.0000	2,736.0438	2,736.0438	0.6751		2,752.9212
Total	**2.0228**	**18.7492**	**17.6706**	**0.0288**		**1.0251**	**1.0251**		**0.9625**	**0.9625**	**0.0000**	**2,736.0438**	**2,736.0438**	**0.6751**		**2,752.9212**

3.5 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7201	23.0151	5.5111	0.0615	1.5229	0.0514	1.5743	0.4384	0.0492	0.4876		6,481.1615	6,481.1615	0.2860		6,488.3126
Worker	2.0350	1.1746	15.5674	0.0490	4.9782	0.0312	5.0094	1.3204	0.0288	1.3492		4,887.0081	4,887.0081	0.1109		4,889.7797
Total	**2.7550**	**24.1896**	**21.0785**	**0.1105**	**6.5011**	**0.0827**	**6.5837**	**1.7588**	**0.0779**	**1.8368**		**11,368.1697**	**11,368.1697**	**0.3969**		**11,378.0923**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122		2,737.1520	2,737.1520	0.6711		2,753.9288
Total	**1.8146**	**16.7670**	**17.4392**	**0.0288**		**0.8645**	**0.8645**		**0.8122**	**0.8122**		**2,737.1520**	**2,737.1520**	**0.6711**		**2,753.9288**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6715	21.7549	5.1677	0.0609	1.5230	0.0446	1.5676	0.4384	0.0426	0.4810		6,420.1683	6,420.1683	0.2713		6,426.9503
Worker	1.8896	1.0531	14.3392	0.0472	4.9782	0.0305	5.0087	1.3204	0.0281	1.3485		4,705.3865	4,705.3865	0.0995		4,707.8746
Total	**2.5611**	**22.8080**	**19.5069**	**0.1081**	**6.5011**	**0.0751**	**6.5762**	**1.7588**	**0.0707**	**1.8296**		**11,125.5548**	**11,125.5548**	**0.3708**		**11,134.8248**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122	0.0000	2,737.1520	2,737.1520	0.6711		2,753.9288
Total	**1.8146**	**16.7670**	**17.4392**	**0.0288**		**0.8645**	**0.8645**		**0.8122**	**0.8122**	**0.0000**	**2,737.1520**	**2,737.1520**	**0.6711**		**2,753.9288**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6715	21.7549	5.1677	0.0609	1.5230	0.0446	1.5676	0.4384	0.0426	0.4810		6,420.1683	6,420.1683	0.2713		6,426.9503
Worker	1.8896	1.0531	14.3392	0.0472	4.9782	0.0305	5.0087	1.3204	0.0281	1.3485		4,705.3865	4,705.3865	0.0995		4,707.8746
Total	**2.5611**	**22.8080**	**19.5069**	**0.1081**	**6.5011**	**0.0751**	**6.5762**	**1.7588**	**0.0707**	**1.8296**		**11,125.5548**	**11,125.5548**	**0.3708**		**11,134.8248**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6735	15.4377	17.3101	0.0288		0.7481	0.7481		0.7029	0.7029		2,738.1535	2,738.1535	0.6670		2,754.8288
Total	**1.6735**	**15.4377**	**17.3101**	**0.0288**		**0.7481**	**0.7481**		**0.7029**	**0.7029**		**2,738.1535**	**2,738.1535**	**0.6670**		**2,754.8288**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5064	16.5958	4.6307	0.0591	1.5230	0.0196	1.5426	0.4384	0.0187	0.4572		6,240.7826	6,240.7826	0.2238		6,246.3773
Worker	1.7587	0.9463	13.2223	0.0454	4.9782	0.0299	5.0080	1.3204	0.0275	1.3479		4,522.4158	4,522.4158	0.0893		4,524.6483
Total	**2.2652**	**17.5421**	**17.8529**	**0.1045**	**6.5012**	**0.0495**	**6.5507**	**1.7589**	**0.0462**	**1.8051**		**10,763.1983**	**10,763.1983**	**0.3131**		**10,771.0257**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6735	15.4377	17.3101	0.0288		0.7481	0.7481		0.7029	0.7029	0.0000	2,738.1535	2,738.1535	0.6670		2,754.8288
Total	**1.6735**	**15.4377**	**17.3101**	**0.0288**		**0.7481**	**0.7481**		**0.7029**	**0.7029**	**0.0000**	**2,738.1535**	**2,738.1535**	**0.6670**		**2,754.8288**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5064	16.5958	4.6307	0.0591	1.5230	0.0196	1.5426	0.4384	0.0187	0.4572		6,240.7826	6,240.7826	0.2238		6,246.3773
Worker	1.7587	0.9463	13.2223	0.0454	4.9782	0.0299	5.0080	1.3204	0.0275	1.3479		4,522.4158	4,522.4158	0.0893		4,524.6483
Total	**2.2652**	**17.5421**	**17.8529**	**0.1045**	**6.5012**	**0.0495**	**6.5507**	**1.7589**	**0.0462**	**1.8051**		**10,763.1983**	**10,763.1983**	**0.3131**		**10,771.0257**

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	475.9580					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	**476.2136**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**		**375.2641**	**375.2641**	**0.0225**		**375.8253**

3.6 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3512	0.1890	2.6401	9.0600e-003	0.9940	5.9600e-003	1.0000	0.2637	5.4900e-003	0.2691		902.9906	902.9906	0.0178		903.4364
Total	**0.3512**	**0.1890**	**2.6401**	**9.0600e-003**	**0.9940**	**5.9600e-003**	**1.0000**	**0.2637**	**5.4900e-003**	**0.2691**		**902.9906**	**902.9906**	**0.0178**		**903.4364**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	475.9580					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253
Total	**476.2136**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**	**0.0000**	**375.2641**	**375.2641**	**0.0225**		**375.8253**

3.6 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3512	0.1890	2.6401	9.0600e-003	0.9940	5.9600e-003	1.0000	0.2637	5.4900e-003	0.2691		902.9906	902.9906	0.0178		903.4364
Total	**0.3512**	**0.1890**	**2.6401**	**9.0600e-003**	**0.9940**	**5.9600e-003**	**1.0000**	**0.2637**	**5.4900e-003**	**0.2691**		**902.9906**	**902.9906**	**0.0178**		**903.4364**

3.7 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	1.5741					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.6069**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

3.7 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0435	0.0234	0.3273	1.1200e-003	0.1232	7.4000e-004	0.1240	0.0327	6.8000e-004	0.0334		111.9410	111.9410	2.2100e-003		111.9963
Total	**0.0435**	**0.0234**	**0.3273**	**1.1200e-003**	**0.1232**	**7.4000e-004**	**0.1240**	**0.0327**	**6.8000e-004**	**0.0334**		**111.9410**	**111.9410**	**2.2100e-003**		**111.9963**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	1.5741					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.6069**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

3.7 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0435	0.0234	0.3273	1.1200e-003	0.1232	7.4000e-004	0.1240	0.0327	6.8000e-004	0.0334		111.9410	111.9410	2.2100e-003		111.9963
Total	**0.0435**	**0.0234**	**0.3273**	**1.1200e-003**	**0.1232**	**7.4000e-004**	**0.1240**	**0.0327**	**6.8000e-004**	**0.0334**		**111.9410**	**111.9410**	**2.2100e-003**		**111.9963**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	11.1127	36.0294	103.8794	0.3736	32.6693	0.2739	32.9432	8.7398	0.2552	8.9950		37,719.2997	37,719.2997	1.2402		37,750.3057
Unmitigated	11.1127	36.0294	103.8794	0.3736	32.6693	0.2739	32.9432	8.7398	0.2552	8.9950		37,719.2997	37,719.2997	1.2402		37,750.3057

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	12.06	145.15	106.80	95,226	95,226
Government Office Building	1,020.85	0.00	0.00	1,250,458	1,250,458
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	4,007.92	4,172.11	3629.02	9,185,879	9,185,879
Strip Mall	2,393.28	2,270.16	1103.22	3,374,824	3,374,824
Total	7,434.11	6,587.42	4,839.04	13,906,387	13,906,387

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00	50	34	16
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Single Family Housing	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802
Government Office Building	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802
Other Asphalt Surfaces	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802
Other Non-Asphalt Surfaces	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802
Single Family Housing	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802
Strip Mall	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

The Ranch Construction Phase 1 - Contra Costa County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.3725	3.1890	1.3983	0.0203		0.2574	0.2574		0.2574	0.2574		4,063.4400	4,063.4400	0.0779	0.0745	4,087.5870
NaturalGas Unmitigated	0.3725	3.1890	1.3983	0.0203		0.2574	0.2574		0.2574	0.2574		4,063.4400	4,063.4400	0.0779	0.0745	4,087.5870

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government Office Building	664.218	7.1600e-003	0.0651	0.0547	3.9000e-004		4.9500e-003	4.9500e-003		4.9500e-003	4.9500e-003		78.1433	78.1433	1.5000e-003	1.4300e-003	78.6077
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	33524.4	0.3615	3.0895	1.3147	0.0197		0.2498	0.2498		0.2498	0.2498		3,944.0461	3,944.0461	0.0756	0.0723	3,967.4836
Strip Mall	350.63	3.7800e-003	0.0344	0.0289	2.1000e-004		2.6100e-003	2.6100e-003		2.6100e-003	2.6100e-003		41.2506	41.2506	7.9000e-004	7.6000e-004	41.4957
Total		**0.3725**	**3.1890**	**1.3983**	**0.0203**		**0.2574**	**0.2574**		**0.2574**	**0.2574**		**4,063.4400**	**4,063.4400**	**0.0779**	**0.0745**	**4,087.5870**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government Office Building	0.664218	7.1600e-003	0.0651	0.0547	3.9000e-004		4.9500e-003	4.9500e-003		4.9500e-003	4.9500e-003		78.1433	78.1433	1.5000e-003	1.4300e-003	78.6077
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	33.5244	0.3615	3.0895	1.3147	0.0197		0.2498	0.2498		0.2498	0.2498		3,944.0461	3,944.0461	0.0756	0.0723	3,967.4836
Strip Mall	0.35063	3.7800e-003	0.0344	0.0289	2.1000e-004		2.6100e-003	2.6100e-003		2.6100e-003	2.6100e-003		41.2506	41.2506	7.9000e-004	7.6000e-004	41.4957
Total		**0.3725**	**3.1890**	**1.3983**	**0.0203**		**0.2574**	**0.2574**		**0.2574**	**0.2574**		**4,063.4400**	**4,063.4400**	**0.0779**	**0.0745**	**4,087.5870**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	469.2053	8.8011	599.0123	1.0645		79.9817	79.9817		79.9817	79.9817	8,579.2805	2,662.8561	11,242.1367	10.6681	0.6054	11,689.2444
Unmitigated	469.2053	8.8011	599.0123	1.0645		79.9817	79.9817		79.9817	79.9817	8,579.2805	2,662.8561	11,242.1367	10.6681	0.6054	11,689.2444

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.8248					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	27.0433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	436.2897	8.4006	564.2615	1.0627		79.7894	79.7894		79.7894	79.7894	8,579.2805	2,600.2941	11,179.5747	10.6079	0.6054	11,625.1775
Landscaping	1.0476	0.4006	34.7508	1.8300e-003		0.1923	0.1923		0.1923	0.1923		62.5620	62.5620	0.0602		64.0669
Total	**469.2053**	**8.8011**	**599.0123**	**1.0645**		**79.9817**	**79.9817**		**79.9817**	**79.9817**	**8,579.2805**	**2,662.8561**	**11,242.1367**	**10.6681**	**0.6054**	**11,689.2444**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.8248					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	27.0433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	436.2897	8.4006	564.2615	1.0627		79.7894	79.7894		79.7894	79.7894	8,579.2805	2,600.2941	11,179.5747	10.6079	0.6054	11,625.1775
Landscaping	1.0476	0.4006	34.7508	1.8300e-003		0.1923	0.1923		0.1923	0.1923		62.5620	62.5620	0.0602		64.0669
Total	**469.2053**	**8.8011**	**599.0123**	**1.0645**		**79.9817**	**79.9817**		**79.9817**	**79.9817**	**8,579.2805**	**2,662.8561**	**11,242.1367**	**10.6681**	**0.6054**	**11,689.2444**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Ranch Construction Phase 1

Contra Costa County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	14.81	1000sqft	3.00	14,810.00	0
Other Asphalt Surfaces	22.23	Acre	22.23	968,338.80	0
Other Non-Asphalt Surfaces	0.83	Acre	0.83	36,154.80	0
City Park	6.38	Acre	6.38	277,912.80	0
Single Family Housing	421.00	Dwelling Unit	91.01	1,177,600.00	1356
Strip Mall	54.00	1000sqft	1.24	54,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	491.65	**CH4 Intensity (lb/MWhr)**	0.022	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Adjusted for Renewable Portfolio Standard (RPS)

Land Use - Based on The Ranch at Antioch Development Standards & Design Guidelines 07.2019 (Carlson Barbee & Gibson, Inc.) and The Ranch TIA 12.2019 (Fehr & Peers); Government Office Building = "Fire Station" Other Non-asphalt surfaces=Landscape

Construction Phase - Demolition duration based on less than 1 acre site; Construction phases were adjusted (by ratio) to accomodate project phasing schedule; It is assumed that homes would be built in batches.

Off-road Equipment - Based on 8 hour work day

Off-road Equipment - Based on 8 hour work day

Off-road Equipment -

Trips and VMT -

Demolition - Assumed demolition of 3,500 SF

Grading - Phase 1: 138 acres graded

Architectural Coating -

Vehicle Trips -

Woodstoves -

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Land Use Change -

Construction Off-road Equipment Mitigation - Compliance with BAAQMD Best Management Practices threshold for fugitive dust; recommended measures from BAAQMD's Construction Mitigation Measures for all proposed projects.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Parking	60,270.00	45,111.00
tblAreaCoating	Area_Parking	60270	45111
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	220.00	37.00
tblConstructionPhase	NumDays	3,100.00	527.00
tblConstructionPhase	NumDays	200.00	10.00
tblConstructionPhase	NumDays	310.00	53.00
tblConstructionPhase	NumDays	220.00	37.00
tblConstructionPhase	NumDays	120.00	20.00
tblGrading	AcresOfGrading	132.50	138.00
tblLandUse	LandUseSquareFeet	757,800.00	1,177,600.00
tblLandUse	LotAcreage	0.34	3.00
tblLandUse	LotAcreage	136.69	91.01
tblLandUse	Population	1,204.00	1,356.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	641.35	491.65
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblTripsAndVMT	VendorTripNumber	266.00	225.00
tblTripsAndVMT	WorkerTripNumber	712.00	606.00
tblTripsAndVMT	WorkerTripNumber	142.00	121.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.8497	46.4476	38.2524	0.1331	18.2141	2.0454	20.2595	9.9699	1.8818	11.8517	0.0000	13,479.0460	13,479.0460	1.9462	0.0000	13,506.2744
2022	4.4461	39.9806	36.4495	0.1309	6.5011	0.9412	7.4423	1.7588	0.8845	2.6433	0.0000	13,255.3650	13,255.3650	1.0582	0.0000	13,281.8201
2023	480.5740	35.2487	39.3684	0.1397	7.4952	0.8988	8.3940	2.0225	0.8499	2.8724	0.0000	14,111.0600	14,111.0600	1.0299	0.0000	14,136.8066
Maximum	**480.5740**	**46.4476**	**39.3684**	**0.1397**	**18.2141**	**2.0454**	**20.2595**	**9.9699**	**1.8818**	**11.8517**	**0.0000**	**14,111.0600**	**14,111.0600**	**1.9462**	**0.0000**	**14,136.8066**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.8497	46.4476	38.2524	0.1331	8.2777	2.0454	10.3231	4.5080	1.8818	6.3898	0.0000	13,479.0460	13,479.0460	1.9462	0.0000	13,506.2744
2022	4.4461	39.9806	36.4495	0.1309	6.5011	0.9412	7.4423	1.7588	0.8845	2.6433	0.0000	13,255.3650	13,255.3650	1.0582	0.0000	13,281.8201
2023	480.5740	35.2487	39.3684	0.1397	7.4952	0.8988	8.3940	2.0225	0.8499	2.8724	0.0000	14,111.0600	14,111.0600	1.0299	0.0000	14,136.8066
Maximum	**480.5740**	**46.4476**	**39.3684**	**0.1397**	**8.2777**	**2.0454**	**10.3231**	**4.5080**	**1.8818**	**6.3898**	**0.0000**	**14,111.0600**	**14,111.0600**	**1.9462**	**0.0000**	**14,136.8066**

The Ranch Construction Phase 1 - Contra Costa County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**30.85**	**0.00**	**27.53**	**39.72**	**0.00**	**31.45**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	469.2053	8.8011	599.0123	1.0645		79.9817	79.9817		79.9817	79.9817	8,579.2805	2,662.8561	11,242.1367	10.6681	0.6054	11,689.2444
Energy	0.3725	3.1890	1.3983	0.0203		0.2574	0.2574		0.2574	0.2574		4,063.4400	4,063.4400	0.0779	0.0745	4,087.5870
Mobile	8.9572	37.8275	104.0552	0.3447	32.6693	0.2756	32.9449	8.7398	0.2568	8.9965		34,817.2431	34,817.2431	1.2650		34,848.8682
Total	**478.5350**	**49.8176**	**704.4657**	**1.4295**	**32.6693**	**80.5146**	**113.1839**	**8.7398**	**80.4958**	**89.2356**	**8,579.2805**	**41,543.5393**	**50,122.8198**	**12.0110**	**0.6799**	**50,625.6996**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	469.2053	8.8011	599.0123	1.0645		79.9817	79.9817		79.9817	79.9817	8,579.2805	2,662.8561	11,242.1367	10.6681	0.6054	11,689.2444
Energy	0.3725	3.1890	1.3983	0.0203		0.2574	0.2574		0.2574	0.2574		4,063.4400	4,063.4400	0.0779	0.0745	4,087.5870
Mobile	8.9572	37.8275	104.0552	0.3447	32.6693	0.2756	32.9449	8.7398	0.2568	8.9965		34,817.2431	34,817.2431	1.2650		34,848.8682
Total	**478.5350**	**49.8176**	**704.4657**	**1.4295**	**32.6693**	**80.5146**	**113.1839**	**8.7398**	**80.4958**	**89.2356**	**8,579.2805**	**41,543.5393**	**50,122.8198**	**12.0110**	**0.6799**	**50,625.6996**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/21/2021	7/2/2021	5	10	
2	Site Preparation	Site Preparation	7/3/2021	7/30/2021	5	20	
3	Grading	Grading	7/31/2021	10/13/2021	5	53	
4	Building Construction	Building Construction	10/14/2021	10/20/2023	5	527	
5	Architectural Coating	Architectural Coating	9/1/2023	10/23/2023	5	37	
6	Paving	Paving	10/21/2023	12/12/2023	5	37	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 138

Acres of Paving: 23.06

Residential Indoor: 2,384,640; Residential Outdoor: 794,880; Non-Residential Indoor: 103,215; Non-Residential Outdoor: 34,405; Striped Parking Area: 45,111 (Architectural Coating – sqft)

OffRoad Equipment

The Ranch Construction Phase 1 - Contra Costa County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	16.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	606.00	225.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	121.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3445	0.0000	0.3445	0.0522	0.0000	0.0522			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**0.3445**	**1.5513**	**1.8959**	**0.0522**	**1.4411**	**1.4933**		**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0126	0.4297	0.0887	1.2300e-003	0.0280	1.3700e-003	0.0293	7.6600e-003	1.3100e-003	8.9700e-003		130.7588	130.7588	5.9900e-003		130.9085
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0511	0.0358	0.3517	1.1000e-003	0.1232	7.7000e-004	0.1240	0.0327	7.1000e-004	0.0334		109.5983	109.5983	2.5200e-003		109.6612
Total	**0.0637**	**0.4655**	**0.4405**	**2.3300e-003**	**0.1512**	**2.1400e-003**	**0.1533**	**0.0403**	**2.0200e-003**	**0.0424**		**240.3571**	**240.3571**	**8.5100e-003**		**240.5697**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1550	0.0000	0.1550	0.0235	0.0000	0.0235			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**0.1550**	**1.5513**	**1.7064**	**0.0235**	**1.4411**	**1.4646**	**0.0000**	**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0126	0.4297	0.0887	1.2300e-003	0.0280	1.3700e-003	0.0293	7.6600e-003	1.3100e-003	8.9700e-003		130.7588	130.7588	5.9900e-003		130.9085
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0511	0.0358	0.3517	1.1000e-003	0.1232	7.7000e-004	0.1240	0.0327	7.1000e-004	0.0334		109.5983	109.5983	2.5200e-003		109.6612
Total	**0.0637**	**0.4655**	**0.4405**	**2.3300e-003**	**0.1512**	**2.1400e-003**	**0.1533**	**0.0403**	**2.0200e-003**	**0.0424**		**240.3571**	**240.3571**	**8.5100e-003**		**240.5697**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**		**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0613	0.0430	0.4221	1.3200e-003	0.1479	9.3000e-004	0.1488	0.0392	8.5000e-004	0.0401		131.5180	131.5180	3.0200e-003		131.5935
Total	**0.0613**	**0.0430**	**0.4221**	**1.3200e-003**	**0.1479**	**9.3000e-004**	**0.1488**	**0.0392**	**8.5000e-004**	**0.0401**		**131.5180**	**131.5180**	**3.0200e-003**		**131.5935**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**8.1298**	**2.0445**	**10.1743**	**4.4688**	**1.8809**	**6.3497**	**0.0000**	**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0613	0.0430	0.4221	1.3200e-003	0.1479	9.3000e-004	0.1488	0.0392	8.5000e-004	0.0401		131.5180	131.5180	3.0200e-003		131.5935
Total	**0.0613**	**0.0430**	**0.4221**	**1.3200e-003**	**0.1479**	**9.3000e-004**	**0.1488**	**0.0392**	**8.5000e-004**	**0.0401**		**131.5180**	**131.5180**	**3.0200e-003**		**131.5935**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.7834	0.0000	8.7834	3.6084	0.0000	3.6084			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.7834**	**1.9853**	**10.7687**	**3.6084**	**1.8265**	**5.4349**		**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0681	0.0478	0.4690	1.4700e-003	0.1643	1.0300e-003	0.1653	0.0436	9.5000e-004	0.0445		146.1311	146.1311	3.3500e-003		146.2150
Total	**0.0681**	**0.0478**	**0.4690**	**1.4700e-003**	**0.1643**	**1.0300e-003**	**0.1653**	**0.0436**	**9.5000e-004**	**0.0445**		**146.1311**	**146.1311**	**3.3500e-003**		**146.2150**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9525	0.0000	3.9525	1.6238	0.0000	1.6238			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**3.9525**	**1.9853**	**5.9379**	**1.6238**	**1.8265**	**3.4503**	**0.0000**	**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0681	0.0478	0.4690	1.4700e-003	0.1643	1.0300e-003	0.1653	0.0436	9.5000e-004	0.0445		146.1311	146.1311	3.3500e-003		146.2150
Total	**0.0681**	**0.0478**	**0.4690**	**1.4700e-003**	**0.1643**	**1.0300e-003**	**0.1653**	**0.0436**	**9.5000e-004**	**0.0445**		**146.1311**	**146.1311**	**3.3500e-003**		**146.2150**

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625		2,736.0438	2,736.0438	0.6751		2,752.9212
Total	**2.0228**	**18.7492**	**17.6706**	**0.0288**		**1.0251**	**1.0251**		**0.9625**	**0.9625**		**2,736.0438**	**2,736.0438**	**0.6751**		**2,752.9212**

3.5 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7635	23.2106	6.3722	0.0599	1.5229	0.0532	1.5761	0.4384	0.0508	0.4892		6,315.2296	6,315.2296	0.3124		6,323.0397
Worker	2.0634	1.4480	14.2097	0.0444	4.9782	0.0312	5.0094	1.3204	0.0288	1.3492		4,427.7726	4,427.7726	0.1016		4,430.3134
Total	**2.8269**	**24.6586**	**20.5818**	**0.1043**	**6.5011**	**0.0844**	**6.5854**	**1.7588**	**0.0796**	**1.8384**		**10,743.0022**	**10,743.0022**	**0.4140**		**10,753.3532**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625	0.0000	2,736.0438	2,736.0438	0.6751		2,752.9212
Total	**2.0228**	**18.7492**	**17.6706**	**0.0288**		**1.0251**	**1.0251**		**0.9625**	**0.9625**	**0.0000**	**2,736.0438**	**2,736.0438**	**0.6751**		**2,752.9212**

3.5 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7635	23.2106	6.3722	0.0599	1.5229	0.0532	1.5761	0.4384	0.0508	0.4892		6,315.2296	6,315.2296	0.3124		6,323.0397
Worker	2.0634	1.4480	14.2097	0.0444	4.9782	0.0312	5.0094	1.3204	0.0288	1.3492		4,427.7726	4,427.7726	0.1016		4,430.3134
Total	**2.8269**	**24.6586**	**20.5818**	**0.1043**	**6.5011**	**0.0844**	**6.5854**	**1.7588**	**0.0796**	**1.8384**		**10,743.0022**	**10,743.0022**	**0.4140**		**10,753.3532**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122		2,737.1520	2,737.1520	0.6711		2,753.9288
Total	**1.8146**	**16.7670**	**17.4392**	**0.0288**		**0.8645**	**0.8645**		**0.8122**	**0.8122**		**2,737.1520**	**2,737.1520**	**0.6711**		**2,753.9288**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7121	21.9159	5.9767	0.0593	1.5230	0.0462	1.5691	0.4384	0.0442	0.4826		6,254.8154	6,254.8154	0.2962		6,262.2192
Worker	1.9194	1.2977	13.0337	0.0428	4.9782	0.0305	5.0087	1.3204	0.0281	1.3485		4,263.3976	4,263.3976	0.0910		4,265.6721
Total	**2.6315**	**23.2135**	**19.0104**	**0.1021**	**6.5011**	**0.0767**	**6.5778**	**1.7588**	**0.0722**	**1.8311**		**10,518.2130**	**10,518.2130**	**0.3871**		**10,527.8913**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122	0.0000	2,737.1520	2,737.1520	0.6711		2,753.9288
Total	**1.8146**	**16.7670**	**17.4392**	**0.0288**		**0.8645**	**0.8645**		**0.8122**	**0.8122**	**0.0000**	**2,737.1520**	**2,737.1520**	**0.6711**		**2,753.9288**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7121	21.9159	5.9767	0.0593	1.5230	0.0462	1.5691	0.4384	0.0442	0.4826		6,254.8154	6,254.8154	0.2962		6,262.2192
Worker	1.9194	1.2977	13.0337	0.0428	4.9782	0.0305	5.0087	1.3204	0.0281	1.3485		4,263.3976	4,263.3976	0.0910		4,265.6721
Total	**2.6315**	**23.2135**	**19.0104**	**0.1021**	**6.5011**	**0.0767**	**6.5778**	**1.7588**	**0.0722**	**1.8311**		**10,518.2130**	**10,518.2130**	**0.3871**		**10,527.8913**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6735	15.4377	17.3101	0.0288		0.7481	0.7481		0.7029	0.7029		2,738.1535	2,738.1535	0.6670		2,754.8288
Total	**1.6735**	**15.4377**	**17.3101**	**0.0288**		**0.7481**	**0.7481**		**0.7029**	**0.7029**		**2,738.1535**	**2,738.1535**	**0.6670**		**2,754.8288**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5389	16.6753	5.2866	0.0576	1.5230	0.0205	1.5435	0.4384	0.0195	0.4580		6,081.6366	6,081.6366	0.2428		6,087.7059
Worker	1.7907	1.1656	11.9673	0.0411	4.9782	0.0299	5.0080	1.3204	0.0275	1.3479		4,097.7986	4,097.7986	0.0814		4,099.8330
Total	**2.3295**	**17.8409**	**17.2540**	**0.0987**	**6.5012**	**0.0503**	**6.5515**	**1.7589**	**0.0470**	**1.8059**		**10,179.4352**	**10,179.4352**	**0.3242**		**10,187.5389**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6735	15.4377	17.3101	0.0288		0.7481	0.7481		0.7029	0.7029	0.0000	2,738.1535	2,738.1535	0.6670		2,754.8288
Total	**1.6735**	**15.4377**	**17.3101**	**0.0288**		**0.7481**	**0.7481**		**0.7029**	**0.7029**	**0.0000**	**2,738.1535**	**2,738.1535**	**0.6670**		**2,754.8288**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5389	16.6753	5.2866	0.0576	1.5230	0.0205	1.5435	0.4384	0.0195	0.4580		6,081.6366	6,081.6366	0.2428		6,087.7059
Worker	1.7907	1.1656	11.9673	0.0411	4.9782	0.0299	5.0080	1.3204	0.0275	1.3479		4,097.7986	4,097.7986	0.0814		4,099.8330
Total	**2.3295**	**17.8409**	**17.2540**	**0.0987**	**6.5012**	**0.0503**	**6.5515**	**1.7589**	**0.0470**	**1.8059**		**10,179.4352**	**10,179.4352**	**0.3242**		**10,187.5389**

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	475.9580					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	**476.2136**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**		**375.2641**	**375.2641**	**0.0225**		**375.8253**

3.6 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3575	0.2327	2.3895	8.2100e-003	0.9940	5.9600e-003	1.0000	0.2637	5.4900e-003	0.2691		818.2073	818.2073	0.0163		818.6135
Total	**0.3575**	**0.2327**	**2.3895**	**8.2100e-003**	**0.9940**	**5.9600e-003**	**1.0000**	**0.2637**	**5.4900e-003**	**0.2691**		**818.2073**	**818.2073**	**0.0163**		**818.6135**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	475.9580					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253
Total	**476.2136**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**	**0.0000**	**375.2641**	**375.2641**	**0.0225**		**375.8253**

3.6 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3575	0.2327	2.3895	8.2100e-003	0.9940	5.9600e-003	1.0000	0.2637	5.4900e-003	0.2691		818.2073	818.2073	0.0163		818.6135
Total	**0.3575**	**0.2327**	**2.3895**	**8.2100e-003**	**0.9940**	**5.9600e-003**	**1.0000**	**0.2637**	**5.4900e-003**	**0.2691**		**818.2073**	**818.2073**	**0.0163**		**818.6135**

3.7 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	1.5741					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.6069**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

3.7 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0443	0.0289	0.2962	1.0200e-003	0.1232	7.4000e-004	0.1240	0.0327	6.8000e-004	0.0334		101.4307	101.4307	2.0100e-003		101.4810
Total	**0.0443**	**0.0289**	**0.2962**	**1.0200e-003**	**0.1232**	**7.4000e-004**	**0.1240**	**0.0327**	**6.8000e-004**	**0.0334**		**101.4307**	**101.4307**	**2.0100e-003**		**101.4810**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	1.5741					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.6069**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

3.7 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0443	0.0289	0.2962	1.0200e-003	0.1232	7.4000e-004	0.1240	0.0327	6.8000e-004	0.0334		101.4307	101.4307	2.0100e-003		101.4810
Total	**0.0443**	**0.0289**	**0.2962**	**1.0200e-003**	**0.1232**	**7.4000e-004**	**0.1240**	**0.0327**	**6.8000e-004**	**0.0334**		**101.4307**	**101.4307**	**2.0100e-003**		**101.4810**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	8.9572	37.8275	104.0552	0.3447	32.6693	0.2756	32.9449	8.7398	0.2568	8.9965		34,817.2431	34,817.2431	1.2650		34,848.8682
Unmitigated	8.9572	37.8275	104.0552	0.3447	32.6693	0.2756	32.9449	8.7398	0.2568	8.9965		34,817.2431	34,817.2431	1.2650		34,848.8682

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	12.06	145.15	106.80	95,226	95,226
Government Office Building	1,020.85	0.00	0.00	1,250,458	1,250,458
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	4,007.92	4,172.11	3629.02	9,185,879	9,185,879
Strip Mall	2,393.28	2,270.16	1103.22	3,374,824	3,374,824
Total	7,434.11	6,587.42	4,839.04	13,906,387	13,906,387

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00	50	34	16
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Single Family Housing	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802
Government Office Building	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802
Other Asphalt Surfaces	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802
Other Non-Asphalt Surfaces	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802
Single Family Housing	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802
Strip Mall	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

The Ranch Construction Phase 1 - Contra Costa County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.3725	3.1890	1.3983	0.0203		0.2574	0.2574		0.2574	0.2574		4,063.4400	4,063.4400	0.0779	0.0745	4,087.5870
NaturalGas Unmitigated	0.3725	3.1890	1.3983	0.0203		0.2574	0.2574		0.2574	0.2574		4,063.4400	4,063.4400	0.0779	0.0745	4,087.5870

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government Office Building	664.218	7.1600e-003	0.0651	0.0547	3.9000e-004		4.9500e-003	4.9500e-003		4.9500e-003	4.9500e-003		78.1433	78.1433	1.5000e-003	1.4300e-003	78.6077
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	33524.4	0.3615	3.0895	1.3147	0.0197		0.2498	0.2498		0.2498	0.2498		3,944.0461	3,944.0461	0.0756	0.0723	3,967.4836
Strip Mall	350.63	3.7800e-003	0.0344	0.0289	2.1000e-004		2.6100e-003	2.6100e-003		2.6100e-003	2.6100e-003		41.2506	41.2506	7.9000e-004	7.6000e-004	41.4957
Total		**0.3725**	**3.1890**	**1.3983**	**0.0203**		**0.2574**	**0.2574**		**0.2574**	**0.2574**		**4,063.4400**	**4,063.4400**	**0.0779**	**0.0745**	**4,087.5870**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government Office Building	0.664218	7.1600e-003	0.0651	0.0547	3.9000e-004		4.9500e-003	4.9500e-003		4.9500e-003	4.9500e-003		78.1433	78.1433	1.5000e-003	1.4300e-003	78.6077
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	33.5244	0.3615	3.0895	1.3147	0.0197		0.2498	0.2498		0.2498	0.2498		3,944.0461	3,944.0461	0.0756	0.0723	3,967.4836
Strip Mall	0.35063	3.7800e-003	0.0344	0.0289	2.1000e-004		2.6100e-003	2.6100e-003		2.6100e-003	2.6100e-003		41.2506	41.2506	7.9000e-004	7.6000e-004	41.4957
Total		**0.3725**	**3.1890**	**1.3983**	**0.0203**		**0.2574**	**0.2574**		**0.2574**	**0.2574**		**4,063.4400**	**4,063.4400**	**0.0779**	**0.0745**	**4,087.5870**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	469.2053	8.8011	599.0123	1.0645		79.9817	79.9817		79.9817	79.9817	8,579.2805	2,662.8561	11,242.1367	10.6681	0.6054	11,689.2444
Unmitigated	469.2053	8.8011	599.0123	1.0645		79.9817	79.9817		79.9817	79.9817	8,579.2805	2,662.8561	11,242.1367	10.6681	0.6054	11,689.2444

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.8248					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	27.0433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	436.2897	8.4006	564.2615	1.0627		79.7894	79.7894		79.7894	79.7894	8,579.2805	2,600.2941	11,179.5747	10.6079	0.6054	11,625.1775
Landscaping	1.0476	0.4006	34.7508	1.8300e-003		0.1923	0.1923		0.1923	0.1923		62.5620	62.5620	0.0602		64.0669
Total	**469.2053**	**8.8011**	**599.0123**	**1.0645**		**79.9817**	**79.9817**		**79.9817**	**79.9817**	**8,579.2805**	**2,662.8561**	**11,242.1367**	**10.6681**	**0.6054**	**11,689.2444**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.8248					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	27.0433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	436.2897	8.4006	564.2615	1.0627		79.7894	79.7894		79.7894	79.7894	8,579.2805	2,600.2941	11,179.5747	10.6079	0.6054	11,625.1775
Landscaping	1.0476	0.4006	34.7508	1.8300e-003		0.1923	0.1923		0.1923	0.1923		62.5620	62.5620	0.0602		64.0669
Total	**469.2053**	**8.8011**	**599.0123**	**1.0645**		**79.9817**	**79.9817**		**79.9817**	**79.9817**	**8,579.2805**	**2,662.8561**	**11,242.1367**	**10.6681**	**0.6054**	**11,689.2444**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Ranch Construction Phase 2

Contra Costa County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	12.67	Acre	12.67	551,905.20	0
Other Non-Asphalt Surfaces	0.83	Acre	0.83	36,298.55	0
City Park	8.00	Acre	8.00	348,480.00	0
Single Family Housing	201.00	Dwelling Unit	50.99	643,200.00	647

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2026
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	491.65	**CH4 Intensity (lb/MWhr)**	0.022	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Adjusted for Renewable Portfolio Standard (RPS)

Land Use - Based on The Ranch at Antioch Development Standards & Design Guidelines 07.2019 (Carlson Barbee & Gibson, Inc.) and The Ranch TIA 12.2019 (Fehr & Peers) Fire Station"; Population based on City of Antioch Housing Element 2015-2023

Construction Phase - Construction phases were adjusted (by ratio) to accomodate project phasing schedule; It is assumed that homes would be built in batches.

Off-road Equipment - Based on an 8 hour day

Off-road Equipment - Based on an 8 hour day

Off-road Equipment -

Trips and VMT -

Demolition -

Grading - Phase 2: 73 acres graded

Architectural Coating -

Area Coating -

Energy Use -

Solid Waste -

Construction Off-road Equipment Mitigation - Compliance with BAAQMD Best Management Practices threshold for fugitive dust; recommended measures from BAAQMD's Construction Mitigation Measures for all proposed projects.

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	434,160.00	522,349.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,302,480.00	1,567,046.00
tblAreaCoating	Area_Residential_Exterior	434160	522349
tblAreaCoating	Area_Residential_Interior	1302480	1567046
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	75.00	40.00
tblConstructionPhase	NumDays	1,110.00	588.00
tblConstructionPhase	NumDays	110.00	58.00
tblConstructionPhase	NumDays	75.00	40.00
tblConstructionPhase	NumDays	40.00	21.00
tblGrading	AcresOfGrading	145.00	73.00
tblLandUse	LandUseSquareFeet	36,154.80	36,298.55
tblLandUse	LandUseSquareFeet	361,800.00	643,200.00
tblLandUse	LotAcreage	65.26	50.99
tblLandUse	Population	575.00	647.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	641.35	491.65
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.3217	3.0028	2.8675	8.9000e-003	0.7169	0.0958	0.8127	0.2896	0.0889	0.3786	0.0000	806.8111	806.8111	0.1142	0.0000	809.6658
2025	0.3829	3.4824	3.7079	0.0135	0.6325	0.0785	0.7111	0.1717	0.0737	0.2454	0.0000	1,233.1159	1,233.1159	0.1045	0.0000	1,235.7275
2026	5.9008	2.8502	3.1515	0.0108	0.5018	0.0699	0.5718	0.1361	0.0656	0.2017	0.0000	991.1052	991.1052	0.0928	0.0000	993.4239
Maximum	**5.9008**	**3.4824**	**3.7079**	**0.0135**	**0.7169**	**0.0958**	**0.8127**	**0.2896**	**0.0889**	**0.3786**	**0.0000**	**1,233.1159**	**1,233.1159**	**0.1142**	**0.0000**	**1,235.7275**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.3217	3.0028	2.8675	8.9000e-003	0.4953	0.0958	0.5910	0.1772	0.0889	0.2661	0.0000	806.8107	806.8107	0.1142	0.0000	809.6653
2025	0.3829	3.4824	3.7079	0.0135	0.6325	0.0785	0.7111	0.1717	0.0737	0.2454	0.0000	1,233.1155	1,233.1155	0.1045	0.0000	1,235.7272
2026	5.9008	2.8502	3.1515	0.0108	0.5018	0.0699	0.5718	0.1361	0.0656	0.2017	0.0000	991.1049	991.1049	0.0928	0.0000	993.4236
Maximum	**5.9008**	**3.4824**	**3.7079**	**0.0135**	**0.6325**	**0.0958**	**0.7111**	**0.1772**	**0.0889**	**0.2661**	**0.0000**	**1,233.1155**	**1,233.1155**	**0.1142**	**0.0000**	**1,235.7272**

The Ranch Construction Phase 2 - Contra Costa County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**11.97**	**0.00**	**10.58**	**18.82**	**0.00**	**13.62**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**3-19-2024**	**6-18-2024**	1.1126	1.1126
2	**6-19-2024**	**9-18-2024**	1.0478	1.0478
3	**9-19-2024**	**12-18-2024**	1.0159	1.0159
4	**12-19-2024**	**3-18-2025**	0.9643	0.9643
5	**3-19-2025**	**6-18-2025**	0.9717	0.9717
6	**6-19-2025**	**9-18-2025**	0.9706	0.9706
7	**9-19-2025**	**12-18-2025**	0.9669	0.9669
8	**12-19-2025**	**3-18-2026**	0.9487	0.9487
9	**3-19-2026**	**6-18-2026**	0.9618	0.9618
10	**6-19-2026**	**9-18-2026**	4.6686	4.6686
11	**9-19-2026**	**9-30-2026**	1.3279	1.3279
		Highest	4.6686	4.6686

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	4.3398	0.0431	3.2139	3.6300e-003		0.2567	0.2567		0.2567	0.2567	25.5493	8.7115	34.2608	0.0506	1.4600e-003	35.9612
Energy	0.0315	0.2692	0.1146	1.7200e-003		0.0218	0.0218		0.0218	0.0218	0.0000	674.4136	674.4136	0.0222	9.4000e-003	677.7709
Mobile	0.3714	1.6157	4.1551	0.0166	1.6816	0.0128	1.6944	0.4511	0.0119	0.4630	0.0000	1,526.5951	1,526.5951	0.0486	0.0000	1,527.8103
Waste						0.0000	0.0000		0.0000	0.0000	55.3008	0.0000	55.3008	3.2682	0.0000	137.0055
Water						0.0000	0.0000		0.0000	0.0000	4.1547	29.6870	33.8417	0.4281	0.0104	47.6359
Total	**4.7427**	**1.9280**	**7.4836**	**0.0220**	**1.6816**	**0.2912**	**1.9728**	**0.4511**	**0.2904**	**0.7414**	**85.0049**	**2,239.4070**	**2,324.4119**	**3.8177**	**0.0212**	**2,426.1838**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	4.3398	0.0431	3.2139	3.6300e-003		0.2567	0.2567		0.2567	0.2567	25.5493	8.7115	34.2608	0.0506	1.4600e-003	35.9612
Energy	0.0315	0.2692	0.1146	1.7200e-003		0.0218	0.0218		0.0218	0.0218	0.0000	674.4136	674.4136	0.0222	9.4000e-003	677.7709
Mobile	0.3714	1.6157	4.1551	0.0166	1.6816	0.0128	1.6944	0.4511	0.0119	0.4630	0.0000	1,526.5951	1,526.5951	0.0486	0.0000	1,527.8103
Waste						0.0000	0.0000		0.0000	0.0000	55.3008	0.0000	55.3008	3.2682	0.0000	137.0055
Water						0.0000	0.0000		0.0000	0.0000	4.1547	29.6870	33.8417	0.4281	0.0104	47.6359
Total	**4.7427**	**1.9280**	**7.4836**	**0.0220**	**1.6816**	**0.2912**	**1.9728**	**0.4511**	**0.2904**	**0.7414**	**85.0049**	**2,239.4070**	**2,324.4119**	**3.8177**	**0.0212**	**2,426.1838**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

The Ranch Construction Phase 2 - Contra Costa County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	3/19/2024	4/16/2024	5	21	
2	Grading	Grading	4/17/2024	7/5/2024	5	58	
3	Building Construction	Building Construction	7/6/2024	10/7/2026	5	588	
4	Architectural Coating	Architectural Coating	8/13/2026	10/7/2026	5	40	
5	Paving	Paving	10/8/2026	12/2/2026	5	40	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 73

Acres of Paving: 13.5

Residential Indoor: 1,567,046; Residential Outdoor: 522,349; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 35,292 (Architectural Coating – sqft)

OffRoad Equipment

The Ranch Construction Phase 2 - Contra Costa County, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	466.00	175.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	93.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1897	0.0000	0.1897	0.1043	0.0000	0.1043	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0279	0.2854	0.1925	4.0000e-004		0.0129	0.0129		0.0119	0.0119	0.0000	35.1299	35.1299	0.0114	0.0000	35.4140
Total	**0.0279**	**0.2854**	**0.1925**	**4.0000e-004**	**0.1897**	**0.0129**	**0.2026**	**0.1043**	**0.0119**	**0.1162**	**0.0000**	**35.1299**	**35.1299**	**0.0114**	**0.0000**	**35.4140**

3.2 Site Preparation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.7000e-004	3.0000e-004	3.3800e-003	1.0000e-005	1.5000e-003	1.0000e-005	1.5100e-003	4.0000e-004	1.0000e-005	4.1000e-004	0.0000	1.1267	1.1267	2.0000e-005	0.0000	1.1273
Total	**4.7000e-004**	**3.0000e-004**	**3.3800e-003**	**1.0000e-005**	**1.5000e-003**	**1.0000e-005**	**1.5100e-003**	**4.0000e-004**	**1.0000e-005**	**4.1000e-004**	**0.0000**	**1.1267**	**1.1267**	**2.0000e-005**	**0.0000**	**1.1273**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0854	0.0000	0.0854	0.0469	0.0000	0.0469	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0279	0.2854	0.1925	4.0000e-004		0.0129	0.0129		0.0119	0.0119	0.0000	35.1299	35.1299	0.0114	0.0000	35.4139
Total	**0.0279**	**0.2854**	**0.1925**	**4.0000e-004**	**0.0854**	**0.0129**	**0.0983**	**0.0469**	**0.0119**	**0.0588**	**0.0000**	**35.1299**	**35.1299**	**0.0114**	**0.0000**	**35.4139**

3.2 Site Preparation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.7000e-004	3.0000e-004	3.3800e-003	1.0000e-005	1.5000e-003	1.0000e-005	1.5100e-003	4.0000e-004	1.0000e-005	4.1000e-004	0.0000	1.1267	1.1267	2.0000e-005	0.0000	1.1273
Total	**4.7000e-004**	**3.0000e-004**	**3.3800e-003**	**1.0000e-005**	**1.5000e-003**	**1.0000e-005**	**1.5100e-003**	**4.0000e-004**	**1.0000e-005**	**4.1000e-004**	**0.0000**	**1.1267**	**1.1267**	**2.0000e-005**	**0.0000**	**1.1273**

3.3 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2134	0.0000	0.2134	0.1002	0.0000	0.1002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0933	0.9389	0.8040	1.8000e-003		0.0387	0.0387		0.0356	0.0356	0.0000	158.1066	158.1066	0.0511	0.0000	159.3850
Total	**0.0933**	**0.9389**	**0.8040**	**1.8000e-003**	**0.2134**	**0.0387**	**0.2521**	**0.1002**	**0.0356**	**0.1358**	**0.0000**	**158.1066**	**158.1066**	**0.0511**	**0.0000**	**159.3850**

3.3 Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4600e-003	9.1000e-004	0.0104	4.0000e-005	4.6000e-003	3.0000e-005	4.6300e-003	1.2200e-003	3.0000e-005	1.2500e-003	0.0000	3.4577	3.4577	6.0000e-005	0.0000	3.4593
Total	**1.4600e-003**	**9.1000e-004**	**0.0104**	**4.0000e-005**	**4.6000e-003**	**3.0000e-005**	**4.6300e-003**	**1.2200e-003**	**3.0000e-005**	**1.2500e-003**	**0.0000**	**3.4577**	**3.4577**	**6.0000e-005**	**0.0000**	**3.4593**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0960	0.0000	0.0960	0.0451	0.0000	0.0451	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0933	0.9389	0.8040	1.8000e-003		0.0387	0.0387		0.0356	0.0356	0.0000	158.1064	158.1064	0.0511	0.0000	159.3848
Total	**0.0933**	**0.9389**	**0.8040**	**1.8000e-003**	**0.0960**	**0.0387**	**0.1347**	**0.0451**	**0.0356**	**0.0807**	**0.0000**	**158.1064**	**158.1064**	**0.0511**	**0.0000**	**159.3848**

3.3 Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4600e-003	9.1000e-004	0.0104	4.0000e-005	4.6000e-003	3.0000e-005	4.6300e-003	1.2200e-003	3.0000e-005	1.2500e-003	0.0000	3.4577	3.4577	6.0000e-005	0.0000	3.4593
Total	**1.4600e-003**	**9.1000e-004**	**0.0104**	**4.0000e-005**	**4.6000e-003**	**3.0000e-005**	**4.6300e-003**	**1.2200e-003**	**3.0000e-005**	**1.2500e-003**	**0.0000**	**3.4577**	**3.4577**	**6.0000e-005**	**0.0000**	**3.4593**

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0995	0.9160	1.0939	1.8300e-003		0.0417	0.0417		0.0392	0.0392	0.0000	157.7669	157.7669	0.0382	0.0000	158.7225
Total	**0.0995**	**0.9160**	**1.0939**	**1.8300e-003**		**0.0417**	**0.0417**		**0.0392**	**0.0392**	**0.0000**	**157.7669**	**157.7669**	**0.0382**	**0.0000**	**158.7225**

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0247	0.8149	0.2339	2.8700e-003	0.0731	9.7000e-004	0.0741	0.0211	9.2000e-004	0.0221	0.0000	274.8138	274.8138	0.0101	0.0000	275.0670
Worker	0.0743	0.0465	0.5294	1.9500e-003	0.2347	1.4300e-003	0.2361	0.0624	1.3200e-003	0.0637	0.0000	176.4093	176.4093	3.2600e-003	0.0000	176.4908
Total	**0.0990**	**0.8614**	**0.7633**	**4.8200e-003**	**0.3078**	**2.4000e-003**	**0.3102**	**0.0836**	**2.2400e-003**	**0.0858**	**0.0000**	**451.2232**	**451.2232**	**0.0134**	**0.0000**	**451.5577**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0995	0.9160	1.0939	1.8300e-003		0.0417	0.0417		0.0392	0.0392	0.0000	157.7667	157.7667	0.0382	0.0000	158.7223
Total	**0.0995**	**0.9160**	**1.0939**	**1.8300e-003**		**0.0417**	**0.0417**		**0.0392**	**0.0392**	**0.0000**	**157.7667**	**157.7667**	**0.0382**	**0.0000**	**158.7223**

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0247	0.8149	0.2339	2.8700e-003	0.0731	9.7000e-004	0.0741	0.0211	9.2000e-004	0.0221	0.0000	274.8138	274.8138	0.0101	0.0000	275.0670
Worker	0.0743	0.0465	0.5294	1.9500e-003	0.2347	1.4300e-003	0.2361	0.0624	1.3200e-003	0.0637	0.0000	176.4093	176.4093	3.2600e-003	0.0000	176.4908
Total	**0.0990**	**0.8614**	**0.7633**	**4.8200e-003**	**0.3078**	**2.4000e-003**	**0.3102**	**0.0836**	**2.2400e-003**	**0.0858**	**0.0000**	**451.2232**	**451.2232**	**0.0134**	**0.0000**	**451.5577**

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1900	1.7443	2.2365	3.7700e-003		0.0737	0.0737		0.0692	0.0692	0.0000	324.3345	324.3345	0.0782	0.0000	326.2884
Total	**0.1900**	**1.7443**	**2.2365**	**3.7700e-003**		**0.0737**	**0.0737**		**0.0692**	**0.0692**	**0.0000**	**324.3345**	**324.3345**	**0.0782**	**0.0000**	**326.2884**

3.4 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0493	1.6514	0.4650	5.8600e-003	0.1502	1.9400e-003	0.1522	0.0434	1.8500e-003	0.0453	0.0000	561.2007	561.2007	0.0203	0.0000	561.7071
Worker	0.1436	0.0867	1.0064	3.8400e-003	0.4823	2.8900e-003	0.4852	0.1283	2.6600e-003	0.1309	0.0000	347.5806	347.5806	6.0600e-003	0.0000	347.7320
Total	**0.1929**	**1.7381**	**1.4714**	**9.7000e-003**	**0.6325**	**4.8300e-003**	**0.6374**	**0.1717**	**4.5100e-003**	**0.1762**	**0.0000**	**908.7814**	**908.7814**	**0.0263**	**0.0000**	**909.4391**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1900	1.7443	2.2365	3.7700e-003		0.0737	0.0737		0.0692	0.0692	0.0000	324.3341	324.3341	0.0782	0.0000	326.2881
Total	**0.1900**	**1.7443**	**2.2365**	**3.7700e-003**		**0.0737**	**0.0737**		**0.0692**	**0.0692**	**0.0000**	**324.3341**	**324.3341**	**0.0782**	**0.0000**	**326.2881**

3.4 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0493	1.6514	0.4650	5.8600e-003	0.1502	1.9400e-003	0.1522	0.0434	1.8500e-003	0.0453	0.0000	561.2007	561.2007	0.0203	0.0000	561.7071
Worker	0.1436	0.0867	1.0064	3.8400e-003	0.4823	2.8900e-003	0.4852	0.1283	2.6600e-003	0.1309	0.0000	347.5806	347.5806	6.0600e-003	0.0000	347.7320
Total	**0.1929**	**1.7381**	**1.4714**	**9.7000e-003**	**0.6325**	**4.8300e-003**	**0.6374**	**0.1717**	**4.5100e-003**	**0.1762**	**0.0000**	**908.7814**	**908.7814**	**0.0263**	**0.0000**	**909.4391**

3.4 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1456	1.3366	1.7138	2.8900e-003		0.0565	0.0565		0.0530	0.0530	0.0000	248.5322	248.5322	0.0599	0.0000	250.0295
Total	**0.1456**	**1.3366**	**1.7138**	**2.8900e-003**		**0.0565**	**0.0565**		**0.0530**	**0.0530**	**0.0000**	**248.5322**	**248.5322**	**0.0599**	**0.0000**	**250.0295**

3.4 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0368	1.2478	0.3474	4.4600e-003	0.1151	1.4500e-003	0.1166	0.0333	1.3900e-003	0.0347	0.0000	427.5469	427.5469	0.0151	0.0000	427.9250
Worker	0.1041	0.0607	0.7173	2.8300e-003	0.3696	2.1500e-003	0.3717	0.0983	1.9800e-003	0.1003	0.0000	256.2989	256.2989	4.2200e-003	0.0000	256.4044
Total	**0.1408**	**1.3085**	**1.0646**	**7.2900e-003**	**0.4847**	**3.6000e-003**	**0.4883**	**0.1316**	**3.3700e-003**	**0.1349**	**0.0000**	**683.8459**	**683.8459**	**0.0193**	**0.0000**	**684.3294**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1456	1.3366	1.7138	2.8900e-003		0.0565	0.0565		0.0530	0.0530	0.0000	248.5319	248.5319	0.0599	0.0000	250.0292
Total	**0.1456**	**1.3366**	**1.7138**	**2.8900e-003**		**0.0565**	**0.0565**		**0.0530**	**0.0530**	**0.0000**	**248.5319**	**248.5319**	**0.0599**	**0.0000**	**250.0292**

3.4 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0368	1.2478	0.3474	4.4600e-003	0.1151	1.4500e-003	0.1166	0.0333	1.3900e-003	0.0347	0.0000	427.5469	427.5469	0.0151	0.0000	427.9250
Worker	0.1041	0.0607	0.7173	2.8300e-003	0.3696	2.1500e-003	0.3717	0.0983	1.9800e-003	0.1003	0.0000	256.2989	256.2989	4.2200e-003	0.0000	256.4044
Total	**0.1408**	**1.3085**	**1.0646**	**7.2900e-003**	**0.4847**	**3.6000e-003**	**0.4883**	**0.1316**	**3.3700e-003**	**0.1349**	**0.0000**	**683.8459**	**683.8459**	**0.0193**	**0.0000**	**684.3294**

3.5 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	5.5701					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.5600e-003	0.0306	0.0482	8.0000e-005		1.3700e-003	1.3700e-003		1.3700e-003	1.3700e-003	0.0000	6.8087	6.8087	3.7000e-004	0.0000	6.8180
Total	**5.5747**	**0.0306**	**0.0482**	**8.0000e-005**		**1.3700e-003**	**1.3700e-003**		**1.3700e-003**	**1.3700e-003**	**0.0000**	**6.8087**	**6.8087**	**3.7000e-004**	**0.0000**	**6.8180**

3.5 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1500e-003	2.4200e-003	0.0286	1.1000e-004	0.0148	9.0000e-005	0.0148	3.9200e-003	8.0000e-005	4.0000e-003	0.0000	10.2300	10.2300	1.7000e-004	0.0000	10.2342
Total	**4.1500e-003**	**2.4200e-003**	**0.0286**	**1.1000e-004**	**0.0148**	**9.0000e-005**	**0.0148**	**3.9200e-003**	**8.0000e-005**	**4.0000e-003**	**0.0000**	**10.2300**	**10.2300**	**1.7000e-004**	**0.0000**	**10.2342**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	5.5701					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.5600e-003	0.0306	0.0482	8.0000e-005		1.3700e-003	1.3700e-003		1.3700e-003	1.3700e-003	0.0000	6.8087	6.8087	3.7000e-004	0.0000	6.8180
Total	**5.5747**	**0.0306**	**0.0482**	**8.0000e-005**		**1.3700e-003**	**1.3700e-003**		**1.3700e-003**	**1.3700e-003**	**0.0000**	**6.8087**	**6.8087**	**3.7000e-004**	**0.0000**	**6.8180**

3.5 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1500e-003	2.4200e-003	0.0286	1.1000e-004	0.0148	9.0000e-005	0.0148	3.9200e-003	8.0000e-005	4.0000e-003	0.0000	10.2300	10.2300	1.7000e-004	0.0000	10.2342
Total	**4.1500e-003**	**2.4200e-003**	**0.0286**	**1.1000e-004**	**0.0148**	**9.0000e-005**	**0.0148**	**3.9200e-003**	**8.0000e-005**	**4.0000e-003**	**0.0000**	**10.2300**	**10.2300**	**1.7000e-004**	**0.0000**	**10.2342**

3.6 Paving - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0183	0.1716	0.2916	4.6000e-004		8.3700e-003	8.3700e-003		7.7000e-003	7.7000e-003	0.0000	40.0385	40.0385	0.0130	0.0000	40.3622
Paving	0.0166					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0349**	**0.1716**	**0.2916**	**4.6000e-004**		**8.3700e-003**	**8.3700e-003**		**7.7000e-003**	**7.7000e-003**	**0.0000**	**40.0385**	**40.0385**	**0.0130**	**0.0000**	**40.3622**

3.6 Paving - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.7000e-004	3.9000e-004	4.6200e-003	2.0000e-005	2.3800e-003	1.0000e-005	2.3900e-003	6.3000e-004	1.0000e-005	6.5000e-004	0.0000	1.6500	1.6500	3.0000e-005	0.0000	1.6507
Total	**6.7000e-004**	**3.9000e-004**	**4.6200e-003**	**2.0000e-005**	**2.3800e-003**	**1.0000e-005**	**2.3900e-003**	**6.3000e-004**	**1.0000e-005**	**6.5000e-004**	**0.0000**	**1.6500**	**1.6500**	**3.0000e-005**	**0.0000**	**1.6507**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0183	0.1716	0.2916	4.6000e-004		8.3700e-003	8.3700e-003		7.7000e-003	7.7000e-003	0.0000	40.0385	40.0385	0.0130	0.0000	40.3622
Paving	0.0166					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0349**	**0.1716**	**0.2916**	**4.6000e-004**		**8.3700e-003**	**8.3700e-003**		**7.7000e-003**	**7.7000e-003**	**0.0000**	**40.0385**	**40.0385**	**0.0130**	**0.0000**	**40.3622**

3.6 Paving - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.7000e-004	3.9000e-004	4.6200e-003	2.0000e-005	2.3800e-003	1.0000e-005	2.3900e-003	6.3000e-004	1.0000e-005	6.5000e-004	0.0000	1.6500	1.6500	3.0000e-005	0.0000	1.6507
Total	**6.7000e-004**	**3.9000e-004**	**4.6200e-003**	**2.0000e-005**	**2.3800e-003**	**1.0000e-005**	**2.3900e-003**	**6.3000e-004**	**1.0000e-005**	**6.5000e-004**	**0.0000**	**1.6500**	**1.6500**	**3.0000e-005**	**0.0000**	**1.6507**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.3714	1.6157	4.1551	0.0166	1.6816	0.0128	1.6944	0.4511	0.0119	0.4630	0.0000	1,526.5951	1,526.5951	0.0486	0.0000	1,527.8103
Unmitigated	0.3714	1.6157	4.1551	0.0166	1.6816	0.0128	1.6944	0.4511	0.0119	0.4630	0.0000	1,526.5951	1,526.5951	0.0486	0.0000	1,527.8103

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	15.12	182.00	133.92	119,405	119,405
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	1,913.52	1,991.91	1732.62	4,385,657	4,385,657
Total	1,928.64	2,173.91	1,866.54	4,505,063	4,505,063

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Single Family Housing	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.599857	0.035995	0.184589	0.112732	0.013754	0.004911	0.010789	0.025450	0.001650	0.001625	0.005224	0.002699	0.000725
City Park	0.599857	0.035995	0.184589	0.112732	0.013754	0.004911	0.010789	0.025450	0.001650	0.001625	0.005224	0.002699	0.000725
Other Asphalt Surfaces	0.599857	0.035995	0.184589	0.112732	0.013754	0.004911	0.010789	0.025450	0.001650	0.001625	0.005224	0.002699	0.000725
Single Family Housing	0.599857	0.035995	0.184589	0.112732	0.013754	0.004911	0.010789	0.025450	0.001650	0.001625	0.005224	0.002699	0.000725

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	362.6578	362.6578	0.0162	3.6900e-003	364.1625
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	362.6578	362.6578	0.0162	3.6900e-003	364.1625
NaturalGas Mitigated	0.0315	0.2692	0.1146	1.7200e-003		0.0218	0.0218		0.0218	0.0218	0.0000	311.7558	311.7558	5.9800e-003	5.7200e-003	313.6084
NaturalGas Unmitigated	0.0315	0.2692	0.1146	1.7200e-003		0.0218	0.0218		0.0218	0.0218	0.0000	311.7558	311.7558	5.9800e-003	5.7200e-003	313.6084

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	5.84208e+006	0.0315	0.2692	0.1146	1.7200e-003		0.0218	0.0218		0.0218	0.0218	0.0000	311.7558	311.7558	5.9800e-003	5.7200e-003	313.6084
Total		**0.0315**	**0.2692**	**0.1146**	**1.7200e-003**		**0.0218**	**0.0218**		**0.0218**	**0.0218**	**0.0000**	**311.7558**	**311.7558**	**5.9800e-003**	**5.7200e-003**	**313.6084**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	5.84208e+006	0.0315	0.2692	0.1146	1.7200e-003		0.0218	0.0218		0.0218	0.0218	0.0000	311.7558	311.7558	5.9800e-003	5.7200e-003	313.6084
Total		**0.0315**	**0.2692**	**0.1146**	**1.7200e-003**		**0.0218**	**0.0218**		**0.0218**	**0.0218**	**0.0000**	**311.7558**	**311.7558**	**5.9800e-003**	**5.7200e-003**	**313.6084**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.6262e+006	362.6578	0.0162	3.6900e-003	364.1625
Total		**362.6578**	**0.0162**	**3.6900e-003**	**364.1625**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.6262e+006	362.6578	0.0162	3.6900e-003	364.1625
Total		**362.6578**	**0.0162**	**3.6900e-003**	**364.1625**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	4.3398	0.0431	3.2139	3.6300e-003		0.2567	0.2567		0.2567	0.2567	25.5493	8.7115	34.2608	0.0506	1.4600e-003	35.9612
Unmitigated	4.3398	0.0431	3.2139	3.6300e-003		0.2567	0.2567		0.2567	0.2567	25.5493	8.7115	34.2608	0.0506	1.4600e-003	35.9612

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.5570					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.5533					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1.1847	0.0260	1.7227	3.5500e-003		0.2484	0.2484		0.2484	0.2484	25.5493	6.2732	31.8225	0.0483	1.4600e-003	33.4645
Landscaping	0.0448	0.0172	1.4912	8.0000e-005		8.2700e-003	8.2700e-003		8.2700e-003	8.2700e-003	0.0000	2.4383	2.4383	2.3400e-003	0.0000	2.4967
Total	**4.3398**	**0.0431**	**3.2139**	**3.6300e-003**		**0.2567**	**0.2567**		**0.2567**	**0.2567**	**25.5493**	**8.7114**	**34.2608**	**0.0506**	**1.4600e-003**	**35.9612**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.5570					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.5533					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1.1847	0.0260	1.7227	3.5500e-003		0.2484	0.2484		0.2484	0.2484	25.5493	6.2732	31.8225	0.0483	1.4600e-003	33.4645
Landscaping	0.0448	0.0172	1.4912	8.0000e-005		8.2700e-003	8.2700e-003		8.2700e-003	8.2700e-003	0.0000	2.4383	2.4383	2.3400e-003	0.0000	2.4967
Total	**4.3398**	**0.0431**	**3.2139**	**3.6300e-003**		**0.2567**	**0.2567**		**0.2567**	**0.2567**	**25.5493**	**8.7114**	**34.2608**	**0.0506**	**1.4600e-003**	**35.9612**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	33.8417	0.4281	0.0104	47.6359
Unmitigated	33.8417	0.4281	0.0104	47.6359

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 9.53185	7.4399	3.3000e-004	8.0000e-005	7.4708
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	13.096 / 8.25615	26.4018	0.4277	0.0103	40.1651
Total		**33.8417**	**0.4281**	**0.0104**	**47.6359**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 9.53185	7.4399	3.3000e-004	8.0000e-005	7.4708
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	13.096 / 8.25615	26.4018	0.4277	0.0103	40.1651
Total		**33.8417**	**0.4281**	**0.0104**	**47.6359**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	55.3008	3.2682	0.0000	137.0055
Unmitigated	55.3008	3.2682	0.0000	137.0055

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.69	0.1401	8.2800e-003	0.0000	0.3470
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	271.74	55.1608	3.2599	0.0000	136.6585
Total		**55.3008**	**3.2682**	**0.0000**	**137.0055**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.69	0.1401	8.2800e-003	0.0000	0.3470
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	271.74	55.1608	3.2599	0.0000	136.6585
Total		**55.3008**	**3.2682**	**0.0000**	**137.0055**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Ranch Construction Phase 2

Contra Costa County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	12.67	Acre	12.67	551,905.20	0
Other Non-Asphalt Surfaces	0.83	Acre	0.83	36,298.55	0
City Park	8.00	Acre	8.00	348,480.00	0
Single Family Housing	201.00	Dwelling Unit	50.99	643,200.00	647

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2026
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	491.65	**CH4 Intensity (lb/MWhr)**	0.022	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Adjusted for Renewable Portfolio Standard (RPS)

Land Use - Based on The Ranch at Antioch Development Standards & Design Guidelines 07.2019 (Carlson Barbee & Gibson, Inc.) and The Ranch TIA 12.2019 (Fehr & Peers) Fire Station"; Population based on City of Antioch Housing Element 2015-2023

Construction Phase - Construction phases were adjusted (by ratio) to accomodate project phasing schedule; It is assumed that homes would be built in batches.

Off-road Equipment - Based on an 8 hour day

Off-road Equipment - Based on an 8 hour day

Off-road Equipment -

Trips and VMT -

Demolition -

Grading - Phase 2: 73 acres graded

Architectural Coating -

Area Coating -

Energy Use -

Solid Waste -

Construction Off-road Equipment Mitigation - Compliance with BAAQMD Best Management Practices threshold for fugitive dust; recommended measures from BAAQMD's Construction Mitigation Measures for all proposed projects.

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	434,160.00	522,349.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,302,480.00	1,567,046.00
tblAreaCoating	Area_Residential_Exterior	434160	522349
tblAreaCoating	Area_Residential_Interior	1302480	1567046
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	75.00	40.00
tblConstructionPhase	NumDays	1,110.00	588.00
tblConstructionPhase	NumDays	110.00	58.00
tblConstructionPhase	NumDays	75.00	40.00
tblConstructionPhase	NumDays	40.00	21.00
tblGrading	AcresOfGrading	145.00	73.00
tblLandUse	LandUseSquareFeet	36,154.80	36,298.55
tblLandUse	LandUseSquareFeet	361,800.00	643,200.00
tblLandUse	LotAcreage	65.26	50.99
tblLandUse	Population	575.00	647.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	641.35	491.65
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	3.2724	32.4051	30.1050	0.1080	18.2141	1.3364	19.4443	9.9699	1.2295	11.1017	0.0000	10,898.3504	10,898.3504	1.9463	0.0000	10,920.7204
2025	3.0130	26.5262	29.2112	0.1063	5.0127	0.6015	5.6142	1.3564	0.5648	1.9212	0.0000	10,730.4613	10,730.4613	0.8812	0.0000	10,752.4910
2026	281.8952	27.9385	32.5668	0.1149	5.7767	0.6735	6.4502	1.5591	0.6365	2.1956	0.0000	11,571.4487	11,571.4487	0.9027	0.0000	11,594.0156
Maximum	**281.8952**	**32.4051**	**32.5668**	**0.1149**	**18.2141**	**1.3364**	**19.4443**	**9.9699**	**1.2295**	**11.1017**	**0.0000**	**11,571.4487**	**11,571.4487**	**1.9463**	**0.0000**	**11,594.0156**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	3.2724	32.4051	30.1050	0.1080	8.2777	1.3364	9.5079	4.5080	1.2295	5.6398	0.0000	10,898.3504	10,898.3504	1.9463	0.0000	10,920.7204
2025	3.0130	26.5262	29.2112	0.1063	5.0127	0.6015	5.6142	1.3564	0.5648	1.9212	0.0000	10,730.4612	10,730.4612	0.8812	0.0000	10,752.4910
2026	281.8952	27.9385	32.5668	0.1149	5.7767	0.6735	6.4502	1.5591	0.6365	2.1956	0.0000	11,571.4487	11,571.4487	0.9027	0.0000	11,594.0156
Maximum	**281.8952**	**32.4051**	**32.5668**	**0.1149**	**8.2777**	**1.3364**	**9.5079**	**4.5080**	**1.2295**	**5.6398**	**0.0000**	**11,571.4487**	**11,571.4487**	**1.9463**	**0.0000**	**11,594.0156**

The Ranch Construction Phase 2 - Contra Costa County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**34.26**	**0.00**	**31.54**	**42.39**	**0.00**	**35.89**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	225.8403	4.2016	285.9673	0.5082		38.1862	38.1862		38.1862	38.1862	4,096.0461	1,271.3343	5,367.3804	5.0932	0.2890	5,580.8418
Energy	0.1726	1.4750	0.6277	9.4200e-003		0.1193	0.1193		0.1193	0.1193		1,883.0244	1,883.0244	0.0361	0.0345	1,894.2142
Mobile	2.7342	9.6028	26.9558	0.1082	10.5921	0.0779	10.6699	2.8329	0.0724	2.9053		10,946.7319	10,946.7319	0.3297		10,954.9736
Total	**228.7471**	**15.2794**	**313.5507**	**0.6259**	**10.5921**	**38.3833**	**48.9753**	**2.8329**	**38.3778**	**41.2107**	**4,096.0461**	**14,101.0906**	**18,197.1366**	**5.4589**	**0.3236**	**18,430.0296**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	225.8403	4.2016	285.9673	0.5082		38.1862	38.1862		38.1862	38.1862	4,096.0461	1,271.3343	5,367.3804	5.0932	0.2890	5,580.8418
Energy	0.1726	1.4750	0.6277	9.4200e-003		0.1193	0.1193		0.1193	0.1193		1,883.0244	1,883.0244	0.0361	0.0345	1,894.2142
Mobile	2.7342	9.6028	26.9558	0.1082	10.5921	0.0779	10.6699	2.8329	0.0724	2.9053		10,946.7319	10,946.7319	0.3297		10,954.9736
Total	**228.7471**	**15.2794**	**313.5507**	**0.6259**	**10.5921**	**38.3833**	**48.9753**	**2.8329**	**38.3778**	**41.2107**	**4,096.0461**	**14,101.0906**	**18,197.1366**	**5.4589**	**0.3236**	**18,430.0296**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	3/19/2024	4/16/2024	5	21	
2	Grading	Grading	4/17/2024	7/5/2024	5	58	
3	Building Construction	Building Construction	7/6/2024	10/7/2026	5	588	
4	Architectural Coating	Architectural Coating	8/13/2026	10/7/2026	5	40	
5	Paving	Paving	10/8/2026	12/2/2026	5	40	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 73

Acres of Paving: 13.5

Residential Indoor: 1,567,046; Residential Outdoor: 522,349; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 35,292 (Architectural Coating – sqft)

OffRoad Equipment

The Ranch Construction Phase 2 - Contra Costa County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	466.00	175.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	93.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310		3,688.0100	3,688.0100	1.1928		3,717.8294
Total	**2.6609**	**27.1760**	**18.3356**	**0.0381**	**18.0663**	**1.2294**	**19.2956**	**9.9307**	**1.1310**	**11.0617**		**3,688.0100**	**3,688.0100**	**1.1928**		**3,717.8294**

3.2 Site Preparation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0488	0.0254	0.3640	1.2900e-003	0.1479	8.7000e-004	0.1487	0.0392	8.0000e-004	0.0400		128.9293	128.9293	2.3900e-003		128.9890
Total	**0.0488**	**0.0254**	**0.3640**	**1.2900e-003**	**0.1479**	**8.7000e-004**	**0.1487**	**0.0392**	**8.0000e-004**	**0.0400**		**128.9293**	**128.9293**	**2.3900e-003**		**128.9890**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310	0.0000	3,688.0100	3,688.0100	1.1928		3,717.8294
Total	**2.6609**	**27.1760**	**18.3356**	**0.0381**	**8.1298**	**1.2294**	**9.3592**	**4.4688**	**1.1310**	**5.5998**	**0.0000**	**3,688.0100**	**3,688.0100**	**1.1928**		**3,717.8294**

3.2 Site Preparation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0488	0.0254	0.3640	1.2900e-003	0.1479	8.7000e-004	0.1487	0.0392	8.0000e-004	0.0400		128.9293	128.9293	2.3900e-003		128.9890
Total	**0.0488**	**0.0254**	**0.3640**	**1.2900e-003**	**0.1479**	**8.7000e-004**	**0.1487**	**0.0392**	**8.0000e-004**	**0.0400**		**128.9293**	**128.9293**	**2.3900e-003**		**128.9890**

3.3 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.3569	0.0000	7.3569	3.4544	0.0000	3.4544			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286		6,009.7487	6,009.7487	1.9437		6,058.3405
Total	**3.2181**	**32.3770**	**27.7228**	**0.0621**	**7.3569**	**1.3354**	**8.6923**	**3.4544**	**1.2286**	**4.6829**		**6,009.7487**	**6,009.7487**	**1.9437**		**6,058.3405**

3.3 Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0542	0.0282	0.4044	1.4400e-003	0.1643	9.7000e-004	0.1653	0.0436	8.9000e-004	0.0445		143.2548	143.2548	2.6500e-003		143.3211
Total	**0.0542**	**0.0282**	**0.4044**	**1.4400e-003**	**0.1643**	**9.7000e-004**	**0.1653**	**0.0436**	**8.9000e-004**	**0.0445**		**143.2548**	**143.2548**	**2.6500e-003**		**143.3211**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3106	0.0000	3.3106	1.5545	0.0000	1.5545			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405
Total	**3.2181**	**32.3770**	**27.7228**	**0.0621**	**3.3106**	**1.3354**	**4.6460**	**1.5545**	**1.2286**	**2.7830**	**0.0000**	**6,009.7487**	**6,009.7487**	**1.9437**		**6,058.3405**

3.3 Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0542	0.0282	0.4044	1.4400e-003	0.1643	9.7000e-004	0.1653	0.0436	8.9000e-004	0.0445		143.2548	143.2548	2.6500e-003		143.3211
Total	**0.0542**	**0.0282**	**0.4044**	**1.4400e-003**	**0.1643**	**9.7000e-004**	**0.1653**	**0.0436**	**8.9000e-004**	**0.0445**		**143.2548**	**143.2548**	**2.6500e-003**		**143.3211**

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166		2,738.7124	2,738.7124	0.6635		2,755.3009
Total	**1.5670**	**14.4249**	**17.2270**	**0.0288**		**0.6565**	**0.6565**		**0.6166**	**0.6166**		**2,738.7124**	**2,738.7124**	**0.6635**		**2,755.3009**

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3803	12.7393	3.4549	0.0457	1.1846	0.0150	1.1996	0.3410	0.0143	0.3553		4,821.8021	4,821.8021	0.1695		4,826.0387
Worker	1.2637	0.6563	9.4231	0.0335	3.8281	0.0225	3.8506	1.0154	0.0207	1.0361		3,337.8359	3,337.8359	0.0618		3,339.3808
Total	**1.6440**	**13.3956**	**12.8780**	**0.0791**	**5.0127**	**0.0375**	**5.0502**	**1.3564**	**0.0350**	**1.3914**		**8,159.6380**	**8,159.6380**	**0.2313**		**8,165.4195**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166	0.0000	2,738.7123	2,738.7123	0.6635		2,755.3009
Total	**1.5670**	**14.4249**	**17.2270**	**0.0288**		**0.6565**	**0.6565**		**0.6166**	**0.6166**	**0.0000**	**2,738.7123**	**2,738.7123**	**0.6635**		**2,755.3009**

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3803	12.7393	3.4549	0.0457	1.1846	0.0150	1.1996	0.3410	0.0143	0.3553		4,821.8021	4,821.8021	0.1695		4,826.0387
Worker	1.2637	0.6563	9.4231	0.0335	3.8281	0.0225	3.8506	1.0154	0.0207	1.0361		3,337.8359	3,337.8359	0.0618		3,339.3808
Total	**1.6440**	**13.3956**	**12.8780**	**0.0791**	**5.0127**	**0.0375**	**5.0502**	**1.3564**	**0.0350**	**1.3914**		**8,159.6380**	**8,159.6380**	**0.2313**		**8,165.4195**

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**		**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1030**

3.4 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3690	12.5641	3.3435	0.0454	1.1847	0.0147	1.1993	0.3410	0.0140	0.3550		4,790.9160	4,790.9160	0.1651		4,795.0424
Worker	1.1880	0.5958	8.7298	0.0321	3.8281	0.0222	3.8503	1.0154	0.0204	1.0358		3,199.9467	3,199.9467	0.0560		3,201.3457
Total	**1.5570**	**13.1599**	**12.0733**	**0.0774**	**5.0127**	**0.0368**	**5.0496**	**1.3564**	**0.0344**	**1.3908**		**7,990.8627**	**7,990.8627**	**0.2210**		**7,996.3881**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**	**0.0000**	**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1029**

3.4 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3690	12.5641	3.3435	0.0454	1.1847	0.0147	1.1993	0.3410	0.0140	0.3550		4,790.9160	4,790.9160	0.1651		4,795.0424
Worker	1.1880	0.5958	8.7298	0.0321	3.8281	0.0222	3.8503	1.0154	0.0204	1.0358		3,199.9467	3,199.9467	0.0560		3,201.3457
Total	**1.5570**	**13.1599**	**12.0733**	**0.0774**	**5.0127**	**0.0368**	**5.0496**	**1.3564**	**0.0344**	**1.3908**		**7,990.8627**	**7,990.8627**	**0.2210**		**7,996.3881**

3.4 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**		**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1030**

3.4 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3592	12.3918	3.2602	0.0451	1.1847	0.0143	1.1990	0.3410	0.0137	0.3547		4,762.8449	4,762.8449	0.1610		4,766.8686
Worker	1.1218	0.5444	8.1334	0.0309	3.8281	0.0215	3.8496	1.0154	0.0198	1.0352		3,079.2190	3,079.2190	0.0509		3,080.4920
Total	**1.4810**	**12.9362**	**11.3936**	**0.0759**	**5.0128**	**0.0358**	**5.0486**	**1.3564**	**0.0335**	**1.3899**		**7,842.0639**	**7,842.0639**	**0.2119**		**7,847.3605**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**	**0.0000**	**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1029**

3.4 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3592	12.3918	3.2602	0.0451	1.1847	0.0143	1.1990	0.3410	0.0137	0.3547		4,762.8449	4,762.8449	0.1610		4,766.8686
Worker	1.1218	0.5444	8.1334	0.0309	3.8281	0.0215	3.8496	1.0154	0.0198	1.0352		3,079.2190	3,079.2190	0.0509		3,080.4920
Total	**1.4810**	**12.9362**	**11.3936**	**0.0759**	**5.0128**	**0.0358**	**5.0486**	**1.3564**	**0.0335**	**1.3899**		**7,842.0639**	**7,842.0639**	**0.2119**		**7,847.3605**

3.5 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	278.5064					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	**278.7342**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**		**375.2641**	**375.2641**	**0.0205**		**375.7758**

3.5 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2239	0.1087	1.6232	6.1600e-003	0.7640	4.2900e-003	0.7683	0.2026	3.9500e-003	0.2066		614.5222	614.5222	0.0102		614.7763
Total	**0.2239**	**0.1087**	**1.6232**	**6.1600e-003**	**0.7640**	**4.2900e-003**	**0.7683**	**0.2026**	**3.9500e-003**	**0.2066**		**614.5222**	**614.5222**	**0.0102**		**614.7763**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	278.5064					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687	0.0000	375.2641	375.2641	0.0205		375.7758
Total	**278.7342**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**	**0.0000**	**375.2641**	**375.2641**	**0.0205**		**375.7758**

3.5 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2239	0.1087	1.6232	6.1600e-003	0.7640	4.2900e-003	0.7683	0.2026	3.9500e-003	0.2066		614.5222	614.5222	0.0102		614.7763
Total	**0.2239**	**0.1087**	**1.6232**	**6.1600e-003**	**0.7640**	**4.2900e-003**	**0.7683**	**0.2026**	**3.9500e-003**	**0.2066**		**614.5222**	**614.5222**	**0.0102**		**614.7763**

3.6 Paving - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.8299					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7450**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**		**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

3.6 Paving - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0361	0.0175	0.2618	9.9000e-004	0.1232	6.9000e-004	0.1239	0.0327	6.4000e-004	0.0333		99.1165	99.1165	1.6400e-003		99.1575
Total	**0.0361**	**0.0175**	**0.2618**	**9.9000e-004**	**0.1232**	**6.9000e-004**	**0.1239**	**0.0327**	**6.4000e-004**	**0.0333**		**99.1165**	**99.1165**	**1.6400e-003**		**99.1575**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.8299					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7450**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**	**0.0000**	**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

3.6 Paving - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0361	0.0175	0.2618	9.9000e-004	0.1232	6.9000e-004	0.1239	0.0327	6.4000e-004	0.0333		99.1165	99.1165	1.6400e-003		99.1575
Total	**0.0361**	**0.0175**	**0.2618**	**9.9000e-004**	**0.1232**	**6.9000e-004**	**0.1239**	**0.0327**	**6.4000e-004**	**0.0333**		**99.1165**	**99.1165**	**1.6400e-003**		**99.1575**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.7342	9.6028	26.9558	0.1082	10.5921	0.0779	10.6699	2.8329	0.0724	2.9053		10,946.7319	10,946.7319	0.3297		10,954.9736
Unmitigated	2.7342	9.6028	26.9558	0.1082	10.5921	0.0779	10.6699	2.8329	0.0724	2.9053		10,946.7319	10,946.7319	0.3297		10,954.9736

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	15.12	182.00	133.92	119,405	119,405
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	1,913.52	1,991.91	1732.62	4,385,657	4,385,657
Total	1,928.64	2,173.91	1,866.54	4,505,063	4,505,063

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Single Family Housing	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.599857	0.035995	0.184589	0.112732	0.013754	0.004911	0.010789	0.025450	0.001650	0.001625	0.005224	0.002699	0.000725
City Park	0.599857	0.035995	0.184589	0.112732	0.013754	0.004911	0.010789	0.025450	0.001650	0.001625	0.005224	0.002699	0.000725
Other Asphalt Surfaces	0.599857	0.035995	0.184589	0.112732	0.013754	0.004911	0.010789	0.025450	0.001650	0.001625	0.005224	0.002699	0.000725
Single Family Housing	0.599857	0.035995	0.184589	0.112732	0.013754	0.004911	0.010789	0.025450	0.001650	0.001625	0.005224	0.002699	0.000725

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1726	1.4750	0.6277	9.4200e-003		0.1193	0.1193		0.1193	0.1193		1,883.0244	1,883.0244	0.0361	0.0345	1,894.2142
NaturalGas Unmitigated	0.1726	1.4750	0.6277	9.4200e-003		0.1193	0.1193		0.1193	0.1193		1,883.0244	1,883.0244	0.0361	0.0345	1,894.2142

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	16005.7	0.1726	1.4750	0.6277	9.4200e-003		0.1193	0.1193		0.1193	0.1193		1,883.0244	1,883.0244	0.0361	0.0345	1,894.2142
Total		**0.1726**	**1.4750**	**0.6277**	**9.4200e-003**		**0.1193**	**0.1193**		**0.1193**	**0.1193**		**1,883.0244**	**1,883.0244**	**0.0361**	**0.0345**	**1,894.2142**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	16.0057	0.1726	1.4750	0.6277	9.4200e-003		0.1193	0.1193		0.1193	0.1193		1,883.0244	1,883.0244	0.0361	0.0345	1,894.2142
Total		**0.1726**	**1.4750**	**0.6277**	**9.4200e-003**		**0.1193**	**0.1193**		**0.1193**	**0.1193**		**1,883.0244**	**1,883.0244**	**0.0361**	**0.0345**	**1,894.2142**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	225.8403	4.2016	285.9673	0.5082		38.1862	38.1862		38.1862	38.1862	4,096.0461	1,271.3343	5,367.3804	5.0932	0.2890	5,580.8418
Unmitigated	225.8403	4.2016	285.9673	0.5082		38.1862	38.1862		38.1862	38.1862	4,096.0461	1,271.3343	5,367.3804	5.0932	0.2890	5,580.8418

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.0521					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	13.9908					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	208.2998	4.0107	269.3980	0.5074		38.0942	38.0942		38.0942	38.0942	4,096.0461	1,241.4706	5,337.5166	5.0646	0.2890	5,550.2629
Landscaping	0.4976	0.1909	16.5692	8.8000e-004		0.0919	0.0919		0.0919	0.0919		29.8637	29.8637	0.0286		30.5789
Total	**225.8403**	**4.2016**	**285.9673**	**0.5082**		**38.1862**	**38.1862**		**38.1862**	**38.1862**	**4,096.0461**	**1,271.3343**	**5,367.3804**	**5.0932**	**0.2890**	**5,580.8418**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.0521					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	13.9908					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	208.2998	4.0107	269.3980	0.5074		38.0942	38.0942		38.0942	38.0942	4,096.0461	1,241.4706	5,337.5166	5.0646	0.2890	5,550.2629
Landscaping	0.4976	0.1909	16.5692	8.8000e-004		0.0919	0.0919		0.0919	0.0919		29.8637	29.8637	0.0286		30.5789
Total	**225.8403**	**4.2016**	**285.9673**	**0.5082**		**38.1862**	**38.1862**		**38.1862**	**38.1862**	**4,096.0461**	**1,271.3343**	**5,367.3804**	**5.0932**	**0.2890**	**5,580.8418**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Ranch Construction Phase 2

Contra Costa County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	12.67	Acre	12.67	551,905.20	0
Other Non-Asphalt Surfaces	0.83	Acre	0.83	36,298.55	0
City Park	8.00	Acre	8.00	348,480.00	0
Single Family Housing	201.00	Dwelling Unit	50.99	643,200.00	647

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2026
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	491.65	**CH4 Intensity (lb/MWhr)**	0.022	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

The Ranch Construction Phase 2 - Contra Costa County, Winter

Project Characteristics - Adjusted for Renewable Portfolio Standard (RPS)

Land Use - Based on The Ranch at Antioch Development Standards & Design Guidelines 07.2019 (Carlson Barbee & Gibson, Inc.) and The Ranch TIA 12.2019 (Fehr & Peers) Fire Station"; Population based on City of Antioch Housing Element 2015-2023

Construction Phase - Construction phases were adjusted (by ratio) to accomodate project phasing schedule; It is assumed that homes would be built in batches.

Off-road Equipment - Based on an 8 hour day

Off-road Equipment - Based on an 8 hour day

Off-road Equipment -

Trips and VMT -

Demolition -

Grading - Phase 2: 73 acres graded

Architectural Coating -

Area Coating -

Energy Use -

Solid Waste -

Construction Off-road Equipment Mitigation - Compliance with BAAQMD Best Management Practices threshold for fugitive dust; recommended measures from BAAQMD's Construction Mitigation Measures for all proposed projects.

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	434,160.00	522,349.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,302,480.00	1,567,046.00
tblAreaCoating	Area_Residential_Exterior	434160	522349
tblAreaCoating	Area_Residential_Interior	1302480	1567046
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	75.00	40.00
tblConstructionPhase	NumDays	1,110.00	588.00
tblConstructionPhase	NumDays	110.00	58.00
tblConstructionPhase	NumDays	75.00	40.00
tblConstructionPhase	NumDays	40.00	21.00
tblGrading	AcresOfGrading	145.00	73.00
tblLandUse	LandUseSquareFeet	36,154.80	36,298.55
tblLandUse	LandUseSquareFeet	361,800.00	643,200.00
tblLandUse	LotAcreage	65.26	50.99
tblLandUse	Population	575.00	647.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	641.35	491.65
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	3.2735	32.4116	29.6683	0.1037	18.2141	1.3364	19.4443	9.9699	1.2295	11.1017	0.0000	10,463.1563	10,463.1563	1.9461	0.0000	10,485.7393
2025	3.0648	26.7189	28.8051	0.1022	5.0127	0.6020	5.6148	1.3564	0.5653	1.9217	0.0000	10,310.0138	10,310.0138	0.8895	0.0000	10,332.2520
2026	281.9549	28.1405	32.0210	0.1103	5.7767	0.6739	6.4507	1.5591	0.6369	2.1960	0.0000	11,106.1498	11,106.1498	0.9098	0.0000	11,128.8958
Maximum	**281.9549**	**32.4116**	**32.0210**	**0.1103**	**18.2141**	**1.3364**	**19.4443**	**9.9699**	**1.2295**	**11.1017**	**0.0000**	**11,106.1498**	**11,106.1498**	**1.9461**	**0.0000**	**11,128.8958**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	3.2735	32.4116	29.6683	0.1037	8.2777	1.3364	9.5079	4.5080	1.2295	5.6398	0.0000	10,463.1563	10,463.1563	1.9461	0.0000	10,485.7393
2025	3.0648	26.7189	28.8051	0.1022	5.0127	0.6020	5.6148	1.3564	0.5653	1.9217	0.0000	10,310.0138	10,310.0138	0.8895	0.0000	10,332.2520
2026	281.9549	28.1405	32.0210	0.1103	5.7767	0.6739	6.4507	1.5591	0.6369	2.1960	0.0000	11,106.1497	11,106.1497	0.9098	0.0000	11,128.8958
Maximum	**281.9549**	**32.4116**	**32.0210**	**0.1103**	**8.2777**	**1.3364**	**9.5079**	**4.5080**	**1.2295**	**5.6398**	**0.0000**	**11,106.1497**	**11,106.1497**	**1.9461**	**0.0000**	**11,128.8958**

The Ranch Construction Phase 2 - Contra Costa County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**34.26**	**0.00**	**31.53**	**42.39**	**0.00**	**35.89**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	225.8403	4.2016	285.9673	0.5082		38.1862	38.1862		38.1862	38.1862	4,096.0461	1,271.3343	5,367.3804	5.0932	0.2890	5,580.8418
Energy	0.1726	1.4750	0.6277	9.4200e-003		0.1193	0.1193		0.1193	0.1193		1,883.0244	1,883.0244	0.0361	0.0345	1,894.2142
Mobile	2.2002	10.0336	26.4830	0.1000	10.5921	0.0782	10.6702	2.8329	0.0727	2.9056		10,120.3644	10,120.3644	0.3350		10,128.7395
Total	**228.2131**	**15.7102**	**313.0779**	**0.6177**	**10.5921**	**38.3836**	**48.9757**	**2.8329**	**38.3781**	**41.2110**	**4,096.0461**	**13,274.7230**	**17,370.7691**	**5.4643**	**0.3236**	**17,603.7955**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	225.8403	4.2016	285.9673	0.5082		38.1862	38.1862		38.1862	38.1862	4,096.0461	1,271.3343	5,367.3804	5.0932	0.2890	5,580.8418
Energy	0.1726	1.4750	0.6277	9.4200e-003		0.1193	0.1193		0.1193	0.1193		1,883.0244	1,883.0244	0.0361	0.0345	1,894.2142
Mobile	2.2002	10.0336	26.4830	0.1000	10.5921	0.0782	10.6702	2.8329	0.0727	2.9056		10,120.3644	10,120.3644	0.3350		10,128.7395
Total	**228.2131**	**15.7102**	**313.0779**	**0.6177**	**10.5921**	**38.3836**	**48.9757**	**2.8329**	**38.3781**	**41.2110**	**4,096.0461**	**13,274.7230**	**17,370.7691**	**5.4643**	**0.3236**	**17,603.7955**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	3/19/2024	4/16/2024	5	21	
2	Grading	Grading	4/17/2024	7/5/2024	5	58	
3	Building Construction	Building Construction	7/6/2024	10/7/2026	5	588	
4	Architectural Coating	Architectural Coating	8/13/2026	10/7/2026	5	40	
5	Paving	Paving	10/8/2026	12/2/2026	5	40	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 73

Acres of Paving: 13.5

Residential Indoor: 1,567,046; Residential Outdoor: 522,349; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 35,292 (Architectural Coating – sqft)

OffRoad Equipment

The Ranch Construction Phase 2 - Contra Costa County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	466.00	175.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	93.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310		3,688.0100	3,688.0100	1.1928		3,717.8294
Total	**2.6609**	**27.1760**	**18.3356**	**0.0381**	**18.0663**	**1.2294**	**19.2956**	**9.9307**	**1.1310**	**11.0617**		**3,688.0100**	**3,688.0100**	**1.1928**		**3,717.8294**

3.2 Site Preparation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0499	0.0312	0.3283	1.1700e-003	0.1479	8.7000e-004	0.1487	0.0392	8.0000e-004	0.0400		116.8294	116.8294	2.1700e-003		116.8836
Total	**0.0499**	**0.0312**	**0.3283**	**1.1700e-003**	**0.1479**	**8.7000e-004**	**0.1487**	**0.0392**	**8.0000e-004**	**0.0400**		**116.8294**	**116.8294**	**2.1700e-003**		**116.8836**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310	0.0000	3,688.0100	3,688.0100	1.1928		3,717.8294
Total	**2.6609**	**27.1760**	**18.3356**	**0.0381**	**8.1298**	**1.2294**	**9.3592**	**4.4688**	**1.1310**	**5.5998**	**0.0000**	**3,688.0100**	**3,688.0100**	**1.1928**		**3,717.8294**

3.2 Site Preparation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0499	0.0312	0.3283	1.1700e-003	0.1479	8.7000e-004	0.1487	0.0392	8.0000e-004	0.0400		116.8294	116.8294	2.1700e-003		116.8836
Total	**0.0499**	**0.0312**	**0.3283**	**1.1700e-003**	**0.1479**	**8.7000e-004**	**0.1487**	**0.0392**	**8.0000e-004**	**0.0400**		**116.8294**	**116.8294**	**2.1700e-003**		**116.8836**

3.3 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.3569	0.0000	7.3569	3.4544	0.0000	3.4544			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286		6,009.7487	6,009.7487	1.9437		6,058.3405
Total	**3.2181**	**32.3770**	**27.7228**	**0.0621**	**7.3569**	**1.3354**	**8.6923**	**3.4544**	**1.2286**	**4.6829**		**6,009.7487**	**6,009.7487**	**1.9437**		**6,058.3405**

3.3 Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0554	0.0347	0.3648	1.3000e-003	0.1643	9.7000e-004	0.1653	0.0436	8.9000e-004	0.0445		129.8104	129.8104	2.4100e-003		129.8706
Total	**0.0554**	**0.0347**	**0.3648**	**1.3000e-003**	**0.1643**	**9.7000e-004**	**0.1653**	**0.0436**	**8.9000e-004**	**0.0445**		**129.8104**	**129.8104**	**2.4100e-003**		**129.8706**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3106	0.0000	3.3106	1.5545	0.0000	1.5545			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405
Total	**3.2181**	**32.3770**	**27.7228**	**0.0621**	**3.3106**	**1.3354**	**4.6460**	**1.5545**	**1.2286**	**2.7830**	**0.0000**	**6,009.7487**	**6,009.7487**	**1.9437**		**6,058.3405**

3.3 Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0554	0.0347	0.3648	1.3000e-003	0.1643	9.7000e-004	0.1653	0.0436	8.9000e-004	0.0445		129.8104	129.8104	2.4100e-003		129.8706
Total	**0.0554**	**0.0347**	**0.3648**	**1.3000e-003**	**0.1643**	**9.7000e-004**	**0.1653**	**0.0436**	**8.9000e-004**	**0.0445**		**129.8104**	**129.8104**	**2.4100e-003**		**129.8706**

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166		2,738.7124	2,738.7124	0.6635		2,755.3009
Total	**1.5670**	**14.4249**	**17.2270**	**0.0288**		**0.6565**	**0.6565**		**0.6166**	**0.6166**		**2,738.7124**	**2,738.7124**	**0.6635**		**2,755.3009**

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4043	12.7981	3.9421	0.0445	1.1846	0.0155	1.2002	0.3410	0.0149	0.3559		4,699.8616	4,699.8616	0.1836		4,704.4525
Worker	1.2906	0.8079	8.4992	0.0303	3.8281	0.0225	3.8506	1.0154	0.0207	1.0361		3,024.5824	3,024.5824	0.0561		3,025.9860
Total	**1.6949**	**13.6060**	**12.4413**	**0.0748**	**5.0127**	**0.0380**	**5.0507**	**1.3564**	**0.0356**	**1.3920**		**7,724.4440**	**7,724.4440**	**0.2398**		**7,730.4385**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166	0.0000	2,738.7123	2,738.7123	0.6635		2,755.3009
Total	**1.5670**	**14.4249**	**17.2270**	**0.0288**		**0.6565**	**0.6565**		**0.6166**	**0.6166**	**0.0000**	**2,738.7123**	**2,738.7123**	**0.6635**		**2,755.3009**

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4043	12.7981	3.9421	0.0445	1.1846	0.0155	1.2002	0.3410	0.0149	0.3559		4,699.8616	4,699.8616	0.1836		4,704.4525
Worker	1.2906	0.8079	8.4992	0.0303	3.8281	0.0225	3.8506	1.0154	0.0207	1.0361		3,024.5824	3,024.5824	0.0561		3,025.9860
Total	**1.6949**	**13.6060**	**12.4413**	**0.0748**	**5.0127**	**0.0380**	**5.0507**	**1.3564**	**0.0356**	**1.3920**		**7,724.4440**	**7,724.4440**	**0.2398**		**7,730.4385**

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**		**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1030**

3.4 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3921	12.6194	3.8132	0.0442	1.1847	0.0152	1.1998	0.3410	0.0145	0.3555		4,670.6320	4,670.6320	0.1786		4,675.0977
Worker	1.2167	0.7331	7.8540	0.0291	3.8281	0.0222	3.8503	1.0154	0.0204	1.0358		2,899.7832	2,899.7832	0.0507		2,901.0513
Total	**1.6087**	**13.3526**	**11.6672**	**0.0733**	**5.0127**	**0.0373**	**5.0501**	**1.3564**	**0.0349**	**1.3913**		**7,570.4152**	**7,570.4152**	**0.2294**		**7,576.1490**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**	**0.0000**	**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1029**

3.4 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3921	12.6194	3.8132	0.0442	1.1847	0.0152	1.1998	0.3410	0.0145	0.3555		4,670.6320	4,670.6320	0.1786		4,675.0977
Worker	1.2167	0.7331	7.8540	0.0291	3.8281	0.0222	3.8503	1.0154	0.0204	1.0358		2,899.7832	2,899.7832	0.0507		2,901.0513
Total	**1.6087**	**13.3526**	**11.6672**	**0.0733**	**5.0127**	**0.0373**	**5.0501**	**1.3564**	**0.0349**	**1.3913**		**7,570.4152**	**7,570.4152**	**0.2294**		**7,576.1490**

3.4 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**		**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1030**

3.4 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3814	12.4434	3.7163	0.0440	1.1847	0.0148	1.1994	0.3410	0.0141	0.3551		4,643.9936	4,643.9936	0.1740		4,648.3425
Worker	1.1531	0.6697	7.2982	0.0280	3.8281	0.0215	3.8496	1.0154	0.0198	1.0352		2,790.4093	2,790.4093	0.0461		2,791.5606
Total	**1.5345**	**13.1132**	**11.0145**	**0.0719**	**5.0128**	**0.0363**	**5.0490**	**1.3564**	**0.0339**	**1.3903**		**7,434.4029**	**7,434.4029**	**0.2200**		**7,439.9030**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**	**0.0000**	**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1029**

3.4 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3814	12.4434	3.7163	0.0440	1.1847	0.0148	1.1994	0.3410	0.0141	0.3551		4,643.9936	4,643.9936	0.1740		4,648.3425
Worker	1.1531	0.6697	7.2982	0.0280	3.8281	0.0215	3.8496	1.0154	0.0198	1.0352		2,790.4093	2,790.4093	0.0461		2,791.5606
Total	**1.5345**	**13.1132**	**11.0145**	**0.0719**	**5.0128**	**0.0363**	**5.0490**	**1.3564**	**0.0339**	**1.3903**		**7,434.4029**	**7,434.4029**	**0.2200**		**7,439.9030**

3.5 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	278.5064					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	**278.7342**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**		**375.2641**	**375.2641**	**0.0205**		**375.7758**

3.5 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2301	0.1337	1.4565	5.5800e-003	0.7640	4.2900e-003	0.7683	0.2026	3.9500e-003	0.2066		556.8843	556.8843	9.1900e-003		557.1140
Total	**0.2301**	**0.1337**	**1.4565**	**5.5800e-003**	**0.7640**	**4.2900e-003**	**0.7683**	**0.2026**	**3.9500e-003**	**0.2066**		**556.8843**	**556.8843**	**9.1900e-003**		**557.1140**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	278.5064					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687	0.0000	375.2641	375.2641	0.0205		375.7758
Total	**278.7342**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**	**0.0000**	**375.2641**	**375.2641**	**0.0205**		**375.7758**

3.5 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2301	0.1337	1.4565	5.5800e-003	0.7640	4.2900e-003	0.7683	0.2026	3.9500e-003	0.2066		556.8843	556.8843	9.1900e-003		557.1140
Total	**0.2301**	**0.1337**	**1.4565**	**5.5800e-003**	**0.7640**	**4.2900e-003**	**0.7683**	**0.2026**	**3.9500e-003**	**0.2066**		**556.8843**	**556.8843**	**9.1900e-003**		**557.1140**

3.6 Paving - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.8299					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7450**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**		**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

3.6 Paving - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0371	0.0216	0.2349	9.0000e-004	0.1232	6.9000e-004	0.1239	0.0327	6.4000e-004	0.0333		89.8200	89.8200	1.4800e-003		89.8571
Total	**0.0371**	**0.0216**	**0.2349**	**9.0000e-004**	**0.1232**	**6.9000e-004**	**0.1239**	**0.0327**	**6.4000e-004**	**0.0333**		**89.8200**	**89.8200**	**1.4800e-003**		**89.8571**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.8299					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7450**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**	**0.0000**	**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

3.6 Paving - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0371	0.0216	0.2349	9.0000e-004	0.1232	6.9000e-004	0.1239	0.0327	6.4000e-004	0.0333		89.8200	89.8200	1.4800e-003		89.8571
Total	**0.0371**	**0.0216**	**0.2349**	**9.0000e-004**	**0.1232**	**6.9000e-004**	**0.1239**	**0.0327**	**6.4000e-004**	**0.0333**		**89.8200**	**89.8200**	**1.4800e-003**		**89.8571**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.2002	10.0336	26.4830	0.1000	10.5921	0.0782	10.6702	2.8329	0.0727	2.9056		10,120.3644	10,120.3644	0.3350		10,128.7395
Unmitigated	2.2002	10.0336	26.4830	0.1000	10.5921	0.0782	10.6702	2.8329	0.0727	2.9056		10,120.3644	10,120.3644	0.3350		10,128.7395

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	15.12	182.00	133.92	119,405	119,405
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	1,913.52	1,991.91	1732.62	4,385,657	4,385,657
Total	1,928.64	2,173.91	1,866.54	4,505,063	4,505,063

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Single Family Housing	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.599857	0.035995	0.184589	0.112732	0.013754	0.004911	0.010789	0.025450	0.001650	0.001625	0.005224	0.002699	0.000725
City Park	0.599857	0.035995	0.184589	0.112732	0.013754	0.004911	0.010789	0.025450	0.001650	0.001625	0.005224	0.002699	0.000725
Other Asphalt Surfaces	0.599857	0.035995	0.184589	0.112732	0.013754	0.004911	0.010789	0.025450	0.001650	0.001625	0.005224	0.002699	0.000725
Single Family Housing	0.599857	0.035995	0.184589	0.112732	0.013754	0.004911	0.010789	0.025450	0.001650	0.001625	0.005224	0.002699	0.000725

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1726	1.4750	0.6277	9.4200e-003		0.1193	0.1193		0.1193	0.1193		1,883.0244	1,883.0244	0.0361	0.0345	1,894.2142
NaturalGas Unmitigated	0.1726	1.4750	0.6277	9.4200e-003		0.1193	0.1193		0.1193	0.1193		1,883.0244	1,883.0244	0.0361	0.0345	1,894.2142

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	16005.7	0.1726	1.4750	0.6277	9.4200e-003		0.1193	0.1193		0.1193	0.1193		1,883.0244	1,883.0244	0.0361	0.0345	1,894.2142
Total		**0.1726**	**1.4750**	**0.6277**	**9.4200e-003**		**0.1193**	**0.1193**		**0.1193**	**0.1193**		**1,883.0244**	**1,883.0244**	**0.0361**	**0.0345**	**1,894.2142**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	16.0057	0.1726	1.4750	0.6277	9.4200e-003		0.1193	0.1193		0.1193	0.1193		1,883.0244	1,883.0244	0.0361	0.0345	1,894.2142
Total		**0.1726**	**1.4750**	**0.6277**	**9.4200e-003**		**0.1193**	**0.1193**		**0.1193**	**0.1193**		**1,883.0244**	**1,883.0244**	**0.0361**	**0.0345**	**1,894.2142**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	225.8403	4.2016	285.9673	0.5082		38.1862	38.1862		38.1862	38.1862	4,096.0461	1,271.3343	5,367.3804	5.0932	0.2890	5,580.8418
Unmitigated	225.8403	4.2016	285.9673	0.5082		38.1862	38.1862		38.1862	38.1862	4,096.0461	1,271.3343	5,367.3804	5.0932	0.2890	5,580.8418

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.0521					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	13.9908					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	208.2998	4.0107	269.3980	0.5074		38.0942	38.0942		38.0942	38.0942	4,096.0461	1,241.4706	5,337.5166	5.0646	0.2890	5,550.2629
Landscaping	0.4976	0.1909	16.5692	8.8000e-004		0.0919	0.0919		0.0919	0.0919		29.8637	29.8637	0.0286		30.5789
Total	**225.8403**	**4.2016**	**285.9673**	**0.5082**		**38.1862**	**38.1862**		**38.1862**	**38.1862**	**4,096.0461**	**1,271.3343**	**5,367.3804**	**5.0932**	**0.2890**	**5,580.8418**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.0521					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	13.9908					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	208.2998	4.0107	269.3980	0.5074		38.0942	38.0942		38.0942	38.0942	4,096.0461	1,241.4706	5,337.5166	5.0646	0.2890	5,550.2629
Landscaping	0.4976	0.1909	16.5692	8.8000e-004		0.0919	0.0919		0.0919	0.0919		29.8637	29.8637	0.0286		30.5789
Total	**225.8403**	**4.2016**	**285.9673**	**0.5082**		**38.1862**	**38.1862**		**38.1862**	**38.1862**	**4,096.0461**	**1,271.3343**	**5,367.3804**	**5.0932**	**0.2890**	**5,580.8418**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Ranch Construction Phase 3

Contra Costa County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	12.97	Acre	12.97	564,973.20	0
Other Non-Asphalt Surfaces	1.09	Acre	1.09	47,480.40	0
City Park	6.62	Acre	6.62	288,367.20	0
Single Family Housing	555.00	Dwelling Unit	111.50	1,587,000.00	1587

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2029
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	491.65	**CH4 Intensity (lb/MWhr)**	0.022	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Adjusted for Renewable Portfolio Standard (RPS)

Land Use - Based on The Ranch at Antioch Development Standards & Design Guidelines 07.2019 (Carlson Barbee & Gibson, Inc.) and The Ranch TIA 12.2019 (Fehr & Peers); Other Non-Asphalt surfaces= open trails and landscape

Construction Phase - Construction Phase - Construction phases were adjusted (by ratio) to accomodate project phasing schedule; It is assumed that homes would be built in batches.

Off-road Equipment - Based on an 8 hour day

Off-road Equipment - Based on an 8 hour day

Off-road Equipment -

Trips and VMT -

Grading - Phase 3: 135 acres graded; Cut and fill quantities are unavailable

Architectural Coating -

Area Coating -

Energy Use -

Construction Off-road Equipment Mitigation - Compliance with BAAQMD Best Management Practices threshold for fugitive dust; recommended measures from BAAQMD's Construction Mitigation Measures for all proposed projects.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,071,225.00	1,207,069.00
tblArchitecturalCoating	ConstArea_Residential_Interior	3,213,675.00	3,621,206.00
tblAreaCoating	Area_Residential_Exterior	1071225	1207069
tblAreaCoating	Area_Residential_Interior	3213675	3621206
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	220.00	42.00
tblConstructionPhase	NumDays	3,100.00	589.00
tblConstructionPhase	NumDays	310.00	59.00
tblConstructionPhase	NumDays	220.00	42.00
tblConstructionPhase	NumDays	120.00	23.00
tblGrading	AcresOfGrading	147.50	135.00
tblLandUse	LandUseSquareFeet	999,000.00	1,587,000.00
tblLandUse	LotAcreage	180.19	111.50
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	641.35	491.65
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2027	0.3064	2.8747	2.8066	9.4000e-003	0.8290	0.0832	0.9122	0.3205	0.0773	0.3977	0.0000	854.4152	854.4152	0.1150	0.0000	857.2905
2028	0.3928	3.6886	3.7566	0.0148	0.7730	0.0786	0.8516	0.2097	0.0738	0.2835	0.0000	1,360.3502	1,360.3502	0.1057	0.0000	1,362.9929
2029	13.0646	3.1123	3.3106	0.0123	0.6343	0.0724	0.7066	0.1719	0.0679	0.2398	0.0000	1,129.3421	1,129.3421	0.0973	0.0000	1,131.7738
Maximum	**13.0646**	**3.6886**	**3.7566**	**0.0148**	**0.8290**	**0.0832**	**0.9122**	**0.3205**	**0.0773**	**0.3977**	**0.0000**	**1,360.3502**	**1,360.3502**	**0.1150**	**0.0000**	**1,362.9929**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2027	0.3064	2.8747	2.8066	9.4000e-003	0.5776	0.0832	0.6609	0.1997	0.0773	0.2769	0.0000	854.4147	854.4147	0.1150	0.0000	857.2901
2028	0.3928	3.6886	3.7565	0.0148	0.7730	0.0786	0.8516	0.2097	0.0738	0.2835	0.0000	1,360.3498	1,360.3498	0.1057	0.0000	1,362.9925
2029	13.0646	3.1123	3.3106	0.0123	0.6343	0.0724	0.7066	0.1719	0.0679	0.2398	0.0000	1,129.3418	1,129.3418	0.0973	0.0000	1,131.7734
Maximum	**13.0646**	**3.6886**	**3.7565**	**0.0148**	**0.7730**	**0.0832**	**0.8516**	**0.2097**	**0.0773**	**0.2835**	**0.0000**	**1,360.3498**	**1,360.3498**	**0.1150**	**0.0000**	**1,362.9925**

The Ranch Construction Phase 3 - Contra Costa County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**11.24**	**0.00**	**10.17**	**17.20**	**0.00**	**13.11**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**3-22-2027**	**6-21-2027**	0.9809	0.9809
2	**6-22-2027**	**9-21-2027**	1.0334	1.0334
3	**9-22-2027**	**12-21-2027**	1.0354	1.0354
4	**12-22-2027**	**3-21-2028**	1.0270	1.0270
5	**3-22-2028**	**6-21-2028**	1.0297	1.0297
6	**6-22-2028**	**9-21-2028**	1.0288	1.0288
7	**9-22-2028**	**12-21-2028**	1.0250	1.0250
8	**12-22-2028**	**3-21-2029**	1.0047	1.0047
9	**3-22-2029**	**6-21-2029**	1.0189	1.0189
10	**6-22-2029**	**9-21-2029**	8.8303	8.8303
11	**9-22-2029**	**9-30-2029**	2.0526	2.0526
		Highest	8.8303	8.8303

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	10.9067	0.1191	8.8739	0.0100		0.7088	0.7088		0.7088	0.7088	70.5466	24.0533	94.5999	0.1397	4.0300e-003	99.2951
Energy	0.0870	0.7433	0.3163	4.7400e-003		0.0601	0.0601		0.0601	0.0601	0.0000	1,862.1867	1,862.1867	0.0613	0.0260	1,871.4571
Mobile	0.8659	3.9736	9.6482	0.0417	4.5560	0.0286	4.5846	1.2218	0.0266	1.2484	0.0000	3,834.1533	3,834.1533	0.1171	0.0000	3,837.0801
Waste						0.0000	0.0000		0.0000	0.0000	135.4173	0.0000	135.4173	8.0029	0.0000	335.4906
Water						0.0000	0.0000		0.0000	0.0000	11.4721	67.5850	79.0570	1.1813	0.0285	117.0857
Total	**11.8596**	**4.8360**	**18.8384**	**0.0565**	**4.5560**	**0.7975**	**5.3534**	**1.2218**	**0.7955**	**2.0173**	**217.4359**	**5,787.9783**	**6,005.4142**	**9.5024**	**0.0585**	**6,260.4085**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	10.9067	0.1191	8.8739	0.0100		0.7088	0.7088		0.7088	0.7088	70.5466	24.0533	94.5999	0.1397	4.0300e-003	99.2951
Energy	0.0870	0.7433	0.3163	4.7400e-003		0.0601	0.0601		0.0601	0.0601	0.0000	1,862.1867	1,862.1867	0.0613	0.0260	1,871.4571
Mobile	0.8659	3.9736	9.6482	0.0417	4.5560	0.0286	4.5846	1.2218	0.0266	1.2484	0.0000	3,834.1533	3,834.1533	0.1171	0.0000	3,837.0801
Waste						0.0000	0.0000		0.0000	0.0000	135.4173	0.0000	135.4173	8.0029	0.0000	335.4906
Water						0.0000	0.0000		0.0000	0.0000	11.4721	67.5850	79.0570	1.1813	0.0285	117.0857
Total	**11.8596**	**4.8360**	**18.8384**	**0.0565**	**4.5560**	**0.7975**	**5.3534**	**1.2218**	**0.7955**	**2.0173**	**217.4359**	**5,787.9783**	**6,005.4142**	**9.5024**	**0.0585**	**6,260.4085**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

The Ranch Construction Phase 3 - Contra Costa County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	3/22/2027	4/21/2027	5	23	
2	Grading	Grading	4/22/2027	7/13/2027	5	59	
3	Building Construction	Building Construction	7/14/2027	10/15/2029	5	589	
4	Architectural Coating	Architectural Coating	8/17/2029	10/15/2029	5	42	
5	Paving	Paving	10/16/2029	12/12/2029	5	42	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 135

Acres of Paving: 14.06

Residential Indoor: 3,621,206; Residential Outdoor: 1,207,069; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 36,747 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
	Air Compressors	1	6.00	78	0.48
	Cranes	1	7.00	231	0.29
	Excavators	2	8.00	158	0.38
	Forklifts	3	8.00	89	0.20
	Generator Sets	1	8.00	84	0.74
	Graders	1	8.00	187	0.41
	Pavers	2	8.00	130	0.42
	Paving Equipment	2	8.00	132	0.36
	Rollers	2	8.00	80	0.38
	Rubber Tired Dozers	3	8.00	247	0.40
	Rubber Tired Dozers	1	8.00	247	0.40

	Scrapers	2	8.00	367	0.48
	Tractors/Loaders/Backhoes	4	8.00	97	0.37
	Tractors/Loaders/Backhoes	2	8.00	97	0.37
	Tractors/Loaders/Backhoes	3	7.00	97	0.37
	Welders	1	8.00	46	0.45
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	578.00	207.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	116.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2078	0.0000	0.2078	0.1142	0.0000	0.1142	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0284	0.2902	0.2060	4.4000e-004		0.0125	0.0125		0.0115	0.0115	0.0000	38.4870	38.4870	0.0125	0.0000	38.7982
Total	**0.0284**	**0.2902**	**0.2060**	**4.4000e-004**	**0.2078**	**0.0125**	**0.2203**	**0.1142**	**0.0115**	**0.1257**	**0.0000**	**38.4870**	**38.4870**	**0.0125**	**0.0000**	**38.7982**

3.2 Site Preparation - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	2.5000e-004	2.9800e-003	1.0000e-005	1.6400e-003	1.0000e-005	1.6500e-003	4.4000e-004	1.0000e-005	4.4000e-004	0.0000	1.0991	1.0991	2.0000e-005	0.0000	1.0995
Total	**4.4000e-004**	**2.5000e-004**	**2.9800e-003**	**1.0000e-005**	**1.6400e-003**	**1.0000e-005**	**1.6500e-003**	**4.4000e-004**	**1.0000e-005**	**4.4000e-004**	**0.0000**	**1.0991**	**1.0991**	**2.0000e-005**	**0.0000**	**1.0995**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0935	0.0000	0.0935	0.0514	0.0000	0.0514	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0284	0.2902	0.2060	4.4000e-004		0.0125	0.0125		0.0115	0.0115	0.0000	38.4870	38.4870	0.0125	0.0000	38.7982
Total	**0.0284**	**0.2902**	**0.2060**	**4.4000e-004**	**0.0935**	**0.0125**	**0.1060**	**0.0514**	**0.0115**	**0.0629**	**0.0000**	**38.4870**	**38.4870**	**0.0125**	**0.0000**	**38.7982**

3.2 Site Preparation - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	2.5000e-004	2.9800e-003	1.0000e-005	1.6400e-003	1.0000e-005	1.6500e-003	4.4000e-004	1.0000e-005	4.4000e-004	0.0000	1.0991	1.0991	2.0000e-005	0.0000	1.0995
Total	**4.4000e-004**	**2.5000e-004**	**2.9800e-003**	**1.0000e-005**	**1.6400e-003**	**1.0000e-005**	**1.6500e-003**	**4.4000e-004**	**1.0000e-005**	**4.4000e-004**	**0.0000**	**1.0991**	**1.0991**	**2.0000e-005**	**0.0000**	**1.0995**

3.3 Grading - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2492	0.0000	0.2492	0.1054	0.0000	0.1054	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0856	0.8243	0.7768	1.8300e-003		0.0334	0.0334		0.0307	0.0307	0.0000	160.7933	160.7933	0.0520	0.0000	162.0934
Total	**0.0856**	**0.8243**	**0.7768**	**1.8300e-003**	**0.2492**	**0.0334**	**0.2826**	**0.1054**	**0.0307**	**0.1361**	**0.0000**	**160.7933**	**160.7933**	**0.0520**	**0.0000**	**162.0934**

3.3 Grading - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2500e-003	7.0000e-004	8.4800e-003	3.0000e-005	4.6800e-003	3.0000e-005	4.7100e-003	1.2400e-003	2.0000e-005	1.2700e-003	0.0000	3.1327	3.1327	5.0000e-005	0.0000	3.1339
Total	**1.2500e-003**	**7.0000e-004**	**8.4800e-003**	**3.0000e-005**	**4.6800e-003**	**3.0000e-005**	**4.7100e-003**	**1.2400e-003**	**2.0000e-005**	**1.2700e-003**	**0.0000**	**3.1327**	**3.1327**	**5.0000e-005**	**0.0000**	**3.1339**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1122	0.0000	0.1122	0.0474	0.0000	0.0474	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0856	0.8243	0.7768	1.8300e-003		0.0334	0.0334		0.0307	0.0307	0.0000	160.7931	160.7931	0.0520	0.0000	162.0932
Total	**0.0856**	**0.8243**	**0.7768**	**1.8300e-003**	**0.1122**	**0.0334**	**0.1455**	**0.0474**	**0.0307**	**0.0781**	**0.0000**	**160.7931**	**160.7931**	**0.0520**	**0.0000**	**162.0932**

3.3 Grading - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2500e-003	7.0000e-004	8.4800e-003	3.0000e-005	4.6800e-003	3.0000e-005	4.7100e-003	1.2400e-003	2.0000e-005	1.2700e-003	0.0000	3.1327	3.1327	5.0000e-005	0.0000	3.1339
Total	**1.2500e-003**	**7.0000e-004**	**8.4800e-003**	**3.0000e-005**	**4.6800e-003**	**3.0000e-005**	**4.7100e-003**	**1.2400e-003**	**2.0000e-005**	**1.2700e-003**	**0.0000**	**3.1327**	**3.1327**	**5.0000e-005**	**0.0000**	**3.1339**

3.4 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0896	0.8220	1.0540	1.7700e-003		0.0347	0.0347		0.0326	0.0326	0.0000	152.8473	152.8473	0.0368	0.0000	153.7681
Total	**0.0896**	**0.8220**	**1.0540**	**1.7700e-003**		**0.0347**	**0.0347**		**0.0326**	**0.0326**	**0.0000**	**152.8473**	**152.8473**	**0.0368**	**0.0000**	**153.7681**

3.4 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0261	0.8948	0.2475	3.2300e-003	0.0837	1.0300e-003	0.0848	0.0242	9.8000e-004	0.0252	0.0000	309.3156	309.3156	0.0107	0.0000	309.5838
Worker	0.0751	0.0424	0.5110	2.0800e-003	0.2819	1.5600e-003	0.2835	0.0750	1.4300e-003	0.0764	0.0000	188.7402	188.7402	2.9300e-003	0.0000	188.8135
Total	**0.1012**	**0.9372**	**0.7584**	**5.3100e-003**	**0.3657**	**2.5900e-003**	**0.3683**	**0.0992**	**2.4100e-003**	**0.1016**	**0.0000**	**498.0557**	**498.0557**	**0.0137**	**0.0000**	**498.3974**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0896	0.8220	1.0540	1.7700e-003		0.0347	0.0347		0.0326	0.0326	0.0000	152.8471	152.8471	0.0368	0.0000	153.7679
Total	**0.0896**	**0.8220**	**1.0540**	**1.7700e-003**		**0.0347**	**0.0347**		**0.0326**	**0.0326**	**0.0000**	**152.8471**	**152.8471**	**0.0368**	**0.0000**	**153.7679**

3.4 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0261	0.8948	0.2475	3.2300e-003	0.0837	1.0300e-003	0.0848	0.0242	9.8000e-004	0.0252	0.0000	309.3156	309.3156	0.0107	0.0000	309.5838
Worker	0.0751	0.0424	0.5110	2.0800e-003	0.2819	1.5600e-003	0.2835	0.0750	1.4300e-003	0.0764	0.0000	188.7402	188.7402	2.9300e-003	0.0000	188.8135
Total	**0.1012**	**0.9372**	**0.7584**	**5.3100e-003**	**0.3657**	**2.5900e-003**	**0.3683**	**0.0992**	**2.4100e-003**	**0.1016**	**0.0000**	**498.0557**	**498.0557**	**0.0137**	**0.0000**	**498.3974**

3.4 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1893	1.7376	2.2279	3.7500e-003		0.0734	0.0734		0.0690	0.0690	0.0000	323.0919	323.0919	0.0779	0.0000	325.0383
Total	**0.1893**	**1.7376**	**2.2279**	**3.7500e-003**		**0.0734**	**0.0734**		**0.0690**	**0.0690**	**0.0000**	**323.0919**	**323.0919**	**0.0779**	**0.0000**	**325.0383**

3.4 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0541	1.8685	0.5154	6.7900e-003	0.1770	2.1200e-003	0.1791	0.0512	2.0300e-003	0.0532	0.0000	650.8415	650.8415	0.0222	0.0000	651.3957
Worker	0.1494	0.0825	1.0132	4.2700e-003	0.5960	3.0600e-003	0.5990	0.1585	2.8100e-003	0.1613	0.0000	386.4168	386.4168	5.6900e-003	0.0000	386.5589
Total	**0.2035**	**1.9510**	**1.5286**	**0.0111**	**0.7730**	**5.1800e-003**	**0.7781**	**0.2097**	**4.8400e-003**	**0.2145**	**0.0000**	**1,037.2584**	**1,037.2584**	**0.0279**	**0.0000**	**1,037.9546**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1893	1.7376	2.2279	3.7500e-003		0.0734	0.0734		0.0690	0.0690	0.0000	323.0915	323.0915	0.0779	0.0000	325.0379
Total	**0.1893**	**1.7376**	**2.2279**	**3.7500e-003**		**0.0734**	**0.0734**		**0.0690**	**0.0690**	**0.0000**	**323.0915**	**323.0915**	**0.0779**	**0.0000**	**325.0379**

3.4 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0541	1.8685	0.5154	6.7900e-003	0.1770	2.1200e-003	0.1791	0.0512	2.0300e-003	0.0532	0.0000	650.8415	650.8415	0.0222	0.0000	651.3957
Worker	0.1494	0.0825	1.0132	4.2700e-003	0.5960	3.0600e-003	0.5990	0.1585	2.8100e-003	0.1613	0.0000	386.4168	386.4168	5.6900e-003	0.0000	386.5589
Total	**0.2035**	**1.9510**	**1.5286**	**0.0111**	**0.7730**	**5.1800e-003**	**0.7781**	**0.2097**	**4.8400e-003**	**0.2145**	**0.0000**	**1,037.2584**	**1,037.2584**	**0.0279**	**0.0000**	**1,037.9546**

3.4 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1500	1.3767	1.7652	2.9700e-003		0.0582	0.0582		0.0546	0.0546	0.0000	255.9882	255.9882	0.0617	0.0000	257.5303
Total	**0.1500**	**1.3767**	**1.7652**	**2.9700e-003**		**0.0582**	**0.0582**		**0.0546**	**0.0546**	**0.0000**	**255.9882**	**255.9882**	**0.0617**	**0.0000**	**257.5303**

3.4 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0421	1.4604	0.4012	5.3500e-003	0.1403	1.6500e-003	0.1419	0.0406	1.5800e-003	0.0421	0.0000	512.9750	512.9750	0.0173	0.0000	513.4071
Worker	0.1105	0.0601	0.7526	3.2800e-003	0.4722	2.2500e-003	0.4744	0.1256	2.0700e-003	0.1276	0.0000	297.4448	297.4448	4.1200e-003	0.0000	297.5478
Total	**0.1525**	**1.5205**	**1.1538**	**8.6300e-003**	**0.6124**	**3.9000e-003**	**0.6163**	**0.1661**	**3.6500e-003**	**0.1698**	**0.0000**	**810.4198**	**810.4198**	**0.0214**	**0.0000**	**810.9549**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1500	1.3767	1.7652	2.9700e-003		0.0582	0.0582		0.0546	0.0546	0.0000	255.9879	255.9879	0.0617	0.0000	257.5300
Total	**0.1500**	**1.3767**	**1.7652**	**2.9700e-003**		**0.0582**	**0.0582**		**0.0546**	**0.0546**	**0.0000**	**255.9879**	**255.9879**	**0.0617**	**0.0000**	**257.5300**

3.4 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0421	1.4604	0.4012	5.3500e-003	0.1403	1.6500e-003	0.1419	0.0406	1.5800e-003	0.0421	0.0000	512.9750	512.9750	0.0173	0.0000	513.4071
Worker	0.1105	0.0601	0.7526	3.2800e-003	0.4722	2.2500e-003	0.4744	0.1256	2.0700e-003	0.1276	0.0000	297.4448	297.4448	4.1200e-003	0.0000	297.5478
Total	**0.1525**	**1.5205**	**1.1538**	**8.6300e-003**	**0.6124**	**3.9000e-003**	**0.6163**	**0.1661**	**3.6500e-003**	**0.1698**	**0.0000**	**810.4198**	**810.4198**	**0.0214**	**0.0000**	**810.9549**

3.5 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	12.7160					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.7800e-003	0.0321	0.0507	8.0000e-005		1.4400e-003	1.4400e-003		1.4400e-003	1.4400e-003	0.0000	7.1491	7.1491	3.9000e-004	0.0000	7.1589
Total	**12.7207**	**0.0321**	**0.0507**	**8.0000e-005**		**1.4400e-003**	**1.4400e-003**		**1.4400e-003**	**1.4400e-003**	**0.0000**	**7.1491**	**7.1491**	**3.9000e-004**	**0.0000**	**7.1589**

3.5 Architectural Coating - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5200e-003	2.4600e-003	0.0308	1.3000e-004	0.0193	9.0000e-005	0.0194	5.1400e-003	8.0000e-005	5.2200e-003	0.0000	12.1708	12.1708	1.7000e-004	0.0000	12.1750
Total	**4.5200e-003**	**2.4600e-003**	**0.0308**	**1.3000e-004**	**0.0193**	**9.0000e-005**	**0.0194**	**5.1400e-003**	**8.0000e-005**	**5.2200e-003**	**0.0000**	**12.1708**	**12.1708**	**1.7000e-004**	**0.0000**	**12.1750**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	12.7160					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.7800e-003	0.0321	0.0507	8.0000e-005		1.4400e-003	1.4400e-003		1.4400e-003	1.4400e-003	0.0000	7.1491	7.1491	3.9000e-004	0.0000	7.1589
Total	**12.7207**	**0.0321**	**0.0507**	**8.0000e-005**		**1.4400e-003**	**1.4400e-003**		**1.4400e-003**	**1.4400e-003**	**0.0000**	**7.1491**	**7.1491**	**3.9000e-004**	**0.0000**	**7.1589**

3.5 Architectural Coating - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5200e-003	2.4600e-003	0.0308	1.3000e-004	0.0193	9.0000e-005	0.0194	5.1400e-003	8.0000e-005	5.2200e-003	0.0000	12.1708	12.1708	1.7000e-004	0.0000	12.1750
Total	**4.5200e-003**	**2.4600e-003**	**0.0308**	**1.3000e-004**	**0.0193**	**9.0000e-005**	**0.0194**	**5.1400e-003**	**8.0000e-005**	**5.2200e-003**	**0.0000**	**12.1708**	**12.1708**	**1.7000e-004**	**0.0000**	**12.1750**

3.6 Paving - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0192	0.1802	0.3061	4.8000e-004		8.7900e-003	8.7900e-003		8.0900e-003	8.0900e-003	0.0000	42.0404	42.0404	0.0136	0.0000	42.3804
Paving	0.0170					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0362**	**0.1802**	**0.3061**	**4.8000e-004**		**8.7900e-003**	**8.7900e-003**		**8.0900e-003**	**8.0900e-003**	**0.0000**	**42.0404**	**42.0404**	**0.0136**	**0.0000**	**42.3804**

3.6 Paving - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8000e-004	3.2000e-004	3.9800e-003	2.0000e-005	2.5000e-003	1.0000e-005	2.5100e-003	6.6000e-004	1.0000e-005	6.8000e-004	0.0000	1.5738	1.5738	2.0000e-005	0.0000	1.5744
Total	**5.8000e-004**	**3.2000e-004**	**3.9800e-003**	**2.0000e-005**	**2.5000e-003**	**1.0000e-005**	**2.5100e-003**	**6.6000e-004**	**1.0000e-005**	**6.8000e-004**	**0.0000**	**1.5738**	**1.5738**	**2.0000e-005**	**0.0000**	**1.5744**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0192	0.1802	0.3061	4.8000e-004		8.7900e-003	8.7900e-003		8.0900e-003	8.0900e-003	0.0000	42.0404	42.0404	0.0136	0.0000	42.3803
Paving	0.0170					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0362**	**0.1802**	**0.3061**	**4.8000e-004**		**8.7900e-003**	**8.7900e-003**		**8.0900e-003**	**8.0900e-003**	**0.0000**	**42.0404**	**42.0404**	**0.0136**	**0.0000**	**42.3803**

3.6 Paving - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8000e-004	3.2000e-004	3.9800e-003	2.0000e-005	2.5000e-003	1.0000e-005	2.5100e-003	6.6000e-004	1.0000e-005	6.8000e-004	0.0000	1.5738	1.5738	2.0000e-005	0.0000	1.5744
Total	**5.8000e-004**	**3.2000e-004**	**3.9800e-003**	**2.0000e-005**	**2.5000e-003**	**1.0000e-005**	**2.5100e-003**	**6.6000e-004**	**1.0000e-005**	**6.8000e-004**	**0.0000**	**1.5738**	**1.5738**	**2.0000e-005**	**0.0000**	**1.5744**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.8659	3.9736	9.6482	0.0417	4.5560	0.0286	4.5846	1.2218	0.0266	1.2484	0.0000	3,834.1533	3,834.1533	0.1171	0.0000	3,837.0801
Unmitigated	0.8659	3.9736	9.6482	0.0417	4.5560	0.0286	4.5846	1.2218	0.0266	1.2484	0.0000	3,834.1533	3,834.1533	0.1171	0.0000	3,837.0801

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	12.51	150.61	110.82	98,808	98,808
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	5,283.60	5,500.05	4784.10	12,109,651	12,109,651
Total	5,296.11	5,650.66	4,894.92	12,208,458	12,208,458

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Single Family Housing	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Other Asphalt Surfaces	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Other Non-Asphalt Surfaces	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Single Family Housing	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,001.3684	1,001.3684	0.0448	0.0102	1,005.5234
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,001.3684	1,001.3684	0.0448	0.0102	1,005.5234
NaturalGas Mitigated	0.0870	0.7433	0.3163	4.7400e-003		0.0601	0.0601		0.0601	0.0601	0.0000	860.8183	860.8183	0.0165	0.0158	865.9337
NaturalGas Unmitigated	0.0870	0.7433	0.3163	4.7400e-003		0.0601	0.0601		0.0601	0.0601	0.0000	860.8183	860.8183	0.0165	0.0158	865.9337

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.61311e+007	0.0870	0.7433	0.3163	4.7400e-003		0.0601	0.0601		0.0601	0.0601	0.0000	860.8183	860.8183	0.0165	0.0158	865.9337
Total		**0.0870**	**0.7433**	**0.3163**	**4.7400e-003**		**0.0601**	**0.0601**		**0.0601**	**0.0601**	**0.0000**	**860.8183**	**860.8183**	**0.0165**	**0.0158**	**865.9337**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.61311e+007	0.0870	0.7433	0.3163	4.7400e-003		0.0601	0.0601		0.0601	0.0601	0.0000	860.8183	860.8183	0.0165	0.0158	865.9337
Total		**0.0870**	**0.7433**	**0.3163**	**4.7400e-003**		**0.0601**	**0.0601**		**0.0601**	**0.0601**	**0.0000**	**860.8183**	**860.8183**	**0.0165**	**0.0158**	**865.9337**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	4.49027e+006	1,001.3684	0.0448	0.0102	1,005.5234
Total		**1,001.3684**	**0.0448**	**0.0102**	**1,005.5234**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	4.49027e+006	1,001.3684	0.0448	0.0102	1,005.5234
Total		**1,001.3684**	**0.0448**	**0.0102**	**1,005.5234**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	10.9067	0.1191	8.8739	0.0100		0.7088	0.7088		0.7088	0.7088	70.5466	24.0533	94.5999	0.1397	4.0300e-003	99.2951
Unmitigated	10.9067	0.1191	8.8739	0.0100		0.7088	0.7088		0.7088	0.7088	70.5466	24.0533	94.5999	0.1397	4.0300e-003	99.2951

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.2716					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	6.2403					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	3.2712	0.0717	4.7566	9.8000e-003		0.6859	0.6859		0.6859	0.6859	70.5466	17.3215	87.8681	0.1333	4.0300e-003	92.4021
Landscaping	0.1236	0.0474	4.1172	2.2000e-004		0.0228	0.0228		0.0228	0.0228	0.0000	6.7319	6.7319	6.4500e-003	0.0000	6.8930
Total	**10.9067**	**0.1191**	**8.8738**	**0.0100**		**0.7088**	**0.7088**		**0.7088**	**0.7088**	**70.5466**	**24.0533**	**94.5999**	**0.1397**	**4.0300e-003**	**99.2951**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.2716					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	6.2403					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	3.2712	0.0717	4.7566	9.8000e-003		0.6859	0.6859		0.6859	0.6859	70.5466	17.3215	87.8681	0.1333	4.0300e-003	92.4021
Landscaping	0.1236	0.0474	4.1172	2.2000e-004		0.0228	0.0228		0.0228	0.0228	0.0000	6.7319	6.7319	6.4500e-003	0.0000	6.8930
Total	**10.9067**	**0.1191**	**8.8738**	**0.0100**		**0.7088**	**0.7088**		**0.7088**	**0.7088**	**70.5466**	**24.0533**	**94.5999**	**0.1397**	**4.0300e-003**	**99.2951**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	79.0570	1.1813	0.0285	117.0857
Unmitigated	79.0570	1.1813	0.0285	117.0857

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 7.88761	6.1565	2.8000e-004	6.0000e-005	6.1821
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	36.1605 / 22.7968	72.9005	1.1810	0.0285	110.9036
Total		**79.0571**	**1.1813**	**0.0285**	**117.0857**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 7.88761	6.1565	2.8000e-004	6.0000e-005	6.1821
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	36.1605 / 22.7968	72.9005	1.1810	0.0285	110.9036
Total		**79.0571**	**1.1813**	**0.0285**	**117.0857**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	135.4173	8.0029	0.0000	335.4906
Unmitigated	135.4173	8.0029	0.0000	335.4906

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.57	0.1157	6.8400e-003	0.0000	0.2867
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	666.54	135.3016	7.9961	0.0000	335.2040
Total		**135.4173**	**8.0029**	**0.0000**	**335.4906**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.57	0.1157	6.8400e-003	0.0000	0.2867
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	666.54	135.3016	7.9961	0.0000	335.2040
Total		**135.4173**	**8.0029**	**0.0000**	**335.4906**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Ranch Construction Phase 3

Contra Costa County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	12.97	Acre	12.97	564,973.20	0
Other Non-Asphalt Surfaces	1.09	Acre	1.09	47,480.40	0
City Park	6.62	Acre	6.62	288,367.20	0
Single Family Housing	555.00	Dwelling Unit	111.50	1,587,000.00	1587

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2029
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	491.65	**CH4 Intensity (lb/MWhr)**	0.022	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Adjusted for Renewable Portfolio Standard (RPS)

Land Use - Based on The Ranch at Antioch Development Standards & Design Guidelines 07.2019 (Carlson Barbee & Gibson, Inc.) and The Ranch TIA 12.2019 (Fehr & Peers); Other Non-Asphalt surfaces= open trails and landscape

Construction Phase - Construction Phase - Construction phases were adjusted (by ratio) to accomodate project phasing schedule; It is assumed that homes would be built in batches.

Off-road Equipment - Based on an 8 hour day

Off-road Equipment - Based on an 8 hour day

Off-road Equipment -

Trips and VMT -

Grading - Phase 3: 135 acres graded; Cut and fill quantities are unavailable

Architectural Coating -

Area Coating -

Energy Use -

Construction Off-road Equipment Mitigation - Compliance with BAAQMD Best Management Practices threshold for fugitive dust; recommended measures from BAAQMD's Construction Mitigation Measures for all proposed projects.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,071,225.00	1,207,069.00
tblArchitecturalCoating	ConstArea_Residential_Interior	3,213,675.00	3,621,206.00
tblAreaCoating	Area_Residential_Exterior	1071225	1207069
tblAreaCoating	Area_Residential_Interior	3213675	3621206
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	220.00	42.00
tblConstructionPhase	NumDays	3,100.00	589.00
tblConstructionPhase	NumDays	310.00	59.00
tblConstructionPhase	NumDays	220.00	42.00
tblConstructionPhase	NumDays	120.00	23.00
tblGrading	AcresOfGrading	147.50	135.00
tblLandUse	LandUseSquareFeet	999,000.00	1,587,000.00
tblLandUse	LotAcreage	180.19	111.50
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	641.35	491.65
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2027	3.1847	28.4366	30.3523	0.1188	18.2141	1.1318	19.3017	9.9699	1.0412	10.9705	0.0000	12,029.3730	12,029.3730	1.9452	0.0000	12,051.9634
2028	3.0989	28.2138	29.7276	0.1174	6.1495	0.6044	6.7539	1.6629	0.5675	2.2303	0.0000	11,887.6649	11,887.6649	0.8947	0.0000	11,910.0335
2029	608.9891	29.6096	33.2095	0.1270	7.1025	0.6754	7.7779	1.9156	0.6383	2.5540	0.0000	12,828.4090	12,828.4090	0.9177	0.0000	12,851.3510
Maximum	**608.9891**	**29.6096**	**33.2095**	**0.1270**	**18.2141**	**1.1318**	**19.3017**	**9.9699**	**1.0412**	**10.9705**	**0.0000**	**12,828.4090**	**12,828.4090**	**1.9452**	**0.0000**	**12,851.3510**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2027	3.1847	28.4366	30.3523	0.1188	8.2777	1.1318	9.3653	4.5080	1.0412	5.5086	0.0000	12,029.3730	12,029.3730	1.9452	0.0000	12,051.9634
2028	3.0989	28.2138	29.7276	0.1174	6.1495	0.6044	6.7539	1.6629	0.5675	2.2303	0.0000	11,887.6649	11,887.6649	0.8947	0.0000	11,910.0335
2029	608.9891	29.6096	33.2095	0.1270	7.1025	0.6754	7.7779	1.9156	0.6383	2.5540	0.0000	12,828.4090	12,828.4090	0.9177	0.0000	12,851.3510
Maximum	**608.9891**	**29.6096**	**33.2095**	**0.1270**	**8.2777**	**1.1318**	**9.3653**	**4.5080**	**1.0412**	**5.5086**	**0.0000**	**12,828.4090**	**12,828.4090**	**1.9452**	**0.0000**	**12,851.3510**

The Ranch Construction Phase 3 - Contra Costa County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**31.58**	**0.00**	**29.37**	**40.31**	**0.00**	**34.67**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	617.6911	11.6014	789.6071	1.4033		105.4394	105.4394		105.4394	105.4394	11,309.9779	3,510.3922	14,820.3701	14.0632	0.7981	15,409.7779
Energy	0.4766	4.0729	1.7331	0.0260		0.3293	0.3293		0.3293	0.3293		5,199.3956	5,199.3956	0.0997	0.0953	5,230.2930
Mobile	6.1524	22.7987	60.3349	0.2611	27.6456	0.1676	27.8132	7.3928	0.1558	7.5485		26,450.4464	26,450.4464	0.7617		26,469.4892
Total	**624.3201**	**38.4729**	**851.6751**	**1.6904**	**27.6456**	**105.9363**	**133.5819**	**7.3928**	**105.9244**	**113.3172**	**11,309.9779**	**35,160.2342**	**46,470.2121**	**14.9246**	**0.8934**	**47,109.5602**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	617.6911	11.6014	789.6071	1.4033		105.4394	105.4394		105.4394	105.4394	11,309.9779	3,510.3922	14,820.3701	14.0632	0.7981	15,409.7779
Energy	0.4766	4.0729	1.7331	0.0260		0.3293	0.3293		0.3293	0.3293		5,199.3956	5,199.3956	0.0997	0.0953	5,230.2930
Mobile	6.1524	22.7987	60.3349	0.2611	27.6456	0.1676	27.8132	7.3928	0.1558	7.5485		26,450.4464	26,450.4464	0.7617		26,469.4892
Total	**624.3201**	**38.4729**	**851.6751**	**1.6904**	**27.6456**	**105.9363**	**133.5819**	**7.3928**	**105.9244**	**113.3172**	**11,309.9779**	**35,160.2342**	**46,470.2121**	**14.9246**	**0.8934**	**47,109.5602**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	3/22/2027	4/21/2027	5	23	
2	Grading	Grading	4/22/2027	7/13/2027	5	59	
3	Building Construction	Building Construction	7/14/2027	10/15/2029	5	589	
4	Architectural Coating	Architectural Coating	8/17/2029	10/15/2029	5	42	
5	Paving	Paving	10/16/2029	12/12/2029	5	42	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 135

Acres of Paving: 14.06

Residential Indoor: 3,621,206; Residential Outdoor: 1,207,069; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 36,747 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
	Air Compressors	1	6.00	78	0.48
	Cranes	1	7.00	231	0.29
	Excavators	2	8.00	158	0.38
	Forklifts	3	8.00	89	0.20
	Generator Sets	1	8.00	84	0.74

	Graders	1	8.00	187	0.41
	Pavers	2	8.00	130	0.42
	Paving Equipment	2	8.00	132	0.36
	Rollers	2	8.00	80	0.38
	Rubber Tired Dozers	3	8.00	247	0.40
	Rubber Tired Dozers	1	8.00	247	0.40
	Scrapers	2	8.00	367	0.48
	Tractors/Loaders/Backhoes	4	8.00	97	0.37
	Tractors/Loaders/Backhoes	2	8.00	97	0.37
	Tractors/Loaders/Backhoes	3	7.00	97	0.37
	Welders	1	8.00	46	0.45
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	578.00	207.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	116.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	**2.4727**	**25.2339**	**17.9118**	**0.0381**	**18.0663**	**1.0868**	**19.1531**	**9.9307**	**0.9999**	**10.9305**		**3,689.1037**	**3,689.1037**	**1.1931**		**3,718.9320**

3.2 Site Preparation - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0409	0.0193	0.2939	1.1500e-003	0.1479	7.9000e-004	0.1487	0.0392	7.3000e-004	0.0400		114.8261	114.8261	1.8000e-003		114.8710
Total	**0.0409**	**0.0193**	**0.2939**	**1.1500e-003**	**0.1479**	**7.9000e-004**	**0.1487**	**0.0392**	**7.3000e-004**	**0.0400**		**114.8261**	**114.8261**	**1.8000e-003**		**114.8710**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	**2.4727**	**25.2339**	**17.9118**	**0.0381**	**8.1298**	**1.0868**	**9.2166**	**4.4688**	**0.9999**	**5.4687**	**0.0000**	**3,689.1037**	**3,689.1037**	**1.1931**		**3,718.9320**

3.2 Site Preparation - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0409	0.0193	0.2939	1.1500e-003	0.1479	7.9000e-004	0.1487	0.0392	7.3000e-004	0.0400		114.8261	114.8261	1.8000e-003		114.8710
Total	**0.0409**	**0.0193**	**0.2939**	**1.1500e-003**	**0.1479**	**7.9000e-004**	**0.1487**	**0.0392**	**7.3000e-004**	**0.0400**		**114.8261**	**114.8261**	**1.8000e-003**		**114.8710**

3.3 Grading - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.4487	0.0000	8.4487	3.5722	0.0000	3.5722			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	**2.9012**	**27.9429**	**26.3311**	**0.0621**	**8.4487**	**1.1309**	**9.5795**	**3.5722**	**1.0404**	**4.6127**		**6,008.2814**	**6,008.2814**	**1.9432**		**6,056.8614**

3.3 Grading - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0455	0.0214	0.3266	1.2800e-003	0.1643	8.8000e-004	0.1652	0.0436	8.1000e-004	0.0444		127.5846	127.5846	1.9900e-003		127.6345
Total	**0.0455**	**0.0214**	**0.3266**	**1.2800e-003**	**0.1643**	**8.8000e-004**	**0.1652**	**0.0436**	**8.1000e-004**	**0.0444**		**127.5846**	**127.5846**	**1.9900e-003**		**127.6345**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.8019	0.0000	3.8019	1.6075	0.0000	1.6075			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	**2.9012**	**27.9429**	**26.3311**	**0.0621**	**3.8019**	**1.1309**	**4.9328**	**1.6075**	**1.0404**	**2.6479**	**0.0000**	**6,008.2814**	**6,008.2814**	**1.9432**		**6,056.8614**

3.3 Grading - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0455	0.0214	0.3266	1.2800e-003	0.1643	8.8000e-004	0.1652	0.0436	8.1000e-004	0.0444		127.5846	127.5846	1.9900e-003		127.6345
Total	**0.0455**	**0.0214**	**0.3266**	**1.2800e-003**	**0.1643**	**8.8000e-004**	**0.1652**	**0.0436**	**8.1000e-004**	**0.0444**		**127.5846**	**127.5846**	**1.9900e-003**		**127.6345**

3.4 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**		**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1030**

3.4 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4150	14.4511	3.7771	0.0530	1.4013	0.0165	1.4179	0.4034	0.0158	0.4192		5,602.5795	5,602.5795	0.1858		5,607.2243
Worker	1.3137	0.6191	9.4374	0.0370	4.7481	0.0253	4.7735	1.2594	0.0233	1.2827		3,687.1949	3,687.1949	0.0577		3,688.6362
Total	**1.7287**	**15.0702**	**13.2145**	**0.0900**	**6.1495**	**0.0419**	**6.1914**	**1.6628**	**0.0391**	**1.7019**		**9,289.7745**	**9,289.7745**	**0.2434**		**9,295.8605**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**	**0.0000**	**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1029**

3.4 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4150	14.4511	3.7771	0.0530	1.4013	0.0165	1.4179	0.4034	0.0158	0.4192		5,602.5795	5,602.5795	0.1858		5,607.2243
Worker	1.3137	0.6191	9.4374	0.0370	4.7481	0.0253	4.7735	1.2594	0.0233	1.2827		3,687.1949	3,687.1949	0.0577		3,688.6362
Total	**1.7287**	**15.0702**	**13.2145**	**0.0900**	**6.1495**	**0.0419**	**6.1914**	**1.6628**	**0.0391**	**1.7019**		**9,289.7745**	**9,289.7745**	**0.2434**		**9,295.8605**

3.4 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**		**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1030**

3.4 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4070	14.2778	3.7219	0.0528	1.4014	0.0162	1.4176	0.4034	0.0155	0.4189		5,576.6200	5,576.6200	0.1817		5,581.1616
Worker	1.2358	0.5696	8.8679	0.0358	4.7481	0.0235	4.7716	1.2594	0.0216	1.2811		3,571.4463	3,571.4463	0.0529		3,572.7689
Total	**1.6429**	**14.8474**	**12.5898**	**0.0886**	**6.1495**	**0.0397**	**6.1892**	**1.6629**	**0.0371**	**1.6999**		**9,148.0663**	**9,148.0663**	**0.2346**		**9,153.9305**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**	**0.0000**	**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1029**

3.4 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4070	14.2778	3.7219	0.0528	1.4014	0.0162	1.4176	0.4034	0.0155	0.4189		5,576.6200	5,576.6200	0.1817		5,581.1616
Worker	1.2358	0.5696	8.8679	0.0358	4.7481	0.0235	4.7716	1.2594	0.0216	1.2811		3,571.4463	3,571.4463	0.0529		3,572.7689
Total	**1.6429**	**14.8474**	**12.5898**	**0.0886**	**6.1495**	**0.0397**	**6.1892**	**1.6629**	**0.0371**	**1.6999**		**9,148.0663**	**9,148.0663**	**0.2346**		**9,153.9305**

3.4 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**		**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1030**

3.4 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3991	14.0866	3.6574	0.0525	1.4014	0.0159	1.4173	0.4034	0.0152	0.4186		5,547.0794	5,547.0794	0.1788		5,551.5502
Worker	1.1529	0.5241	8.3303	0.0348	4.7481	0.0218	4.7700	1.2594	0.0201	1.2795		3,470.0546	3,470.0546	0.0485		3,471.2664
Total	**1.5519**	**14.6107**	**11.9876**	**0.0872**	**6.1495**	**0.0377**	**6.1872**	**1.6629**	**0.0352**	**1.6981**		**9,017.1340**	**9,017.1340**	**0.2273**		**9,022.8166**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**	**0.0000**	**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1029**

3.4 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3991	14.0866	3.6574	0.0525	1.4014	0.0159	1.4173	0.4034	0.0152	0.4186		5,547.0794	5,547.0794	0.1788		5,551.5502
Worker	1.1529	0.5241	8.3303	0.0348	4.7481	0.0218	4.7700	1.2594	0.0201	1.2795		3,470.0546	3,470.0546	0.0485		3,471.2664
Total	**1.5519**	**14.6107**	**11.9876**	**0.0872**	**6.1495**	**0.0377**	**6.1872**	**1.6629**	**0.0352**	**1.6981**		**9,017.1340**	**9,017.1340**	**0.2273**		**9,022.8166**

3.5 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	605.5219					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	**605.7497**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**		**375.2641**	**375.2641**	**0.0205**		**375.7758**

3.5 Architectural Coating - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2314	0.1052	1.6718	6.9800e-003	0.9529	4.3800e-003	0.9573	0.2528	4.0300e-003	0.2568		696.4123	696.4123	9.7300e-003		696.6556
Total	**0.2314**	**0.1052**	**1.6718**	**6.9800e-003**	**0.9529**	**4.3800e-003**	**0.9573**	**0.2528**	**4.0300e-003**	**0.2568**		**696.4123**	**696.4123**	**9.7300e-003**		**696.6556**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	605.5219					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687	0.0000	375.2641	375.2641	0.0205		375.7758
Total	**605.7497**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**	**0.0000**	**375.2641**	**375.2641**	**0.0205**		**375.7758**

3.5 Architectural Coating - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2314	0.1052	1.6718	6.9800e-003	0.9529	4.3800e-003	0.9573	0.2528	4.0300e-003	0.2568		696.4123	696.4123	9.7300e-003		696.6556
Total	**0.2314**	**0.1052**	**1.6718**	**6.9800e-003**	**0.9529**	**4.3800e-003**	**0.9573**	**0.2528**	**4.0300e-003**	**0.2568**		**696.4123**	**696.4123**	**9.7300e-003**		**696.6556**

3.6 Paving - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.8091					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7242**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**		**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

3.6 Paving - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0299	0.0136	0.2162	9.0000e-004	0.1232	5.7000e-004	0.1238	0.0327	5.2000e-004	0.0332		90.0533	90.0533	1.2600e-003		90.0848
Total	**0.0299**	**0.0136**	**0.2162**	**9.0000e-004**	**0.1232**	**5.7000e-004**	**0.1238**	**0.0327**	**5.2000e-004**	**0.0332**		**90.0533**	**90.0533**	**1.2600e-003**		**90.0848**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.8091					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7242**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**	**0.0000**	**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

3.6 Paving - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0299	0.0136	0.2162	9.0000e-004	0.1232	5.7000e-004	0.1238	0.0327	5.2000e-004	0.0332		90.0533	90.0533	1.2600e-003		90.0848
Total	**0.0299**	**0.0136**	**0.2162**	**9.0000e-004**	**0.1232**	**5.7000e-004**	**0.1238**	**0.0327**	**5.2000e-004**	**0.0332**		**90.0533**	**90.0533**	**1.2600e-003**		**90.0848**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.1524	22.7987	60.3349	0.2611	27.6456	0.1676	27.8132	7.3928	0.1558	7.5485		26,450.4464	26,450.4464	0.7617		26,469.4892
Unmitigated	6.1524	22.7987	60.3349	0.2611	27.6456	0.1676	27.8132	7.3928	0.1558	7.5485		26,450.4464	26,450.4464	0.7617		26,469.4892

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	12.51	150.61	110.82	98,808	98,808
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	5,283.60	5,500.05	4784.10	12,109,651	12,109,651
Total	5,296.11	5,650.66	4,894.92	12,208,458	12,208,458

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Single Family Housing	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Other Asphalt Surfaces	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Other Non-Asphalt Surfaces	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Single Family Housing	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.4766	4.0729	1.7331	0.0260		0.3293	0.3293		0.3293	0.3293		5,199.3956	5,199.3956	0.0997	0.0953	5,230.2930
NaturalGas Unmitigated	0.4766	4.0729	1.7331	0.0260		0.3293	0.3293		0.3293	0.3293		5,199.3956	5,199.3956	0.0997	0.0953	5,230.2930

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	44194.9	0.4766	4.0729	1.7331	0.0260		0.3293	0.3293		0.3293	0.3293		5,199.3956	5,199.3956	0.0997	0.0953	5,230.2930
Total		**0.4766**	**4.0729**	**1.7331**	**0.0260**		**0.3293**	**0.3293**		**0.3293**	**0.3293**		**5,199.3956**	**5,199.3956**	**0.0997**	**0.0953**	**5,230.2930**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	44.1949	0.4766	4.0729	1.7331	0.0260		0.3293	0.3293		0.3293	0.3293		5,199.3956	5,199.3956	0.0997	0.0953	5,230.2930
Total		**0.4766**	**4.0729**	**1.7331**	**0.0260**		**0.3293**	**0.3293**		**0.3293**	**0.3293**		**5,199.3956**	**5,199.3956**	**0.0997**	**0.0953**	**5,230.2930**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	617.6911	11.6014	789.6071	1.4033		105.4394	105.4394		105.4394	105.4394	11,309.9779	3,510.3922	14,820.3701	14.0632	0.7981	15,409.7779
Unmitigated	617.6911	11.6014	789.6071	1.4033		105.4394	105.4394		105.4394	105.4394	11,309.9779	3,510.3922	14,820.3701	14.0632	0.7981	15,409.7779

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.9677					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	34.1936					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	575.1562	11.0744	743.8602	1.4009		105.1855	105.1855		105.1855	105.1855	11,309.9779	3,427.9412	14,737.9191	13.9843	0.7981	15,325.3528
Landscaping	1.3737	0.5269	45.7469	2.4200e-003		0.2538	0.2538		0.2538	0.2538		82.4511	82.4511	0.0790		84.4252
Total	**617.6911**	**11.6013**	**789.6071**	**1.4033**		**105.4394**	**105.4394**		**105.4394**	**105.4394**	**11,309.9779**	**3,510.3922**	**14,820.3701**	**14.0632**	**0.7981**	**15,409.7779**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.9677					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	34.1936					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	575.1562	11.0744	743.8602	1.4009		105.1855	105.1855		105.1855	105.1855	11,309.9779	3,427.9412	14,737.9191	13.9843	0.7981	15,325.3528
Landscaping	1.3737	0.5269	45.7469	2.4200e-003		0.2538	0.2538		0.2538	0.2538		82.4511	82.4511	0.0790		84.4252
Total	**617.6911**	**11.6013**	**789.6071**	**1.4033**		**105.4394**	**105.4394**		**105.4394**	**105.4394**	**11,309.9779**	**3,510.3922**	**14,820.3701**	**14.0632**	**0.7981**	**15,409.7779**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Ranch Construction Phase 3

Contra Costa County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	12.97	Acre	12.97	564,973.20	0
Other Non-Asphalt Surfaces	1.09	Acre	1.09	47,480.40	0
City Park	6.62	Acre	6.62	288,367.20	0
Single Family Housing	555.00	Dwelling Unit	111.50	1,587,000.00	1587

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2029
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	491.65	**CH4 Intensity (lb/MWhr)**	0.022	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

The Ranch Construction Phase 3 - Contra Costa County, Winter

Project Characteristics - Adjusted for Renewable Portfolio Standard (RPS)

Land Use - Based on The Ranch at Antioch Development Standards & Design Guidelines 07.2019 (Carlson Barbee & Gibson, Inc.) and The Ranch TIA 12.2019 (Fehr & Peers); Other Non-Asphalt surfaces= open trails and landscape

Construction Phase - Construction Phase - Construction phases were adjusted (by ratio) to accomodate project phasing schedule; It is assumed that homes would be built in batches.

Off-road Equipment - Based on an 8 hour day

Off-road Equipment - Based on an 8 hour day

Off-road Equipment -

Trips and VMT -

Grading - Phase 3: 135 acres graded; Cut and fill quantities are unavailable

Architectural Coating -

Area Coating -

Energy Use -

Construction Off-road Equipment Mitigation - Compliance with BAAQMD Best Management Practices threshold for fugitive dust; recommended measures from BAAQMD's Construction Mitigation Measures for all proposed projects.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,071,225.00	1,207,069.00
tblArchitecturalCoating	ConstArea_Residential_Interior	3,213,675.00	3,621,206.00
tblAreaCoating	Area_Residential_Exterior	1071225	1207069
tblAreaCoating	Area_Residential_Interior	3213675	3621206
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	220.00	42.00
tblConstructionPhase	NumDays	3,100.00	589.00
tblConstructionPhase	NumDays	310.00	59.00
tblConstructionPhase	NumDays	220.00	42.00
tblConstructionPhase	NumDays	120.00	23.00
tblGrading	AcresOfGrading	147.50	135.00
tblLandUse	LandUseSquareFeet	999,000.00	1,587,000.00
tblLandUse	LotAcreage	180.19	111.50
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	641.35	491.65
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2027	3.2512	28.6350	29.8887	0.1140	18.2141	1.1318	19.3017	9.9699	1.0412	10.9705	0.0000	11,544.2648	11,544.2648	1.9450	0.0000	11,567.0837
2028	3.1652	28.3978	29.2957	0.1127	6.1495	0.6048	6.7543	1.6629	0.5679	2.2307	0.0000	11,414.5231	11,414.5231	0.9037	0.0000	11,437.1153
2029	609.0628	29.8039	32.6196	0.1218	7.1025	0.6758	7.7782	1.9156	0.6387	2.5543	0.0000	12,300.7935	12,300.7935	0.9256	0.0000	12,323.9333
Maximum	**609.0628**	**29.8039**	**32.6196**	**0.1218**	**18.2141**	**1.1318**	**19.3017**	**9.9699**	**1.0412**	**10.9705**	**0.0000**	**12,300.7935**	**12,300.7935**	**1.9450**	**0.0000**	**12,323.9333**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2027	3.2512	28.6350	29.8887	0.1140	8.2777	1.1318	9.3653	4.5080	1.0412	5.5086	0.0000	11,544.2648	11,544.2648	1.9450	0.0000	11,567.0837
2028	3.1652	28.3978	29.2957	0.1127	6.1495	0.6048	6.7543	1.6629	0.5679	2.2307	0.0000	11,414.5231	11,414.5231	0.9037	0.0000	11,437.1153
2029	609.0628	29.8039	32.6196	0.1218	7.1025	0.6758	7.7782	1.9156	0.6387	2.5543	0.0000	12,300.7935	12,300.7935	0.9256	0.0000	12,323.9333
Maximum	**609.0628**	**29.8039**	**32.6196**	**0.1218**	**8.2777**	**1.1318**	**9.3653**	**4.5080**	**1.0412**	**5.5086**	**0.0000**	**12,300.7935**	**12,300.7935**	**1.9450**	**0.0000**	**12,323.9333**

The Ranch Construction Phase 3 - Contra Costa County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**31.58**	**0.00**	**29.37**	**40.31**	**0.00**	**34.67**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	617.6911	11.6014	789.6071	1.4033		105.4394	105.4394		105.4394	105.4394	11,309.9779	3,510.3922	14,820.3701	14.0632	0.7981	15,409.7779
Energy	0.4766	4.0729	1.7331	0.0260		0.3293	0.3293		0.3293	0.3293		5,199.3956	5,199.3956	0.0997	0.0953	5,230.2930
Mobile	4.9203	23.6629	59.1138	0.2415	27.6456	0.1682	27.8138	7.3928	0.1563	7.5491		24,478.9163	24,478.9163	0.7767		24,498.3346
Total	**623.0880**	**39.3372**	**850.4541**	**1.6708**	**27.6456**	**105.9368**	**133.5824**	**7.3928**	**105.9250**	**113.3177**	**11,309.9779**	**33,188.7041**	**44,498.6820**	**14.9396**	**0.8934**	**45,138.4055**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	617.6911	11.6014	789.6071	1.4033		105.4394	105.4394		105.4394	105.4394	11,309.9779	3,510.3922	14,820.3701	14.0632	0.7981	15,409.7779
Energy	0.4766	4.0729	1.7331	0.0260		0.3293	0.3293		0.3293	0.3293		5,199.3956	5,199.3956	0.0997	0.0953	5,230.2930
Mobile	4.9203	23.6629	59.1138	0.2415	27.6456	0.1682	27.8138	7.3928	0.1563	7.5491		24,478.9163	24,478.9163	0.7767		24,498.3346
Total	**623.0880**	**39.3372**	**850.4541**	**1.6708**	**27.6456**	**105.9368**	**133.5824**	**7.3928**	**105.9250**	**113.3177**	**11,309.9779**	**33,188.7041**	**44,498.6820**	**14.9396**	**0.8934**	**45,138.4055**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	3/22/2027	4/21/2027	5	23	
2	Grading	Grading	4/22/2027	7/13/2027	5	59	
3	Building Construction	Building Construction	7/14/2027	10/15/2029	5	589	
4	Architectural Coating	Architectural Coating	8/17/2029	10/15/2029	5	42	
5	Paving	Paving	10/16/2029	12/12/2029	5	42	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 135

Acres of Paving: 14.06

Residential Indoor: 3,621,206; Residential Outdoor: 1,207,069; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 36,747 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
	Air Compressors	1	6.00	78	0.48
	Cranes	1	7.00	231	0.29
	Excavators	2	8.00	158	0.38
	Forklifts	3	8.00	89	0.20
	Generator Sets	1	8.00	84	0.74

	Graders	1	8.00	187	0.41
	Pavers	2	8.00	130	0.42
	Paving Equipment	2	8.00	132	0.36
	Rollers	2	8.00	80	0.38
	Rubber Tired Dozers	3	8.00	247	0.40
	Rubber Tired Dozers	1	8.00	247	0.40
	Scrapers	2	8.00	367	0.48
	Tractors/Loaders/Backhoes	4	8.00	97	0.37
	Tractors/Loaders/Backhoes	2	8.00	97	0.37
	Tractors/Loaders/Backhoes	3	7.00	97	0.37
	Welders	1	8.00	46	0.45
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	578.00	207.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	116.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	**2.4727**	**25.2339**	**17.9118**	**0.0381**	**18.0663**	**1.0868**	**19.1531**	**9.9307**	**0.9999**	**10.9305**		**3,689.1037**	**3,689.1037**	**1.1931**		**3,718.9320**

3.2 Site Preparation - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0422	0.0237	0.2630	1.0400e-003	0.1479	7.9000e-004	0.1487	0.0392	7.3000e-004	0.0400		104.0526	104.0526	1.6200e-003		104.0931
Total	**0.0422**	**0.0237**	**0.2630**	**1.0400e-003**	**0.1479**	**7.9000e-004**	**0.1487**	**0.0392**	**7.3000e-004**	**0.0400**		**104.0526**	**104.0526**	**1.6200e-003**		**104.0931**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	**2.4727**	**25.2339**	**17.9118**	**0.0381**	**8.1298**	**1.0868**	**9.2166**	**4.4688**	**0.9999**	**5.4687**	**0.0000**	**3,689.1037**	**3,689.1037**	**1.1931**		**3,718.9320**

3.2 Site Preparation - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0422	0.0237	0.2630	1.0400e-003	0.1479	7.9000e-004	0.1487	0.0392	7.3000e-004	0.0400		104.0526	104.0526	1.6200e-003		104.0931
Total	**0.0422**	**0.0237**	**0.2630**	**1.0400e-003**	**0.1479**	**7.9000e-004**	**0.1487**	**0.0392**	**7.3000e-004**	**0.0400**		**104.0526**	**104.0526**	**1.6200e-003**		**104.0931**

3.3 Grading - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.4487	0.0000	8.4487	3.5722	0.0000	3.5722			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	**2.9012**	**27.9429**	**26.3311**	**0.0621**	**8.4487**	**1.1309**	**9.5795**	**3.5722**	**1.0404**	**4.6127**		**6,008.2814**	**6,008.2814**	**1.9432**		**6,056.8614**

3.3 Grading - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0469	0.0264	0.2923	1.1600e-003	0.1643	8.8000e-004	0.1652	0.0436	8.1000e-004	0.0444		115.6140	115.6140	1.8000e-003		115.6590
Total	**0.0469**	**0.0264**	**0.2923**	**1.1600e-003**	**0.1643**	**8.8000e-004**	**0.1652**	**0.0436**	**8.1000e-004**	**0.0444**		**115.6140**	**115.6140**	**1.8000e-003**		**115.6590**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.8019	0.0000	3.8019	1.6075	0.0000	1.6075			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	**2.9012**	**27.9429**	**26.3311**	**0.0621**	**3.8019**	**1.1309**	**4.9328**	**1.6075**	**1.0404**	**2.6479**	**0.0000**	**6,008.2814**	**6,008.2814**	**1.9432**		**6,056.8614**

3.3 Grading - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0469	0.0264	0.2923	1.1600e-003	0.1643	8.8000e-004	0.1652	0.0436	8.1000e-004	0.0444		115.6140	115.6140	1.8000e-003		115.6590
Total	**0.0469**	**0.0264**	**0.2923**	**1.1600e-003**	**0.1643**	**8.8000e-004**	**0.1652**	**0.0436**	**8.1000e-004**	**0.0444**		**115.6140**	**115.6140**	**1.8000e-003**		**115.6590**

3.4 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**		**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1030**

3.4 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4405	14.5072	4.3046	0.0517	1.4013	0.0170	1.4183	0.4034	0.0162	0.4196		5,463.4214	5,463.4214	0.2006		5,468.4352
Worker	1.3547	0.7614	8.4464	0.0335	4.7481	0.0253	4.7735	1.2594	0.0233	1.2827		3,341.2449	3,341.2449	0.0520		3,342.5456
Total	**1.7952**	**15.2686**	**12.7509**	**0.0852**	**6.1495**	**0.0423**	**6.1918**	**1.6628**	**0.0396**	**1.7024**		**8,804.6662**	**8,804.6662**	**0.2526**		**8,810.9808**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**	**0.0000**	**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1029**

3.4 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4405	14.5072	4.3046	0.0517	1.4013	0.0170	1.4183	0.4034	0.0162	0.4196		5,463.4214	5,463.4214	0.2006		5,468.4352
Worker	1.3547	0.7614	8.4464	0.0335	4.7481	0.0253	4.7735	1.2594	0.0233	1.2827		3,341.2449	3,341.2449	0.0520		3,342.5456
Total	**1.7952**	**15.2686**	**12.7509**	**0.0852**	**6.1495**	**0.0423**	**6.1918**	**1.6628**	**0.0396**	**1.7024**		**8,804.6662**	**8,804.6662**	**0.2526**		**8,810.9808**

3.4 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**		**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1030**

3.4 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4319	14.3311	4.2406	0.0515	1.4014	0.0166	1.4180	0.4034	0.0158	0.4193		5,438.7789	5,438.7789	0.1959		5,443.6753
Worker	1.2773	0.7003	7.9173	0.0324	4.7481	0.0235	4.7716	1.2594	0.0216	1.2811		3,236.1456	3,236.1456	0.0477		3,237.3371
Total	**1.7092**	**15.0314**	**12.1579**	**0.0839**	**6.1495**	**0.0401**	**6.1896**	**1.6629**	**0.0375**	**1.7003**		**8,674.9245**	**8,674.9245**	**0.2435**		**8,681.0124**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**	**0.0000**	**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1029**

3.4 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4319	14.3311	4.2406	0.0515	1.4014	0.0166	1.4180	0.4034	0.0158	0.4193		5,438.7789	5,438.7789	0.1959		5,443.6753
Worker	1.2773	0.7003	7.9173	0.0324	4.7481	0.0235	4.7716	1.2594	0.0216	1.2811		3,236.1456	3,236.1456	0.0477		3,237.3371
Total	**1.7092**	**15.0314**	**12.1579**	**0.0839**	**6.1495**	**0.0401**	**6.1896**	**1.6629**	**0.0375**	**1.7003**		**8,674.9245**	**8,674.9245**	**0.2435**		**8,681.0124**

3.4 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**		**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1030**

3.4 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4233	14.1370	4.1658	0.0512	1.4014	0.0162	1.4176	0.4034	0.0155	0.4189		5,410.9848	5,410.9848	0.1926		5,415.8006
Worker	1.1941	0.6440	7.4156	0.0315	4.7481	0.0218	4.7700	1.2594	0.0201	1.2795		3,143.9753	3,143.9753	0.0436		3,145.0645
Total	**1.6174**	**14.7810**	**11.5814**	**0.0827**	**6.1495**	**0.0380**	**6.1876**	**1.6629**	**0.0356**	**1.6984**		**8,554.9600**	**8,554.9600**	**0.2362**		**8,560.8651**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**	**0.0000**	**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1029**

3.4 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4233	14.1370	4.1658	0.0512	1.4014	0.0162	1.4176	0.4034	0.0155	0.4189		5,410.9848	5,410.9848	0.1926		5,415.8006
Worker	1.1941	0.6440	7.4156	0.0315	4.7481	0.0218	4.7700	1.2594	0.0201	1.2795		3,143.9753	3,143.9753	0.0436		3,145.0645
Total	**1.6174**	**14.7810**	**11.5814**	**0.0827**	**6.1495**	**0.0380**	**6.1876**	**1.6629**	**0.0356**	**1.6984**		**8,554.9600**	**8,554.9600**	**0.2362**		**8,560.8651**

3.5 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	605.5219					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	**605.7497**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**		**375.2641**	**375.2641**	**0.0205**		**375.7758**

3.5 Architectural Coating - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2396	0.1292	1.4883	6.3200e-003	0.9529	4.3800e-003	0.9573	0.2528	4.0300e-003	0.2568		630.9708	630.9708	8.7400e-003		631.1894
Total	**0.2396**	**0.1292**	**1.4883**	**6.3200e-003**	**0.9529**	**4.3800e-003**	**0.9573**	**0.2528**	**4.0300e-003**	**0.2568**		**630.9708**	**630.9708**	**8.7400e-003**		**631.1894**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	605.5219					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687	0.0000	375.2641	375.2641	0.0205		375.7758
Total	**605.7497**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**	**0.0000**	**375.2641**	**375.2641**	**0.0205**		**375.7758**

3.5 Architectural Coating - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2396	0.1292	1.4883	6.3200e-003	0.9529	4.3800e-003	0.9573	0.2528	4.0300e-003	0.2568		630.9708	630.9708	8.7400e-003		631.1894
Total	**0.2396**	**0.1292**	**1.4883**	**6.3200e-003**	**0.9529**	**4.3800e-003**	**0.9573**	**0.2528**	**4.0300e-003**	**0.2568**		**630.9708**	**630.9708**	**8.7400e-003**		**631.1894**

3.6 Paving - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.8091					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7242**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**		**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

3.6 Paving - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0310	0.0167	0.1925	8.2000e-004	0.1232	5.7000e-004	0.1238	0.0327	5.2000e-004	0.0332		81.5911	81.5911	1.1300e-003		81.6193
Total	**0.0310**	**0.0167**	**0.1925**	**8.2000e-004**	**0.1232**	**5.7000e-004**	**0.1238**	**0.0327**	**5.2000e-004**	**0.0332**		**81.5911**	**81.5911**	**1.1300e-003**		**81.6193**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.8091					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7242**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**	**0.0000**	**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

3.6 Paving - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0310	0.0167	0.1925	8.2000e-004	0.1232	5.7000e-004	0.1238	0.0327	5.2000e-004	0.0332		81.5911	81.5911	1.1300e-003		81.6193
Total	**0.0310**	**0.0167**	**0.1925**	**8.2000e-004**	**0.1232**	**5.7000e-004**	**0.1238**	**0.0327**	**5.2000e-004**	**0.0332**		**81.5911**	**81.5911**	**1.1300e-003**		**81.6193**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	4.9203	23.6629	59.1138	0.2415	27.6456	0.1682	27.8138	7.3928	0.1563	7.5491		24,478.9163	24,478.9163	0.7767		24,498.3346
Unmitigated	4.9203	23.6629	59.1138	0.2415	27.6456	0.1682	27.8138	7.3928	0.1563	7.5491		24,478.9163	24,478.9163	0.7767		24,498.3346

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	12.51	150.61	110.82	98,808	98,808
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	5,283.60	5,500.05	4784.10	12,109,651	12,109,651
Total	5,296.11	5,650.66	4,894.92	12,208,458	12,208,458

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Single Family Housing	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Other Asphalt Surfaces	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Other Non-Asphalt Surfaces	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Single Family Housing	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.4766	4.0729	1.7331	0.0260		0.3293	0.3293		0.3293	0.3293		5,199.3956	5,199.3956	0.0997	0.0953	5,230.2930
NaturalGas Unmitigated	0.4766	4.0729	1.7331	0.0260		0.3293	0.3293		0.3293	0.3293		5,199.3956	5,199.3956	0.0997	0.0953	5,230.2930

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	44194.9	0.4766	4.0729	1.7331	0.0260		0.3293	0.3293		0.3293	0.3293		5,199.3956	5,199.3956	0.0997	0.0953	5,230.2930
Total		**0.4766**	**4.0729**	**1.7331**	**0.0260**		**0.3293**	**0.3293**		**0.3293**	**0.3293**		**5,199.3956**	**5,199.3956**	**0.0997**	**0.0953**	**5,230.2930**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	44.1949	0.4766	4.0729	1.7331	0.0260		0.3293	0.3293		0.3293	0.3293		5,199.3956	5,199.3956	0.0997	0.0953	5,230.2930
Total		**0.4766**	**4.0729**	**1.7331**	**0.0260**		**0.3293**	**0.3293**		**0.3293**	**0.3293**		**5,199.3956**	**5,199.3956**	**0.0997**	**0.0953**	**5,230.2930**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	617.6911	11.6014	789.6071	1.4033		105.4394	105.4394		105.4394	105.4394	11,309.9779	3,510.3922	14,820.3701	14.0632	0.7981	15,409.7779
Unmitigated	617.6911	11.6014	789.6071	1.4033		105.4394	105.4394		105.4394	105.4394	11,309.9779	3,510.3922	14,820.3701	14.0632	0.7981	15,409.7779

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.9677					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	34.1936					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	575.1562	11.0744	743.8602	1.4009		105.1855	105.1855		105.1855	105.1855	11,309.9779	3,427.9412	14,737.9191	13.9843	0.7981	15,325.3528
Landscaping	1.3737	0.5269	45.7469	2.4200e-003		0.2538	0.2538		0.2538	0.2538		82.4511	82.4511	0.0790		84.4252
Total	**617.6911**	**11.6013**	**789.6071**	**1.4033**		**105.4394**	**105.4394**		**105.4394**	**105.4394**	**11,309.9779**	**3,510.3922**	**14,820.3701**	**14.0632**	**0.7981**	**15,409.7779**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.9677					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	34.1936					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	575.1562	11.0744	743.8602	1.4009		105.1855	105.1855		105.1855	105.1855	11,309.9779	3,427.9412	14,737.9191	13.9843	0.7981	15,325.3528
Landscaping	1.3737	0.5269	45.7469	2.4200e-003		0.2538	0.2538		0.2538	0.2538		82.4511	82.4511	0.0790		84.4252
Total	**617.6911**	**11.6013**	**789.6071**	**1.4033**		**105.4394**	**105.4394**		**105.4394**	**105.4394**	**11,309.9779**	**3,510.3922**	**14,820.3701**	**14.0632**	**0.7981**	**15,409.7779**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Ranch Operational Buildout

Contra Costa County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	14.81	1000sqft	3.00	14,810.00	0
Other Asphalt Surfaces	42.06	Acre	42.06	1,832,133.60	0
Other Non-Asphalt Surfaces	2.75	Acre	2.75	119,790.00	0
City Park	20.00	Acre	20.00	871,200.00	0
Single Family Housing	1,117.00	Dwelling Unit	253.50	3,407,800.00	3790
Strip Mall	54.00	1000sqft	1.24	54,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2029
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	491.65	**CH4 Intensity (lb/MWhr)**	0.022	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Adjusted for Renewable Portfolio Standard (RPS)

Land Use - Based on The Ranch at Antioch Development Standards & Design Guidelines 07.2019 (Carlson Barbee & Gibson, Inc.) and The Ranch TIA 12.2019 (Fehr & Peers); Government office building: Fire Station; Other non-asphalt surfaces= Landscape+ Open trails

Construction Phase - No construction

Off-road Equipment - Based on an 8 hour day

Off-road Equipment - No construction

Trips and VMT -

Grading -

Vehicle Trips - Trip rates based on The Ranch TIA Nov 2019 (Fehr & Peers)

Woodstoves - No woodburning fireplaces or woodstoves in compliance with BAAQMD Regulation 6 Rule 3.

Area Coating -

Energy Use -

Solid Waste -

Construction Off-road Equipment Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps - Emergency generator per Fire Station 89

The Ranch Operational Buildout - Contra Costa County, Annual

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Residential_Exterior	2300265	2502765
tblAreaCoating	Area_Residential_Interior	6900795	7508295
tblFireplaces	FireplaceWoodMass	228.80	0.00
tblLandUse	LandUseSquareFeet	2,010,600.00	3,407,800.00
tblLandUse	LotAcreage	0.34	3.00
tblLandUse	LotAcreage	362.66	253.50
tblLandUse	Population	3,195.00	3,790.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	641.35	491.65
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	0.00	1.35
tblVehicleTrips	ST_TR	9.91	7.99
tblVehicleTrips	ST_TR	42.04	37.78
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	0.00	1.35
tblVehicleTrips	SU_TR	8.62	7.99
tblVehicleTrips	SU_TR	20.43	37.78
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	68.93	1.35
tblVehicleTrips	WD_TR	9.52	7.99
tblVehicleTrips	WD_TR	44.32	37.78
tblWoodstoves	WoodstoveWoodMass	956.80	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	16.6514	0.1256	8.3000	6.3000e-004		0.0484	0.0484		0.0484	0.0484	0.0000	48.4116	48.4116	0.0137	6.4000e-004	48.9433
Energy	0.1771	1.5141	0.6518	9.6600e-003		0.1223	0.1223		0.1223	0.1223	0.0000	3,955.2496	3,955.2496	0.1322	0.0545	3,974.8032
Mobile	1.7589	8.0434	19.1083	0.0817	8.8776	0.0563	8.9339	2.3808	0.0523	2.4331	0.0000	7,511.3364	7,511.3364	0.2326	0.0000	7,517.1511
Stationary	1.6400e-003	4.6000e-003	5.9700e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.7631	0.7631	1.1000e-004	0.0000	0.7658
Waste						0.0000	0.0000		0.0000	0.0000	337.7749	0.0000	337.7749	19.9619	0.0000	836.8231
Water						0.0000	0.0000		0.0000	0.0000	25.2912	153.9295	179.2207	2.6045	0.0629	263.0787
Total	**18.5890**	**9.6877**	**28.0662**	**0.0920**	**8.8776**	**0.2273**	**9.1049**	**2.3808**	**0.2233**	**2.6041**	**363.0661**	**11,669.6902**	**12,032.7564**	**22.9450**	**0.1181**	**12,641.5652**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	16.6514	0.1256	8.3000	6.3000e-004		0.0484	0.0484		0.0484	0.0484	0.0000	48.4116	48.4116	0.0137	6.4000e-004	48.9433
Energy	0.1771	1.5141	0.6518	9.6600e-003		0.1223	0.1223		0.1223	0.1223	0.0000	3,955.2496	3,955.2496	0.1322	0.0545	3,974.8032
Mobile	1.7589	8.0434	19.1083	0.0817	8.8776	0.0563	8.9339	2.3808	0.0523	2.4331	0.0000	7,511.3364	7,511.3364	0.2326	0.0000	7,517.1511
Stationary	1.6400e-003	4.6000e-003	5.9700e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.7631	0.7631	1.1000e-004	0.0000	0.7658
Waste						0.0000	0.0000		0.0000	0.0000	337.7749	0.0000	337.7749	19.9619	0.0000	836.8231
Water						0.0000	0.0000		0.0000	0.0000	25.2912	153.9295	179.2207	2.6045	0.0629	263.0787
Total	**18.5890**	**9.6877**	**28.0662**	**0.0920**	**8.8776**	**0.2273**	**9.1049**	**2.3808**	**0.2233**	**2.6041**	**363.0661**	**11,669.6902**	**12,032.7564**	**22.9450**	**0.1181**	**12,641.5652**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	12/13/2019	11/12/2020	5	240	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 44.81

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.2 Site Preparation - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.2 Site Preparation - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.7589	8.0434	19.1083	0.0817	8.8776	0.0563	8.9339	2.3808	0.0523	2.4331	0.0000	7,511.3364	7,511.3364	0.2326	0.0000	7,517.1511
Unmitigated	1.7589	8.0434	19.1083	0.0817	8.8776	0.0563	8.9339	2.3808	0.0523	2.4331	0.0000	7,511.3364	7,511.3364	0.2326	0.0000	7,517.1511

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Government Office Building	19.99	19.99	19.99	34,286	34,286
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	8,924.83	8,924.83	8924.83	20,612,853	20,612,853
Strip Mall	2,040.12	2,040.12	2040.12	3,141,852	3,141,852
Total	10,984.94	10,984.94	10,984.94	23,788,991	23,788,991

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00	50	34	16
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Single Family Housing	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Government Office Building	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Other Asphalt Surfaces	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Other Non-Asphalt Surfaces	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Single Family Housing	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Strip Mall	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

The Ranch Operational Buildout - Contra Costa County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,202.9889	2,202.9889	0.0986	0.0224	2,212.1297
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,202.9889	2,202.9889	0.0986	0.0224	2,212.1297
NaturalGas Mitigated	0.1771	1.5141	0.6518	9.6600e-003		0.1223	0.1223		0.1223	0.1223	0.0000	1,752.2607	1,752.2607	0.0336	0.0321	1,762.6735
NaturalGas Unmitigated	0.1771	1.5141	0.6518	9.6600e-003		0.1223	0.1223		0.1223	0.1223	0.0000	1,752.2607	1,752.2607	0.0336	0.0321	1,762.6735

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Government Office Building	242440	1.3100e-003	0.0119	9.9800e-003	7.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	12.9375	12.9375	2.5000e-004	2.4000e-004	13.0144
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.24657e+007	0.1751	1.4960	0.6366	9.5500e-003		0.1210	0.1210		0.1210	0.1210	0.0000	1,732.4937	1,732.4937	0.0332	0.0318	1,742.7890
Strip Mall	127980	6.9000e-004	6.2700e-003	5.2700e-003	4.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004	0.0000	6.8295	6.8295	1.3000e-004	1.3000e-004	6.8701
Total		**0.1771**	**1.5141**	**0.6518**	**9.6600e-003**		**0.1223**	**0.1223**		**0.1223**	**0.1223**	**0.0000**	**1,752.2607**	**1,752.2607**	**0.0336**	**0.0321**	**1,762.6735**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Government Office Building	242440	1.3100e-003	0.0119	9.9800e-003	7.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	12.9375	12.9375	2.5000e-004	2.4000e-004	13.0144
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.24657e+007	0.1751	1.4960	0.6366	9.5500e-003		0.1210	0.1210		0.1210	0.1210	0.0000	1,732.4937	1,732.4937	0.0332	0.0318	1,742.7890
Strip Mall	127980	6.9000e-004	6.2700e-003	5.2700e-003	4.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004	0.0000	6.8295	6.8295	1.3000e-004	1.3000e-004	6.8701
Total		**0.1771**	**1.5141**	**0.6518**	**9.6600e-003**		**0.1223**	**0.1223**		**0.1223**	**0.1223**	**0.0000**	**1,752.2607**	**1,752.2607**	**0.0336**	**0.0321**	**1,762.6735**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Government Office Building	264062	58.8882	2.6400e-003	6.0000e-004	59.1325
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	9.03717e+006	2,015.3667	0.0902	0.0205	2,023.7290
Strip Mall	577260	128.7340	5.7600e-003	1.3100e-003	129.2682
Total		**2,202.9889**	**0.0986**	**0.0224**	**2,212.1297**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Government Office Building	264062	58.8882	2.6400e-003	6.0000e-004	59.1325
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	9.03717e+006	2,015.3667	0.0902	0.0205	2,023.7290
Strip Mall	577260	128.7340	5.7600e-003	1.3100e-003	129.2682
Total		**2,202.9889**	**0.0986**	**0.0224**	**2,212.1297**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	16.6514	0.1256	8.3000	6.3000e-004		0.0484	0.0484		0.0484	0.0484	0.0000	48.4116	48.4116	0.0137	6.4000e-004	48.9433
Unmitigated	16.6514	0.1256	8.3000	6.3000e-004		0.0484	0.0484		0.0484	0.0484	0.0000	48.4116	48.4116	0.0137	6.4000e-004	48.9433

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	2.6867					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	13.7123					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	3.5200e-003	0.0301	0.0128	1.9000e-004		2.4300e-003	2.4300e-003		2.4300e-003	2.4300e-003	0.0000	34.8614	34.8614	6.7000e-004	6.4000e-004	35.0685
Landscaping	0.2489	0.0955	8.2872	4.4000e-004		0.0460	0.0460		0.0460	0.0460	0.0000	13.5503	13.5503	0.0130	0.0000	13.8748
Total	**16.6514**	**0.1256**	**8.3000**	**6.3000e-004**		**0.0484**	**0.0484**		**0.0484**	**0.0484**	**0.0000**	**48.4116**	**48.4116**	**0.0137**	**6.4000e-004**	**48.9433**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	2.6867					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	13.7123					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	3.5200e-003	0.0301	0.0128	1.9000e-004		2.4300e-003	2.4300e-003		2.4300e-003	2.4300e-003	0.0000	34.8614	34.8614	6.7000e-004	6.4000e-004	35.0685
Landscaping	0.2489	0.0955	8.2872	4.4000e-004		0.0460	0.0460		0.0460	0.0460	0.0000	13.5503	13.5503	0.0130	0.0000	13.8748
Total	**16.6514**	**0.1256**	**8.3000**	**6.3000e-004**		**0.0484**	**0.0484**		**0.0484**	**0.0484**	**0.0000**	**48.4116**	**48.4116**	**0.0137**	**6.4000e-004**	**48.9433**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	179.2207	2.6045	0.0629	263.0787
Unmitigated	179.2207	2.6045	0.0629	263.0787

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 23.8296	18.5998	8.3000e-004	1.9000e-004	18.6769
Government Office Building	2.94215 / 1.80325	5.8912	0.0961	2.3100e-003	8.9831
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	72.777 / 45.8812	146.7205	2.3770	0.0573	223.2060
Strip Mall	3.99992 / 2.45156	8.0092	0.1306	3.1500e-003	12.2127
Total		**179.2207**	**2.6045**	**0.0629**	**263.0787**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 23.8296	18.5998	8.3000e-004	1.9000e-004	18.6769
Government Office Building	2.94215 / 1.80325	5.8912	0.0961	2.3100e-003	8.9831
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	72.777 / 45.8812	146.7205	2.3770	0.0573	223.2060
Strip Mall	3.99992 / 2.45156	8.0092	0.1306	3.1500e-003	12.2127
Total		**179.2207**	**2.6045**	**0.0629**	**263.0787**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	337.7749	19.9619	0.0000	836.8231
Unmitigated	337.7749	19.9619	0.0000	836.8231

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	1.72	0.3491	0.0206	0.0000	0.8650
Government Office Building	13.77	2.7952	0.1652	0.0000	6.9250
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1591.8	323.1210	19.0959	0.0000	800.5186
Strip Mall	56.7	11.5096	0.6802	0.0000	28.5145
Total		**337.7749**	**19.9619**	**0.0000**	**836.8231**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	1.72	0.3491	0.0206	0.0000	0.8650
Government Office Building	13.77	2.7952	0.1652	0.0000	6.9250
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1591.8	323.1210	19.0959	0.0000	800.5186
Strip Mall	56.7	11.5096	0.6802	0.0000	28.5145
Total		**337.7749**	**19.9619**	**0.0000**	**836.8231**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0	12	167.63	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Emergency Generator - Diesel (100 - 175 HP)	1.6400e-003	4.6000e-003	5.9700e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.7631	0.7631	1.1000e-004	0.0000	0.7658
Total	**1.6400e-003**	**4.6000e-003**	**5.9700e-003**	**1.0000e-005**		**2.4000e-004**	**2.4000e-004**		**2.4000e-004**	**2.4000e-004**	**0.0000**	**0.7631**	**0.7631**	**1.1000e-004**	**0.0000**	**0.7658**

11.0 Vegetation

The Ranch Operational Buildout

Contra Costa County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	14.81	1000sqft	3.00	14,810.00	0
Other Asphalt Surfaces	42.06	Acre	42.06	1,832,133.60	0
Other Non-Asphalt Surfaces	2.75	Acre	2.75	119,790.00	0
City Park	20.00	Acre	20.00	871,200.00	0
Single Family Housing	1,117.00	Dwelling Unit	253.50	3,407,800.00	3790
Strip Mall	54.00	1000sqft	1.24	54,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2029
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	491.65	**CH4 Intensity (lb/MWhr)**	0.022	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

The Ranch Operational Buildout - Contra Costa County, Summer

Project Characteristics - Adjusted for Renewable Portfolio Standard (RPS)

Land Use - Based on The Ranch at Antioch Development Standards & Design Guidelines 07.2019 (Carlson Barbee & Gibson, Inc.) and The Ranch TIA 12.2019 (Fehr & Peers); Government office building: Fire Station; Other non-asphalt surfaces= Landscape+ Open trails

Construction Phase - No construction

Off-road Equipment - Based on an 8 hour day

Off-road Equipment - No construction

Trips and VMT -

Grading -

Vehicle Trips - Trip rates based on The Ranch TIA Nov 2019 (Fehr & Peers)

Woodstoves - No woodburning fireplaces or woodstoves in compliance with BAAQMD Regulation 6 Rule 3.

Area Coating -

Energy Use -

Solid Waste -

Construction Off-road Equipment Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps - Emergency generator per Fire Station 89

The Ranch Operational Buildout - Contra Costa County, Summer

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Residential_Exterior	2300265	2502765
tblAreaCoating	Area_Residential_Interior	6900795	7508295
tblFireplaces	FireplaceWoodMass	228.80	0.00
tblLandUse	LandUseSquareFeet	2,010,600.00	3,407,800.00
tblLandUse	LotAcreage	0.34	3.00
tblLandUse	LotAcreage	362.66	253.50
tblLandUse	Population	3,195.00	3,790.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	641.35	491.65
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	0.00	1.35
tblVehicleTrips	ST_TR	9.91	7.99
tblVehicleTrips	ST_TR	42.04	37.78
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	0.00	1.35
tblVehicleTrips	SU_TR	8.62	7.99
tblVehicleTrips	SU_TR	20.43	37.78
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	68.93	1.35
tblVehicleTrips	WD_TR	9.52	7.99
tblVehicleTrips	WD_TR	44.32	37.78
tblWoodstoves	WoodstoveWoodMass	956.80	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	93.2551	6.4649	94.3799	0.0394		0.9478	0.9478		0.9478	0.9478	0.0000	7,065.0798	7,065.0798	0.2912	0.1265	7,110.0522
Energy	0.9702	8.2966	3.5717	0.0529		0.6703	0.6703		0.6703	0.6703		10,583.7632	10,583.7632	0.2029	0.1940	10,646.6572
Mobile	11.7438	43.2658	111.5202	0.4792	50.4943	0.3091	50.8034	13.5028	0.2873	13.7900		48,559.9333	48,559.9333	1.4156		48,595.3222
Stationary	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**105.9691**	**58.0273**	**209.4718**	**0.5715**	**50.4943**	**1.9273**	**52.4215**	**13.5028**	**1.9054**	**15.4082**	**0.0000**	**66,208.7762**	**66,208.7762**	**1.9096**	**0.3205**	**66,352.0316**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	93.2551	6.4649	94.3799	0.0394		0.9478	0.9478		0.9478	0.9478	0.0000	7,065.0798	7,065.0798	0.2912	0.1265	7,110.0522
Energy	0.9702	8.2966	3.5717	0.0529		0.6703	0.6703		0.6703	0.6703		10,583.7632	10,583.7632	0.2029	0.1940	10,646.6572
Mobile	11.7438	43.2658	111.5202	0.4792	50.4943	0.3091	50.8034	13.5028	0.2873	13.7900		48,559.9333	48,559.9333	1.4156		48,595.3222
Stationary	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**105.9691**	**58.0273**	**209.4718**	**0.5715**	**50.4943**	**1.9273**	**52.4215**	**13.5028**	**1.9054**	**15.4082**	**0.0000**	**66,208.7762**	**66,208.7762**	**1.9096**	**0.3205**	**66,352.0316**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	12/13/2019	11/12/2020	5	240	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 44.81

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.2 Site Preparation - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.2 Site Preparation - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.2 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	11.7438	43.2658	111.5202	0.4792	50.4943	0.3091	50.8034	13.5028	0.2873	13.7900		48,559.9333	48,559.9333	1.4156		48,595.3222
Unmitigated	11.7438	43.2658	111.5202	0.4792	50.4943	0.3091	50.8034	13.5028	0.2873	13.7900		48,559.9333	48,559.9333	1.4156		48,595.3222

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Government Office Building	19.99	19.99	19.99	34,286	34,286
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	8,924.83	8,924.83	8924.83	20,612,853	20,612,853
Strip Mall	2,040.12	2,040.12	2040.12	3,141,852	3,141,852
Total	10,984.94	10,984.94	10,984.94	23,788,991	23,788,991

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00	50	34	16
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Single Family Housing	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Government Office Building	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Other Asphalt Surfaces	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Other Non-Asphalt Surfaces	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Single Family Housing	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Strip Mall	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

The Ranch Operational Buildout - Contra Costa County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.9702	8.2966	3.5717	0.0529		0.6703	0.6703		0.6703	0.6703		10,583.7632	10,583.7632	0.2029	0.1940	10,646.6572
NaturalGas Unmitigated	0.9702	8.2966	3.5717	0.0529		0.6703	0.6703		0.6703	0.6703		10,583.7632	10,583.7632	0.2029	0.1940	10,646.6572

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government Office Building	664.218	7.1600e-003	0.0651	0.0547	3.9000e-004		4.9500e-003	4.9500e-003		4.9500e-003	4.9500e-003		78.1433	78.1433	1.5000e-003	1.4300e-003	78.6077
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	88947.1	0.9592	8.1971	3.4881	0.0523		0.6627	0.6627		0.6627	0.6627		10,464.3692	10,464.3692	0.2006	0.1919	10,526.5537
Strip Mall	350.63	3.7800e-003	0.0344	0.0289	2.1000e-004		2.6100e-003	2.6100e-003		2.6100e-003	2.6100e-003		41.2506	41.2506	7.9000e-004	7.6000e-004	41.4957
Total		**0.9702**	**8.2966**	**3.5717**	**0.0529**		**0.6703**	**0.6703**		**0.6703**	**0.6703**		**10,583.7632**	**10,583.7632**	**0.2029**	**0.1940**	**10,646.6572**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government Office Building	0.664218	7.1600e-003	0.0651	0.0547	3.9000e-004		4.9500e-003	4.9500e-003		4.9500e-003	4.9500e-003		78.1433	78.1433	1.5000e-003	1.4300e-003	78.6077
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	88.9471	0.9592	8.1971	3.4881	0.0523		0.6627	0.6627		0.6627	0.6627		10,464.3692	10,464.3692	0.2006	0.1919	10,526.5537
Strip Mall	0.35063	3.7800e-003	0.0344	0.0289	2.1000e-004		2.6100e-003	2.6100e-003		2.6100e-003	2.6100e-003		41.2506	41.2506	7.9000e-004	7.6000e-004	41.4957
Total		**0.9702**	**8.2966**	**3.5717**	**0.0529**		**0.6703**	**0.6703**		**0.6703**	**0.6703**		**10,583.7632**	**10,583.7632**	**0.2029**	**0.1940**	**10,646.6572**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	93.2551	6.4649	94.3799	0.0394		0.9478	0.9478		0.9478	0.9478	0.0000	7,065.0798	7,065.0798	0.2912	0.1265	7,110.0522
Unmitigated	93.2551	6.4649	94.3799	0.0394		0.9478	0.9478		0.9478	0.9478	0.0000	7,065.0798	7,065.0798	0.2912	0.1265	7,110.0522

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	14.7214					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	75.1357					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.6324	5.4043	2.2997	0.0345		0.4369	0.4369		0.4369	0.4369	0.0000	6,899.1177	6,899.1177	0.1322	0.1265	6,940.1157
Landscaping	2.7655	1.0606	92.0802	4.8700e-003		0.5109	0.5109		0.5109	0.5109		165.9622	165.9622	0.1590		169.9366
Total	**93.2551**	**6.4649**	**94.3799**	**0.0394**		**0.9478**	**0.9478**		**0.9478**	**0.9478**	**0.0000**	**7,065.0798**	**7,065.0798**	**0.2912**	**0.1265**	**7,110.0522**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	14.7214					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	75.1357					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.6324	5.4043	2.2997	0.0345		0.4369	0.4369		0.4369	0.4369	0.0000	6,899.1177	6,899.1177	0.1322	0.1265	6,940.1157
Landscaping	2.7655	1.0606	92.0802	4.8700e-003		0.5109	0.5109		0.5109	0.5109		165.9622	165.9622	0.1590		169.9366
Total	**93.2551**	**6.4649**	**94.3799**	**0.0394**		**0.9478**	**0.9478**		**0.9478**	**0.9478**	**0.0000**	**7,065.0798**	**7,065.0798**	**0.2912**	**0.1265**	**7,110.0522**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0	12	167.63	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (100 - 175 HP)	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

11.0 Vegetation

The Ranch Operational Buildout

Contra Costa County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	14.81	1000sqft	3.00	14,810.00	0
Other Asphalt Surfaces	42.06	Acre	42.06	1,832,133.60	0
Other Non-Asphalt Surfaces	2.75	Acre	2.75	119,790.00	0
City Park	20.00	Acre	20.00	871,200.00	0
Single Family Housing	1,117.00	Dwelling Unit	253.50	3,407,800.00	3790
Strip Mall	54.00	1000sqft	1.24	54,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2029
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	491.65	**CH4 Intensity (lb/MWhr)**	0.022	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

The Ranch Operational Buildout - Contra Costa County, Winter

Project Characteristics - Adjusted for Renewable Portfolio Standard (RPS)

Land Use - Based on The Ranch at Antioch Development Standards & Design Guidelines 07.2019 (Carlson Barbee & Gibson, Inc.) and The Ranch TIA 12.2019 (Fehr & Peers); Government office building: Fire Station; Other non-asphalt surfaces= Landscape+ Open trails

Construction Phase - No construction

Off-road Equipment - Based on an 8 hour day

Off-road Equipment - No construction

Trips and VMT -

Grading -

Vehicle Trips - Trip rates based on The Ranch TIA Nov 2019 (Fehr & Peers)

Woodstoves - No woodburning fireplaces or woodstoves in compliance with BAAQMD Regulation 6 Rule 3.

Area Coating -

Energy Use -

Solid Waste -

Construction Off-road Equipment Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps - Emergency generator per Fire Station 89

The Ranch Operational Buildout - Contra Costa County, Winter

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Residential_Exterior	2300265	2502765
tblAreaCoating	Area_Residential_Interior	6900795	7508295
tblFireplaces	FireplaceWoodMass	228.80	0.00
tblLandUse	LandUseSquareFeet	2,010,600.00	3,407,800.00
tblLandUse	LotAcreage	0.34	3.00
tblLandUse	LotAcreage	362.66	253.50
tblLandUse	Population	3,195.00	3,790.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	641.35	491.65
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	0.00	1.35
tblVehicleTrips	ST_TR	9.91	7.99
tblVehicleTrips	ST_TR	42.04	37.78
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	0.00	1.35
tblVehicleTrips	SU_TR	8.62	7.99
tblVehicleTrips	SU_TR	20.43	37.78
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	68.93	1.35
tblVehicleTrips	WD_TR	9.52	7.99
tblVehicleTrips	WD_TR	44.32	37.78
tblWoodstoves	WoodstoveWoodMass	956.80	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	93.2551	6.4649	94.3799	0.0394		0.9478	0.9478		0.9478	0.9478	0.0000	7,065.0798	7,065.0798	0.2912	0.1265	7,110.0522
Energy	0.9702	8.2966	3.5717	0.0529		0.6703	0.6703		0.6703	0.6703		10,583.7632	10,583.7632	0.2029	0.1940	10,646.6572
Mobile	9.3512	44.8266	109.9192	0.4433	50.4943	0.3102	50.8045	13.5028	0.2883	13.7911		44,935.9180	44,935.9180	1.4474		44,972.1032
Stationary	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**103.5765**	**59.5881**	**207.8708**	**0.5356**	**50.4943**	**1.9284**	**52.4226**	**13.5028**	**1.9065**	**15.4092**	**0.0000**	**62,584.7610**	**62,584.7610**	**1.9415**	**0.3205**	**62,728.8126**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	93.2551	6.4649	94.3799	0.0394		0.9478	0.9478		0.9478	0.9478	0.0000	7,065.0798	7,065.0798	0.2912	0.1265	7,110.0522
Energy	0.9702	8.2966	3.5717	0.0529		0.6703	0.6703		0.6703	0.6703		10,583.7632	10,583.7632	0.2029	0.1940	10,646.6572
Mobile	9.3512	44.8266	109.9192	0.4433	50.4943	0.3102	50.8045	13.5028	0.2883	13.7911		44,935.9180	44,935.9180	1.4474		44,972.1032
Stationary	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**103.5765**	**59.5881**	**207.8708**	**0.5356**	**50.4943**	**1.9284**	**52.4226**	**13.5028**	**1.9065**	**15.4092**	**0.0000**	**62,584.7610**	**62,584.7610**	**1.9415**	**0.3205**	**62,728.8126**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	12/13/2019	11/12/2020	5	240	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 44.81

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.2 Site Preparation - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.2 Site Preparation - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.2 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9.3512	44.8266	109.9192	0.4433	50.4943	0.3102	50.8045	13.5028	0.2883	13.7911		44,935.9180	44,935.9180	1.4474		44,972.1032
Unmitigated	9.3512	44.8266	109.9192	0.4433	50.4943	0.3102	50.8045	13.5028	0.2883	13.7911		44,935.9180	44,935.9180	1.4474		44,972.1032

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Government Office Building	19.99	19.99	19.99	34,286	34,286
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	8,924.83	8,924.83	8924.83	20,612,853	20,612,853
Strip Mall	2,040.12	2,040.12	2040.12	3,141,852	3,141,852
Total	10,984.94	10,984.94	10,984.94	23,788,991	23,788,991

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00	50	34	16
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Single Family Housing	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Government Office Building	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Other Asphalt Surfaces	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Other Non-Asphalt Surfaces	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Single Family Housing	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Strip Mall	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

The Ranch Operational Buildout - Contra Costa County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.9702	8.2966	3.5717	0.0529		0.6703	0.6703		0.6703	0.6703		10,583.7632	10,583.7632	0.2029	0.1940	10,646.6572
NaturalGas Unmitigated	0.9702	8.2966	3.5717	0.0529		0.6703	0.6703		0.6703	0.6703		10,583.7632	10,583.7632	0.2029	0.1940	10,646.6572

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government Office Building	664.218	7.1600e-003	0.0651	0.0547	3.9000e-004		4.9500e-003	4.9500e-003		4.9500e-003	4.9500e-003		78.1433	78.1433	1.5000e-003	1.4300e-003	78.6077
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	88947.1	0.9592	8.1971	3.4881	0.0523		0.6627	0.6627		0.6627	0.6627		10,464.3692	10,464.3692	0.2006	0.1919	10,526.5537
Strip Mall	350.63	3.7800e-003	0.0344	0.0289	2.1000e-004		2.6100e-003	2.6100e-003		2.6100e-003	2.6100e-003		41.2506	41.2506	7.9000e-004	7.6000e-004	41.4957
Total		**0.9702**	**8.2966**	**3.5717**	**0.0529**		**0.6703**	**0.6703**		**0.6703**	**0.6703**		**10,583.7632**	**10,583.7632**	**0.2029**	**0.1940**	**10,646.6572**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government Office Building	0.664218	7.1600e-003	0.0651	0.0547	3.9000e-004		4.9500e-003	4.9500e-003		4.9500e-003	4.9500e-003		78.1433	78.1433	1.5000e-003	1.4300e-003	78.6077
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	88.9471	0.9592	8.1971	3.4881	0.0523		0.6627	0.6627		0.6627	0.6627		10,464.3692	10,464.3692	0.2006	0.1919	10,526.5537
Strip Mall	0.35063	3.7800e-003	0.0344	0.0289	2.1000e-004		2.6100e-003	2.6100e-003		2.6100e-003	2.6100e-003		41.2506	41.2506	7.9000e-004	7.6000e-004	41.4957
Total		**0.9702**	**8.2966**	**3.5717**	**0.0529**		**0.6703**	**0.6703**		**0.6703**	**0.6703**		**10,583.7632**	**10,583.7632**	**0.2029**	**0.1940**	**10,646.6572**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	93.2551	6.4649	94.3799	0.0394		0.9478	0.9478		0.9478	0.9478	0.0000	7,065.0798	7,065.0798	0.2912	0.1265	7,110.0522
Unmitigated	93.2551	6.4649	94.3799	0.0394		0.9478	0.9478		0.9478	0.9478	0.0000	7,065.0798	7,065.0798	0.2912	0.1265	7,110.0522

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	14.7214					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	75.1357					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.6324	5.4043	2.2997	0.0345		0.4369	0.4369		0.4369	0.4369	0.0000	6,899.1177	6,899.1177	0.1322	0.1265	6,940.1157
Landscaping	2.7655	1.0606	92.0802	4.8700e-003		0.5109	0.5109		0.5109	0.5109		165.9622	165.9622	0.1590		169.9366
Total	**93.2551**	**6.4649**	**94.3799**	**0.0394**		**0.9478**	**0.9478**		**0.9478**	**0.9478**	**0.0000**	**7,065.0798**	**7,065.0798**	**0.2912**	**0.1265**	**7,110.0522**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	14.7214					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	75.1357					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.6324	5.4043	2.2997	0.0345		0.4369	0.4369		0.4369	0.4369	0.0000	6,899.1177	6,899.1177	0.1322	0.1265	6,940.1157
Landscaping	2.7655	1.0606	92.0802	4.8700e-003		0.5109	0.5109		0.5109	0.5109		165.9622	165.9622	0.1590		169.9366
Total	**93.2551**	**6.4649**	**94.3799**	**0.0394**		**0.9478**	**0.9478**		**0.9478**	**0.9478**	**0.0000**	**7,065.0798**	**7,065.0798**	**0.2912**	**0.1265**	**7,110.0522**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0	12	167.63	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (100 - 175 HP)	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

11.0 Vegetation

The Ranch Operational Buildout

Contra Costa County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	14.81	1000sqft	3.00	14,810.00	0
Other Asphalt Surfaces	42.06	Acre	42.06	1,832,133.60	0
Other Non-Asphalt Surfaces	2.75	Acre	2.75	119,790.00	0
City Park	20.00	Acre	20.00	871,200.00	0
Single Family Housing	1,117.00	Dwelling Unit	253.50	3,407,800.00	3790
Strip Mall	54.00	1000sqft	1.24	54,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2029
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	491.65	**CH4 Intensity (lb/MWhr)**	0.022	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Adjusted for Renewable Portfolio Standard (RPS)

Land Use - Based on The Ranch at Antioch Development Standards & Design Guidelines 07.2019 (Carlson Barbee & Gibson, Inc.) and The Ranch TIA 12.2019 (Fehr & Peers); Government office building: Fire Station; Other non-asphalt surfaces= Landscape+ Open trails

Construction Phase - No construction

Off-road Equipment - Based on an 8 hour day

Off-road Equipment - No construction

Trips and VMT -

Grading -

Vehicle Trips - Trip rates based on The Ranch TIA Nov 2019 (Fehr & Peers)

Woodstoves - No woodburning fireplaces or woodstoves in compliance with BAAQMD Regulation 6 Rule 3.

Area Coating -

Energy Use -

Solid Waste -

Construction Off-road Equipment Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps - Emergency generator per Fire Station 89

The Ranch Operational Buildout - Contra Costa County, Annual

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Residential_Exterior	2300265	2502765
tblAreaCoating	Area_Residential_Interior	6900795	7508295
tblFireplaces	FireplaceWoodMass	228.80	0.00
tblLandUse	LandUseSquareFeet	2,010,600.00	3,407,800.00
tblLandUse	LotAcreage	0.34	3.00
tblLandUse	LotAcreage	362.66	253.50
tblLandUse	Population	3,195.00	3,790.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	641.35	491.65
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	0.00	1.35
tblVehicleTrips	ST_TR	9.91	7.99
tblVehicleTrips	ST_TR	42.04	37.78
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	0.00	1.35
tblVehicleTrips	SU_TR	8.62	7.99
tblVehicleTrips	SU_TR	20.43	37.78
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	68.93	1.35
tblVehicleTrips	WD_TR	9.52	7.99
tblVehicleTrips	WD_TR	44.32	37.78
tblWoodstoves	WoodstoveWoodMass	956.80	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	16.6514	0.1256	8.3000	6.3000e-004		0.0484	0.0484		0.0484	0.0484	0.0000	48.4116	48.4116	0.0137	6.4000e-004	48.9433
Energy	0.1771	1.5141	0.6518	9.6600e-003		0.1223	0.1223		0.1223	0.1223	0.0000	3,955.2496	3,955.2496	0.1322	0.0545	3,974.8032
Mobile	1.7589	8.0434	19.1083	0.0817	8.8776	0.0563	8.9339	2.3808	0.0523	2.4331	0.0000	7,511.3364	7,511.3364	0.2326	0.0000	7,517.1511
Stationary	1.6400e-003	4.6000e-003	5.9700e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.7631	0.7631	1.1000e-004	0.0000	0.7658
Waste						0.0000	0.0000		0.0000	0.0000	337.7749	0.0000	337.7749	19.9619	0.0000	836.8231
Water						0.0000	0.0000		0.0000	0.0000	25.2912	153.9295	179.2207	2.6045	0.0629	263.0787
Total	**18.5890**	**9.6877**	**28.0662**	**0.0920**	**8.8776**	**0.2273**	**9.1049**	**2.3808**	**0.2233**	**2.6041**	**363.0661**	**11,669.6902**	**12,032.7564**	**22.9450**	**0.1181**	**12,641.5652**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	16.6514	0.1256	8.3000	6.3000e-004		0.0484	0.0484		0.0484	0.0484	0.0000	48.4116	48.4116	0.0137	6.4000e-004	48.9433
Energy	0.1771	1.5141	0.6518	9.6600e-003		0.1223	0.1223		0.1223	0.1223	0.0000	3,955.2496	3,955.2496	0.1322	0.0545	3,974.8032
Mobile	1.7589	8.0434	19.1083	0.0817	8.8776	0.0563	8.9339	2.3808	0.0523	2.4331	0.0000	7,511.3364	7,511.3364	0.2326	0.0000	7,517.1511
Stationary	1.6400e-003	4.6000e-003	5.9700e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.7631	0.7631	1.1000e-004	0.0000	0.7658
Waste						0.0000	0.0000		0.0000	0.0000	337.7749	0.0000	337.7749	19.9619	0.0000	836.8231
Water						0.0000	0.0000		0.0000	0.0000	25.2912	153.9295	179.2207	2.6045	0.0629	263.0787
Total	**18.5890**	**9.6877**	**28.0662**	**0.0920**	**8.8776**	**0.2273**	**9.1049**	**2.3808**	**0.2233**	**2.6041**	**363.0661**	**11,669.6902**	**12,032.7564**	**22.9450**	**0.1181**	**12,641.5652**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	12/13/2019	11/12/2020	5	240	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 44.81

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.2 Site Preparation - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.2 Site Preparation - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.7589	8.0434	19.1083	0.0817	8.8776	0.0563	8.9339	2.3808	0.0523	2.4331	0.0000	7,511.3364	7,511.3364	0.2326	0.0000	7,517.1511
Unmitigated	1.7589	8.0434	19.1083	0.0817	8.8776	0.0563	8.9339	2.3808	0.0523	2.4331	0.0000	7,511.3364	7,511.3364	0.2326	0.0000	7,517.1511

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Government Office Building	19.99	19.99	19.99	34,286	34,286
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	8,924.83	8,924.83	8924.83	20,612,853	20,612,853
Strip Mall	2,040.12	2,040.12	2040.12	3,141,852	3,141,852
Total	10,984.94	10,984.94	10,984.94	23,788,991	23,788,991

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00	50	34	16
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Single Family Housing	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Government Office Building	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Other Asphalt Surfaces	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Other Non-Asphalt Surfaces	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Single Family Housing	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672
Strip Mall	0.605339	0.035098	0.184390	0.109343	0.012453	0.004847	0.010836	0.026012	0.001659	0.001558	0.005128	0.002664	0.000672

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

The Ranch Operational Buildout - Contra Costa County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,202.9889	2,202.9889	0.0986	0.0224	2,212.1297
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,202.9889	2,202.9889	0.0986	0.0224	2,212.1297
NaturalGas Mitigated	0.1771	1.5141	0.6518	9.6600e-003		0.1223	0.1223		0.1223	0.1223	0.0000	1,752.2607	1,752.2607	0.0336	0.0321	1,762.6735
NaturalGas Unmitigated	0.1771	1.5141	0.6518	9.6600e-003		0.1223	0.1223		0.1223	0.1223	0.0000	1,752.2607	1,752.2607	0.0336	0.0321	1,762.6735

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Government Office Building	242440	1.3100e-003	0.0119	9.9800e-003	7.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	12.9375	12.9375	2.5000e-004	2.4000e-004	13.0144
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.24657e+007	0.1751	1.4960	0.6366	9.5500e-003		0.1210	0.1210		0.1210	0.1210	0.0000	1,732.4937	1,732.4937	0.0332	0.0318	1,742.7890
Strip Mall	127980	6.9000e-004	6.2700e-003	5.2700e-003	4.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004	0.0000	6.8295	6.8295	1.3000e-004	1.3000e-004	6.8701
Total		**0.1771**	**1.5141**	**0.6518**	**9.6600e-003**		**0.1223**	**0.1223**		**0.1223**	**0.1223**	**0.0000**	**1,752.2607**	**1,752.2607**	**0.0336**	**0.0321**	**1,762.6735**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Government Office Building	242440	1.3100e-003	0.0119	9.9800e-003	7.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	12.9375	12.9375	2.5000e-004	2.4000e-004	13.0144
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.24657e+007	0.1751	1.4960	0.6366	9.5500e-003		0.1210	0.1210		0.1210	0.1210	0.0000	1,732.4937	1,732.4937	0.0332	0.0318	1,742.7890
Strip Mall	127980	6.9000e-004	6.2700e-003	5.2700e-003	4.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004	0.0000	6.8295	6.8295	1.3000e-004	1.3000e-004	6.8701
Total		**0.1771**	**1.5141**	**0.6518**	**9.6600e-003**		**0.1223**	**0.1223**		**0.1223**	**0.1223**	**0.0000**	**1,752.2607**	**1,752.2607**	**0.0336**	**0.0321**	**1,762.6735**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Government Office Building	264062	58.8882	2.6400e-003	6.0000e-004	59.1325
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	9.03717e+006	2,015.3667	0.0902	0.0205	2,023.7290
Strip Mall	577260	128.7340	5.7600e-003	1.3100e-003	129.2682
Total		**2,202.9889**	**0.0986**	**0.0224**	**2,212.1297**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Government Office Building	264062	58.8882	2.6400e-003	6.0000e-004	59.1325
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	9.03717e+006	2,015.3667	0.0902	0.0205	2,023.7290
Strip Mall	577260	128.7340	5.7600e-003	1.3100e-003	129.2682
Total		**2,202.9889**	**0.0986**	**0.0224**	**2,212.1297**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	16.6514	0.1256	8.3000	6.3000e-004		0.0484	0.0484		0.0484	0.0484	0.0000	48.4116	48.4116	0.0137	6.4000e-004	48.9433
Unmitigated	16.6514	0.1256	8.3000	6.3000e-004		0.0484	0.0484		0.0484	0.0484	0.0000	48.4116	48.4116	0.0137	6.4000e-004	48.9433

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	2.6867					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	13.7123					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	3.5200e-003	0.0301	0.0128	1.9000e-004		2.4300e-003	2.4300e-003		2.4300e-003	2.4300e-003	0.0000	34.8614	34.8614	6.7000e-004	6.4000e-004	35.0685
Landscaping	0.2489	0.0955	8.2872	4.4000e-004		0.0460	0.0460		0.0460	0.0460	0.0000	13.5503	13.5503	0.0130	0.0000	13.8748
Total	**16.6514**	**0.1256**	**8.3000**	**6.3000e-004**		**0.0484**	**0.0484**		**0.0484**	**0.0484**	**0.0000**	**48.4116**	**48.4116**	**0.0137**	**6.4000e-004**	**48.9433**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	2.6867					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	13.7123					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	3.5200e-003	0.0301	0.0128	1.9000e-004		2.4300e-003	2.4300e-003		2.4300e-003	2.4300e-003	0.0000	34.8614	34.8614	6.7000e-004	6.4000e-004	35.0685
Landscaping	0.2489	0.0955	8.2872	4.4000e-004		0.0460	0.0460		0.0460	0.0460	0.0000	13.5503	13.5503	0.0130	0.0000	13.8748
Total	**16.6514**	**0.1256**	**8.3000**	**6.3000e-004**		**0.0484**	**0.0484**		**0.0484**	**0.0484**	**0.0000**	**48.4116**	**48.4116**	**0.0137**	**6.4000e-004**	**48.9433**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	179.2207	2.6045	0.0629	263.0787
Unmitigated	179.2207	2.6045	0.0629	263.0787

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 23.8296	18.5998	8.3000e-004	1.9000e-004	18.6769
Government Office Building	2.94215 / 1.80325	5.8912	0.0961	2.3100e-003	8.9831
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	72.777 / 45.8812	146.7205	2.3770	0.0573	223.2060
Strip Mall	3.99992 / 2.45156	8.0092	0.1306	3.1500e-003	12.2127
Total		**179.2207**	**2.6045**	**0.0629**	**263.0787**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 23.8296	18.5998	8.3000e-004	1.9000e-004	18.6769
Government Office Building	2.94215 / 1.80325	5.8912	0.0961	2.3100e-003	8.9831
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	72.777 / 45.8812	146.7205	2.3770	0.0573	223.2060
Strip Mall	3.99992 / 2.45156	8.0092	0.1306	3.1500e-003	12.2127
Total		**179.2207**	**2.6045**	**0.0629**	**263.0787**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	337.7749	19.9619	0.0000	836.8231
Unmitigated	337.7749	19.9619	0.0000	836.8231

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	1.72	0.3491	0.0206	0.0000	0.8650
Government Office Building	13.77	2.7952	0.1652	0.0000	6.9250
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1591.8	323.1210	19.0959	0.0000	800.5186
Strip Mall	56.7	11.5096	0.6802	0.0000	28.5145
Total		**337.7749**	**19.9619**	**0.0000**	**836.8231**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	1.72	0.3491	0.0206	0.0000	0.8650
Government Office Building	13.77	2.7952	0.1652	0.0000	6.9250
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1591.8	323.1210	19.0959	0.0000	800.5186
Strip Mall	56.7	11.5096	0.6802	0.0000	28.5145
Total		**337.7749**	**19.9619**	**0.0000**	**836.8231**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0	12	167.63	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Emergency Generator - Diesel (100 - 175 HP)	1.6400e-003	4.6000e-003	5.9700e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.7631	0.7631	1.1000e-004	0.0000	0.7658
Total	**1.6400e-003**	**4.6000e-003**	**5.9700e-003**	**1.0000e-005**		**2.4000e-004**	**2.4000e-004**		**2.4000e-004**	**2.4000e-004**	**0.0000**	**0.7631**	**0.7631**	**1.1000e-004**	**0.0000**	**0.7658**

11.0 Vegetation

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C.2 - Construction Health Risk Assessment

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Ranch EIR Residential Project Construction Parameters

PHASE 1

Estimation of Annual Onsite Construction Emissions (Phase 1)

Start of Construction	6/21/2021	1/1/2022	1/1/2023	
End of Construction	12/31/2021	12/31/2022	12/12/2023	**Total**
Number of Days	193	364	345	902
Number of Hours	4,632	8,736	8,280	21,648
Number of Construction Days	140	260	247	647
Number of Construction Hours (8 hours/day)	1,120	2,080	1,976	5,176

Size of the construction area source (Phase 1): 583,150 sq-meters

Year	On-site Construction Activity	Unmitigated Onsite DPM (tons)	Unmitigated Onsite PM2.5 (tons)
2021	on demo	0.00721	0.00733
2021	on site prep	0.00001	0.0635
2021	on grading	0.00722	0.0914
2021	on bc	0.0188	0.0274
2022	on bc	0.00001	0.1056
2023	on bc	0.01881	0.0738
2023	on arc	0.0484	0.00175
2023	on pav	0.00003	0.00868

Year	On-site Construction Activity	Mitigated Onsite DPM (tons)	Mitigated Onsite PM2.5 (tons)
2021	on demo	0.00031	0.00043
2021	on site prep	0.00062	0.0453
2021	on grading	0.00269	0.0457
2021	on bc	0.00125	0.00125
2022	on bc	0.0057	0.0057
2023	on bc	0.00461	0.00461
2023	on arc	0.0001	0.0001
2023	on pav	0.00069	0.00069

Total Unmitigated DPM (On-site) 1.005E-01 tons

Average Emission
9.124E+04 grams
4.897E-03 grams/sec
8.397E-09 grams/m2-sec

Total Mitigated DPM (On-site) 1.597E-02 tons

Average Emission
1.450E+04 grams
7.782E-04 grams/sec
1.334E-09 grams/m2-sec

Total Unmitigated PM2.5 (On-site) 3.795E-01 tons

Average Emission
3.445E+05 grams
1.849E-02 grams/sec
3.171E-08 grams/m2-sec

Total Mitigated PM2.5 (On-site) 1.038E-01 tons

Average Emission
9.423E+04 grams
5.057E-03 grams/sec
8.672E-09 grams/m2-sec

Ranch EIR Residential Project Construction Parameters

PHASE 2

Estimation of Annual Onsite Construction Emissions (Phase 2)

Start of Construction	3/19/2024	1/1/2025	1/1/2026	
End of Construction	12/31/2024	12/31/2025	12/2/2026	**Total**
Number of Days	287	364	335	986
Number of Hours	6,888	8,736	8,040	23,664
Number of Construction Days	206	261	240	707
Number of Construction Hours (8 hours/day)	1,648	2,088	1,920	5,656

Size of the construction area source (Phase 2): **277,645 sq-meters**

Year	On-site Construction Activity	Unmitigated Onsite DPM (tons)	Unmitigated Onsite PM2.5 (tons)
2024	on site prep	0.0119	0.0588
2024	on grading	0.0356	0.0807
2024	on bc	0.0392	0.0392
2025	on bc	0.0692	0.0692
2026	on bc	0.053	0.053
2026	on arc	0.00137	0.00137
2026	on pav	0.0077	0.0077

Total Unmitigated DPM (On-site) 2.180E-01 tons

Average Emission
1.979E+05 grams
9.720E-03 grams/sec
3.501E-08 grams/m2-sec

Total Unmitigated PM2.5 (On-site) 3.100E-01 tons

Average Emission
2.815E+05 grams
1.382E-02 grams/sec
4.979E-08 grams/m2-sec

Year	On-site Construction Activity	Mitigated Onsite DPM (tons)	Mitigated Onsite PM2.5 (tons)
2024	on site prep	0.00065	0.0476
2024	on grading	0.00294	0.048
2024	on bc	0.00279	0.00279
2025	on bc	0.00572	0.00572
2026	on bc	0.00439	0.00439
2026	on arc	0.00011	0.00011
2026	on pav	0.00075	0.00075

Total Mitigated DPM (On-site) 1.735E-02 tons

Average Emission
1.575E+04 grams
7.737E-04 grams/sec
2.787E-09 grams/m2-sec

Total Mitigated PM2.5 (On-site) 1.094E-01 tons

Average Emission
9.930E+04 grams
4.877E-03 grams/sec
1.756E-08 grams/m2-sec

Ranch EIR Residential Project Construction Parameters

PHASE 3

Estimation of Annual Onsite Construction Emissions (Phase3)

Start of Construction	3/22/2027	1/1/2028	1/1/2029	
End of Construction	12/31/2027	12/31/2028	12/12/2029	**Total**
Number of Days	284	365	345	994
Number of Hours	6,816	8,760	8,280	23,856
Number of Construction Days	205	260	248	713
Number of Construction Hours (8 hours/day)	1,640	2,080	1,984	5,704

Size of the construction area source (Phase 3): 539,359 sq-meters

Year	**On-site Construction Activity**	**Unmitigated Onsite DPM (tons)**	**Unmitigated Onsite PM2.5 (tons)**
2027	on site prep	0.0115	0.0629
2027	on grading	0.0307	0.0781
2027	on bc	0.0326	0.0326
2028	on bc	0.069	0.069
2029	on bc	0.0546	0.0546
2029	on arc	0.00144	0.00144
2029	on pav	0.00809	0.00809

Total Unmitigated DPM (On-site) 2.079E-01 tons

Average Emission
1.888E+05 grams
9.194E-03 grams/sec
1.705E-08 grams/m2-sec

Total Unmitigated PM2.5 (On-site) 3.067E-01 tons

Average Emission
2.785E+05 grams
1.356E-02 grams/sec
2.515E-08 grams/m2-sec

Year	**On-site Construction Activity**	**Mitigated Onsite DPM (tons)**	**Mitigated Onsite PM2.5 (tons)**
2027	on site prep	0.00071	0.0521
2027	on grading	0.0027	0.0027
2027	on bc	0.0027	0.0027
2028	on bc	0.0057	0.0057
2029	on bc	0.00452	0.00452
2029	on arc	0.00011	0.00011
2029	on pav	0.00079	0.00079

Total Mitigated DPM (On-site) 1.723E-02 tons

Average Emission
1.564E+04 grams
7.619E-04 grams/sec
1.413E-09 grams/m2-sec

Total Mitigated PM2.5 (On-site) 6.862E-02 tons

Average Emission
6.231E+04 grams
3.034E-03 grams/sec
5.626E-09 grams/m2-sec

City of Antioch - The Ranch Residential Project

Project Site **Phase 1**

Estimation of Annual Offsite Construction DPM Emissions (No Mitigation)

	Start of Construction	6/21/2021	1/1/2022	1/1/2023	
	End of Construction	12/31/2021	12/31/2022	12/12/2023	**Total**
	Number of Days	193	364	345	902
	Number of Hours	4,632	8,736	8,280	21,648
	Number of Construction Days	140	260	247	647
	Number of Construction Hours (8 hours/day)	1,120	2,080	1,976	5,176

		Phase 1 2021	Phase 1 2021	Phase 1 2021	Phase 1 2021	Phase 1 2022	Phase 1 2023	Phase 1 2023	Phase 1 2023
	Construction Trip Type	Demolition	Site Preparation	Grading	Building Construction	Building Construction	Building Construction	Architectural Coating	Paving
PM2.5 Fugitive Dust	Haul Truck	0.00004	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PM2.5 Fugitive Dust	Vendor Truck	0.00000	0.00000	0.00000	0.01220	0.05560	0.04490	0.00000	0.00000
PM2.5 Fugitive Dust	Worker	0.00016	0.00038	0.00112	0.03640	0.16620	0.13420	0.00472	0.00059
PM2.5 Fugitive Dust	Total	0.00020	0.00038	0.00112	0.04860	0.22180	0.17910	0.00472	0.00059
DPM (PM2.5 Exhaust)	Haul Truck	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
DPM (PM2.5 Exhaust)	Vendor Truck	0.00000	0.00000	0.00000	0.00142	0.00563	0.00200	0.00000	0.00000
DPM (PM2.5 Exhaust)	Worker	0.00000	0.00001	0.00003	0.00082	0.00365	0.00289	0.00010	0.00001
DPM (PM2.5 Exhaust)	Total	0.00001	0.00001	0.00003	0.00224	0.00928	0.00489	0.00010	0.00001
PM2.5 Total	Haul Truck	0.00005	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PM2.5 Total	Vendor Truck	0.00000	0.00000	0.00000	0.01362	0.06123	0.04690	0.00000	0.00000
PM2.5 Total	Worker	0.00016	0.00039	0.00115	0.03722	0.16985	0.13709	0.00482	0.00060
PM2.5 Total	Total	0.00021	0.00039	0.00115	0.05084	0.23108	0.18399	0.00482	0.00060

		Haul Truck (tons)	**Vendor Truck (tons)**	**Worker (tons)**	**Total (tons)**
Total DPM		1.000E-05	9.050E-03	7.510E-03	1.657E-02
				Checking Total	1.657E-02
Average Emissions	Grams	9.080E+00	8.217E+03	6.819E+03	
	Grams/sec	4.873E-07	4.410E-04	3.660E-04	
	Default Vehicle Travel Distance in CalEEMod	20	7.3	10.8	

	Vehicle Travel Distances in the Construction HRA (miles)				
ACCESS POINT #1. SOUTH BOUND - Going Away	Road 1(mi)	0.67	0.67	0.67	miles
ACCESS POINT #1.SOUTH BOUND -Coming to site	Road 2(mi)	0.67	0.67	0.67	miles
ACCESS POINT #1.NORTHBOUND - Going Away	Road 3(mi)	1.08	1.08	1.08	miles
ACCESS POINT #1.NORTHBOUND - Coming to site	Road 4(mi)	1.08	1.08	1.08	miles
ACCESS POINT #2. Going Away	Road 5(mi)	0.39	0.39	0.39	miles
ACCESS POINT #2. Coming to site	Road 6(mi)	0.39	0.39	0.39	miles
	Trip Distribution (percent)				
	Road 1(mi)	25%	25%	25%	
	Road 2(mi)	25%	25%	25%	
	Road 3(mi)	25%	25%	25%	
	Road 4(mi)	25%	25%	25%	
	Road 5(mi)	0%	0%	0%	
	Road 6(mi)	0%	0%	0%	
	Total Average Offsite Vehicle Emissions Along Travel Distance (g/sec)				**Total**
	Road 1(mi)	4.057E-09	1.006E-05	5.643E-06	1.571E-05
	Road 2(mi)	4.110E-09	1.019E-05	5.716E-06	1.591E-05
	Road 3(mi)	6.580E-09	1.632E-05	9.152E-06	2.547E-05
	Road 4(mi)	6.553E-09	1.625E-05	9.114E-06	2.537E-05
	Road 5(mi)	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	Road 6(mi)	0.000E+00	0.000E+00	0.000E+00	0.000E+00

		Haul Truck (tons)	**Vendor Truck (tons)**	**Worker (tons)**	**Total (tons)**
Total PM2.5 Total		5.000E-05	1.218E-01	3.513E-01	4.731E-01
				Checking Total	4.731E-01
Average Emissions	Grams	4.540E+01	1.105E+05	3.190E+05	
	Grams/sec	2.436E-06	5.933E-03	1.712E-02	
	Default Vehicle Travel Distance in CalEEMod	20	7.3	10.8	

	Vehicle Travel Distances in the Construction HRA (miles)				
	Road 1(mi)	0.67	0.67	0.67	miles
	Road 2(mi)	0.67	0.67	0.67	miles
	Road 3(mi)	1.08	1.08	1.08	miles
	Road 4(mi)	1.08	1.08	1.08	miles
	Road 5(mi)	0.39	0.39	0.39	miles
	Road 6(mi)	0.39	0.39	0.39	miles
	Trip Distribution (percent)				
	Road 1(mi)	25%	25%	25%	
	Road 2(mi)	25%	25%	25%	
	Road 3(mi)	25%	25%	25%	
	Road 4(mi)	25%	25%	25%	
	Road 5(mi)	0%	0%	0%	
	Road 6(mi)	0%	0%	0%	
	Total Average Offsite Vehicle Emissions Along Travel Distance (g/sec)				**Total**
	Road 1(mi)	2.029E-08	1.353E-04	2.639E-04	3.993E-04
	Road 2(mi)	2.055E-08	1.371E-04	2.674E-04	4.045E-04
	Road 3(mi)	3.290E-08	2.195E-04	4.281E-04	6.476E-04
	Road 4(mi)	3.277E-08	2.186E-04	4.263E-04	6.449E-04
	Road 5(mi)	0.000E+00	0.000E+00	0.000E+00	
	Road 6(mi)	0.000E+00	0.000E+00	0.000E+00	

City of Antioch - The Ranch Residential Project

Project Site

Phase 2

Estimation of Annual Offsite Construction DPM Emissions (No Mitigation)

Start of Construction	3/19/2024	1/1/2025	1/1/2026	
End of Construction	12/31/2024	12/31/2025	12/2/2026	**Total**
Number of Days	287	364	335	986
Number of Hours	6,888	8,736	8,040	23,664
Number of Construction Days	206	261	240	707
Number of Construction Hours (8 hours/day)	1,648	2,088	1,920	5,656

		Phase 2 2024	Phase 2 2024	Phase 2 2024	Phase 2 2025	Phase 2 2026	Phase 2 2026	Phase 2 2026
	Construction Trip Type	Site Preparation	Grading	Building Construction	Building Construction	Building Construction	Architectural Coating	Paving
PM2.5 Fugitive Dust	Haul Truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PM2.5 Fugitive Dust	Vendor Truck	0.00000	0.00000	0.02110	0.04340	0.03330	0.00000	0.00000
PM2.5 Fugitive Dust	Worker	0.00040	0.00122	0.06240	0.12830	0.09830	0.00392	0.00063
PM2.5 Fugitive Dust	Total	0.00040	0.00122	0.08360	0.17170	0.13160	0.00392	0.00063
DPM (PM2.5 Exhaust)	Haul Truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
DPM (PM2.5 Exhaust)	Vendor Truck	0.00000	0.00000	0.00092	0.00185	0.00139	0.00000	0.00000
DPM (PM2.5 Exhaust)	Worker	0.00001	0.00003	0.00132	0.00266	0.00198	0.00008	0.00001
DPM (PM2.5 Exhaust)	Total	0.00001	0.00003	0.00224	0.00451	0.00337	0.00008	0.00001
PM2.5 Total	Haul Truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PM2.5 Total	Vendor Truck	0.00000	0.00000	0.02202	0.04525	0.03469	0.00000	0.00000
PM2.5 Total	Worker	0.00041	0.00125	0.06372	0.13096	0.10028	0.00400	0.00064
PM2.5 Total	Total	0.00041	0.00125	0.08584	0.17621	0.13497	0.00400	0.00064

		Haul Truck (tons)	**Vendor Truck (tons)**	**Worker (tons)**	**Total (tons)**
Total DPM		0.000E+00	4.160E-03	6.090E-03	1.025E-02
				Checking Total	1.025E-02
Average Emissions	Grams	0.000E+00	3.777E+03	5.530E+03	
	Grams/sec	0.000E+00	1.855E-04	2.716E-04	
	Default Vehicle Travel Distance in CalEEMod	20	7.3	10.8	

	Vehicle Travel Distances in the Construction HRA (miles)				
ACCESS POINT #1. SOUTH BOUND - Going Away	Road 1(mi)	0.67	0.67	0.67	miles
ACCESS POINT #1.SOUTH BOUND -Coming to site	Road 2(mi)	0.67	0.67	0.67	miles
ACCESS POINT #1.NORTHBOUND - Going Away	Road 3(mi)	1.08	1.08	1.08	miles
ACCESS POINT #1.NORTHBOUND - Coming to site	Road 4(mi)	1.08	1.08	1.08	miles
ACCESS POINT #2. Going Away	Road 5(mi)	0.39	0.39	0.39	miles
ACCESS POINT #2. Coming to site	Road 6(mi)	0.39	0.39	0.39	miles
	Trip Distribution (percent)				
	Road 1(mi)	16.7%	16.7%	16.7%	
	Road 2(mi)	16.7%	16.7%	16.7%	
	Road 3(mi)	16.7%	16.7%	16.7%	
	Road 4(mi)	16.7%	16.7%	16.7%	
	Road 5(mi)	16.6%	16.6%	16.6%	
	Road 6(mi)	16.6%	16.6%	16.6%	
	Total Average Offsite Vehicle Emissions Along Travel Distance (g/sec)				**Total**
	Road 1(mi)	0.000E+00	2.827E-06	2.797E-06	5.624E-06
	Road 2(mi)	0.000E+00	2.864E-06	2.834E-06	5.698E-06
	Road 3(mi)	0.000E+00	4.585E-06	4.537E-06	9.121E-06
	Road 4(mi)	0.000E+00	4.566E-06	4.518E-06	9.084E-06
	Road 5(mi)	0.000E+00	1.644E-06	1.627E-06	3.270E-06
	Road 6(mi)	0.000E+00	1.641E-06	1.623E-06	3.264E-06

		Haul Truck (tons)	**Vendor Truck (tons)**	**Worker (tons)**	**Total (tons)**
Total PM2.5 Total		0.000E+00	1.020E-01	3.013E-01	4.032E-01
				Checking Total	4.033E-01
Average Emissions	Grams	0.000E+00	9.258E+04	2.735E+05	
	Grams/sec	0.000E+00	4.547E-03	1.343E-02	
	Default Vehicle Travel Distance in CalEEMod	20	7.3	10.8	

	Vehicle Travel Distances in the Construction HRA (miles)				
	Road 1(mi)	0.67	0.67	0.67	miles
	Road 2(mi)	0.67	0.67	0.67	miles
	Road 3(mi)	1.08	1.08	1.08	miles
	Road 4(mi)	1.08	1.08	1.08	miles
	Road 5(mi)	0.39	0.39	0.39	miles
	Road 6(mi)	0.39	0.39	0.39	miles
	Trip Distribution (percent)				
	Road 1(mi)	16.7%	16.7%	16.7%	
	Road 2(mi)	16.7%	16.7%	16.7%	
	Road 3(mi)	16.7%	16.7%	16.7%	
	Road 4(mi)	16.7%	16.7%	16.7%	
	Road 5(mi)	16.6%	16.6%	16.6%	
	Road 6(mi)	16.6%	16.6%	16.6%	
	Total Average Offsite Vehicle Emissions Along Travel Distance (g/sec)				**Total**
	Road 1(mi)	0.000E+00	6.929E-05	1.384E-04	2.077E-04
	Road 2(mi)	0.000E+00	7.019E-05	1.402E-04	2.104E-04
	Road 3(mi)	0.000E+00	1.124E-04	2.244E-04	3.368E-04
	Road 4(mi)	0.000E+00	1.119E-04	2.235E-04	3.354E-04
	Road 5(mi)	0.000E+00	4.029E-05	8.046E-05	1.207E-04
	Road 6(mi)	0.000E+00	4.021E-05	8.031E-05	1.205E-04

City of Antioch - The Ranch Residential Project

Project Site **Phase 3**

Estimation of Annual Offsite Construction DPM Emissions (No Mitigation)

Start of Construction	3/22/2027	1/1/2028	1/1/2029		
End of Construction	12/31/2027	12/31/2028	12/12/2029		**Total**
Number of Days	284	365	345		994
Number of Hours	6,816	8,760	8,280		23,856
Number of Construction Days	205	260	248		713
Number of Construction Hours (8 hours/day)	1,640	2,080	1,984		5,704

		Phase 3 2027	Phase 3 2027	Phase 3 2027	Phase 3 2028	Phase 3 2029	Phase 3 2029	Phase 3 2029
	Construction Trip Type	Site Preparation	Grading	Building Construction	Building Construction	Building Construction	Architectural Coating	Paving
PM2.5 Fugitive Dust	Haul Truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PM2.5 Fugitive Dust	Vendor Truck	0.00000	0.00000	0.02420	0.05120	0.04060	0.00000	0.00000
PM2.5 Fugitive Dust	Worker	0.00044	0.00124	0.07500	0.15850	0.12560	0.00514	0.00066
PM2.5 Fugitive Dust	Total	0.00044	0.00124	0.09920	0.20970	0.16610	0.00514	0.00066
DPM (PM2.5 Exhaust)	Haul Truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
DPM (PM2.5 Exhaust)	Vendor Truck	0.00000	0.00000	0.00098	0.00203	0.00158	0.00000	0.00000
DPM (PM2.5 Exhaust)	Worker	0.00001	0.00002	0.00143	0.00281	0.00207	0.00008	0.00001
DPM (PM2.5 Exhaust)	Total	0.00001	0.00002	0.00241	0.00484	0.00365	0.00008	0.00001
PM2.5 Total	Haul Truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PM2.5 Total	Vendor Truck	0.00000	0.00000	0.02518	0.05323	0.04218	0.00000	0.00000
PM2.5 Total	Worker	0.00045	0.00126	0.07643	0.16131	0.12767	0.00522	0.00067
PM2.5 Total	Total	0.00045	0.00126	0.10161	0.21454	0.16975	0.00522	0.00067

		Haul Truck (tons)	**Vendor Truck (tons)**	**Worker (tons)**	**Total (tons)**
Total DPM		0.000E+00	4.590E-03	6.430E-03	1.102E-02
				Checking Total	1.102E-02
Average Emissions	Grams	0.000E+00	4.168E+03	5.838E+03	
	Grams/sec	0.000E+00	2.030E-04	2.843E-04	
	Default Vehicle Travel Distance in CalEEMod	20	7.3	10.8	
	Vehicle Travel Distances in the Construction HRA (miles)				
ACCESS POINT #1. SOUTH BOUN	Road 1(mi)	0.67	0.67	0.67	miles
ACCESS POINT #1.SOUTH BOUNI	Road 2(mi)	0.67	0.67	0.67	miles
ACCESS POINT #1.NORTHBOUNI	Road 3(mi)	1.08	1.08	1.08	miles
ACCESS POINT #1.NORTHBOUNI	Road 4(mi)	1.08	1.08	1.08	miles
ACCESS POINT #2. Going Away	Road 5(mi)	0.39	0.39	0.39	miles
ACCESS POINT #2. Coming to site	Road 6(mi)	0.39	0.39	0.39	miles
	Trip Distribution (percent)				
	Road 1(mi)	16.7%	16.7%	16.7%	
	Road 2(mi)	16.7%	16.7%	16.7%	
	Road 3(mi)	16.7%	16.7%	16.7%	
	Road 4(mi)	16.7%	16.7%	16.7%	
	Road 5(mi)	16.6%	16.6%	16.6%	
	Road 6(mi)	16.6%	16.6%	16.6%	
	Total Average Offsite Vehicle Emissions Along Travel Distance (g/sec)				**Total**
	Road 1(mi)	0.000E+00	3.093E-06	2.929E-06	6.021E-06
	Road 2(mi)	0.000E+00	3.133E-06	2.967E-06	6.100E-06
	Road 3(mi)	0.000E+00	5.016E-06	4.750E-06	9.766E-06
	Road 4(mi)	0.000E+00	4.996E-06	4.730E-06	9.726E-06
	Road 5(mi)	0.000E+00	1.798E-06	1.703E-06	3.501E-06
	Road 6(mi)	0.000E+00	1.795E-06	1.700E-06	3.495E-06

		Haul Truck (tons)	**Vendor Truck (tons)**	**Worker (tons)**	**Total (tons)**
Total PM2.5 Total		0.000E+00	1.206E-01	3.730E-01	4.936E-01
				Checking Total	4.935E-01
Average Emissions	Grams	0.000E+00	1.095E+05	3.387E+05	
	Grams/sec	0.000E+00	5.332E-03	1.649E-02	
	Default Vehicle Travel Distance in CalEEMod	20	7.3	10.8	
	Vehicle Travel Distances in the Construction HRA (miles)				
	Road 1(mi)	0.67	0.67	0.67	miles
	Road 2(mi)	0.67	0.67	0.67	miles
	Road 3(mi)	1.08	1.08	1.08	miles
	Road 4(mi)	1.08	1.08	1.08	miles
	Road 5(mi)	0.39	0.39	0.39	miles
	Road 6(mi)	0.39	0.39	0.39	miles
	Trip Distribution (percent)				
	Road 1(mi)	16.7%	16.7%	16.7%	
	Road 2(mi)	16.7%	16.7%	16.7%	
	Road 3(mi)	16.7%	16.7%	16.7%	
	Road 4(mi)	16.7%	16.7%	16.7%	
	Road 5(mi)	16.6%	16.6%	16.6%	
	Road 6(mi)	16.6%	16.6%	16.6%	
	Total Average Offsite Vehicle Emissions Along Travel Distance (g/sec)				**Total**
	Road 1(mi)	0.000E+00	8.126E-05	1.699E-04	2.511E-04
	Road 2(mi)	0.000E+00	8.232E-05	1.721E-04	2.544E-04
	Road 3(mi)	0.000E+00	1.318E-04	2.755E-04	4.073E-04
	Road 4(mi)	0.000E+00	1.312E-04	2.744E-04	4.056E-04
	Road 5(mi)	0.000E+00	4.725E-05	9.879E-05	1.460E-04
	Road 6(mi)	0.000E+00	4.716E-05	9.860E-05	1.458E-04

OEHHA Cancer/BAAQMD Risk Methodology

Cancer Risk = DPM x CPF x ASF x DBR x ED x EF x TAH x AF/ AT

Cancer Risk = probability of an individual contracting cancer out of a population of 1 million people over a lifetime exposure duration of 30 years

DPM = long-term average concentration of diesel PM as predicted by the air dispersion model (ug/m3)

CPF = cancer potency factor for DPM (mg.ke-day)

ASF = age sensitivity factors that are dependent on the age of the exposed individual (unitless)

DBR = daily breathing rates that are dependent on the age of the exposed individual (liters/kg-day)

ED = exposure duration (years)

EF = exposure frequency (days/year)

TAH = time at home factors that are dependent on the age of the exposed individual (%)

AT = averaging time over the lifetime of an individual (days)

AF = adjustment factor for workers and students (unitless)

Cancer Risk Equation Values as recommended by the California Office of Environmental Health Hazards Assessment

Ranch EIR Residential Project Construction Parameters

All Construction Sources – All Phases and off-site receptors

Construction Annual DPM Emissions (PM2.5 Exhaust)

	Maximum DPM (ug/m3)	MIR UTM X	MIR UTM Y
Unmitigated DPM Concentrations	0.01434817	606208.52	4201434.72
Mitigated DPM Concentrations	0.001160	606208.52	4201434.72

Construction Annual Total PM2.5 Emissions (PM2.5 Total)

	Maximum PM2.5 Total (ug/m3)	MIR UTM X	MIR UTM Y
Unmitigated PM2.5 Total Concentrations	0.02527	607366.33	4200769.13
Mitigated PM2.5 Total Concentrations	0.015737	607331.85	4202048.62
	0.00905368	607366.33	4200769.13

X	Y	Total Phase 1	Total Phase 2	Total Phase 3	**Total Construction**	Total Phase 1	Total Phase 2	Total Phase 3	**Total Construction**	Total Phase 1	Total Phase 2	Total Phase 3	**Total Construction**	Total Phase 1	Total Phase 2	Total Phase 3	**Total Construction**
606208.52	4201434.72	0.00012258	0.013403497	0.000822094	0.01434817	0.00002121	0.00106954	0.000068844	0.00115959	0.000507266	0.019162851	0.001244361	0.020914478	0.00017662	0.006829508	0.000303844	0.00730997
606186.48	4201435.77	0.00011286	0.013261092	0.000824285	0.01419824	0.00001960	0.00105831	0.000069000	0.00114691	0.000469006	0.018964342	0.001246477	0.020679825	0.00016482	0.006762165	0.000303420	0.00723041
606356.48	4201437.17	0.00021509	0.01296087	0.000772741	0.01394870	0.00003634	0.00103389	0.000064934	0.00113516	0.000867681	0.018517261	0.001179455	0.020564397	0.00028465	0.006590874	0.000295681	0.00717121
606315.55	4201437.87	0.00017759	0.012896854	0.000785866	0.01386031	0.00003023	0.00102887	0.000065961	0.00112507	0.000722358	0.018429322	0.00119616	0.020347841	0.00024172	0.006561933	0.000297280	0.00710094
606250.49	4201437.52	0.00013999	0.012819944	0.000808345	0.01376827	0.00002408	0.00102294	0.000067749	0.00111477	0.00057577	0.018327162	0.00122605	0.020128981	0.00019772	0.006530744	0.000301334	0.00702980
606336.54	4201438.57	0.00019290	0.01278892	0.00077868	0.01376050	0.00003273	0.00102024	0.000065393	0.00111836	0.00078186	0.018274138	0.001186762	0.02024276	0.00025944	0.006506042	0.000296144	0.00706162
606292.47	4201438.92	0.00016063	0.012718823	0.000790539	0.01366999	0.00002746	0.00101476	0.000066318	0.00110854	0.000656417	0.018178438	0.001201709	0.020036564	0.00022208	0.006474961	0.000297439	0.00699448
606272.88	4201439.62	0.00014868	0.012582074	0.000795602	0.01352636	0.00002551	0.00100393	0.000066714	0.00109616	0.000609876	0.017986226	0.001208156	0.019804259	0.00020813	0.006408663	0.000298059	0.00691485
606229.86	4201440.32	0.00012639	0.012547588	0.000802536	0.01347651	0.00002185	0.00100134	0.000067238	0.00109042	0.00052257	0.017942966	0.001216165	0.0196817	0.00018159	0.006397292	0.000298064	0.00687695
606381.66	4201440.67	0.00023322	0.012418639	0.000756559	0.01340842	0.00003930	0.00099069	0.000063625	0.00109361	0.0009381	0.01774475	0.001156971	0.019839821	0.00030557	0.006317372	0.000291766	0.00691471
606417.34	4201441.37	0.00027400	0.01231584	0.000740339	0.01333018	0.00004590	0.00098246	0.000062333	0.00109070	0.001095318	0.017596804	0.001135342	0.019827464	0.00035132	0.006263992	0.000288777	0.00690409
606083.3	4201427.03	0.00009100	0.012343704	0.000884369	0.01331907	0.00001595	0.00098593	0.000073906	0.00107579	0.000381966	0.01768453	0.001331919	0.019398415	0.00013719	0.006327320	0.000319966	0.00678448
606400.2	4201441.37	0.00025367	0.012286622	0.000747508	0.01328780	0.00004261	0.00098016	0.000062903	0.00108568	0.001017074	0.017556105	0.001144867	0.019718046	0.00032866	0.006250206	0.000290062	0.00686893
606518.78	4201441.37	0.00060250	0.01167189	0.000696317	0.01297071	0.00009858	0.00093116	0.000058884	0.00108863	0.002348021	0.016679453	0.001079132	0.020106606	0.00070438	0.005939262	0.000283227	0.00692687
606444.62	4201444.87	0.00030651	0.011731972	0.000724264	0.01276274	0.00005117	0.00093596	0.000061042	0.00104817	0.001220572	0.016765599	0.001113422	0.019099594	0.00038772	0.005970129	0.000285316	0.00664317
606498.84	4201448.36	0.00044786	0.010861935	0.000695998	0.01200579	0.00007392	0.00086670	0.000058820	0.00099944	0.001761728	0.015528081	0.001076986	0.018366795	0.00054203	0.005533349	0.000281398	0.00635677
606541.86	4201446.62	0.00083936	0.009917355	0.000680944	0.01143765	0.00013631	0.00079150	0.000057647	0.00098546	0.003244659	0.014184262	0.001058067	0.018486987	0.00095154	0.005058865	0.000279811	0.00629021
606107.43	4201441.37	0.00008931	0.009919192	0.000838859	0.01084736	0.00001570	0.00079284	0.000070141	0.00087868	0.000375997	0.014232802	0.001265074	0.015873873	0.00013591	0.005106906	0.000305245	0.00554806
606474	4201459.56	0.00031574	0.009761681	0.000694028	0.01077145	0.00005271	0.00077912	0.000058569	0.00089040	0.001257463	0.01396303	0.001070249	0.016290742	0.00039953	0.004980913	0.000276809	0.00565725
606562.5	4201446.27	0.00120331	0.008734076	0.000673257	0.01061064	0.00019424	0.00069731	0.000057046	0.00094860	0.004621196	0.012501445	0.001048305	0.018170946	0.00132990	0.004465083	0.000278898	0.00607388
606580.34	4201444.87	0.00153916	0.007939678	0.000667774	0.01014661	0.00024769	0.00063408	0.000056625	0.00093840	0.00589141	0.011371749	0.001041657	0.018304816	0.00167902	0.004066517	0.000278570	0.00602411
606598.88	4201448.01	0.00167783	0.007013829	0.000656731	0.00934839	0.00026981	0.00056039	0.000055745	0.00088595	0.006417247	0.01005535	0.001026925	0.017499523	0.00182470	0.003602234	0.000276528	0.00570346
606161.65	4201457.81	0.00009278	0.008463415	0.000780543	0.00933674	0.00001631	0.00067666	0.000065333	0.00075830	0.000390607	0.01215071	0.001180109	0.013721425	0.00014117	0.004364339	0.000287090	0.00479260
606618.46	4201447.31	0.00192093	0.006377878	0.000649675	0.00894849	0.00030854	0.00050978	0.000055199	0.00087352	0.007337629	0.009151228	0.001018231	0.017507088	0.00207847	0.003283419	0.000275962	0.00563785
606634.55	4201446.27	0.00212448	0.005932321	0.000644198	0.00870099	0.00034097	0.00047432	0.000054780	0.00087007	0.008108352	0.00851793	0.001011666	0.017637948	0.00229107	0.003060201	0.000275713	0.00562699
606403.83	4201491.43	0.00016371	0.007623586	0.000656427	0.00844372	0.00002810	0.00060898	0.000055263	0.00069234	0.000671685	0.010924578	0.001006456	0.01260272	0.00022935	0.003910323	0.000255837	0.00439551
606425.14	4201492.89	0.00017788	0.007533684	0.000650332	0.00836190	0.00003042	0.00060179	0.000054789	0.00068700	0.000727085	0.010795509	0.00099881	0.012521404	0.00024611	0.003863964	0.000255210	0.00436529
606383.49	4201491.43	0.00015071	0.007517197	0.000659897	0.00832780	0.00002596	0.00060055	0.000055521	0.00068203	0.000620755	0.010774653	0.001010271	0.01240568	0.00021386	0.003858350	0.000255641	0.00432785
606057.41	4201447.66	0.00007773	0.007378003	0.000842385	0.00829812	0.00001377	0.00059111	0.000070397	0.00067528	0.000330025	0.010640065	0.001268664	0.012238754	0.00012141	0.003853511	0.000304751	0.00427967
606361.21	4201490.46	0.00013984	0.007428879	0.000666202	0.00823492	0.00002417	0.00059357	0.000056017	0.00067375	0.000578081	0.010650897	0.001018395	0.012247373	0.00020078	0.003815925	0.000256511	0.00427322
606654.84	4201448.01	0.00223588	0.00535682	0.00063377	0.00822647	0.00035879	0.00042853	0.000053964	0.00084128	0.008531995	0.007700195	0.00099839	0.017230579	0.00240946	0.002772149	0.000274438	0.00545605
606671.98	4201445.92	0.00252151	0.00500532	0.00062857	0.00815540	0.00040429	0.00040057	0.000053577	0.00085843	0.00961326	0.007200997	0.000992655	0.017806912	0.00270750	0.002596473	0.000274713	0.00557868
606336.02	4201492.4	0.00012725	0.007086736	0.000668765	0.00788275	0.00002209	0.00056640	0.000056199	0.00064469	0.000528643	0.010166913	0.001020839	0.011716395	0.00018566	0.003646901	0.000255982	0.00408854
606689.82	4201446.96	0.00262713	0.004613871	0.000619566	0.00786057	0.00042119	0.00036943	0.000052881	0.00084351	0.010015175	0.006645242	0.000981552	0.017641969	0.00282003	0.002401015	0.000273983	0.00549503
606319.56	4201491.43	0.00012154	0.007043063	0.000674461	0.00783907	0.00002115	0.00056297	0.000056655	0.00064077	0.000506108	0.010106636	0.00102854	0.011641284	0.00017865	0.003626867	0.000257140	0.00406266
606507.25	4201499.81	0.00026653	0.006853641	0.000626346	0.00774652	0.00004482	0.00054758	0.000052931	0.00064533	0.001069805	0.009825374	0.000969113	0.011864293	0.00034665	0.003519632	0.000253142	0.00411943
606447.91	4201503.06	0.00018678	0.006891425	0.000631774	0.00770998	0.00003190	0.00055064	0.000053277	0.00063582	0.000762256	0.00988113	0.000972556	0.011615942	0.00025707	0.003540666	0.000250238	0.00404798
606709.06	4201446.27	0.00282678	0.004263003	0.000611347	0.00770113	0.00045306	0.00034153	0.000052258	0.00084685	0.010772605	0.006147423	0.000971965	0.017891992	0.00303022	0.002226149	0.000273879	0.00553025
606297.28	4201490.95	0.00011383	0.006899752	0.000680555	0.00769414	0.00001987	0.00055164	0.000057138	0.00062864	0.00047564	0.009905618	0.00103657	0.011417829	0.00016917	0.003557817	0.000258165	0.00398515
606553.44	4201490.71	0.00047092	0.00656086	0.000629542	0.00766132	0.00007762	0.00052430	0.000053328	0.00065524	0.001849721	0.009409661	0.000979609	0.012238991	0.00056688	0.003373398	0.000260141	0.00420042
606275.48	4201489.01	0.00010763	0.006848631	0.000688761	0.00764502	0.00001884	0.00054764	0.000057798	0.00062428	0.000451007	0.00983585	0.00104781	0.011334667	0.00016140	0.003535175	0.000259983	0.00395656
606253.2	4201487.56	0.00010177	0.006750123	0.00069682	0.00754871	0.00001786	0.00053989	0.000058447	0.00061620	0.000427716	0.009699186	0.001058875	0.011185777	0.00015404	0.003489262	0.000261796	0.00390510
606728.64	4201447.31	0.00292565	0.00392709	0.000601253	0.00745400	0.00046893	0.00031483	0.000051486	0.00083525	0.01114995	0.005671172	0.000959906	0.017781028	0.00313681	0.002059095	0.000273461	0.00546937
606113.38	4201469.7	0.00008036	0.006514782	0.000778427	0.00737357	0.00001426	0.00052199	0.000065126	0.00060137	0.000341745	0.009396532	0.001175596	0.010913873	0.00012615	0.003404036	0.000284962	0.00381514
606745.08	4201446.96	0.00302797	0.003700311	0.000594407	0.00732268	0.00048531	0.00029681	0.000050971	0.00083310	0.011539522	0.00534986	0.000952112	0.017841494	0.00324612	0.001946531	0.000273572	0.00546622
606212.37	4201484.74	0.00009288	0.006492834	0.000713646	0.00729936	0.00001638	0.00051960	0.000059812	0.00059579	0.000392313	0.009340778	0.001082389	0.01081548	0.00014279	0.003367845	0.000266004	0.00377664
606233.34	4201488.04	0.00009647	0.006462083	0.000701738	0.00726029	0.00001698	0.00051706	0.000058839	0.00059288	0.00040673	0.009293197	0.001065432	0.010765359	0.00014747	0.003348466	0.000262702	0.00375864
606764.67	4201449.41	0.00299378	0.003427014	0.000583531	0.00700432	0.00048004	0.00027510	0.000050137	0.00080528	0.011414535	0.004962843	0.000939002	0.017316379	0.00321545	0.001811086	0.000273000	0.00529953
606158.5	4201482.99	0.00008364	0.006112251	0.000737393	0.00693329	0.00001483	0.00048965	0.000061748	0.00056623	0.000355527	0.008812622	0.001116044	0.010284193	0.00013109	0.003190300	0.000272427	0.00359381
607366.33	4200769.13	0.00544177	0.00090562	0.000559318	0.00690671	0.00090880	0.00008951	0.000064737	0.00106305	0.021680805	0.001959912	0.00163181	0.025272528	0.00689557	0.001143842	0.001014271	0.00905368
606781.11	4201450.46	0.00299613	0.003232655	0.000575494	0.00680428	0.00048055	0.00025967	0.000049528	0.00078975	0.011426979	0.004687888	0.000929669	0.017044536	0.00322187	0.001715048	0.000272942	0.00520986
606554.49	4201509.26	0.00039612	0.005775279	0.000608986	0.00678038	0.00006568	0.00046176	0.000051603	0.00057904	0.001565967	0.008292166	0.000948363	0.010806495	0.00048817	0.002978908	0.000252409	0.00371948
606602.79	4201495.6	0.00075456	0.00531363	0.000606416	0.00667461	0.00012300	0.00042505	0.000051539	0.00059958	0.002928609	0.007637123	0.000951074	0.011516806	0.00086863	0.002748785	0.000258248	0.00387566
606800.7	4201451.51	0.00301007	0.003022317	0.000565983	0.00659837	0.00048294	0.00024298	0.000048814	0.00077473	0.011484177	0.004390721	0.000918903	0.0167938	0.00324142	0.001611518	0.000273161	0.00512610
606512.15	4201523.95	0.00024208	0.005661434	0.000594528	0.00649804	0.00004091	0.00045269	0.000050286	0.00054388	0.00097695	0.008129928	0.0009218	0.010028678	0.00032081	0.002921439	0.000242254	0.00348450
606818.19	4201452.56	0.00301711	0.002849782	0.000557307	0.00642420	0.00048424	0.00022929	0.000048167	0.00076170	0.011515201	0.004147326	0.000909258	0.016571786	0.00325368	0.001526968	0.000273541	0.00505419
606836.03	4201452.56	0.00307224	0.002695356	0.000549305	0.00631690	0.00049318	0.00021706	0.000047582	0.00075782	0.011728146	0.003929896	0.000900863	0.016558905	0.00331601	0.001451721	0.000274407	0.00504213
606854.57	4201452.21	0.00315703	0.002547966	0.000541071	0.00624607	0.00050687	0.00020539	0.000046989	0.00075925	0.01205385	0.003722886	0.00089264	0.016669376	0.00340978	0.001380430	0.000275723	0.00506593
606636.61	4201495.6	0.00096611	0.004682185	0.000593796	0.00624209	0.00015683	0.00037481	0.000050581	0.00058222	0.003732867	0.006740159	0.000936316	0.011409343	0.00109321	0.002433001	0.000258053	0.00378426
606012.6	4201448.69	0.00006924	0.005320003	0.000843307	0.00623255	0.00001233	0.00042792	0.000070436	0.00051069	0.000295638	0.00773732	0.00126838	0.009301338	0.00011003	0.002845478	0.000303365	0.00325888
606054.96	4201471.1	0.00007165	0.005327628	0.000798877	0.00619815	0.00001280	0.00042815	0.000066788	0.00050773	0.000306825	0.007733689	0.001204314	0.009244829	0.00011486	0.002834455	0.000290220	0.00323954
606409.64	4201527.76	0.00014082	0.005445647	0.000604924	0.00619139	0.00002440	0.00043563	0.000050973	0.00051101	0.000583839	0.007827656	0.000929487	0.009340981	0.00020413	0.002817888	0.000237817	0.00325984
606875.9	4201452.56	0.00326845	0.002383392	0.00053044	0.00618228	0.00052488	0.00019239	0.000046233	0.00076350	0.012482245	0.003492645	0.000882434	0.016857325	0.00353350	0.001301753	0.000277849	0.00511310
606892.34	4201453.96	0.00335980	0.002258712	0.000521074	0.00613958	0.00053966	0.00018256	0.000045568	0.00076779	0.012834049	0.003318831	0.000873511	0.017026391	0.00363558	0.001242780	0.000279790	0.00515815
606112.33	4201491.04	0.00007640	0.005311123	0.000749969	0.00613750	0.00001364	0.00042633	0.000062773	0.00050274	0.000327141	0.007690532	0.001133853	0.009151527	0.00012243	0.002805978	0.000275813	0.00320423
606549.94	4201527.45	0.00032580	0.00519749	0.000587411	0.00611070	0.00005442	0.00041575	0.000049781	0.00051996	0.001298332	0.007470069	0.000915036	0.009683437	0.00041318	0.002688572	0.000243747	0.00334549
606459.53	4201534.54	0.00017031	0.00534032	0.00058993	0.00610056	0.00002926	0.00042717	0.000049803	0.00050624	0.000699647	0.007675036	0.00091053	0.009285213	0.00023959	0.002762132	0.000236122	0.00323785
606603.82	4201511.7	0.00062691	0.004873536	0.000590742	0.00609119	0.00010268	0.00039001	0.000050226	0.00054291	0.002445724	0.007011039	0.000927335	0.010384098	0.00073582	0.002527737	0.000252441	0.00351600
606167.94	4201503.63	0.00008250	0.005293787	0.000712447	0.00608874	0.00001469	0.00042453	0.000059698	0.00049893	0.000352289	0.007649995	0.001080005	0.00908229	0.00013111	0.002780985	0.000264976	0.00317707
606388.82	4201528.24	0.00013024	0.005340181	0.000607989	0.00607841	0.00002266	0.00042728	0.000051200	0.00050114	0.000542278	0.007679387	0.000932844	0.009154509	0.00019137	0.002766729	0.000237632	0.00319573
606431.92	4201532.6	0.00015103	0.005315413	0.000595383	0.00606182	0.00002609	0.00042522	0.000050210	0.00050153	0.000624092	0.007641001	0.000916625	0.009181718	0.00021660	0.002751056	0.000235917	0.00320357
606348.13	4201523.88	0.00011567	0.005294971	0.000621173	0.00603181	0.00002024	0.00042378	0.000052249	0.00049627	0.000484539	0.007618999	0.000950372	0.00905391	0.00017328	0.002748052	0.000240008	0.00316134
606323.91	4201523.4	0.00010892	0.005283066	0.000629488	0.00602147	0.00001912	0.00042291	0.000052920	0.00049496	0.000457919	0.007605191	0.000961826	0.009024937	0.00016503	0.002745282	0.000241917	0.00315223
606914.38	4201456.76	0.00337561	0.002103442	0.000508081	0.00598713	0.00054254	0.00017032	0.000044645	0.00075751	0.012903181	0.003102863	0.000861053	0.016867098	0.00366252	0.001169841	0.000282402	0.00511476
606304.54	4201523.88	0.00010485	0.005232722	0.000637724	0.00597530	0.00001845	0.00041899	0.000053593	0.00049103	0.000442004	0.007536627	0.000973577	0.008952209	0.00016020	0.002723131	0.000244225	0.00312756
605804.38	4201419.48	0.00005528	0.004919206	0.000996262	0.00597075	0.00000990	0.00040673	0.000083021	0.00049965	0.000237421	0.00758055	0.001490085	0.009308056	0.00008941	0.003068297	0.000349802	0.00350751
606279.84	4201522.43	0.00010024	0.005219269	0.000649754	0.00596927	0.00001769	0.00041802	0.000054577	0.00049029	0.000423798	0.0075215	0.000990748	0.008936046	0.00015453	0.002720490	0.000247603	0.00312262
605984.21	4201435.94	0.00006828	0.00494127	0.000876984	0.00588653	0.00001214	0.00039810	0.000073210	0.00048345	0.000291035	0.007211325	0.001317351	0.008819711	0.00010793	0.002668379	0.000313750	0.00309006
607370.6	4200744.38	0.00445321	0.000872245	0.000558763	0.00588422	0.00074561	0.00008446	0.000062144	0.00089221	0.017791112	0.001820116	0.001519268	0.021130496	0.00569798	0.001032369	0.000899185	0.00762954
606262.4	4201524.85	0.00009680	0.005076251	0.000655182	0.00582823	0.00001713	0.00040673	0.000055020	0.00047887	0.000410365	0.007321614	0.00099845	0.008730429	0.00015049	0.002652321	0.000249081	0.00305189
607058.84	4201453.26	0.00389302	0.001472834	0.000447978	0.00581383	0.00062827	0.00012140	0.000041128	0.00079080	0.014947082	0.002255295	0.000836601	0.018038978	0.00429840	0.000903932	0.000328603	0.00553093
607150.7	4201452.03	0.00417012	0.001211619	0.000414611	0.00579635	0.00067732	0.00010253	0.000040459	0.00082031	0.016122487	0.001957767	0.000879332	0.018959586	0.00472997	0.000848732	0.000412162	0.00599087
606365.08	4201531.15	0.00011884	0.005067099	0.00060845	0.00579439	0.00002078	0.00040560	0.000051210	0.00047759	0.000497429	0.007293394	0.000932245	0.008723068	0.00017758	0.002632130	0.000236469	0.00304617
606235.77	4201525.82	0.00009216	0.00493466	0.000665649	0.00569246	0.00001636	0.00039560	0.000055874	0.00046783	0.000392055	0.007125814	0.00101334	0.008531208	0.00014482	0.002586979	0.000251969	0.00298377
606640.21	4201512.75	0.00080506	0.004286871	0.0005769	0.00566883	0.00013123	0.00034334	0.000049178	0.00052375	0.003124535	0.006177925	0.000911258	0.010213718	0.00092667	0.002234595	0.000252339	0.00341361
606690.08	4201496.69	0.00124237	0.003843265	0.000572651	0.00565828	0.00020111	0.00030810	0.000048986	0.00055820	0.004785727	0.005549815	0.000912042	0.011247584	0.00138944	0.002014831	0.000258188	0.00366246
606932.92	4201460.96	0.00317820	0.001981438	0.000496544	0.00565618	0.00051148	0.00016072	0.000043820	0.00071602	0.012165841	0.002933574	0.000849801	0.015949216	0.00346777	0.001112949	0.000284525	0.00486524
607111.31	4201455.71	0.00386982	0.001307703	0.000426656	0.00560418	0.00062692	0.00010915	0.000040337	0.00077640	0.01491957	0.002054648	0.000847955	0.017822173	0.00434213	0.000856152	0.000365593	0.00556388
606516.35	4201548.09	0.00021963	0.004778698	0.00056629	0.00556462	0.00003732	0.00038242	0.000047934	0.00046767	0.000891441	0.006874354	0.000879613	0.008645407	0.00029678	0.002478290	0.000232388	0.00300746
606730.46	4201491.23	0.00155826	0.00339482	0.000561014	0.00551410	0.00025163	0.00027248	0.000048157	0.00057227	0.005986869	0.004914839	0.000900776	0.011802484	0.00172501	0.001792656	0.000260416	0.00377808
606608.37	4201529.55	0.00054452	0.004386324	0.000572747	0.00550359	0.00008958	0.00035123	0.000048733	0.00048954	0.002134491	0.006318115	0.00090072	0.009353326	0.00065062	0.002283220	0.000246431	0.00318027
606547.14	4201545.99	0.00027954	0.004658274	0.000564976	0.00550279	0.00004700	0.00037282	0.000047895	0.00046772	0.00112193	0.006702865	0.000880726	0.008705521	0.00036348	0.002417628	0.000235093	0.00301620
606214.45	4201529.7	0.00008944	0.004731614	0.000673174	0.00549423	0.00001592	0.00037958	0.000056495	0.00045199	0.00038162	0.006842623	0.001024299	0.008248541	0.00014180	0.002490807	0.000254307	0.00288692
605774.72	4201432.6	0.00005432	0.004409461	0.001013116	0.00547690	0.00000977	0.00038443	0.000084426	0.00047863	0.000234369	0.007560644	0.001515352	0.009310364	0.00008906	0.003535815	0.000355780	0.00398065
607288.66	4201454.4	0.00411066	0.000948214	0.000383237	0.00544211	0.00070498	0.00009605	0.000053373	0.00085440	0.016853064	0.002141872	0.001513632	0.020508568	0.00574473	0.001289747	0.001101760	0.00813624
606952.5	4201465.5	0.00300785	0.001865849	0.000484924	0.00535862	0.00048477	0.00015165	0.000043006	0.00067942	0.011531745	0.002774036	0.000839193	0.015144974	0.00330217	0.001059919	0.000287410	0.00464950
606057.76	4201494.89	0.00007082	0.004484477	0.000775447	0.00533074	0.00001272	0.00036121	0.000064868	0.00043879	0.000305022	0.006541203	0.001170711	0.008016936	0.00011552	0.002418138	0.000283474	0.00281713
607198	4201459.13	0.00378796	0.001093689	0.000396209	0.00527786	0.00062140	0.00009501	0.000040948	0.00075736	0.01480339	0.001862022	0.000940531	0.017605943	0.00447500	0.000863390	0.000496949	0.00583533
607235.06	4201458.34	0.00383838	0.001023511	0.000386821	0.00524872	0.00063620	0.00009206	0.000043004	0.00077126	0.015168248	0.001864068	0.001050988	0.018083304	0.00472363	0.000932665	0.000621694	0.00627799
606689.81	4201512.79	0.00103311	0.003632388	0.000559098	0.00522460	0.00016783	0.00029131	0.000047852	0.00050699	0.003994882	0.005249728	0.000891563	0.010136173	0.00117257	0.001908820	0.000253216	0.00333461
606974.19	4201467.6	0.00296431	0.001759437	0.00047436	0.00519811	0.00047828	0.00014333	0.000042313	0.00066393	0.011378531	0.002628707	0.000831591	0.014838829	0.00326982	0.001012681	0.000292132	0.00457464
606108.13	4201514.12	0.00007329	0.0043308	0.000724427	0.00512852	0.00001317	0.00034848	0.000060665	0.00042231	0.000315924	0.006303477	0.001096551	0.007715952	0.00011982	0.002321352	0.000267771	0.00270894
606774.54	4201498.02	0.00165573	0.002870991	0.000536967	0.00506369	0.00026752	0.00023089	0.000046332	0.00054475	0.006365241	0.004173994	0.000872659	0.011411894	0.00183730	0.001534026	0.000260047	0.00363138
606609.77	4201546.69	0.00047281	0.004018441	0.000557141	0.00504839	0.00007816	0.00032194	0.000047428	0.00044752	0.00186301	0.005794678	0.000877188	0.008534876	0.00057576	0.002098360	0.000240755	0.00291487
606513.2	4201565.24	0.00019734	0.004273462	0.000547419	0.00501822	0.00003372	0.00034219	0.000046348	0.00042226	0.000805889	0.006155671	0.000850789	0.00781235	0.00027220	0.002224600	0.000225146	0.00272195
606723.22	4201511.82	0.00117531	0.003274655	0.000547818	0.00499778	0.00019067	0.00026289	0.000047020	0.00050058	0.004538175	0.004742986	0.000879436	0.010160597	0.00132656	0.001731372	0.000254135	0.00331207
606169.34	4201536.16	0.00008360	0.00416638	0.000687746	0.00493573	0.00001496	0.00033478	0.000057690	0.00040743	0.000358794	0.006049371	0.001045257	0.007453422	0.00013492	0.002219959	0.000258563	0.00261344
607053.24	4201471.1	0.00300848	0.001452982	0.000440856	0.00490232	0.00048742	0.00011972	0.000040422	0.00064756	0.011599833	0.002222994	0.000821	0.014643828	0.00337685	0.000889797	0.000321014	0.00458766
606994.48	4201473.2	0.00277205	0.001656263	0.000462323	0.00489064	0.00044817	0.00013528	0.000041502	0.00062496	0.010664036	0.002488192	0.000822012	0.01397424	0.00308420	0.000967285	0.000296570	0.00434806
606149.76	4201533.71	0.00008051	0.004099099	0.000696817	0.00487643	0.00001444	0.00032973	0.000058428	0.00040260	0.000346276	0.005962412	0.001058023	0.007366711	0.00013076	0.002193235	0.000260923	0.00258491
606638.46	4201547.04	0.00057406	0.003708023	0.000547883	0.00482997	0.00009445	0.00029726	0.000046746	0.00043846	0.002250606	0.005354344	0.000867275	0.008472225	0.00068625	0.001943749	0.000241550	0.00287155
607012.32	4201474.6	0.00277406	0.001585436	0.000454628	0.00481412	0.00044893	0.00012980	0.000041049	0.00061979	0.010682963	0.002393712	0.000818762	0.013895437	0.00309908	0.000938153	0.000302363	0.00433960
606690.29	4201532.16	0.00085176	0.003384202	0.000543129	0.00477909	0.00013896	0.00027154	0.000046510	0.00045701	0.003308905	0.004896242	0.000867163	0.00907231	0.00098395	0.001783739	0.000247078	0.00301477
607143.61	4201470.95	0.00316917	0.001198837	0.00040838	0.00477639	0.00051743	0.00010119	0.000039599	0.00065822	0.012321664	0.001927278	0.000855066	0.015104008	0.00367242	0.000829688	0.000394602	0.00489671
606823.52	4201500.3	0.00175268	0.002462513	0.000515305	0.00473050	0.00028344	0.00019852	0.000044748	0.00052671	0.00674435	0.003598771	0.000849986	0.011193107	0.00195210	0.001334895	0.000262443	0.00354944
606805.3	4201504.85	0.00163092	0.002567213	0.000519325	0.00471746	0.00026389	0.00020680	0.000045000	0.00051569	0.006279593	0.003745466	0.000852358	0.010877416	0.00182073	0.001385170	0.000260111	0.00346602
605826.19	4201439.64	0.00005460	0.00371773	0.000944957	0.00471728	0.00000982	0.00031047	0.000078783	0.00039908	0.000235701	0.005847887	0.001415009	0.007498597	0.00008966	0.002440795	0.000333495	0.00286396
606564.63	4201574.33	0.00026746	0.003854372	0.000532866	0.00465470	0.00004511	0.00030882	0.000045247	0.00039918	0.001077119	0.005559073	0.000833921	0.007470113	0.00035189	0.002013697	0.000225074	0.00259066
606356.84	4201575.34	0.00011400	0.00395222	0.000579962	0.00464618	0.00002009	0.00031698	0.000048883	0.00038595	0.000481218	0.005712505	0.000891701	0.007085424	0.00017491	0.002077444	0.000228589	0.00248095
606461.74	4201579.28	0.00015020	0.003946376	0.000545569	0.00464214	0.00002606	0.00031624	0.000046124	0.00038842	0.000623534	0.005693514	0.000844966	0.007162014	0.00021863	0.002063555	0.000221354	0.00250354
606312.67	4201570.6	0.00010734	0.003921609	0.000602571	0.00463152	0.00001898	0.00031471	0.000050736	0.00038443	0.00045486	0.005675604	0.000924183	0.007054647	0.00016666	0.002068888	0.000235157	0.00247071
606061.96	4201516.57	0.00006966	0.003813905	0.000747061	0.00463062	0.00001257	0.00030793	0.000062530	0.00038303	0.000301519	0.005591466	0.001129461	0.007022445	0.00011531	0.002085666	0.000274749	0.00247572
606774.54	4201515.11	0.00134063	0.002763059	0.000525748	0.00462943	0.00021740	0.00022229	0.000045383	0.00048507	0.005174201	0.004019982	0.000855271	0.010049454	0.00151056	0.001479335	0.000255482	0.00324538
606009.49	4201477.75	0.00006307	0.003766272	0.000788757	0.00461810	0.00001134	0.00030465	0.000065912	0.00038190	0.00027217	0.005543358	0.001187774	0.007003302	0.00010345	0.002081906	0.000285223	0.00247058
607028.76	4201479.84	0.00264656	0.001514938	0.000445603	0.00460710	0.00042911	0.00012435	0.000040484	0.00059395	0.010212784	0.002299681	0.000813467	0.013325932	0.00298009	0.000909166	0.000307631	0.00419689
607294.18	4201470.16	0.00329960	0.000925683	0.000377436	0.00460272	0.00057786	0.00009495	0.000053635	0.00072645	0.013836161	0.002136575	0.001537641	0.017510377	0.00495863	0.001305880	0.001133340	0.00739785
606848.02	4201501.43	0.00179520	0.002294805	0.000504975	0.00459498	0.00029047	0.00018526	0.000044009	0.00051974	0.006912127	0.00336362	0.000839886	0.011115634	0.00200414	0.001254181	0.000264320	0.00352264
606441.24	4201580.07	0.00013894	0.003906736	0.000548866	0.00459455	0.00002421	0.00031312	0.000046371	0.00038370	0.000579412	0.005638596	0.000848678	0.007066687	0.00020518	0.002045158	0.000221257	0.00247160
606421.52	4201578.49	0.00012849	0.003882141	0.000551895	0.00456252	0.00002247	0.00031119	0.000046590	0.00038026	0.000537987	0.005604888	0.000851766	0.006994641	0.00019220	0.002034119	0.000220837	0.00244715
606374.98	4201580.86	0.00011746	0.00386024	0.000568799	0.00454650	0.00002067	0.00030960	0.000047971	0.00037824	0.000495116	0.005579557	0.000875808	0.006950481	0.00017940	0.002029095	0.000225496	0.00243399
606396.28	4201577.7	0.00011928	0.003862952	0.000558624	0.00454086	0.00002095	0.00030973	0.000047123	0.00037780	0.000501679	0.005580045	0.00086058	0.006942304	0.00018094	0.002026999	0.000221914	0.00242985
606724.19	4201533.13	0.00095587	0.003051692	0.000530926	0.00453848	0.00015577	0.00024513	0.000045608	0.00044651	0.003708746	0.004425562	0.000853962	0.00898827	0.00109905	0.001619144	0.000247988	0.00296618
606590.52	4201574.68	0.00032455	0.003677517	0.000532002	0.00453407	0.00005436	0.00029475	0.000045246	0.00039436	0.001297067	0.005308067	0.000835752	0.007440886	0.00041577	0.001925474	0.000227984	0.00256922
606330.81	4201577.7	0.00011173	0.003801038	0.000591303	0.00450407	0.00001973	0.00030506	0.000049822	0.00037461	0.000472621	0.005501873	0.000908401	0.006882895	0.00017253	0.002006067	0.000232302	0.00241090
606638.81	4201564.89	0.00050182	0.003426425	0.000533111	0.00446135	0.00008296	0.00027484	0.000045516	0.00040331	0.001977426	0.004953795	0.000845216	0.007776437	0.00061121	0.001802368	0.000236400	0.00264998
606867.39	4201504.28	0.00179306	0.002165478	0.000495631	0.00445417	0.00029037	0.00017504	0.000043335	0.00050875	0.006910189	0.003182658	0.000830487	0.010923334	0.00200886	0.001192322	0.000265746	0.00346693
606692.23	4201548.14	0.00074534	0.003177307	0.000529913	0.00445256	0.00012204	0.00025507	0.000045412	0.00042253	0.002906867	0.004601922	0.000847552	0.00835634	0.00087386	0.001679834	0.000242598	0.00279629
606113.03	4201537.21	0.00007597	0.003662514	0.000708174	0.00444666	0.00001368	0.00029536	0.000059354	0.00036839	0.000328247	0.005356054	0.001074143	0.006758444	0.00012507	0.001989065	0.000264020	0.00237815
606291.38	4201574.55	0.00010629	0.003710058	0.000612195	0.00442855	0.00001882	0.00029799	0.000051537	0.00036835	0.000451078	0.005379088	0.000938504	0.00676867	0.00016578	0.001967187	0.000238460	0.00237143
606884.47	4201502.57	0.00185988	0.002077362	0.000490034	0.00442728	0.00030122	0.00016810	0.000042966	0.00051229	0.007168377	0.003060206	0.000826398	0.011054981	0.00208447	0.001151043	0.000268185	0.00350369
607109.71	4201481.99	0.00271729	0.001266315	0.000414953	0.00439856	0.00044344	0.00010573	0.000039236	0.00058840	0.010559393	0.001991052	0.000824923	0.013375368	0.00314275	0.000830524	0.000355798	0.00432907
606512.15	4201589.73	0.00017689	0.003642394	0.000522697	0.00434198	0.00003043	0.00029196	0.000044282	0.00036667	0.000727602	0.005258055	0.000813572	0.006799229	0.00024990	0.001907786	0.000216219	0.00237390
607054.99	4201488.59	0.00246020	0.001411933	0.000431723	0.00430385	0.00040028	0.00011645	0.000039662	0.00055639	0.009529286	0.002164482	0.000807405	0.012501173	0.00281042	0.000869061	0.000317874	0.00399735
607423.16	4200737.35	0.00293794	0.000830362	0.000534109	0.00430241	0.00053696	0.00009372	0.000073547	0.00070423	0.012897075	0.002246494	0.002072724	0.017216294	0.00506577	0.001509892	0.001497662	0.00807333
606912.96	4201504.85	0.00188085	0.001922952	0.000477624	0.00428143	0.00030497	0.00015595	0.000042111	0.00050303	0.00725821	0.002845972	0.000815673	0.010919855	0.00211811	0.001079060	0.000271887	0.00346906
606270.87	4201576.12	0.00010568	0.003545705	0.000622619	0.00427401	0.00001873	0.00028502	0.000052403	0.00035615	0.000448914	0.005149654	0.00095398	0.006552548	0.00016531	0.001889128	0.000242002	0.00229644
607232.69	4201479.62	0.00288701	0.001002557	0.000379011	0.00426858	0.00048329	0.00008972	0.000041640	0.00061465	0.011531656	0.001808369	0.001008035	0.01434806	0.00369141	0.000895580	0.000586791	0.00517378
606776.24	4201532.76	0.00111664	0.002629408	0.000513041	0.00425909	0.00018177	0.00021163	0.000044315	0.00043772	0.004327484	0.003829411	0.000835873	0.008992768	0.00127820	0.001411758	0.000250616	0.00294058
607199.58	4201481.99	0.00280426	0.001060838	0.000386506	0.00425161	0.00046460	0.00009221	0.000039947	0.00059675	0.011076699	0.001808107	0.000917556	0.013802362	0.00344540	0.000839524	0.000484838	0.00476976
606718.86	4201551.04	0.00080426	0.00292317	0.000519218	0.00424665	0.00013159	0.00023488	0.000044604	0.00041108	0.003134201	0.004241944	0.000835224	0.008211369	0.00094016	0.001553790	0.000242616	0.00273657
606249.57	4201574.58	0.00010248	0.00346826	0.000631334	0.00420207	0.00001820	0.00027896	0.000053115	0.00035028	0.000436201	0.005043819	0.000966392	0.006446411	0.00016130	0.001854680	0.000244422	0.00226040
605892.86	4201424.83	0.00005778	0.003205633	0.000890745	0.00415415	0.00001032	0.00026207	0.000074285	0.00034667	0.000247367	0.004825155	0.001334795	0.006407318	0.00009257	0.001881740	0.000315356	0.00228966
607473.47	4201205.35	0.00293722	0.000829696	0.000378969	0.00414589	0.00051452	0.00008499	0.000051356	0.00065087	0.012319641	0.001910819	0.001434344	0.015664804	0.00441747	0.001166153	0.001025283	0.00660891
607140.46	4201489.08	0.00254698	0.001178152	0.000401502	0.00412663	0.00041810	0.00009937	0.000038844	0.00055632	0.009960812	0.001891217	0.000836814	0.012688843	0.00301704	0.000812493	0.000383996	0.00421352
605957.05	4201448.69	0.00006032	0.003233905	0.000831586	0.00412581	0.00001080	0.00026294	0.000069418	0.00034316	0.000259105	0.004812078	0.001249045	0.006320228	0.00009759	0.001841261	0.000297394	0.00223625
606640.21	4201583.08	0.00044413	0.003163173	0.000518404	0.00412571	0.00007377	0.00025388	0.000044290	0.00037194	0.001759112	0.004579167	0.000823179	0.007161458	0.00055110	0.001670019	0.000231195	0.00245231

605860.35	4201439.64	0.00005477	0.003157441	0.000900049	0.00411226	0.00000984	0.00026126	0.000075058	0.00034617	0.000236148	0.004873455	0.001348616	0.006458218	0.00008961	0.001977422	0.000318525	0.00238556
606692.23	4201569.44	0.00062989	0.002943661	0.000513788	0.00408734	0.00010367	0.00023647	0.000044066	0.00038420	0.002470321	0.004269398	0.000823324	0.007563043	0.00075393	0.001562342	0.000236823	0.00255310
606453.07	4201608.46	0.00013947	0.003378993	0.000525496	0.00404396	0.00002437	0.00027112	0.000044465	0.00033995	0.0005833	0.004888271	0.000815557	0.006287128	0.00020786	0.001780549	0.000214936	0.00220335
606781.63	4201550.27	0.00100674	0.002460361	0.000498365	0.00396547	0.00016439	0.00019821	0.000043135	0.00040573	0.003914705	0.003590082	0.000815795	0.008320582	0.00116719	0.001328039	0.000247389	0.00274262
606840.61	4201535.61	0.00130169	0.002176585	0.00048657	0.00396484	0.00021193	0.00017582	0.000042437	0.00043018	0.005045656	0.003194174	0.000810651	0.009050481	0.00149118	0.001193506	0.000256101	0.00294078
606905.55	4201522.51	0.00158333	0.001902217	0.000471254	0.00395680	0.00025752	0.00015425	0.000041516	0.00045329	0.006130631	0.002814373	0.000803359	0.009748362	0.00180623	0.001066489	0.000266784	0.00313951
606510.05	4201608.27	0.00016394	0.003270888	0.000506104	0.00394093	0.00002835	0.00026239	0.000042898	0.00033363	0.000678123	0.004729756	0.000788687	0.006196566	0.00023588	0.001721404	0.000210322	0.00216760
606219	4201578.94	0.00009728	0.00319947	0.000634596	0.00393134	0.00001734	0.00025776	0.000053372	0.00032847	0.000415777	0.004669016	0.000970649	0.006055443	0.00015505	0.001727453	0.000244928	0.00212743
606818.4	4201543.59	0.00117054	0.002262372	0.000489298	0.00392221	0.00019084	0.00018257	0.000042559	0.00041597	0.004544019	0.003313271	0.000810105	0.008667395	0.00134851	0.001233572	0.000252301	0.00283438
607496.96	4201155.79	0.00272862	0.000813228	0.000378183	0.00392003	0.00047498	0.00008117	0.000048621	0.00060477	0.01136755	0.00179053	0.001316059	0.014474139	0.00401683	0.001058508	0.000904564	0.00597990
606859.41	4201535.04	0.00134303	0.002078953	0.00048042	0.00390241	0.00021872	0.00016811	0.000042018	0.00042885	0.005207366	0.003057935	0.000805558	0.009070859	0.00154017	0.001147189	0.000258165	0.00294552
606720.31	4201572.83	0.00068969	0.002706028	0.000502749	0.00389847	0.00011340	0.00021760	0.000043245	0.00037425	0.002701934	0.00393331	0.000811167	0.007446412	0.00082222	0.001445008	0.000237426	0.00250466
606058.46	4201539.31	0.00006851	0.003104339	0.000722437	0.00389528	0.00001242	0.00025165	0.000060504	0.00032457	0.000298035	0.004590128	0.001093751	0.005981914	0.00011509	0.001737581	0.000267254	0.00211992
606575.48	4201609.67	0.00023463	0.003163329	0.000497233	0.00389519	0.00003988	0.00025379	0.000042285	0.00033595	0.0009526	0.004575372	0.000780958	0.00630893	0.00031736	0.001665977	0.000212905	0.00219624
606951.81	4201517.55	0.00171557	0.001720109	0.000457375	0.00389305	0.00027926	0.00014000	0.000040666	0.00045992	0.006648437	0.002564858	0.000796035	0.01000933	0.00196360	0.000984824	0.000275727	0.00322415
607289.45	4201490.66	0.00261245	0.000910435	0.000369023	0.00389190	0.00046119	0.00009081	0.000049814	0.00060181	0.011049062	0.002001978	0.001388187	0.014439226	0.00403227	0.001182389	0.000989619	0.00620428
606005.3	4201499.08	0.00005935	0.003073593	0.000753975	0.00388692	0.00001075	0.00024984	0.000063029	0.00032362	0.000258049	0.004571003	0.001136409	0.005965461	0.00009952	0.001747391	0.000273686	0.00212060
607106.06	4201502.23	0.00223150	0.001244231	0.000407845	0.00388357	0.00036592	0.00010385	0.000038515	0.00050829	0.008716889	0.001954956	0.000808661	0.011480506	0.00263191	0.000814631	0.000347511	0.00379406
607496.96	4201172.31	0.00270008	0.000807795	0.000374283	0.00388216	0.00047007	0.00008059	0.000048141	0.00059880	0.011250157	0.001777189	0.001303434	0.01433078	0.00397649	0.001050022	0.000896210	0.00592272
607496.96	4201188.83	0.00266889	0.000802039	0.000370461	0.00384139	0.00046477	0.00008000	0.000047682	0.00059245	0.011123578	0.001763892	0.001291539	0.014179008	0.00393438	0.001041889	0.000888513	0.00586478
605823.31	4201467.62	0.00005273	0.002862902	0.000901704	0.00381734	0.00000956	0.00024513	0.000075212	0.00032990	0.000229473	0.004736425	0.001351793	0.006317691	0.00008867	0.002118780	0.000319826	0.00252727
606689.81	4201589.3	0.00054275	0.002757053	0.000500018	0.00379982	0.00008979	0.00022161	0.000042910	0.00035430	0.002140365	0.00400371	0.000802369	0.006946444	0.00066293	0.001468390	0.000231619	0.00236294
607496.96	4201205.35	0.00263457	0.00079598	0.000366723	0.00379727	0.00045901	0.00007940	0.000047243	0.00058565	0.010986024	0.001750645	0.00128036	0.014017029	0.00388998	0.001034099	0.000881454	0.00580553
607194.06	4201499.33	0.00236005	0.00105056	0.000381568	0.00379217	0.00039295	0.00009097	0.000039095	0.00052302	0.009372042	0.001777557	0.00089085	0.012040448	0.00295593	0.000818019	0.000463234	0.00423718
606640.56	4201604.42	0.00037559	0.00290973	0.000500198	0.00378552	0.00006278	0.00023367	0.000042740	0.00033919	0.001497758	0.004217379	0.000794523	0.00650966	0.00047746	0.001541453	0.000223336	0.00224225
607520.45	4201073.19	0.00259066	0.000801861	0.000386127	0.00377865	0.00044918	0.00007874	0.000047660	0.00057558	0.01074695	0.001715357	0.001256771	0.013719079	0.00376207	0.000992268	0.000834159	0.00558850
606970	4201519.99	0.00168056	0.001646028	0.000450049	0.00377664	0.00027395	0.00013418	0.000040164	0.00044829	0.006522719	0.002462827	0.000789842	0.009775389	0.00193474	0.000951060	0.000278056	0.00316385
606596.82	4201614.57	0.00026252	0.003012878	0.000491713	0.00376711	0.00004443	0.00024182	0.000041879	0.00032813	0.001061081	0.004361605	0.000775083	0.006197768	0.00034974	0.001590682	0.000213415	0.00215384
605767.62	4201463.35	0.00005257	0.002749749	0.000958853	0.00376117	0.00000953	0.00026661	0.000079944	0.00035608	0.000228646	0.00575143	0.001435933	0.007416008	0.00008824	0.003268411	0.000338518	0.00369517
607496.96	4201221.87	0.00259667	0.000789643	0.000363059	0.00374938	0.00045271	0.00007879	0.000046825	0.00057833	0.010835902	0.001737533	0.001269939	0.013843375	0.00384291	0.001026714	0.000875086	0.00574471
607520.45	4201089.71	0.00256766	0.000798485	0.000382108	0.00374826	0.00044512	0.00007831	0.000047155	0.00057058	0.010649484	0.001704381	0.001243266	0.013597131	0.00372634	0.000984239	0.000825040	0.00553562
606879.35	4201540.17	0.00131173	0.001961605	0.000470869	0.00374421	0.00021396	0.00015884	0.000041316	0.00041412	0.005094726	0.002893645	0.000795427	0.008783798	0.00151410	0.001090969	0.000259083	0.00286416
606551.69	4201619.47	0.00019465	0.003033446	0.000490599	0.00371869	0.00003339	0.00024345	0.000041679	0.00031851	0.000798143	0.004390636	0.000768698	0.005957476	0.00027216	0.001600778	0.000208172	0.00208110
607520.45	4201106.23	0.00254509	0.000794708	0.000378136	0.00371793	0.00044113	0.00007785	0.000046657	0.00056563	0.010553879	0.001692994	0.00123003	0.013476902	0.00369136	0.000976171	0.000816142	0.00548367
607242.15	4201499.33	0.00238090	0.000965774	0.000370073	0.00371674	0.00040408	0.00008727	0.000041413	0.00053277	0.00965215	0.001774458	0.001017388	0.012443997	0.00320436	0.000896000	0.000607020	0.00470738
607139.67	4201507.22	0.00215192	0.00115278	0.000394248	0.00369894	0.00035509	0.00009726	0.000038147	0.00049050	0.008463072	0.001851627	0.00082187	0.011136569	0.00260233	0.000796163	0.000377238	0.00377573
607520.45	4201122.75	0.00252210	0.000790547	0.000374219	0.00368687	0.00043709	0.00007737	0.000046171	0.00056062	0.010457122	0.001681286	0.001217153	0.013355561	0.00365640	0.000968143	0.000807548	0.00543209
606777.77	4201572.87	0.00085148	0.00232934	0.000484154	0.00366497	0.00013970	0.00018778	0.000041951	0.00036943	0.003328021	0.003403696	0.000794557	0.007526274	0.00100641	0.001262238	0.000242418	0.00251107
606614.31	4201618.42	0.00028710	0.00288535	0.00048731	0.00365976	0.00004845	0.00023168	0.000041560	0.00032168	0.001156733	0.004180585	0.000770599	0.006107917	0.00037831	0.001527042	0.000214031	0.00211939
606989.24	4201523.49	0.00164700	0.001568029	0.000441575	0.00365661	0.00026893	0.00012809	0.000039593	0.00043661	0.006404078	0.002356142	0.0007831	0.009543319	0.00190919	0.000916270	0.000281182	0.00310664
606455.43	4201631.34	0.00013542	0.002992796	0.000507544	0.00363576	0.00002375	0.00024038	0.000042988	0.00030712	0.000568669	0.004339375	0.000789545	0.005697589	0.00020443	0.001587099	0.000209495	0.00200102
607520.45	4201155.79	0.00247246	0.000781176	0.00036659	0.00362023	0.00042851	0.00007636	0.000045251	0.00055011	0.010251936	0.001657648	0.001193263	0.013102847	0.00358515	0.000952863	0.000792035	0.00533005
606409.52	4201629	0.00013371	0.002951091	0.000531891	0.00361669	0.00002348	0.00023721	0.000045007	0.00030570	0.000562264	0.004285865	0.000825501	0.00567363	0.00020272	0.001572123	0.000217572	0.00199242
606808.1	4201568.11	0.00094556	0.002188826	0.000477583	0.00361197	0.00015495	0.00017667	0.000041532	0.00037316	0.003691055	0.003207119	0.000790389	0.007688564	0.00111231	0.001195069	0.000245932	0.00255332
606902.13	4201544.16	0.00129100	0.00184754	0.000461346	0.00359989	0.00021090	0.00014983	0.000040626	0.00040136	0.005022491	0.002734255	0.000785687	0.008542433	0.00149950	0.001036632	0.000260371	0.00279651
605915.08	4201442.93	0.00005579	0.002702103	0.000829786	0.00358768	0.00001001	0.00022158	0.000069237	0.00030083	0.000240053	0.004093308	0.001245011	0.005578372	0.00009073	0.001612911	0.000295382	0.00199902
606298.76	4201611.71	0.00011466	0.002892566	0.000576924	0.00358415	0.00002029	0.00023296	0.000048673	0.00030193	0.000486294	0.004218206	0.00088906	0.00559356	0.00017851	0.001558730	0.000229480	0.00196672
607520.45	4201172.31	0.00244481	0.000776017	0.000362888	0.00358371	0.00042382	0.00007583	0.000044822	0.00054447	0.010139994	0.001645932	0.001182433	0.012968359	0.00354811	0.000945781	0.000785292	0.00527918
606748.4	4201588.33	0.00069433	0.002395518	0.000483182	0.00357303	0.00011443	0.00019296	0.000041748	0.00034915	0.002727122	0.00349477	0.000787765	0.007009656	0.00083565	0.001292326	0.000236586	0.00236456
607008.48	4201525.94	0.00162062	0.001496775	0.0004336	0.00355100	0.00026511	0.00012255	0.000039090	0.00042675	0.006314162	0.002260013	0.000778248	0.009352422	0.00189287	0.000885856	0.000285659	0.00306439
607520.45	4201188.83	0.00241469	0.00077057	0.000359261	0.00354452	0.00041877	0.00007530	0.000044411	0.00053848	0.010019511	0.001634259	0.00117227	0.01282604	0.00350939	0.000939019	0.000779145	0.00522756
606637.41	4201622.62	0.00032281	0.002727146	0.000483462	0.00353342	0.00005428	0.00021910	0.000041308	0.00031469	0.001295714	0.003956364	0.000767865	0.006019943	0.00041985	0.001448444	0.000215788	0.00208408
607543.94	4201073.19	0.00237152	0.000771356	0.00037459	0.00351747	0.00040969	0.00007447	0.000044752	0.00052891	0.009799255	0.001601223	0.001154098	0.012554575	0.00340032	0.000904374	0.000742259	0.00504695
606509	4201630.66	0.00015135	0.002876662	0.000486581	0.00351460	0.00002633	0.00023100	0.000041271	0.00029860	0.000630082	0.00416896	0.000759507	0.005558549	0.00022228	0.001523432	0.000203489	0.00194920
606269.29	4201609.25	0.00010876	0.002813665	0.000585868	0.00350829	0.00001931	0.00022682	0.000049396	0.00029553	0.000462935	0.004111466	0.000901483	0.005475884	0.00017120	0.001524750	0.000231639	0.00192758
607520.45	4201205.35	0.00238171	0.000764852	0.000355713	0.00350227	0.00041329	0.00007475	0.000044019	0.00053206	0.00988889	0.001622594	0.001162705	0.01267419	0.00346848	0.000932526	0.000773521	0.00517453
607543.94	4201089.71	0.00234849	0.000768047	0.000370768	0.00348731	0.00040565	0.00007406	0.000044279	0.00052400	0.009702703	0.001590943	0.001141622	0.012435267	0.00336572	0.000896995	0.000733964	0.00499668
606004.78	4201518.24	0.00005731	0.002699196	0.000727867	0.00348437	0.00001044	0.00022026	0.000060870	0.00029157	0.000250592	0.004047278	0.001098092	0.005395962	0.00009772	0.001568470	0.000265272	0.00193146
605857.05	4201470.09	0.00005199	0.002575952	0.00085484	0.00348278	0.00000943	0.00021694	0.000071324	0.00029769	0.000226361	0.004122058	0.001282425	0.005630844	0.00008753	0.001763161	0.000304119	0.00215481
606684.48	4201614.96	0.00045051	0.002545682	0.00048354	0.00347973	0.00007506	0.00020476	0.000041515	0.00032134	0.001790263	0.003702399	0.000776787	0.006269449	0.00056565	0.001361597	0.000224870	0.00215212
606216.45	4201599.79	0.00009632	0.00277225	0.000609962	0.00347853	0.00001722	0.00022382	0.000051344	0.00029238	0.000412972	0.00406391	0.000934891	0.005411773	0.00015497	0.001515605	0.000237395	0.00190797
607190.12	4201515.89	0.00205096	0.001038009	0.000376605	0.00346558	0.00034309	0.00008969	0.000038378	0.00047116	0.008186084	0.00174869	0.00087011	0.010804885	0.00261551	0.000800418	0.000447796	0.00386372
607543.94	4201106.23	0.00232607	0.000764375	0.000366992	0.00345743	0.00040174	0.00007364	0.000043820	0.00051919	0.009608978	0.00158047	0.001129608	0.012319056	0.00333237	0.000889766	0.000726091	0.00494823
607520.45	4201221.87	0.00234550	0.000758879	0.000352231	0.00345661	0.00040733	0.00007419	0.000043642	0.00052516	0.009746771	0.001610957	0.001153719	0.012511446	0.00342500	0.000926304	0.000768412	0.00511972
607024.22	4201530.14	0.00158559	0.001437078	0.000426151	0.00344882	0.00025987	0.00011792	0.000038611	0.00041640	0.006190399	0.002179732	0.000773339	0.00914347	0.00186630	0.000860637	0.000289453	0.00301639
607543.94	4201122.75	0.00230337	0.00076036	0.00036327	0.00342700	0.00039780	0.00007319	0.000043373	0.00051436	0.009514781	0.001569821	0.001118058	0.012202659	0.00329935	0.000882684	0.000718631	0.00490067
607289.45	4201511.95	0.00213910	0.000886497	0.00035995	0.00338555	0.00038193	0.00008732	0.000047375	0.00051662	0.009157774	0.00190687	0.001300784	0.012365427	0.00342638	0.001107730	0.000910499	0.00544461
606709.18	4201615.93	0.00049455	0.002410886	0.000476575	0.00338201	0.00008224	0.00019407	0.000041015	0.00031732	0.001961292	0.00351204	0.000769878	0.00624321	0.00061645	0.001295333	0.000226033	0.00213782
606947.26	4201548.33	0.00128228	0.001655531	0.000444118	0.00338193	0.00021006	0.00013473	0.000039424	0.00038421	0.005003478	0.002468018	0.000770203	0.0082417	0.00150620	0.000947288	0.000264899	0.00271838
607042.07	4201533.29	0.00157532	0.001376121	0.000418516	0.00336996	0.00025871	0.00011324	0.000038174	0.00041012	0.006163678	0.002099676	0.000770654	0.009034008	0.00186927	0.000836855	0.000295755	0.00300188
606357.23	4201635.59	0.00012922	0.002684128	0.000540519	0.00335386	0.00002276	0.00021616	0.000045719	0.00028463	0.000545109	0.003913671	0.000838096	0.005296877	0.00019787	0.001445823	0.000220283	0.00186398
607245.3	4201518.25	0.00203790	0.00094125	0.000363032	0.00334218	0.00034948	0.00008528	0.000040788	0.00047554	0.008354384	0.001737979	0.001005154	0.011097518	0.00284722	0.000882050	0.000602797	0.00433206
606547.49	4201643.96	0.00017381	0.002682769	0.000471099	0.00332768	0.00003004	0.00021553	0.000040049	0.00028562	0.000718582	0.003891712	0.000739308	0.005349603	0.00024965	0.001424596	0.000201094	0.00187534
607543.94	4201172.31	0.00222785	0.000746491	0.000352477	0.00332682	0.00038498	0.00007177	0.000042135	0.00049888	0.009208418	0.001537796	0.001087045	0.011833258	0.00319749	0.000863105	0.000699547	0.00476015
606141.04	4201589.67	0.00008085	0.002601014	0.000643222	0.00332508	0.00001460	0.00021078	0.000054034	0.00027941	0.000350464	0.003843073	0.000981049	0.005174586	0.00013440	0.001452953	0.000245383	0.00183274
606827.42	4201586.84	0.00084767	0.002002453	0.000460893	0.00331101	0.00013953	0.00016187	0.000040206	0.00034161	0.003324867	0.002943341	0.000768244	0.007036452	0.00101513	0.001102852	0.000242970	0.00236095
605819.2	4201487.79	0.00005157	0.00238496	0.000870422	0.00330696	0.00000940	0.00020854	0.000072629	0.00029057	0.000225629	0.004113082	0.001306015	0.005644727	0.00008806	0.001936775	0.000309883	0.00233471
607410.62	4201477.67	0.00212891	0.000794401	0.000374706	0.00329802	0.00046429	0.00011286	0.000083706	0.00066085	0.011280733	0.003043749	0.002862691	0.017187173	0.00585122	0.002362239	0.002499344	0.01071280
606965.8	4201551.48	0.00127655	0.001579529	0.00043622	0.00329230	0.00020943	0.00012877	0.000038888	0.00037709	0.004989154	0.002363685	0.000763754	0.008116594	0.00150851	0.000913002	0.000267641	0.00268915
607567.43	4201073.19	0.00218341	0.00074284	0.000363929	0.00329018	0.00037613	0.00007076	0.000042337	0.00048923	0.008994656	0.001505136	0.001071184	0.011570976	0.00309981	0.000833093	0.000669641	0.00460254
606733.87	4201616.9	0.00053872	0.002280003	0.000469474	0.00328819	0.00008946	0.00018370	0.000040512	0.00031367	0.002133338	0.003327628	0.000763152	0.006224118	0.00066800	0.001231425	0.000227547	0.00212697
607061.31	4201537.14	0.00155863	0.001313984	0.000410331	0.00328294	0.00025662	0.00010850	0.000037731	0.00040285	0.006115097	0.002019344	0.000768879	0.00890332	0.00186831	0.000813920	0.000303646	0.00298588
607567.43	4201089.71	0.00216014	0.000739596	0.000360289	0.00326002	0.00037209	0.00007037	0.000041893	0.00048436	0.008898002	0.00149544	0.001059575	0.011453017	0.00306591	0.000826251	0.000662023	0.00455418
606118.24	4201586.99	0.00007664	0.002529113	0.000653246	0.00325900	0.00001389	0.00020529	0.000054845	0.00027402	0.000333358	0.003749841	0.000994956	0.005078155	0.00012867	0.001426130	0.000247786	0.00180258
606099.47	4201581.62	0.00007342	0.002518794	0.000665843	0.00325806	0.00001333	0.00020467	0.000055870	0.00027387	0.000320044	0.003743141	0.001012728	0.005075913	0.00012406	0.001429134	0.000251110	0.00180430
607567.43	4201106.23	0.00213766	0.00073603	0.000356693	0.00323038	0.00036820	0.00006997	0.000041464	0.00047963	0.008805027	0.001485674	0.001048509	0.011339209	0.00303358	0.000819645	0.000654910	0.00450813
606454.65	4201658.94	0.00013707	0.002597489	0.000494299	0.00322886	0.00002410	0.00020895	0.000041927	0.00027497	0.000577106	0.003778559	0.000771579	0.005127244	0.00020862	0.001390141	0.000206742	0.00180550
606162.49	4201601.07	0.00008440	0.002518146	0.000622869	0.00322541	0.00001522	0.00020401	0.000052370	0.00027160	0.000365243	0.003718706	0.000951997	0.005035946	0.00013960	0.001404686	0.000239665	0.00178396
605951.7	4201477.5	0.00005398	0.00240498	0.000761314	0.00322027	0.00000977	0.00019753	0.000063583	0.00027088	0.000234438	0.003655265	0.001144869	0.005034573	0.00009023	0.001447925	0.000273675	0.00181183
607078.8	4201540.99	0.00155604	0.001260248	0.000402912	0.00321920	0.00025681	0.00010445	0.000037366	0.00039862	0.006120703	0.001951554	0.000768891	0.008841148	0.00188297	0.000795809	0.000312466	0.00299124
606760.02	4201616.9	0.00059159	0.002151616	0.000462284	0.00320549	0.00009813	0.00017354	0.000040025	0.00031169	0.002339653	0.003147609	0.000757298	0.00624456	0.00073012	0.001169634	0.000230062	0.00212981
606867.57	4201584.76	0.00091267	0.001840824	0.000450271	0.00320376	0.00015025	0.00014912	0.000039488	0.00033886	0.00358033	0.002717891	0.000759715	0.007057935	0.00109355	0.001026272	0.000246807	0.00236662
607590.92	4201023.63	0.00211325	0.000723685	0.000364573	0.00320151	0.00036320	0.00006853	0.000041647	0.00047338	0.008683917	0.001450663	0.001039509	0.011174089	0.00297576	0.000795543	0.000636300	0.00440760
607567.43	4201122.75	0.00211509	0.000732156	0.000353144	0.00320039	0.00036433	0.00006955	0.000041048	0.00047492	0.008712338	0.001475827	0.001037946	0.011226111	0.00300185	0.000813250	0.000648260	0.00446336
606415.7	4201656.59	0.00013645	0.002552136	0.000511278	0.00319987	0.00002400	0.00020547	0.000043333	0.00027280	0.000574743	0.003718884	0.000796607	0.005090235	0.00020795	0.001372332	0.000212326	0.00179261
606315.23	4201638.06	0.00011797	0.002530874	0.000546437	0.00319529	0.00002090	0.00020413	0.000046179	0.00027120	0.000500817	0.003702175	0.000845511	0.005048503	0.00018418	0.001375542	0.000220884	0.00178061
606848.84	4201591.3	0.00084952	0.001891097	0.000452242	0.00319286	0.00014001	0.00015306	0.000039565	0.00033263	0.003336569	0.002786916	0.000758824	0.006882309	0.00102233	0.001048965	0.000243551	0.00231485
606981.54	4201556.73	0.00125009	0.001512347	0.000428372	0.00319081	0.00020548	0.00012351	0.000038345	0.00036734	0.004895837	0.002271583	0.000756885	0.007924305	0.00148862	0.000882819	0.000269894	0.00264134
606512.5	4201654.8	0.00014451	0.002558502	0.00046831	0.00317132	0.00002526	0.00020567	0.000039765	0.00027070	0.0006047	0.00371634	0.000732877	0.005053917	0.00021573	0.001363628	0.000197792	0.00177715
607590.92	4201040.15	0.00207592	0.000721482	0.000361017	0.00315842	0.00035683	0.00006819	0.000041170	0.00046619	0.008531765	0.001441015	0.001026278	0.010999058	0.00292459	0.000787754	0.000626914	0.00433925
606001.9	4201540.87	0.00005644	0.002393195	0.000707586	0.00315722	0.00001033	0.00019620	0.000059203	0.00026574	0.00024818	0.003623421	0.00106878	0.004940381	0.00009778	0.001426537	0.000259202	0.00178352
607098.04	4201544.48	0.00155137	0.001205601	0.000395209	0.00315218	0.00025687	0.00010040	0.000037065	0.00039434	0.006123865	0.001885634	0.000772361	0.00878186	0.00190159	0.000780490	0.000325180	0.00300726
605857.05	4201491.49	0.00005101	0.002258301	0.000827762	0.00313708	0.00000930	0.00019239	0.000069092	0.00027078	0.0002234	0.003698635	0.001243006	0.00516504	0.00008735	0.001632824	0.000295723	0.00201590
606897.31	4201583.27	0.00095489	0.00173089	0.00044216	0.00312794	0.00015726	0.00014046	0.000038943	0.00033667	0.003747611	0.00256515	0.000753336	0.007066097	0.00114598	0.000974803	0.000249875	0.00237066
607590.92	4201056.67	0.00204586	0.000718945	0.000357488	0.00312230	0.00035167	0.00006784	0.000040717	0.00046022	0.008408363	0.001431655	0.001014016	0.010854034	0.00288239	0.000780580	0.000618492	0.00428146
606221.97	4201624.24	0.00009374	0.002444688	0.000582087	0.00312051	0.00001682	0.00019775	0.000049038	0.00026361	0.000403454	0.003598378	0.000893942	0.004895773	0.00015258	0.001351554	0.000228372	0.00173250
607405.41	4201505.03	0.00193054	0.000799038	0.000387813	0.00311739	0.00047259	0.00012883	0.000101440	0.00070286	0.011556594	0.003652271	0.003612366	0.018821231	0.00680120	0.002982098	0.003254797	0.01303809
607000.43	4201559.18	0.00124514	0.001447365	0.000421095	0.00311360	0.00020499	0.00011845	0.000037868	0.00036131	0.004884864	0.002183194	0.00075164	0.007819698	0.00149220	0.000854342	0.000273139	0.00261968
606602.68	4201659.79	0.00021795	0.00243241	0.000454683	0.00310505	0.00003732	0.00019558	0.000038798	0.00027170	0.000892037	0.00353501	0.000719916	0.005146964	0.00030286	0.001298295	0.000200638	0.00180180
606784.71	4201619.32	0.00062104	0.002029558	0.000454368	0.00310496	0.00010301	0.00016388	0.000039453	0.00030633	0.002456016	0.002975919	0.000749299	0.006181234	0.00076634	0.001110329	0.000231232	0.00210791
607590.92	4201073.19	0.00202000	0.000716086	0.000353987	0.00309007	0.00034721	0.00006748	0.000040282	0.00045497	0.008301807	0.001422431	0.001002521	0.010726759	0.00284566	0.000773853	0.000610826	0.00423034
605954.99	4201496.02	0.00005291	0.002286492	0.000744766	0.00308417	0.00000962	0.00018839	0.000062223	0.00026024	0.0002311	0.003498067	0.001120959	0.004850126	0.00008992	0.001400071	0.000268730	0.00175872
606552.74	4201663.55	0.00016708	0.002441705	0.000455853	0.00306463	0.00002899	0.00019633	0.000038792	0.00026411	0.000693554	0.003548502	0.000717104	0.00495916	0.00024315	0.001303240	0.000196357	0.00174274
606074.67	4201584.98	0.00006885	0.00232673	0.000665563	0.00306115	0.00001256	0.00018974	0.000055826	0.00025812	0.000301523	0.003483875	0.001011405	0.004796803	0.00011790	0.001346994	0.000250082	0.00171498
607114.38	4201550.44	0.00151543	0.001157544	0.000387733	0.00306070	0.00025191	0.00009686	0.000036758	0.00038552	0.00600736	0.001828213	0.000775019	0.008610592	0.00188612	0.000767581	0.000336788	0.00299049
607590.92	4201089.71	0.00199640	0.00071291	0.000350518	0.00305983	0.00034315	0.00006710	0.000039864	0.00045012	0.008204645	0.001413243	0.000991669	0.010609557	0.00281222	0.000767468	0.000603784	0.00418347
605913.84	4201470.5	0.00005174	0.002223515	0.000778351	0.00305360	0.00000937	0.00018429	0.000064976	0.00025863	0.000224833	0.003443483	0.00116919	0.004837506	0.00008663	0.001404354	0.000278463	0.00176945
606256.67	4201638.44	0.00009959	0.002384414	0.000559905	0.00304391	0.00001782	0.00019276	0.000047229	0.00025780	0.000427325	0.003505023	0.000862475	0.004794824	0.00016061	0.001313474	0.000222342	0.00169642
606637.54	4201662.7	0.00026174	0.002328924	0.000451441	0.00304211	0.00004452	0.00018737	0.000038629	0.00027052	0.001063489	0.003388869	0.000719477	0.005171835	0.00035496	0.001247424	0.000204036	0.00180642
607590.92	4201106.23	0.00197378	0.000709441	0.000347085	0.00303031	0.00033927	0.00006672	0.000039460	0.00044545	0.00811191	0.00140405	0.000981374	0.010497334	0.00278060	0.000761356	0.000597270	0.00413922
607614.41	4201023.63	0.00197203	0.000698458	0.000354727	0.00302521	0.00033826	0.00006554	0.000039787	0.00044359	0.008086428	0.001376927	0.000979218	0.010442573	0.00275755	0.000744044	0.000585981	0.00408757
607134.55	4201552.91	0.00153586	0.001107707	0.000380394	0.00302396	0.00025639	0.00009336	0.000036665	0.00038642	0.006116248	0.00177554	0.000786797	0.008678585	0.00194296	0.000761248	0.000357614	0.00306183
607018.28	4201564.42	0.00122315	0.001382485	0.000412924	0.00301856	0.00020185	0.00011341	0.000037339	0.00035260	0.00481096	0.002095822	0.000746095	0.007652876	0.00147978	0.000826809	0.000277136	0.00258372
606806.99	4201621.74	0.00064069	0.001927247	0.000447232	0.00301517	0.00010630	0.00015577	0.000038932	0.00030100	0.002534594	0.00283202	0.00074188	0.006108495	0.00079155	0.001060634	0.000232072	0.00208426
607590.92	4201122.75	0.00195126	0.000705671	0.000343684	0.00300062	0.00033543	0.00006631	0.000039069	0.00044081	0.008020128	0.001394783	0.000971563	0.010386475	0.00274975	0.000755458	0.000591217	0.00409643
606891.36	4201599.33	0.00085501	0.001696819	0.000435614	0.00298744	0.00014127	0.00013771	0.000038351	0.00031733	0.003367381	0.002515045	0.000741492	0.006623917	0.00103937	0.000956012	0.000245466	0.00224085
607614.41	4201040.15	0.00193377	0.000696195	0.000351332	0.00298130	0.00033178	0.00006521	0.000039337	0.00043632	0.007931547	0.001367655	0.000966786	0.010265988	0.00270630	0.000736697	0.000577226	0.00402022
607437.11	4201475.93	0.00188186	0.000747412	0.000348061	0.00297733	0.00038139	0.00009201	0.000063254	0.00053665	0.00922465	0.002317029	0.002023049	0.013564728	0.00433054	0.001661657	0.001667436	0.00765963
606511.8	4201676.15	0.00014222	0.002373077	0.000458445	0.00297375	0.00002495	0.00019093	0.000038971	0.00025486	0.000597509	0.003453473	0.000719361	0.004770344	0.00021500	0.001271440	0.000195602	0.00168204
607037.52	4201565.47	0.00123145	0.001327241	0.000406406	0.00296509	0.00020358	0.00010916	0.000036969	0.00034971	0.004852749	0.00202293	0.000743938	0.007619618	0.00150014	0.000804909	0.000282655	0.00258770
606348.58	4201660.71	0.00012817	0.002308059	0.000517725	0.00295395	0.00002265	0.00018628	0.000043856	0.00025279	0.000542797	0.003381071	0.000805638	0.004729507	0.00019864	0.001259398	0.000213961	0.00167200
606172.54	4201623.86	0.00008279	0.002268213	0.000594363	0.00294537	0.00001498	0.00018409	0.000050012	0.00024907	0.00035945	0.003362112	0.000910141	0.004631703	0.00013825	0.001278089	0.000230458	0.00164680
607614.41	4201056.67	0.00190303	0.000693664	0.000347971	0.00294466	0.00032653	0.00006487	0.000038908	0.00043030	0.007806224	0.001358687	0.000955244	0.010120155	0.00266414	0.000729920	0.000569346	0.00396341
606942.45	4201591.62	0.00097545	0.001541813	0.000423612	0.00294087	0.00016123	0.00012565	0.000037697	0.00032457	0.003843129	0.002305303	0.000738722	0.006887154	0.00118737	0.000889209	0.000256864	0.00233344
606829.21	4201623.71	0.00065911	0.001833645	0.00044037	0.00293313	0.00010940	0.00014837	0.000038436	0.00029620	0.002608619	0.002700649	0.000734948	0.006044217	0.00081562	0.001015455	0.000233089	0.00206417
605762.1	4201482.26	0.00004943	0.001972766	0.000900774	0.00292297	0.00000901	0.00021045	0.000075124	0.00029458	0.000216308	0.004865949	0.001349921	0.006432178	0.00008447	0.003103720	0.000319006	0.00350719
606309.88	4201659.06	0.00011244	0.002271363	0.000528664	0.00291246	0.00002000	0.00018350	0.000044701	0.00024821	0.000479552	0.00333445	0.000819042	0.004633045	0.00017807	0.001246694	0.000214761	0.00163952
607614.41	4201073.19	0.00187666	0.000690849	0.000344633	0.00291214	0.00032202	0.00006452	0.000038498	0.00042503	0.007698386	0.001349886	0.000944432	0.009992704	0.00262760	0.000723586	0.000562188	0.00391337
605915.9	4201491.49	0.00005057	0.002095508	0.000760699	0.00290677	0.00000921	0.00017467	0.000063526	0.00024741	0.000221175	0.003283718	0.001143697	0.004648591	0.00008629	0.001362980	0.000273200	0.00172247
606684.37	4201668.7	0.00032307	0.002123878	0.000444921	0.00289187	0.00005463	0.00017112	0.000038242	0.00026399	0.001304538	0.003099727	0.000716616	0.005120882	0.00042897	0.001147062	0.000208834	0.00178487
607055.01	4201570.37	0.00121858	0.001271184	0.000398787	0.00288855	0.00020201	0.00010487	0.000036538	0.00034343	0.00481653	0.00195004	0.000741508	0.007508077	0.00150078	0.000783788	0.000289200	0.00257377
606459.38	4201686.55	0.00014146	0.002268761	0.000478179	0.00288840	0.00002490	0.00018280	0.000040635	0.00024834	0.000596397	0.003311739	0.000749731	0.004657867	0.00021621	0.001225885	0.000203409	0.00164550
606600.26	4201679.16	0.00020063	0.002245308	0.000441831	0.00288777	0.00003455	0.00018068	0.000037728	0.00025297	0.000826277	0.003268692	0.000700717	0.004795686	0.00028459	0.001204172	0.000196149	0.00168491
607614.41	4201089.71	0.00185272	0.000687734	0.000341319	0.00288177	0.00031792	0.00006416	0.000038102	0.00042018	0.007600536	0.001341131	0.000934234	0.009875901	0.00259448	0.000717585	0.000555635	0.00386770
607637.9	4201023.63	0.00184772	0.000674603	0.000345432	0.00286775	0.00031642	0.00006282	0.000038147	0.00041739	0.007563411	0.001311384	0.000927308	0.009802102	0.00256876	0.000699636	0.000543628	0.00381203
606705.15	4201666.69	0.00035957	0.002063623	0.000444541	0.00286774	0.00006063	0.00016636	0.000038293	0.00026528	0.001447416	0.003015765	0.000719639	0.00518282	0.00047234	0.001118601	0.000212393	0.00180333
606636.58	4201680.62	0.00024144	0.00217784	0.000439413	0.00285869	0.00004127	0.00017534	0.000037626	0.00025424	0.000986439	0.003173664	0.000701473	0.004861577	0.00033357	0.001171262	0.000199798	0.00170463
606147.07	4201623.19	0.00007765	0.002177085	0.000601227	0.00285596	0.00001410	0.00017707	0.000050558	0.00024173	0.000338622	0.003241791	0.000919269	0.004499682	0.00013136	0.001241878	0.000231698	0.00160494
605950.05	4201518.65	0.00005132	0.002078432	0.000725376	0.00285513	0.00000940	0.00017242	0.000060626	0.00024245	0.000225734	0.003225073	0.001092798	0.004543604	0.00008898	0.001319159	0.000262785	0.00167093
607614.41	4201106.23	0.00182996	0.000684376	0.000338043	0.00285238	0.00031405	0.00006379	0.000037721	0.00041555	0.007507854	0.001332443	0.000924595	0.009764892	0.00256337	0.000711886	0.000549610	0.00382487
606849.73	4201627.88	0.00066459	0.001742835	0.000432775	0.00284020	0.00011043	0.00014118	0.000037873	0.00028949	0.002633421	0.002573141	0.000726667	0.005933229	0.00082590	0.000971567	0.000233589	0.00203106
606217.24	4201646.32	0.00008755	0.002186708	0.000561128	0.00283538	0.00001580	0.00017728	0.000047286	0.00024037	0.000379128	0.003234022	0.000862343	0.004475493	0.00014511	0.001224696	0.000220754	0.00159056
606725.93	4201665.35	0.00039194	0.001999179	0.000441945	0.00283306	0.00006594	0.00016127	0.000038150	0.00026537	0.001574118	0.002925606	0.000719005	0.00521873	0.00051082	0.001087792	0.000214823	0.00181343
606969.26	4201597.65	0.00097964	0.001440922	0.000412417	0.00283298	0.00016239	0.00011779	0.000036975	0.00031715	0.00387163	0.002168457	0.000731235	0.006771322	0.00120598	0.000845390	0.000262454	0.00231382
607071.8	4201574.57	0.00121948	0.001220537	0.000391735	0.00283175	0.00020279	0.00010108	0.000036217	0.00034008	0.004836116	0.001887119	0.000742643	0.007465878	0.00151995	0.000767715	0.000298740	0.00258641
605854.59	4201515.36	0.00005054	0.00197738	0.000800821	0.00282874	0.00000926	0.00017073	0.000066875	0.00024687	0.000222567	0.003326418	0.001203935	0.004752921	0.00008793	0.001519862	0.000287523	0.00189531
606549.59	4201682.79	0.00015536	0.002229859	0.000442561	0.00282778	0.00002711	0.00017946	0.000037683	0.00024425	0.000648881	0.003247006	0.000697196	0.004593083	0.00023057	0.001196711	0.000191661	0.00161894
607637.9	4201040.15	0.00180857	0.000672375	0.000342216	0.00282316	0.00030982	0.00006250	0.000037722	0.00041004	0.007405865	0.001302567	0.000915639	0.009624071	0.00251738	0.000692723	0.000535444	0.00374555
606053.21	4201593.02	0.00006487	0.002096539	0.000657748	0.00281916	0.00001188	0.00017181	0.000055162	0.00023886	0.000285478	0.003171603	0.000999148	0.004456229	0.00011264	0.001246970	0.000246753	0.00160636
606129.64	4201621.18	0.00007430	0.002132152	0.000607749	0.00281420	0.00001353	0.00017368	0.000051082	0.00023829	0.00032493	0.003184916	0.000928153	0.004437999	0.00012674	0.001226539	0.000233093	0.00158637
606508.65	4201695.39	0.00014427	0.002216197	0.000452728	0.00281319	0.00002536	0.00017848	0.000038533	0.00024238	0.000607459	0.003231783	0.000712511	0.004551754	0.00021962	0.001194172	0.000195344	0.00160914
606400.88	4201682.12	0.00013964	0.002179758	0.000490854	0.00281025	0.00002462	0.00017591	0.000041690	0.00024222	0.000589809	0.00319239	0.000768646	0.004550845	0.00021467	0.001188637	0.000207816	0.00161112
605814.67	4201508.36	0.00004964	0.001923915	0.000829427	0.00280298	0.00000909	0.00017314	0.000069233	0.00025147	0.000218414	0.003507534	0.001245603	0.004971551	0.00008616	0.001756850	0.000296417	0.00213942
607455.35	4201475.06	0.00174375	0.000721776	0.000336062	0.00280159	0.00034329	0.00008364	0.000055510	0.00048244	0.008287617	0.002036353	0.001709262	0.012033231	0.00371972	0.001398244	0.001358962	0.00647693
606251.94	4201658.94	0.00009385	0.002153455	0.000541669	0.00278898	0.00001688	0.00017442	0.000045705	0.00023700	0.000404865	0.003178359	0.000835012	0.004418236	0.00015379	0.001199420	0.000215746	0.00156896
607088.6	4201577.72	0.00122855	0.001174416	0.000385238	0.00278820	0.00020495	0.00009768	0.000035980	0.00033861	0.004888935	0.001832047	0.000746294	0.007467275	0.00155025	0.000755364	0.000310207	0.00261582
607637.9	4201056.67	0.00177699	0.000669819	0.000338994	0.00278580	0.00030447	0.00006217	0.000037315	0.00040395	0.007277993	0.001293916	0.000904733	0.009476641	0.00247504	0.000686295	0.000528053	0.00368939
606941.11	4201611.06	0.00088031	0.001487942	0.00041439	0.00278264	0.00014615	0.00012137	0.000036949	0.00030447	0.003484891	0.002229229	0.000725833	0.006439953	0.00109025	0.000862729	0.000254556	0.00220754
607415.83	4201531.52	0.00164240	0.000765001	0.000373157	0.00278056	0.00041370	0.00012098	0.000094747	0.00062943	0.010131285	0.003405629	0.003350421	0.016887334	0.00612361	0.002761642	0.003002796	0.01188805
606749.39	4201666.02	0.00042017	0.00191563	0.000436434	0.00277223	0.00007060	0.00015466	0.000037766	0.00026303	0.001685189	0.00280821	0.00071407	0.005207469	0.00054502	0.001047327	0.000216290	0.00180864

606433.4	4201693.65	0.00014207	0.002140546	0.000478229	0.00276085	0.00002503	0.00017268	0.000040652	0.00023836	0.000599481	0.003132634	0.000750357	0.004482472	0.00021771	0.001164867	0.000203994	0.00158657
607637.9	4201073.19	0.00175007	0.000667045	0.000335808	0.00275292	0.00029989	0.00006183	0.000036926	0.00039865	0.007168623	0.001285494	0.000894538	0.009348655	0.00243855	0.000680310	0.000521350	0.00364021
607109.45	4201582.54	0.00124316	0.00111867	0.000376936	0.00273877	0.00020835	0.00009365	0.000035744	0.00033775	0.004971934	0.001768634	0.000753876	0.007494444	0.00159669	0.000743669	0.000327861	0.00266822
607165.83	4201576.78	0.00136017	0.001014031	0.000363206	0.00273740	0.00023048	0.00008668	0.000036085	0.00035325	0.005504784	0.00167218	0.000798485	0.00797545	0.00182009	0.000744878	0.000390038	0.00295500
606986.02	4201605.69	0.00095814	0.001372826	0.000403717	0.00273469	0.00015931	0.00011249	0.000036395	0.00030819	0.00379914	0.002076217	0.000724585	0.006599942	0.00119356	0.000815941	0.000265944	0.00227544
606339.11	4201680.06	0.00011856	0.002107221	0.000504489	0.00273027	0.00002108	0.00017033	0.000042740	0.00023415	0.000505284	0.003096783	0.000785234	0.004387301	0.00018732	0.001159986	0.000208688	0.00155600
607125.91	4201581.72	0.00127155	0.001085247	0.000372485	0.00272929	0.00021375	0.00009133	0.000035746	0.00034083	0.005101935	0.001734143	0.000763543	0.007599621	0.00165168	0.000740277	0.000343087	0.00273505
606772.85	4201664.68	0.00045077	0.001845076	0.000431973	0.00272781	0.00007564	0.00014908	0.000037470	0.00026219	0.001805232	0.002709401	0.000710692	0.005225325	0.00058169	0.001013493	0.000218112	0.00181329
607661.39	4201023.63	0.00173821	0.000652072	0.000336646	0.00272693	0.00029725	0.00006034	0.000036681	0.00039427	0.007104516	0.001252552	0.000882002	0.00923907	0.00240453	0.000660845	0.000507463	0.00357284
606873.22	4201634.72	0.00066501	0.00163772	0.000423018	0.00272574	0.00011071	0.00013288	0.000037155	0.00028074	0.002640526	0.002426036	0.000716222	0.005782783	0.00083257	0.000921267	0.000234429	0.00198827
606029.75	4201589.67	0.00006287	0.001992797	0.000668454	0.00272412	0.00001153	0.00016397	0.000056036	0.00023154	0.000277111	0.003040225	0.001014374	0.00433171	0.00010967	0.001211492	0.000249703	0.00157087
607637.9	4201089.71	0.00172580	0.000664028	0.00033265	0.00272247	0.00029576	0.00006149	0.000036551	0.00039380	0.007070017	0.00127717	0.000884929	0.009232116	0.00240566	0.000674658	0.000515216	0.00359553
607147.72	4201580.48	0.00131175	0.00104328	0.000366778	0.00272181	0.00022149	0.00008851	0.000035838	0.00034584	0.005288549	0.001694477	0.000779933	0.007762958	0.00173243	0.000739754	0.000366718	0.00283890
606601.43	4201696.27	0.00019134	0.002098305	0.000431271	0.00272092	0.00003309	0.00016898	0.000036860	0.00023893	0.000791643	0.003059554	0.000685441	0.004536639	0.00027548	0.001130327	0.000192976	0.00159878
605908.49	4201515.36	0.00004924	0.001918571	0.000743605	0.00271142	0.00000903	0.00016160	0.000062122	0.00023276	0.000216934	0.00307123	0.001119023	0.004407187	0.00008578	0.001314351	0.000268116	0.00166824
607006.13	4201605.69	0.00099016	0.001318703	0.000397737	0.00270660	0.00016484	0.00010834	0.000036085	0.00030926	0.003931445	0.002005415	0.000723896	0.006660756	0.00123948	0.000795112	0.000272334	0.00230693
607197.52	4201575.13	0.00138946	0.000959477	0.000355539	0.00270447	0.00023807	0.00008347	0.000036676	0.00035822	0.005690878	0.001638352	0.00084096	0.00817019	0.00193539	0.000762392	0.000442824	0.00314060
607183.52	4201578.02	0.00136082	0.000980879	0.000358244	0.00269995	0.00023208	0.00008462	0.000036299	0.00035300	0.005545726	0.001647293	0.00081857	0.008011589	0.00186410	0.000751078	0.000416585	0.00303176
607237.02	4201569.37	0.00144524	0.00090192	0.000348189	0.00269535	0.00025224	0.00008095	0.000038281	0.00037147	0.006037863	0.001635906	0.000927262	0.008601032	0.00214661	0.000814978	0.000540308	0.00350190
607637.9	4201106.23	0.00170287	0.000660773	0.000329517	0.00269316	0.00029188	0.00006113	0.000036190	0.00038920	0.006977188	0.001268909	0.000875848	0.009121946	0.00237493	0.000669299	0.000509597	0.00355382
607218.92	4201572.25	0.00141548	0.000926119	0.000350997	0.00269259	0.00024476	0.00008181	0.000037368	0.00036394	0.005854913	0.00162918	0.00088114	0.008365233	0.00203639	0.000784913	0.000489539	0.00331084
606102.82	4201623.19	0.00006748	0.002016557	0.000606664	0.00269070	0.00001237	0.00016482	0.000050957	0.00022814	0.00029708	0.003033795	0.000925038	0.004255913	0.00011731	0.001182151	0.000231177	0.00153063
607338.67	4201559.91	0.00153865	0.000798325	0.000351697	0.00268867	0.00032585	0.00009570	0.000063140	0.00048469	0.007903116	0.002375408	0.002010206	0.012288729	0.00394731	0.001672814	0.001649911	0.00727003
607661.39	4201040.15	0.00169769	0.000649816	0.000333573	0.00268108	0.00029046	0.00006002	0.000036279	0.00038676	0.006942415	0.001244057	0.000870988	0.009057461	0.00235244	0.000654290	0.000499784	0.00350651
606641.63	4201699.66	0.00023152	0.002018016	0.000427672	0.00267721	0.00003975	0.00016262	0.000036673	0.00023904	0.00095022	0.002946491	0.000685027	0.004581738	0.00032471	0.001091187	0.000196822	0.00161272
606293.82	4201678.82	0.00010118	0.002059316	0.000515647	0.00267614	0.00001813	0.00016670	0.000043588	0.00022842	0.000434929	0.003035914	0.000798336	0.004269179	0.00016406	0.001143394	0.000208918	0.00151638
606892.25	4201637.1	0.00068811	0.001565838	0.000416492	0.00267044	0.00011468	0.00012725	0.000036738	0.00027867	0.002735388	0.002327555	0.000712028	0.005774971	0.00086502	0.000889040	0.000237863	0.00199193
607263.77	4201568.55	0.00145849	0.00086591	0.000343971	0.00266837	0.00025997	0.00008028	0.000040283	0.00038053	0.006232648	0.001669302	0.001024191	0.008926141	0.00232340	0.000883709	0.000645004	0.00385211
605949.23	4201544.16	0.00005091	0.001909262	0.000705531	0.00266570	0.00000937	0.00015939	0.000059000	0.00022776	0.000225259	0.00300113	0.001064299	0.004290687	0.00008978	0.001251344	0.000257033	0.00159816
606550.64	4201723.38	0.00015202	0.002077308	0.000432102	0.00266143	0.00002671	0.00016733	0.000036834	0.00023087	0.000639672	0.003030323	0.000682513	0.004352508	0.00023094	0.001120436	0.000188977	0.00154035
607307.4	4201564.43	0.00149803	0.000819223	0.000342659	0.00265991	0.00028482	0.00008382	0.000047936	0.00041657	0.006859804	0.001882928	0.00136276	0.010105492	0.00290266	0.001147563	0.000994766	0.00504499
606796.31	4201667.36	0.00046913	0.001757257	0.000425219	0.00265160	0.00007872	0.00014213	0.000036978	0.00025783	0.001878738	0.002585903	0.000703707	0.005168349	0.00060536	0.000970855	0.000218945	0.00179516
607285.17	4201568.14	0.00146417	0.000839713	0.000341715	0.00264560	0.00026767	0.00008085	0.000042937	0.00039145	0.006429026	0.001734462	0.001145508	0.009308996	0.00252636	0.000975634	0.000772452	0.00427445
607661.39	4201056.67	0.00166530	0.000647345	0.00033052	0.00264317	0.00028500	0.00005970	0.000035894	0.00038059	0.006812007	0.001235834	0.00086071	0.00890855	0.00230985	0.000648219	0.000492837	0.00345091
607022.22	4201611.73	0.00098931	0.001261846	0.000389942	0.00264110	0.00016526	0.00010402	0.000035670	0.00030494	0.003942463	0.001932444	0.000722524	0.006597432	0.00125462	0.000774675	0.000280176	0.00230947
607474.9	4201475.93	0.00160682	0.00069668	0.000325608	0.00262911	0.00031010	0.00007715	0.000049865	0.00043712	0.007476357	0.001827694	0.00148422	0.010788271	0.00324684	0.001208199	0.001139924	0.00559496
606386.35	4201698.4	0.00013274	0.002001808	0.000480414	0.00261496	0.00002350	0.00016178	0.000040813	0.00022609	0.000563042	0.002940889	0.000752725	0.004256656	0.00020672	0.001100954	0.000203835	0.00151151
606709.84	4201695.52	0.00031662	0.001869894	0.000424642	0.00261115	0.00005379	0.00015092	0.000036638	0.00024135	0.001284856	0.0027395	0.000690034	0.00471439	0.00042758	0.001020616	0.000205567	0.00165376
607661.39	4201073.19	0.00163769	0.000644593	0.000327467	0.00260975	0.00028033	0.00005937	0.000035524	0.00037523	0.006700504	0.001227718	0.00085105	0.008779272	0.00227318	0.000642528	0.000486526	0.00340224
607684.88	4201023.63	0.00164088	0.000630725	0.000328305	0.00259991	0.00028027	0.00005804	0.000035357	0.00037367	0.006698006	0.00119918	0.000841935	0.008739121	0.00226011	0.000626524	0.000476156	0.00336279
607040.32	4201615.75	0.00100470	0.001206884	0.000382354	0.00259394	0.00016836	0.00009989	0.000035317	0.00030357	0.004017531	0.00186375	0.000723411	0.006604692	0.00128962	0.000756810	0.000290097	0.00233652
606688.39	4201702.89	0.00028246	0.001882759	0.000422977	0.00258820	0.00004819	0.00015191	0.000036431	0.00023654	0.001151624	0.00275643	0.000684539	0.004592592	0.00038750	0.001025670	0.000201894	0.00161507
606082.04	4201624.53	0.00006337	0.001917068	0.000605505	0.00258594	0.00001166	0.00015721	0.000050839	0.00021971	0.00028015	0.002904167	0.000922344	0.004106662	0.00011150	0.001144396	0.000229782	0.00148568
607661.39	4201089.71	0.00161298	0.000641625	0.000324435	0.00257904	0.00027615	0.00005904	0.000035167	0.00037036	0.006600693	0.001219726	0.000841947	0.008662366	0.00224034	0.000637169	0.000480764	0.00335828
606006.95	4201591.01	0.00006056	0.001843298	0.000671902	0.00257576	0.00001114	0.00015258	0.000056309	0.00022003	0.000267625	0.002847252	0.001018907	0.004133784	0.00010642	0.001156620	0.000250272	0.00151331
606510.05	4201720.93	0.00014968	0.001978593	0.000443555	0.00257182	0.00002635	0.00015960	0.000037826	0.00022378	0.000631138	0.002895124	0.000701307	0.004227569	0.00022888	0.001076225	0.000194710	0.00149982
606935.74	4201641.22	0.00074681	0.001418789	0.000401921	0.00256752	0.00012485	0.00011584	0.000035884	0.00027658	0.002978804	0.002129739	0.000706044	0.005814587	0.00095017	0.000826855	0.000249006	0.00202603
606603.37	4201715.64	0.00018522	0.001960899	0.000421276	0.00256740	0.00003217	0.00015805	0.000036052	0.00022627	0.000769808	0.002864445	0.00067161	0.004305864	0.00027060	0.001061688	0.000190616	0.00152291
606820.45	4201672.06	0.00048097	0.0016637	0.000417215	0.00256189	0.00008077	0.00013472	0.000036386	0.00025188	0.001927844	0.00245437	0.000695009	0.005077223	0.00062251	0.000925467	0.000219501	0.00176748
607684.88	4201040.15	0.00159897	0.000628503	0.000325383	0.00255286	0.00027328	0.00005773	0.000034976	0.00036599	0.006531237	0.001191053	0.000831534	0.008553824	0.00220720	0.000620313	0.000468929	0.00329645
607661.39	4201106.23	0.00158986	0.000638467	0.000321435	0.00254977	0.00027225	0.00005870	0.000034823	0.00036577	0.006507567	0.001211842	0.000833357	0.008552767	0.00220989	0.000632104	0.000475491	0.00331748
606957.19	4201638.54	0.00077882	0.001369144	0.000397384	0.00254535	0.00013028	0.00011201	0.000035651	0.00027794	0.003108437	0.002063668	0.000705594	0.0058777	0.00099310	0.000806592	0.000253930	0.00205362
606645.02	4201715.16	0.00022437	0.00190181	0.0004189	0.00254508	0.00003865	0.00015337	0.000035965	0.00022799	0.000924366	0.002781434	0.000672909	0.004378708	0.00031862	0.001033085	0.000194772	0.00154648
606326.76	4201698.59	0.00010723	0.001943484	0.000493141	0.00254385	0.00001918	0.00015733	0.000041760	0.00021828	0.000460039	0.002865431	0.000766754	0.004092224	0.00017287	0.001079369	0.000203154	0.00145539
606739.34	4201697.53	0.00034388	0.001778742	0.000418179	0.00254080	0.00005832	0.00014370	0.000036184	0.00023820	0.001392858	0.00261125	0.000684093	0.004688201	0.00046142	0.000976293	0.000207131	0.00164484
606550.64	4201703.09	0.00015103	0.001958319	0.000425476	0.00253482	0.00002646	0.00015788	0.000036323	0.00022067	0.000633574	0.00286219	0.000674405	0.004170169	0.00022728	0.001061844	0.000188504	0.00147762
605854.59	4201537.17	0.00004974	0.001715207	0.000768165	0.00253312	0.00000916	0.00015007	0.000064178	0.00022341	0.000220127	0.002961656	0.001156173	0.004337956	0.00008775	0.001396601	0.000277167	0.00176152
607057.74	4201619.77	0.00099786	0.001158794	0.000375505	0.00253215	0.00016787	0.00009628	0.000035000	0.00029916	0.004007127	0.001803997	0.000724324	0.006535449	0.00129996	0.000741541	0.000299166	0.00234067
607441.02	4201532.39	0.00147241	0.000714645	0.000340862	0.00252791	0.00032949	0.00009456	0.000068164	0.00049221	0.008017539	0.002469379	0.002254006	0.012740925	0.00428968	0.001849323	0.001913513	0.00805251
607684.88	4201056.67	0.00156548	0.000626011	0.000322449	0.00251394	0.00026766	0.00005742	0.000034609	0.00035969	0.006397137	0.001183087	0.000821781	0.008402005	0.00216403	0.000614526	0.000462382	0.00324094
605986.17	4201587.66	0.00005845	0.001769611	0.000679267	0.00250732	0.00001076	0.00014724	0.000056904	0.00021491	0.000258689	0.002762861	0.0010291	0.004050649	0.00010317	0.001140575	0.000252011	0.00149575
606983.34	4201639.21	0.00080068	0.001302149	0.000390127	0.00249295	0.00013421	0.00010683	0.000035239	0.00027628	0.003202689	0.001974537	0.000703228	0.005880454	0.00102886	0.000779279	0.000260111	0.00206825
607708.37	4201023.63	0.00155260	0.000610475	0.000320368	0.00248345	0.00026493	0.00005591	0.000034150	0.00035499	0.006330847	0.001150384	0.000806117	0.008287348	0.00213082	0.000595847	0.000448743	0.00317541
605904.79	4201542.52	0.00004841	0.001715757	0.00071839	0.00248256	0.00000893	0.00014620	0.000060047	0.00021518	0.000214703	0.002811326	0.001082462	0.004108492	0.00008593	0.001241847	0.000260448	0.00158822
607078.53	4201622.45	0.00100116	0.001111549	0.000369021	0.00248173	0.00016911	0.00009279	0.000034761	0.00029666	0.004037933	0.001747108	0.00072783	0.006512872	0.00132404	0.000728401	0.000310470	0.00236291
606838.55	4201678.09	0.00048300	0.00158799	0.000409277	0.00248026	0.00008123	0.00012873	0.000035783	0.00024574	0.001938898	0.002347946	0.000685737	0.004972581	0.00062845	0.000888755	0.000219389	0.00173660
607684.88	4201073.19	0.00153727	0.000623347	0.000319542	0.00248016	0.00026291	0.00005711	0.000034258	0.00035428	0.006283818	0.001175343	0.000812643	0.008271803	0.00212723	0.000609132	0.000456433	0.00319280
607355.48	4201589.24	0.00134838	0.00077333	0.000355997	0.00247770	0.00032865	0.00010664	0.000077305	0.00051260	0.008034756	0.002838835	0.002622327	0.013495918	0.00470869	0.002172183	0.002274349	0.00915522
606415.59	4201718.16	0.00013836	0.001873634	0.000460906	0.00247290	0.00002449	0.00015150	0.000039239	0.00021523	0.00058685	0.002755468	0.000725794	0.004068112	0.00021544	0.001033418	0.000199296	0.00144816
607499.22	4201472.89	0.00148385	0.000670638	0.000315394	0.00246988	0.00028041	0.00007110	0.000044775	0.00039628	0.006750754	0.001636993	0.00128299	0.009670737	0.00282547	0.001037482	0.000945093	0.00480805
606763.47	4201701.55	0.00035799	0.001695681	0.000410546	0.00246422	0.00006069	0.00013711	0.000035608	0.00023341	0.001449603	0.002493938	0.000675298	0.004618839	0.00047989	0.000935448	0.000207146	0.00162249
607684.88	4201089.71	0.00151219	0.000620479	0.000316648	0.00244931	0.00025869	0.00005679	0.000033919	0.00034940	0.006182994	0.001167722	0.000804024	0.008154739	0.00209445	0.000604058	0.000451006	0.00314951
606059.25	4201628.55	0.00005963	0.001776363	0.000600713	0.00243671	0.00001102	0.00014641	0.000050422	0.00020785	0.000264831	0.002719443	0.000914396	0.00389867	0.00010626	0.001089567	0.000227297	0.00142312
607708.37	4201040.15	0.00150970	0.000608245	0.000317569	0.00243551	0.00025780	0.00005561	0.000033788	0.00034720	0.0061608	0.00114255	0.000796272	0.008099622	0.00207747	0.000589944	0.000441939	0.00310935
607006.8	4201642.56	0.00080804	0.001240004	0.00038256	0.00243060	0.00013584	0.00010205	0.000034804	0.00027269	0.003242279	0.001892455	0.000700473	0.005835207	0.00104976	0.000754556	0.000266261	0.00207057
606600.47	4201735.01	0.00017928	0.001833629	0.000413446	0.00242635	0.00003128	0.00014794	0.000035427	0.00021465	0.000748802	0.002684167	0.00066109	0.004094059	0.00026609	0.000998562	0.000189091	0.00145374
607684.88	4201106.23	0.00148889	0.000617419	0.000313774	0.00242008	0.00025478	0.00005646	0.000033592	0.00034483	0.006089531	0.001160185	0.000795876	0.008045593	0.00206421	0.000599255	0.000446037	0.00310950
606861.34	4201681.44	0.00049833	0.001513023	0.000402609	0.00241396	0.00008389	0.00012282	0.000035324	0.00024204	0.00200254	0.002243805	0.000679982	0.004926326	0.00065074	0.000853675	0.000221386	0.00172581
607099.31	4201628.48	0.00098763	0.001063441	0.000361844	0.00241291	0.00016775	0.00008926	0.000034496	0.00029150	0.004007142	0.001690154	0.000731707	0.006429002	0.00133294	0.000716020	0.000322977	0.00237193
606373.59	4201720.63	0.00011926	0.001824935	0.000467658	0.00241185	0.00002126	0.00014772	0.000039717	0.00020870	0.000509766	0.002690077	0.000732215	0.003932058	0.00019012	0.001012947	0.000197885	0.00140096
606646.47	4201734.05	0.00021504	0.001777089	0.000409189	0.00240132	0.00003722	0.00014346	0.000035181	0.00021586	0.000890404	0.002604381	0.00065948	0.004154265	0.00031041	0.000970828	0.000192489	0.00147373
607118.75	4201626.47	0.00101141	0.001030895	0.000357705	0.00240001	0.00017241	0.00008700	0.000034521	0.00029393	0.00411962	0.001656793	0.00074175	0.006518163	0.00138304	0.000712948	0.000338220	0.00243420
607708.37	4201056.67	0.00147553	0.000605813	0.000314773	0.00239612	0.00025209	0.00005531	0.000033439	0.00034084	0.006024622	0.00113492	0.000787033	0.007946575	0.00203410	0.000584444	0.000435757	0.00305430
607461	4201530.65	0.00138250	0.000686838	0.000326174	0.00239551	0.00029246	0.00008343	0.000057441	0.00043333	0.007092816	0.002085948	0.001815335	0.0109941	0.00353743	0.001482569	0.001479792	0.00649979
606788.27	4201705.57	0.00036966	0.001614952	0.000402457	0.00238707	0.00006267	0.00013071	0.000034991	0.00022837	0.001496965	0.002379909	0.000665727	0.0045426	0.00049567	0.000895739	0.000206906	0.00159832
607427.56	4201582.75	0.00130032	0.000719263	0.000356876	0.00237646	0.00035456	0.00011547	0.000091403	0.00056143	0.008716733	0.00326819	0.003238878	0.015223802	0.00563193	0.002664422	0.002907406	0.01120376
606508.93	4201744.7	0.00015211	0.001783373	0.000431844	0.00236733	0.00002684	0.00014409	0.000036898	0.00020782	0.000642922	0.002618445	0.00068587	0.003947238	0.00023431	0.000979242	0.000192736	0.00140628
606550.58	4201746.15	0.00015919	0.001785896	0.000420868	0.00236595	0.00002801	0.00014421	0.000036007	0.00020822	0.000670819	0.002618874	0.000670517	0.00396021	0.00024294	0.000977267	0.000189976	0.00141018
607138.86	4201627.81	0.00101784	0.000994067	0.000352374	0.00236428	0.00017451	0.00008449	0.000034532	0.00029353	0.004171783	0.001620394	0.000753756	0.006545933	0.00142109	0.000710859	0.000356895	0.00248885
607027.58	4201648.59	0.00079887	0.001183368	0.000374918	0.00235715	0.00013479	0.00009769	0.000034342	0.00026682	0.003218219	0.001817572	0.000696727	0.005732517	0.00105219	0.000731945	0.000271481	0.00205562
607441.46	4201563.66	0.00131349	0.00070066	0.00033942	0.00235357	0.00031577	0.00009796	0.000072866	0.00048660	0.00771427	0.002623728	0.002463383	0.012801381	0.00446000	0.002021059	0.002130560	0.00861161
606876.75	4201686.8	0.00050172	0.001454614	0.000396759	0.00235309	0.00008460	0.00011822	0.000034910	0.00023773	0.002019668	0.002162686	0.000674444	0.004856799	0.00065913	0.000826364	0.000222634	0.00170813
607517.46	4201473.76	0.00138902	0.000651244	0.000308272	0.00234853	0.00026001	0.00006746	0.000041959	0.00036943	0.006255578	0.00152873	0.001174806	0.008959115	0.00257308	0.000944976	0.000842284	0.00436034
607156.28	4201627.14	0.00103173	0.00096595	0.000348484	0.00234616	0.00017781	0.00008267	0.000034666	0.00029515	0.004252299	0.001596576	0.000768028	0.006616904	0.00146708	0.000713337	0.000376192	0.00255661
607223.32	4201616.42	0.00112329	0.000878205	0.000337786	0.00233928	0.00019865	0.00007812	0.000036407	0.00031317	0.004759846	0.001565695	0.000867526	0.007193067	0.00174393	0.000765647	0.000491222	0.00300080
606207.68	4201693.98	0.00007133	0.001758543	0.000503191	0.00233306	0.00001308	0.00014330	0.000042425	0.00019881	0.000314205	0.002629032	0.000774262	0.003717499	0.00012422	0.001013870	0.000198945	0.00133704
606159.41	4201679.23	0.00006414	0.001738644	0.000520711	0.00232349	0.00001183	0.00014215	0.000043834	0.00019782	0.000284417	0.002617408	0.000798213	0.003700038	0.00011381	0.001020994	0.000202780	0.00133758
607177.06	4201627.81	0.00103987	0.000932385	0.0003436	0.00231585	0.00018066	0.00008059	0.000034911	0.00029617	0.004323044	0.001571954	0.000789325	0.006684323	0.00152055	0.000720206	0.000403893	0.00264465
607196.5	4201624.46	0.00106726	0.000907292	0.000340551	0.00231511	0.00018674	0.00007926	0.000035378	0.00030138	0.004470795	0.001561966	0.000816397	0.006849158	0.00159877	0.000733979	0.000435355	0.00276810
605964.05	4201596.37	0.00005637	0.001570153	0.000672832	0.00229935	0.00001041	0.00013209	0.000056363	0.00019887	0.00025032	0.00250724	0.001019241	0.003776801	0.00010044	0.001069253	0.000249511	0.00141920
607270.25	4201614.91	0.00114718	0.00082081	0.000331058	0.00229905	0.00021094	0.00007686	0.000039401	0.00032720	0.005068651	0.001611742	0.001013367	0.00769376	0.00201490	0.000867828	0.000649200	0.00353193
606602.4	4201753.42	0.00017919	0.001710482	0.000407441	0.00229711	0.00003136	0.00013816	0.000034970	0.00020449	0.000750945	0.00250996	0.000653996	0.003914901	0.00026879	0.000937717	0.000188924	0.00139543
606388.41	4201737.51	0.00011996	0.001722081	0.000453329	0.00229537	0.00002142	0.00013948	0.000038548	0.00019945	0.000513539	0.002541724	0.000711884	0.003767146	0.00019212	0.000959202	0.000193984	0.00134531
606898.2	4201691.5	0.00051568	0.001385892	0.000390099	0.00229167	0.00008711	0.00011285	0.000034481	0.00023444	0.00207994	0.00206862	0.000670014	0.004818574	0.00068207	0.000795641	0.000225984	0.00170370
606252.92	4201711.54	0.00007882	0.001728308	0.000484212	0.00229133	0.00001438	0.00014057	0.000040897	0.00019584	0.00034523	0.002573536	0.000748219	0.003666985	0.00013505	0.000985878	0.000194692	0.00131562
607050.37	4201654.63	0.00079177	0.001126486	0.000366957	0.00228521	0.00013419	0.00009335	0.000033902	0.00026144	0.003204916	0.001744047	0.000694614	0.005643577	0.00106008	0.000710963	0.000278758	0.00204980
606815.75	4201713.62	0.00037563	0.001515617	0.000391667	0.00228292	0.00006378	0.00012283	0.000034163	0.00022077	0.001523557	0.002239749	0.000652679	0.004415985	0.00050638	0.000847031	0.000206296	0.00155971
607305.12	4201612.97	0.00116571	0.000784642	0.000329322	0.00227968	0.00022702	0.00007911	0.000044747	0.00035088	0.005476647	0.001758323	0.001251666	0.008486636	0.00241490	0.001052830	0.000896343	0.00436408
606037.79	4201634.59	0.00005679	0.001626499	0.000595861	0.00227914	0.00001053	0.00013492	0.000050005	0.00019546	0.000253155	0.002523444	0.000906587	0.003683186	0.00010228	0.001031942	0.000225025	0.00135925
607482.71	4201528.05	0.00130157	0.000661788	0.00031464	0.00227800	0.00026422	0.00007540	0.000050054	0.00038967	0.006391307	0.001817598	0.001516203	0.009725108	0.00300776	0.001231240	0.001185839	0.00542484
607355.97	4201619.75	0.00117548	0.000750502	0.000345713	0.00227169	0.00029312	0.00010167	0.000073088	0.00046788	0.007174716	0.00268464	0.002459545	0.012318901	0.00429672	0.002035842	0.002119143	0.00845170
606650.35	4201752.93	0.00021014	0.001659162	0.000401162	0.00227047	0.00003653	0.00013408	0.000034550	0.00020516	0.00087405	0.00243731	0.000649158	0.003960518	0.00030776	0.000912309	0.000191402	0.00141147
606923.68	4201691.5	0.00054388	0.001324965	0.000384175	0.00225302	0.00009198	0.00010813	0.000034151	0.00023426	0.002196359	0.001986962	0.000668333	0.004851655	0.00072237	0.000770187	0.000231289	0.00172384
606456.22	4201751.23	0.00014453	0.001674733	0.000432522	0.00225178	0.00002562	0.00013557	0.000036949	0.00019814	0.000613968	0.002468831	0.000686642	0.003769441	0.00022612	0.000929742	0.000192725	0.00134858
605814.67	4201534.29	0.00004527	0.001449275	0.000755655	0.00225019	0.00000836	0.00013585	0.000063104	0.00020731	0.000200921	0.002851141	0.001136086	0.004188148	0.00008054	0.001537777	0.000271360	0.00188968
606269.15	4201720.69	0.00008108	0.00169393	0.000474871	0.00224988	0.00001477	0.00013773	0.000040139	0.00019264	0.000354755	0.002520699	0.000735122	0.003610576	0.00013847	0.000964579	0.000192311	0.00129536
607076.51	4201655.3	0.00081418	0.001074454	0.000360055	0.00224869	0.00013861	0.00008953	0.000033690	0.00026183	0.003311719	0.001682462	0.000700214	0.005694394	0.00110819	0.000697587	0.000292711	0.00209849
606431.64	4201749.04	0.00013478	0.001672582	0.000437753	0.00224511	0.00002397	0.00013544	0.000037342	0.00019675	0.00057464	0.002467521	0.000692581	0.003734741	0.00021323	0.000930457	0.000192623	0.00133631
606697.33	4201750.03	0.00024483	0.00160244	0.00039556	0.00224283	0.00004229	0.00012960	0.000034190	0.00020607	0.00101144	0.002357667	0.000645474	0.004014581	0.00035082	0.000884897	0.000194264	0.00142998
606300.16	4201729.9	0.00008787	0.001682672	0.000466905	0.00223745	0.00001594	0.00013667	0.000039517	0.00019213	0.000382771	0.002498175	0.000725068	0.003606014	0.00014816	0.000952248	0.000191428	0.00129184
606720.09	4201748.57	0.00026048	0.0015703	0.000392077	0.00222286	0.00004488	0.00012705	0.000033946	0.00020588	0.0010733	0.002312375	0.000642293	0.004027967	0.00037008	0.000869195	0.000195127	0.00143440
606947.14	4201691.5	0.00056545	0.001272418	0.000378703	0.00221658	0.00009575	0.00010406	0.000033842	0.00023365	0.002286716	0.001916751	0.000666604	0.004870072	0.00075467	0.000748455	0.000236007	0.00173914
605935.89	4201593.02	0.00005388	0.001480607	0.000680432	0.00221492	0.00000997	0.00012604	0.000056973	0.00019299	0.000239746	0.002421422	0.0010296	0.003690768	0.00009653	0.001066926	0.000251143	0.00141460
606018.35	4201631.9	0.00005661	0.001549774	0.000608383	0.00221477	0.00001050	0.00012922	0.000051041	0.00019076	0.000252408	0.002429868	0.000924993	0.00360727	0.00010200	0.001009382	0.000229090	0.00134047
607462.74	4201564.09	0.00122285	0.000668693	0.000321481	0.00221303	0.00027252	0.00008411	0.000059321	0.00041595	0.006629644	0.002142067	0.001907927	0.010679637	0.00352992	0.001557511	0.001580591	0.00666802
607099.98	4201657.98	0.00083170	0.001027441	0.000353291	0.00221244	0.00014233	0.00008614	0.000033521	0.00026200	0.003401992	0.001629248	0.000707422	0.005738662	0.00115346	0.000687996	0.000308153	0.00214961
606839.22	4201718.98	0.00038485	0.001441704	0.000384242	0.00221079	0.00006542	0.00011699	0.000033622	0.00021604	0.00156295	0.002136353	0.000645005	0.004344308	0.00052108	0.000811705	0.000207218	0.00154000
606400.76	4201753.16	0.00012054	0.001631146	0.000440757	0.00219244	0.00002155	0.00013220	0.000037525	0.00019127	0.000516817	0.002410735	0.000694124	0.003621677	0.00019396	0.000911863	0.000190644	0.00129647
607121.43	4201658.65	0.00085156	0.000988563	0.000347725	0.00218785	0.00014666	0.00008349	0.000033550	0.00026370	0.003507114	0.001591212	0.000720689	0.005819015	0.00120793	0.000686188	0.000328407	0.00222252
607221.31	4201641.89	0.00099406	0.000857159	0.000331196	0.00218241	0.00017773	0.00007629	0.000035700	0.00028972	0.004261927	0.001529883	0.000850736	0.006642546	0.00159928	0.000749053	0.000481776	0.00283011
606749.63	4201747.12	0.00027385	0.001523379	0.000384262	0.00218149	0.00004708	0.00012330	0.000033328	0.00020371	0.001125626	0.00224526	0.00063207	0.004002956	0.00038595	0.000845255	0.000193891	0.00142510
607146.9	4201656.64	0.00089164	0.000947514	0.000341988	0.00218114	0.00015481	0.00008091	0.000033817	0.00026953	0.003704178	0.001559177	0.000744801	0.006008155	0.00130083	0.000692616	0.000360015	0.00235346
605907.73	4201585.65	0.00005169	0.001435263	0.000693185	0.00218013	0.00000958	0.00012382	0.000058009	0.00019141	0.000230205	0.00241058	0.001047524	0.003688309	0.00009285	0.001099207	0.000254437	0.00144650
607507.9	4201522.4	0.00122872	0.000637668	0.000304577	0.00217097	0.00024089	0.00006887	0.000044309	0.00035407	0.005813829	0.00160547	0.001285883	0.008705182	0.00259180	0.001036701	0.000960909	0.00458941
606973.28	4201692.84	0.00058448	0.001213872	0.00037205	0.00217040	0.00009919	0.00009955	0.000033465	0.00023220	0.002369307	0.001839059	0.00066446	0.004872826	0.00078645	0.000724790	0.000241700	0.00175294
607430.39	4201618.1	0.00113174	0.000691026	0.000344371	0.00216714	0.00031904	0.00010979	0.000086719	0.00051556	0.007855622	0.003096026	0.00306043	0.014012078	0.00520484	0.002514824	0.002738724	0.01045838
606121.87	4201679.23	0.00005721	0.001585235	0.000519159	0.00216160	0.00001064	0.00013037	0.000043666	0.00018467	0.000255768	0.002415959	0.000794172	0.003465899	0.00010387	0.000961170	0.000200465	0.00126551
607171.03	4201655.3	0.00091172	0.000911531	0.000336899	0.00216015	0.00015984	0.00007876	0.000034165	0.00027276	0.003827407	0.001535401	0.000771074	0.006133882	0.00137498	0.000702667	0.000393077	0.00247073
605760.53	4201505.91	0.00004366	0.001308642	0.000799802	0.00215210	0.00000803	0.00015714	0.000066729	0.00023189	0.000192835	0.003904108	0.001199765	0.005296708	0.00007660	0.002752659	0.000284443	0.00311370
606866.7	4201722.33	0.00040006	0.00137002	0.000377202	0.00214729	0.00006809	0.00011135	0.000033140	0.00021258	0.001626663	0.002037037	0.000639074	0.004302774	0.00054384	0.000778432	0.000209476	0.00153175
607272.19	4201641.54	0.00100875	0.000797055	0.000323919	0.00212973	0.00018891	0.00007495	0.000038794	0.00030265	0.004545017	0.00157731	0.001002184	0.007124511	0.00187091	0.000855242	0.000646173	0.00337233
607193.82	4201656.64	0.00091784	0.000878836	0.000332116	0.00212879	0.00016267	0.00007687	0.000034548	0.00027410	0.003898482	0.001516686	0.000798204	0.006213372	0.00143536	0.000714763	0.000426658	0.00257678
606999.43	4201694.18	0.00060121	0.001158972	0.000365448	0.00212563	0.00010230	0.00009534	0.000033107	0.00023075	0.002444126	0.00176711	0.000663009	0.004874245	0.00081683	0.000703527	0.000248045	0.00176841
606889.49	4201720.32	0.00042397	0.001327063	0.000374294	0.00212533	0.00007215	0.00010802	0.000033010	0.00021318	0.001723759	0.001979183	0.000639638	0.00434258	0.00057621	0.000760198	0.000213507	0.00154991
607303.67	4201638.15	0.00103439	0.000767398	0.000322837	0.00212463	0.00020419	0.00007697	0.000043389	0.00032455	0.004930237	0.001704071	0.001206091	0.007840399	0.00222234	0.001013677	0.000857169	0.00409319
607352.58	4201646.39	0.00105250	0.000733699	0.000337154	0.00212336	0.00026615	0.00009742	0.000069274	0.00043284	0.0065192	0.002548451	0.002310713	0.011378363	0.00395434	0.001912206	0.001976235	0.00784278
606289.5	4201742.98	0.00008235	0.001578389	0.000454554	0.00211529	0.00001502	0.00012841	0.000038474	0.00018190	0.00036066	0.002351487	0.000705956	0.003418103	0.00014105	0.000901578	0.000186433	0.00122906
607483.15	4201562.79	0.00115749	0.000644479	0.000309666	0.00211164	0.00024536	0.00007560	0.000051332	0.00037230	0.005951279	0.001853991	0.001582989	0.009388259	0.00297617	0.001285146	0.001260431	0.00552175
607558.28	4201479.41	0.00120075	0.000610307	0.000293763	0.00210481	0.00022178	0.00006094	0.000037284	0.00032000	0.005330878	0.001344584	0.001001076	0.007676538	0.00213778	0.000795243	0.000680834	0.00361386
605998.91	4201636.6	0.00005488	0.00142972	0.000606185	0.00209078	0.00001020	0.00012017	0.000050849	0.00018122	0.000245283	0.002278812	0.000921339	0.003445435	0.00009956	0.000969329	0.000227941	0.00129683
606095.72	4201675.21	0.00005385	0.001511975	0.000523302	0.00208913	0.00001005	0.00012490	0.000043987	0.00017894	0.000241734	0.002325625	0.00079931	0.003366669	0.00009887	0.000938619	0.000200833	0.00123832
606773.36	4201751.96	0.00027495	0.001438979	0.000374142	0.00208807	0.00004728	0.00011657	0.000032502	0.00019635	0.00113052	0.002124457	0.00061768	0.003872657	0.00038793	0.000802110	0.000191104	0.00138115
607509.64	4201539.77	0.00115777	0.000627648	0.000301321	0.00208674	0.00023031	0.00006835	0.000044332	0.00034299	0.005563911	0.001601753	0.001293922	0.008459586	0.00253883	0.001042479	0.000973042	0.00455435
605679.28	4201449.87	0.00004864	0.001025781	0.001006665	0.00208108	0.00000881	0.00010230	0.000083868	0.00019498	0.00021144	0.002255336	0.001504792	0.003971568	0.00008154	0.001331904	0.000352578	0.00176602
606202.98	4201718.78	0.00006454	0.001538524	0.000473897	0.00207696	0.00001193	0.00012582	0.000039970	0.00017772	0.000286866	0.002317213	0.000729819	0.003333898	0.00011527	0.000904575	0.000188014	0.00120786
607218.63	4201662	0.00090127	0.000842684	0.000326393	0.00207034	0.00016232	0.00007488	0.000035025	0.00027222	0.003894492	0.001499262	0.000831505	0.00622526	0.00148425	0.000731494	0.000467700	0.00268344
606411.88	4201772.51	0.00012124	0.001519822	0.000426156	0.00206722	0.00002172	0.00012330	0.000036339	0.00018136	0.000520972	0.002251007	0.000673649	0.003445628	0.00019637	0.000854555	0.000186919	0.00123784
607024.23	4201700.21	0.00059998	0.001101987	0.000357596	0.00205957	0.00010253	0.00009095	0.000032633	0.00022611	0.002450329	0.001691781	0.000659149	0.004801258	0.00082778	0.000680793	0.000253396	0.00176197
606330.59	4201761.12	0.00009260	0.001521128	0.000442071	0.00205580	0.00001680	0.00012365	0.000037504	0.00017796	0.000403374	0.002262477	0.000690396	0.003356248	0.00015615	0.000865073	0.000185251	0.00120647
606154.05	4201702.02	0.00005785	0.001503789	0.00048948	0.00205111	0.00001076	0.00012352	0.000041217	0.00017550	0.000258846	0.002285768	0.000750857	0.003295471	0.00010527	0.000905565	0.000191151	0.00120199
606922.34	4201725.01	0.00043621	0.001247689	0.000364978	0.00204888	0.00007442	0.00010180	0.000032376	0.00020860	0.00177844	0.001870188	0.000631938	0.004280566	0.00059840	0.000724355	0.000216648	0.00153940
606940.44	4201723.67	0.00045422	0.001215511	0.000362421	0.00203215	0.00007754	0.00009932	0.000032270	0.00020913	0.001852968	0.001827722	0.000632805	0.004313494	0.00062434	0.000711589	0.000220575	0.00155650
607350.64	4201670.12	0.00096965	0.000721176	0.000333656	0.00202448	0.00025639	0.00009776	0.000070408	0.00042455	0.006294001	0.002582067	0.002368022	0.01124409	0.00396755	0.001958681	0.002039329	0.00796556
607299.31	4201658.98	0.00094649	0.000755828	0.000317974	0.00202029	0.00018870	0.00007545	0.000042350	0.00030650	0.004559144	0.0016646	0.001171008	0.007394752	0.00208743	0.000984258	0.000826861	0.00389855
607268.31	4201663.82	0.00091199	0.000783303	0.000318737	0.00201403	0.00017249	0.00007345	0.000037930	0.00028387	0.004152866	0.001542008	0.000975465	0.006670339	0.00174082	0.000832188	0.000624847	0.00319786
607579.99	4201477.67	0.00113224	0.00059243	0.0002875	0.00201217	0.00020755	0.00005820	0.000035367	0.00030112	0.004986109	0.001268428	0.000930508	0.007185045	0.00197005	0.000734224	0.000615692	0.00331997
606800	4201757.78	0.00028214	0.001355837	0.000365176	0.00200316	0.00004855	0.00010996	0.000031810	0.00019032	0.001160839	0.0020068	0.000606701	0.003774339	0.00039892	0.000760987	0.000190456	0.00135036
607044.34	4201706.91	0.00059232	0.001056098	0.000350785	0.00199921	0.00010166	0.00008742	0.000032216	0.00022130	0.002430487	0.001631338	0.000655572	0.004717397	0.00083010	0.000662708	0.000257803	0.00175061
605850.75	4201582.29	0.00004665	0.001259129	0.000692489	0.00199827	0.00000868	0.00011470	0.000057910	0.00018129	0.000208623	0.002348914	0.001044664	0.0036022	0.00008476	0.001204541	0.000252322	0.00154162
606430	4201786.92	0.00012549	0.001448736	0.000414117	0.00198834	0.00002250	0.00011760	0.000035383	0.00017548	0.00053957	0.002148325	0.000657715	0.003345609	0.00020364	0.000817257	0.000184824	0.00120572

606070.25	4201675.21	0.00005088	0.001413762	0.000523691	0.00198834	0.00000953	0.00011750	0.000044000	0.00017103	0.000229344	0.002202122	0.000799033	0.003230499	0.00009446	0.000905926	0.000200086	0.00120047
607510.51	4201563.23	0.00107422	0.000615617	0.000297388	0.00198723	0.00021822	0.00006785	0.000044500	0.00033057	0.005278903	0.001602467	0.001309818	0.008191187	0.00248686	0.001054727	0.000994059	0.00453565
607455.14	4201620.93	0.00102483	0.000645846	0.000315493	0.00198617	0.00025167	0.00008645	0.000063266	0.00040139	0.006155311	0.00227005	0.002093924	0.010519285	0.00363349	0.001710682	0.001778990	0.00712316
606967.25	4201725.68	0.00046891	0.001160686	0.000356148	0.00198575	0.00008023	0.00009508	0.000031899	0.00020721	0.001917646	0.00175438	0.000630108	0.004302134	0.00064987	0.000688826	0.000225247	0.00156395
606346.36	4201775.32	0.00009672	0.001453493	0.000432964	0.00198318	0.00001754	0.00011820	0.000036782	0.00017252	0.000420926	0.00216369	0.000678377	0.003262993	0.00016264	0.000828467	0.000183699	0.00117481
607067.8	4201707.58	0.00061100	0.00101543	0.000345308	0.00197173	0.00010531	0.00008443	0.000032044	0.00022179	0.002518382	0.001583174	0.00065988	0.004761436	0.00086897	0.000652224	0.000268736	0.00178993
606276.42	4201759.93	0.00007650	0.001452324	0.000440566	0.00196939	0.00001404	0.00011843	0.000037292	0.00016975	0.000337195	0.002174204	0.000684348	0.003195747	0.00013346	0.000840371	0.000180816	0.00115465
605905.72	4201609.78	0.00005067	0.001241093	0.000659682	0.00195144	0.00000943	0.00010864	0.000055238	0.00017330	0.000226668	0.002144831	0.000998319	0.003369817	0.00009215	0.001012433	0.000243604	0.00134818
607438.52	4201654.18	0.00096672	0.000652341	0.000322942	0.00194200	0.00026555	0.00009603	0.000073546	0.00043513	0.006530778	0.002628728	0.002528811	0.011688317	0.00424377	0.002072442	0.002217412	0.00853362
606994.73	4201727.69	0.00048233	0.00110784	0.000349596	0.00193976	0.00008276	0.00009101	0.000031522	0.00020529	0.001978501	0.001684475	0.000627714	0.004290689	0.00067523	0.000667694	0.000230564	0.00157348
607425.67	4201675.37	0.00094512	0.000662185	0.000332189	0.00193950	0.00028588	0.00010612	0.000084244	0.00047624	0.007060671	0.003001878	0.002978138	0.013040688	0.00491040	0.002445842	0.002668551	0.01002479
607346.28	4201693.85	0.00089411	0.000708879	0.00032872	0.00193171	0.00024382	0.00009656	0.000069764	0.00041014	0.005994277	0.002556023	0.00235041	0.01090071	0.00387321	0.001943732	0.002027074	0.00784402
607598.67	4201478.97	0.00107112	0.000576692	0.000282015	0.00192983	0.00019552	0.00005604	0.000033945	0.00028550	0.004695745	0.00121089	0.000879956	0.006786592	0.00183980	0.000690260	0.000570213	0.00310027
605972.76	4201645.31	0.00004981	0.00129236	0.000587153	0.00192932	0.00000931	0.00011015	0.000049239	0.00016870	0.000224084	0.002118562	0.0008918	0.003234445	0.00009201	0.000936408	0.000220155	0.00124857
607114.05	4201708.25	0.00064761	0.000941901	0.000334952	0.00192446	0.00011285	0.00007923	0.000031907	0.00022399	0.002700979	0.001503659	0.000676203	0.004880841	0.00095675	0.000641031	0.000297817	0.00189560
607093.27	4201712.28	0.00061624	0.000968738	0.000338269	0.00192324	0.00010691	0.00008100	0.000031783	0.00021970	0.002558012	0.001527852	0.000663636	0.0047495	0.00089674	0.000640163	0.000280955	0.00181786
607564.36	4201522.4	0.00105028	0.000586236	0.000285584	0.00192210	0.00019829	0.00005918	0.000036783	0.00029426	0.004773563	0.001316611	0.000996757	0.007086931	0.00199464	0.000789585	0.000686101	0.00347032
607299.31	4201681.26	0.00086878	0.000739298	0.000313024	0.00192110	0.00017748	0.00007458	0.000042413	0.00029447	0.004294863	0.001658133	0.001184492	0.007137489	0.00204004	0.000993447	0.000846605	0.00388010
606357.41	4201787.15	0.00010049	0.001394892	0.000424407	0.00191979	0.00001820	0.00011350	0.000036102	0.00016780	0.000436951	0.002078698	0.000667021	0.00318267	0.00016854	0.000797365	0.000182179	0.00114809
606822.76	4201767.46	0.00028566	0.001276958	0.000356784	0.00191941	0.00004926	0.00010372	0.000031180	0.00018416	0.001178162	0.001895934	0.000597187	0.003671283	0.00040709	0.000722752	0.000190635	0.00132047
605829.3	4201579.61	0.00004411	0.001178812	0.000686649	0.00190957	0.00000822	0.00011162	0.000057404	0.00017724	0.000197654	0.002362472	0.001035062	0.003595188	0.00008057	0.001295332	0.000249379	0.00162529
607134.16	4201710.27	0.00066246	0.00090926	0.00032999	0.00190171	0.00011633	0.00007706	0.000031965	0.00022536	0.002785987	0.001473799	0.000689483	0.00494927	0.00100467	0.000641642	0.000317366	0.00196367
607161.65	4201706.91	0.00070061	0.000873508	0.000325107	0.00189922	0.00012445	0.00007501	0.000032421	0.00023189	0.002983044	0.001453585	0.000720055	0.005156684	0.00110379	0.000655128	0.000354605	0.00211353
607475.65	4201620.23	0.00097256	0.000620432	0.000302096	0.00189509	0.00022283	0.00007638	0.000053573	0.00035278	0.005429562	0.001923401	0.001697659	0.009050621	0.00298417	0.001379373	0.001387351	0.00575089
607265.41	4201691.43	0.00081619	0.000763846	0.000312298	0.00189233	0.00015701	0.00007180	0.000037292	0.00026611	0.003784688	0.001510492	0.000961389	0.006256569	0.00163465	0.000818481	0.000618014	0.00307114
605652.36	4201436.02	0.00004723	0.000815727	0.001027779	0.00189074	0.00000854	0.00007654	0.000085598	0.00017067	0.0002049	0.001607792	0.001535059	0.003347752	0.00007870	0.000868641	0.000358642	0.00130598
607016.85	4201734.4	0.00048154	0.001058415	0.000342331	0.00188229	0.00008298	0.00008719	0.000031063	0.00020123	0.001984347	0.00161875	0.00062327	0.004226367	0.00068434	0.000647577	0.000234619	0.00156653
607190.47	4201708.25	0.00072037	0.000834743	0.000319228	0.00187434	0.00012999	0.00007285	0.000032936	0.00023578	0.003119328	0.001434155	0.000755315	0.005308797	0.00119367	0.000672300	0.000397848	0.00226382
607044.34	4201729.71	0.00051267	0.001022301	0.000339178	0.00187415	0.00008852	0.00008454	0.000031053	0.00020411	0.002117325	0.001575859	0.000629629	0.004322813	0.00073389	0.000638143	0.000244901	0.00161693
607209.24	4201706.24	0.00073858	0.000813627	0.000316437	0.00186865	0.00013495	0.00007197	0.000033569	0.00024049	0.003241317	0.001435078	0.000789123	0.005465519	0.00127245	0.000693460	0.000435931	0.00240184
606852.3	4201771.34	0.00030009	0.001216264	0.000350664	0.00186702	0.00005181	0.00009896	0.000030778	0.00018154	0.001239069	0.001812271	0.000592747	0.003644087	0.00042924	0.000695018	0.000193334	0.00131759
607563.06	4201541.51	0.00100094	0.000579092	0.000283195	0.00186323	0.00019129	0.00005894	0.000036937	0.00028718	0.004608957	0.001319161	0.001008684	0.006936802	0.00196812	0.000799040	0.000701204	0.00346836
607417.02	4201708.46	0.00087426	0.000655046	0.000331216	0.00186052	0.00028358	0.00010907	0.000087911	0.00048056	0.007023775	0.00312719	0.003141097	0.013292062	0.00509716	0.002581237	0.002837304	0.01051570
606314.81	4201788.73	0.00008528	0.00134697	0.000423073	0.00185532	0.00001559	0.00010983	0.000035909	0.00016133	0.000374448	0.002016254	0.000661454	0.003052157	0.00014714	0.000779174	0.000178037	0.00110435
605954.66	4201647.32	0.00004740	0.001221408	0.000581528	0.00185033	0.00000889	0.00010522	0.000048755	0.00016286	0.000213865	0.00204538	0.000882712	0.003141958	0.00008827	0.000929247	0.000217486	0.00123500
606876.03	4201770.85	0.00031606	0.00118524	0.000347571	0.00184887	0.00005458	0.00009656	0.000030619	0.00018175	0.001305394	0.001770897	0.000592475	0.003668766	0.00045252	0.000682267	0.000196727	0.00133151
607340.96	4201720	0.00082090	0.000695628	0.000323366	0.00183990	0.00023153	0.00009525	0.000069047	0.00039582	0.005701004	0.002527246	0.002330517	0.010558767	0.00377864	0.001926893	0.002012972	0.00771850
606269.72	4201778.05	0.00007284	0.001340139	0.000426396	0.00183937	0.00001343	0.00010951	0.000036107	0.00015904	0.000322665	0.002015196	0.000662943	0.003000803	0.00012889	0.000784627	0.000175623	0.00108914
607623.86	4201478.54	0.00100241	0.000557466	0.000275308	0.00183518	0.00018196	0.00005346	0.000032285	0.00026771	0.004368298	0.001143414	0.000821617	0.006333328	0.00169223	0.000639438	0.000518176	0.00284984
606048.12	4201685.26	0.00004819	0.001258696	0.000513961	0.00182085	0.00000907	0.00010561	0.000043178	0.00015786	0.000218202	0.001999069	0.000783998	0.003001269	0.00009060	0.000846042	0.000196173	0.00113281
606900.73	4201772.79	0.00033078	0.00114519	0.000343685	0.00181965	0.00005720	0.00009346	0.000030415	0.00018107	0.00136819	0.001717388	0.000591892	0.00367747	0.00047586	0.000665709	0.000200740	0.00134230
607294.46	4201707.41	0.00078619	0.000724299	0.000307365	0.00181786	0.00016356	0.00007307	0.000041614	0.00027825	0.003962643	0.001624793	0.001161625	0.006749062	0.00193180	0.000973600	0.000829805	0.00373520
606925.43	4201770.37	0.00035121	0.001117679	0.000341547	0.00181043	0.00006075	0.00009137	0.000030365	0.00018248	0.001453207	0.001682185	0.000594342	0.003729734	0.00050582	0.000655928	0.000205796	0.00136754
607262.5	4201714.67	0.00074867	0.000747932	0.000307091	0.00180369	0.00014621	0.00007050	0.000036829	0.00025354	0.003527781	0.001486661	0.00095233	0.005966772	0.00156273	0.000809265	0.000614878	0.00298688
606194.94	4201745.6	0.00005802	0.001300641	0.000443146	0.00180181	0.00001083	0.00010691	0.000037392	0.00015513	0.000260431	0.001980022	0.00068316	0.002923612	0.00010649	0.000786349	0.000176531	0.00106937
607463.02	4201659.05	0.00088562	0.000614726	0.00030133	0.00180167	0.00021810	0.00007948	0.000057307	0.00035489	0.005335027	0.002052591	0.001863109	0.009250727	0.00315778	0.001517375	0.001558419	0.00623357
607073.16	4201742.44	0.00050926	0.000959179	0.000330058	0.00179850	0.00008874	0.00007979	0.000030614	0.00019915	0.00212398	0.001496822	0.000630078	0.00425088	0.00075236	0.000617479	0.000256189	0.00162602
607563.93	4201561.49	0.00094662	0.000569391	0.000279811	0.00179582	0.00018298	0.00005829	0.000036788	0.00027806	0.004411929	0.001310077	0.001009471	0.006731477	0.00192115	0.000799006	0.000706030	0.00342619
607588.25	4201535.86	0.00095463	0.000561492	0.000276874	0.00179300	0.00017963	0.00005585	0.000034613	0.00027009	0.004323262	0.001228848	0.000920399	0.006472509	0.00179543	0.000723232	0.000617910	0.00313657
607518.78	4201606.08	0.00092183	0.000584892	0.000286056	0.00179277	0.00019196	0.00006460	0.000042709	0.00029927	0.004650943	0.001527742	0.001255703	0.007434388	0.00227034	0.001007477	0.000951857	0.00422967
607094.61	4201741.77	0.00053428	0.000928863	0.000328259	0.00179140	0.00009356	0.00007770	0.000030819	0.00020208	0.002240194	0.00146605	0.000642933	0.004349176	0.00080271	0.000614927	0.000271545	0.00168918
607339.02	4201743.25	0.00077448	0.000685464	0.000322576	0.00178252	0.00023332	0.00009803	0.000072813	0.00040416	0.005761585	0.002651242	0.002497438	0.010910265	0.00399648	0.002063832	0.002185582	0.00824590
606026	4201688.61	0.00004852	0.001212328	0.000521166	0.00178201	0.00000913	0.00010243	0.000043778	0.00015534	0.000219642	0.001952933	0.00079476	0.002967335	0.00009115	0.000843094	0.000198688	0.00113294
606948.68	4201774.24	0.00036381	0.001080054	0.000337437	0.00178130	0.00006309	0.00008849	0.000030165	0.00018174	0.001509436	0.001633077	0.000594436	0.003736949	0.00052857	0.000641561	0.000210774	0.00138090
607116.06	4201742.44	0.00055754	0.000897394	0.000324597	0.00177953	0.00009833	0.00007560	0.000030964	0.00020490	0.002355661	0.001437083	0.000657216	0.00444996	0.00085786	0.000615333	0.000290582	0.00176378
607137.51	4201741.77	0.00058536	0.000868064	0.000320416	0.00177384	0.00010419	0.00007382	0.000031216	0.00020922	0.002497564	0.001416582	0.000677312	0.004591457	0.00092812	0.000622376	0.000316214	0.00186671
607207.23	4201733.73	0.00066782	0.00078947	0.000309665	0.00176696	0.00012396	0.00007015	0.000033115	0.00022723	0.002980702	0.001404489	0.000783832	0.005169023	0.00120680	0.000685201	0.000438529	0.00233053
605758.95	4201524.04	0.00003993	0.000996335	0.000728462	0.00176473	0.00000739	0.00013359	0.000060798	0.00020178	0.000177542	0.003510689	0.001093669	0.0047819	0.00007139	0.002647989	0.000260017	0.00297940
607164.33	4201744.45	0.00061459	0.00082893	0.000314274	0.00175779	0.00011126	0.00007164	0.000031721	0.00021462	0.002670351	0.001397064	0.000712724	0.004780139	0.00102863	0.000639811	0.000359926	0.00202837
605875.56	4201623.19	0.00004731	0.00106788	0.000639324	0.00175451	0.00000884	0.00009717	0.000053530	0.00015954	0.000212688	0.001987797	0.000967374	0.003167858	0.00008723	0.001017131	0.000235946	0.00134030
607185.11	4201741.77	0.00063581	0.000806669	0.000311238	0.00175372	0.00011659	0.00007063	0.000032290	0.00021951	0.002801027	0.001394727	0.000744242	0.004939996	0.00110747	0.000658722	0.000395944	0.00216214
607402.82	4201762.98	0.00077961	0.000643231	0.000330006	0.00175285	0.00028425	0.00011428	0.000094376	0.00049290	0.007070608	0.003347723	0.003427351	0.013845682	0.00545488	0.002818797	0.003133141	0.01140682
605933.21	4201650.01	0.00004526	0.001130261	0.000576466	0.00175199	0.00000851	0.00009897	0.000048319	0.00015580	0.000204801	0.001954549	0.000874528	0.003033878	0.00008493	0.000923307	0.000215079	0.00122332
606995.17	4201774.24	0.00039564	0.001019077	0.000330903	0.00174562	0.00006888	0.00008389	0.000029928	0.00018270	0.001648412	0.001556189	0.000598172	0.003802774	0.00058259	0.000621050	0.000222372	0.00142601
607287.2	4201728.23	0.00072672	0.000715101	0.000302947	0.00174477	0.00015204	0.00007153	0.000040383	0.00026396	0.003684837	0.001580455	0.001117173	0.006382465	0.00181040	0.000936916	0.000789332	0.00353664
607825.82	4201172.31	0.00097486	0.000501051	0.000265598	0.00174151	0.00016707	0.00004482	0.000027085	0.00023898	0.003993696	0.000903027	0.000614495	0.005511218	0.00135892	0.000446820	0.000316686	0.00212242
607256.2	4201735.98	0.00069191	0.000736576	0.000302794	0.00173129	0.00013661	0.00006937	0.000036230	0.00024221	0.003298535	0.001461722	0.000935342	0.005695598	0.00148728	0.000794549	0.000602507	0.00288434
607607.79	4201535.43	0.00091191	0.000547054	0.000271771	0.00173073	0.00017026	0.00005369	0.000033113	0.00025706	0.004095604	0.001169199	0.000865604	0.006130407	0.00167657	0.000675857	0.000567614	0.00292004
607638.19	4201499.38	0.00092199	0.000539228	0.000268942	0.00173016	0.00016819	0.00005162	0.000031342	0.00025115	0.004039101	0.00110234	0.000794036	0.005935477	0.00158042	0.000614756	0.000497367	0.00269254
605846.73	4201613.8	0.00004530	0.001033928	0.000647754	0.00172698	0.00000847	0.00009748	0.000054207	0.00016016	0.000203799	0.002056003	0.000978866	0.003238667	0.00008367	0.001119605	0.000237758	0.00144103
607566.53	4201581.9	0.00089006	0.000557155	0.000275394	0.00172261	0.00017391	0.00005729	0.000036389	0.00026758	0.004196308	0.001291381	0.001001481	0.00648917	0.00186042	0.000791538	0.000703057	0.00335501
607825.82	4201188.83	0.00095662	0.000498205	0.00026345	0.00171828	0.00016409	0.00004456	0.000026874	0.00023553	0.003922767	0.000897777	0.000609856	0.005430399	0.00133776	0.000444158	0.000314464	0.00209638
607482.45	4201664.05	0.00083409	0.000590646	0.000289648	0.00171438	0.00019440	0.00007148	0.000049855	0.00031574	0.004741267	0.00178371	0.001561431	0.008086408	0.00265479	0.001264573	0.001262023	0.00518138
606149.35	4201736.88	0.00005181	0.001212328	0.000447174	0.00171131	0.00000974	0.00010033	0.000037683	0.00014775	0.00023432	0.001871963	0.00068722	0.002793503	0.00009709	0.000760025	0.000175926	0.00103304
607019.38	4201778.6	0.00040708	0.000977863	0.00032623	0.00171117	0.00007118	0.00008078	0.000029745	0.00018171	0.001704131	0.001504338	0.00060022	0.00380869	0.00060854	0.000607305	0.000230026	0.00144587
607332.24	4201768.91	0.00071609	0.000673042	0.000317001	0.00170613	0.00022178	0.00009615	0.000071406	0.00038934	0.005482957	0.00259939	0.00244778	0.010530128	0.00387066	0.002022527	0.002141128	0.00803432
606125.89	4201728.17	0.00004979	0.001195107	0.000455126	0.00170002	0.00000938	0.00009926	0.000038326	0.00014696	0.000225709	0.001858755	0.00069824	0.002782704	0.00009389	0.000762959	0.000177819	0.00103467
607825.82	4201205.35	0.00093842	0.00049527	0.000261323	0.00169502	0.00016113	0.00004430	0.000026669	0.00023210	0.003852287	0.000892577	0.00060547	0.005350334	0.00131698	0.000441634	0.000312478	0.00207110
605804.49	4201580.95	0.00004013	0.000988166	0.000659191	0.00168749	0.00000751	0.00010235	0.000055095	0.00016495	0.000180557	0.002319194	0.000993084	0.003492835	0.00007413	0.001433424	0.000238803	0.00174636
607444.85	4201714.71	0.00077798	0.000606428	0.000299674	0.00168409	0.00021277	0.00008344	0.000062091	0.00035829	0.005231566	0.002218728	0.002076551	0.009526845	0.00338799	0.001695762	0.001779902	0.00686366
607631.24	4201526.31	0.00088181	0.000533942	0.000267129	0.00168288	0.00016281	0.00005160	0.000031614	0.00024602	0.003913348	0.00111009	0.000809872	0.00583331	0.00156819	0.000627767	0.000515806	0.00271176
605999.86	4201691.29	0.00004613	0.001115723	0.000518687	0.00168054	0.00000870	0.00009545	0.000043555	0.00014771	0.000209544	0.001842778	0.000790325	0.002842647	0.00008746	0.000822556	0.000197070	0.00110709
607044.57	4201783.93	0.00041619	0.000936097	0.000320892	0.00167318	0.00007320	0.00007767	0.000029540	0.00018041	0.001753184	0.001452931	0.000602774	0.003808889	0.00063444	0.000594544	0.000238990	0.00146798
607825.82	4201221.87	0.00092019	0.000492266	0.000259231	0.00167169	0.00015818	0.00004404	0.000026472	0.00022869	0.003781996	0.000887452	0.000601342	0.00527079	0.00129651	0.000439250	0.000310717	0.00204648
607849.31	4201172.31	0.00092397	0.000486725	0.00026026	0.00167096	0.00015839	0.00004344	0.000026394	0.00022822	0.0037862	0.00087351	0.000595688	0.005255398	0.00128907	0.000430251	0.000303680	0.00202301
607424.97	4201746.51	0.00074704	0.000614873	0.00030718	0.00166910	0.00022981	0.00009271	0.000071890	0.00039441	0.005679747	0.002562644	0.002490229	0.01073262	0.00399266	0.002040510	0.002196444	0.00822962
605676.3	4201482.12	0.00004315	0.000742591	0.000873898	0.00165964	0.00000789	0.00007889	0.000072848	0.00015963	0.000189571	0.001818934	0.001308111	0.003316616	0.00007456	0.001155263	0.000307911	0.00153774
607849.31	4201188.83	0.00090658	0.000483981	0.000258176	0.00164874	0.00015555	0.00004320	0.000026189	0.00022493	0.003718574	0.000868477	0.000591232	0.005178283	0.00126892	0.000427714	0.000301570	0.00199821
607825.82	4201238.39	0.00090187	0.000489161	0.000257158	0.00164819	0.00015522	0.00004378	0.000026281	0.00022528	0.00371163	0.000882349	0.00059745	0.005191429	0.00127627	0.000436988	0.000309174	0.00202243
607070.72	4201786.83	0.00042920	0.000899055	0.000316277	0.00164453	0.00007596	0.00007498	0.000029448	0.00018038	0.001820184	0.00141018	0.000608706	0.00383907	0.00066802	0.000586142	0.000250569	0.00150473
607571.31	4201602.75	0.00083122	0.000543119	0.000270162	0.00164451	0.00016381	0.00005587	0.000035643	0.00025533	0.003954887	0.001260016	0.000980054	0.006194958	0.00177797	0.000772796	0.000687231	0.00323800
605622.85	4201440.76	0.00004394	0.000620251	0.000978605	0.00164280	0.00000797	0.00005754	0.000081502	0.00014700	0.000191212	0.001196964	0.001461607	0.002849783	0.00007386	0.000634277	0.000341475	0.00104961
606101.76	4201726.82	0.00004740	0.00113342	0.000456207	0.00163703	0.00000896	0.00009468	0.000038398	0.00014204	0.000215621	0.001784042	0.000699076	0.002698739	0.00009022	0.000745357	0.000177395	0.00101297
605911.09	4201656.04	0.00004296	0.001024513	0.000566096	0.00163357	0.00000810	0.00009188	0.000047442	0.00014742	0.000195055	0.001855311	0.000858472	0.002908839	0.00008136	0.000922722	0.000210877	0.00121495
607092.51	4201790.71	0.00044859	0.000866299	0.000314142	0.00162904	0.00008004	0.00007275	0.000029690	0.00018248	0.001919166	0.001378251	0.000623898	0.003921315	0.00071706	0.000584740	0.000268728	0.00157052
607675.07	4201495.76	0.00085131	0.000515563	0.000260577	0.00162745	0.00015408	0.00004860	0.000029448	0.00023213	0.003698244	0.001024965	0.000728987	0.005452196	0.00142408	0.000558028	0.000440396	0.00242250
607849.31	4201205.35	0.00088926	0.000481133	0.000256101	0.00162649	0.00015273	0.00004294	0.000025990	0.00022166	0.003651505	0.000863452	0.000586982	0.005101938	0.00124916	0.000425285	0.000299663	0.00197411
607615.67	4201566.48	0.00083160	0.00052862	0.000265246	0.00162546	0.00015698	0.00005202	0.000032357	0.00024136	0.003779096	0.001135074	0.000846539	0.005760709	0.00157870	0.000658493	0.000555752	0.00279295
607402.25	4201797.62	0.00069319	0.000616539	0.000313903	0.00162364	0.00024937	0.00010386	0.000084202	0.00043743	0.00620006	0.002990024	0.003015793	0.012205878	0.00475242	0.002477375	0.002728986	0.00995878
607459.04	4201719.25	0.00074209	0.000587406	0.000289529	0.00161903	0.00019201	0.00007602	0.000054957	0.00032299	0.00470861	0.001963995	0.001785516	0.008458121	0.00291439	0.001452633	0.001492628	0.00585965
607535.76	4201644.98	0.00079351	0.000551642	0.000273123	0.00161827	0.00016585	0.00005971	0.000039248	0.00026481	0.004019291	0.001393803	0.001131804	0.006544898	0.00197207	0.000901892	0.000839785	0.00371375
607114.79	4201795.07	0.00047252	0.000831927	0.000309896	0.00161434	0.00008539	0.00007060	0.000029982	0.00018597	0.002049178	0.001352193	0.00064591	0.004047282	0.00078647	0.000590910	0.000296407	0.00167379
607502.35	4201677.74	0.00077017	0.000565356	0.000278667	0.00161419	0.00017324	0.00006515	0.000044346	0.00028274	0.004216756	0.001581235	0.001343473	0.007141464	0.00226974	0.001081056	0.001050897	0.00440169
607600.11	4201587.7	0.00081511	0.000529413	0.000265371	0.00160989	0.00015658	0.00005295	0.000033295	0.00024283	0.003773961	0.00116981	0.000887424	0.005831195	0.00162604	0.000693370	0.000597652	0.00291706
607167.09	4201791.19	0.00053689	0.000770804	0.00030059	0.00160828	0.00010130	0.00006794	0.000031589	0.00020083	0.002438629	0.001350234	0.00073648	0.004525343	0.00101787	0.000647408	0.000400601	0.00206588
607140.94	4201796.52	0.00050750	0.000796332	0.000304258	0.00160809	0.00009359	0.00006879	0.000030619	0.00019300	0.002249229	0.00134095	0.000686018	0.004276196	0.00089917	0.000613447	0.000344350	0.00185697
607872.8	4201172.31	0.00087705	0.000473074	0.000255128	0.00160526	0.00015039	0.00004214	0.000025742	0.00021827	0.003595086	0.000845786	0.000578187	0.005019059	0.00122491	0.000414875	0.000291772	0.00193156
607849.31	4201221.87	0.00087203	0.000478264	0.000254074	0.00160437	0.00014994	0.00004269	0.000025800	0.00021843	0.00358507	0.00085856	0.000583007	0.005026637	0.00122981	0.000423013	0.000297981	0.00195080
606078.96	4201722.8	0.00004575	0.001094595	0.000461185	0.00160153	0.00000866	0.00009197	0.000038797	0.00013942	0.00020855	0.001743204	0.000705836	0.00265759	0.00008759	0.000740625	0.000178439	0.00100665
605889.63	4201654.7	0.00004304	0.000983266	0.000575041	0.00160134	0.00000811	0.00009000	0.000048182	0.00014630	0.000195269	0.00185091	0.000871618	0.002917797	0.00008135	0.000957690	0.000213777	0.00125282
606187.56	4201772.41	0.00005429	0.001128225	0.000418118	0.00160063	0.00001020	0.00009320	0.000035303	0.00013870	0.000245361	0.00173529	0.000645553	0.002626205	0.00010155	0.000700314	0.000167566	0.00096943
607209.71	4201784.9	0.00056692	0.000735882	0.000296304	0.00159910	0.00011102	0.00006708	0.000033301	0.00021141	0.002679285	0.001374666	0.000820843	0.004874794	0.00119228	0.000705901	0.000492454	0.00239064
607305.12	4201782.47	0.00063307	0.000667006	0.000297265	0.00159734	0.00016077	0.00007694	0.000049782	0.00028749	0.003938853	0.001868405	0.001541793	0.00734905	0.00239836	0.001278369	0.001232783	0.00490951
607694.87	4201484.45	0.00083229	0.000506732	0.000257415	0.00159643	0.00014973	0.00004737	0.000028629	0.00022573	0.003592102	0.00099214	0.000699888	0.00528413	0.00136579	0.000532806	0.000414223	0.00231282
607282.36	4201779.57	0.00061467	0.000681578	0.000293388	0.00158964	0.00013818	0.00007040	0.000041238	0.00024982	0.003363147	0.001592153	0.001175345	0.006130644	0.00180896	0.000981007	0.000860508	0.00365047
607260.56	4201780.54	0.00059934	0.000696789	0.000293073	0.00158920	0.00012678	0.00006811	0.000037466	0.00023235	0.003074626	0.001478644	0.001010553	0.005563823	0.00153328	0.000849995	0.000691399	0.00307467
607872.8	4201188.83	0.00086049	0.000470432	0.000253108	0.00158403	0.00014769	0.00004190	0.000025545	0.00021513	0.003530712	0.000840955	0.000573898	0.004945565	0.00120574	0.000412448	0.000289760	0.00190795
607849.31	4201238.39	0.00085482	0.000475343	0.000252086	0.00158225	0.00014716	0.00004245	0.000025617	0.00021522	0.003518958	0.000853741	0.000579266	0.004951966	0.00121076	0.000420865	0.000296494	0.00192812
607672.95	4201521.22	0.00081117	0.000508061	0.000257961	0.00157720	0.00014808	0.00004815	0.000029389	0.00022562	0.003556394	0.001019982	0.000732054	0.00530843	0.00139358	0.000560097	0.000446657	0.00240033
605810.53	4201617.83	0.00004132	0.000905223	0.000628743	0.00157529	0.00000776	0.00009414	0.000052599	0.00015450	0.000186731	0.00213911	0.000949375	0.003275216	0.00007727	0.001328065	0.000229995	0.00163533
607646.08	4201557.29	0.00079568	0.000512249	0.000259492	0.00156742	0.00014808	0.00004946	0.000030546	0.00022809	0.003561331	0.00106334	0.000779525	0.005404196	0.00144906	0.000600571	0.000493660	0.00254329
607872.8	4201205.35	0.00084408	0.000467715	0.000251103	0.00156289	0.00014501	0.00004166	0.000025353	0.00021203	0.00346714	0.000836164	0.000569811	0.004873115	0.00118700	0.000410133	0.000287937	0.00188507
607584.55	4201620.93	0.00077122	0.000525458	0.000263619	0.00156030	0.00015200	0.00005357	0.000034152	0.00023973	0.003669898	0.001200429	0.00092877	0.005799098	0.00165018	0.000728569	0.000642255	0.00302100
607450.52	4201749.92	0.00068991	0.000580472	0.000286847	0.00155723	0.00018674	0.00007665	0.000056000	0.00031940	0.004589457	0.001999866	0.001837069	0.008426391	0.00294827	0.001496070	0.001548832	0.00599317
607478.35	4201723.23	0.00070598	0.000566036	0.000279205	0.00155122	0.00017229	0.00006883	0.000048256	0.00028938	0.004212356	0.001722052	0.001513842	0.00744825	0.00247159	0.001224873	0.001225476	0.00492194
605977.73	4201697.33	0.00004282	0.000998295	0.000505827	0.00154694	0.00000812	0.00008683	0.000042464	0.00013742	0.000195464	0.001704011	0.000770252	0.002669727	0.00008229	0.000792596	0.000191692	0.00106658
607715.38	4201481.62	0.00079900	0.00049481	0.000253124	0.00154694	0.00014330	0.00004598	0.000027797	0.00021707	0.003437107	0.000957828	0.000672674	0.005067608	0.00129839	0.000509016	0.000391328	0.00219873
608186.19	4200733.55	0.00094855	0.000364182	0.000229361	0.00154209	0.00015923	0.00003236	0.000022554	0.00021414	0.003800243	0.000647761	0.00049399	0.004941994	0.00122572	0.000315950	0.000235768	0.00177744
607872.8	4201221.87	0.00082777	0.000464949	0.000249129	0.00154185	0.00014237	0.00004142	0.000025168	0.00020896	0.003404245	0.00083145	0.00056595	0.004801645	0.00116867	0.000407945	0.000286310	0.00186292
607553.44	4201659.83	0.00073751	0.00053166	0.00026546	0.00153463	0.00015236	0.00005631	0.000036691	0.00024536	0.003689523	0.001295695	0.001036176	0.006021394	0.00178091	0.000820368	0.000750532	0.00335181
607610.72	4201606.08	0.00076104	0.000513807	0.000259614	0.00153446	0.00014666	0.00005118	0.000032261	0.00023010	0.003535489	0.001127331	0.000854485	0.005517305	0.00153154	0.000664729	0.000570610	0.00276688
608186.19	4200741.15	0.00094014	0.000364153	0.000228991	0.00153329	0.00015784	0.00003233	0.000022500	0.00021267	0.003767074	0.000646931	0.00049242	0.004906424	0.00121542	0.000315127	0.000234593	0.00176514
606054.16	4201725.48	0.00004401	0.001025998	0.000461342	0.00153135	0.00000835	0.00008698	0.000038797	0.00013413	0.000201181	0.001664003	0.000705499	0.002570683	0.00008489	0.000725033	0.000177905	0.00098783
605870.86	4201658.05	0.00004231	0.000915472	0.000573501	0.00153129	0.00000798	0.00008622	0.000048049	0.00014225	0.000192175	0.001816789	0.000869088	0.002878053	0.00008020	0.000987578	0.000213003	0.00128078
607540.71	4201675.39	0.00072336	0.000534751	0.000266444	0.00152455	0.00015292	0.00005766	0.000037950	0.00024853	0.003708562	0.001342739	0.00108929	0.00614059	0.00184797	0.000865673	0.000803989	0.00351764
607523.01	4201691.84	0.00071333	0.000541722	0.000268984	0.00152404	0.00015601	0.00006005	0.000040117	0.00025618	0.003791192	0.001423518	0.001178881	0.006393591	0.00197337	0.000941873	0.000893116	0.00380836
608186.19	4200748.75	0.00092807	0.000364174	0.000228627	0.00152087	0.00015587	0.00003238	0.000022447	0.00021069	0.003720053	0.000648547	0.000490873	0.004859472	0.00120135	0.000316764	0.000233434	0.00175155
607872.8	4201238.39	0.00081154	0.000462125	0.000247186	0.00152085	0.00013975	0.00004118	0.000024989	0.00020592	0.003341836	0.000826782	0.000562296	0.004730913	0.00115065	0.000405859	0.000284858	0.00184137
605590.11	4201443.35	0.00004214	0.000520815	0.000955712	0.00151866	0.00000765	0.00004768	0.000079593	0.00013492	0.000183641	0.00098076	0.00142731	0.002591712	0.00007116	0.000507651	0.000333379	0.00091219
605608.24	4201447.88	0.00004208	0.000538179	0.000938016	0.00151827	0.00000765	0.00005005	0.000078129	0.00013583	0.00018357	0.00104362	0.001401309	0.002628499	0.00007126	0.000555518	0.000327645	0.00095442
607380.97	4201882.31	0.00060469	0.000597092	0.000312145	0.00151393	0.00025643	0.00011059	0.000092888	0.00045991	0.006409563	0.003281555	0.003400621	0.013091738	0.00527363	0.002795078	0.003126855	0.01119556
607316.49	4201853.9	0.00057768	0.000632677	0.000303485	0.00151384	0.00020150	0.00009361	0.000071005	0.00036612	0.00500456	0.002567786	0.002459378	0.010031724	0.00377759	0.002028742	0.002169102	0.00797543
608186.19	4200756.35	0.00091356	0.000364087	0.000228262	0.00150590	0.00015351	0.00003231	0.000022394	0.00020821	0.003663855	0.000646055	0.00048934	0.00479925	0.00118479	0.000314291	0.000232291	0.00173137
605567.46	4201442.94	0.00004202	0.000495211	0.0009646	0.00150184	0.00000763	0.00004479	0.000080328	0.00013275	0.000183158	0.000911403	0.001440374	0.002534934	0.00007097	0.000461003	0.000336263	0.00086824
607689.92	4201541.02	0.00075079	0.00049018	0.000251572	0.00149254	0.00013749	0.00004634	0.000028445	0.00021227	0.003302845	0.000979396	0.000704437	0.004986678	0.00130245	0.000535575	0.000425838	0.00226386
605546.45	4201443.77	0.00004212	0.000475992	0.000972853	0.00149097	0.00000765	0.00004265	0.000081013	0.00013132	0.000183597	0.00086074	0.001452598	0.002496934	0.00007115	0.000427424	0.000339037	0.00083761
607426.11	4201803.3	0.00062447	0.000577999	0.000287921	0.00149039	0.00019139	0.00008235	0.000062380	0.00033613	0.00472963	0.002223833	0.002114617	0.009068081	0.00331706	0.001728212	0.001833004	0.00687827
607331.85	4201948.62	0.00057622	0.000597228	0.000316895	0.00149034	0.00026965	0.00011863	0.000101840	0.00049012	0.006764273	0.0035914	0.004755034	0.015110708	0.00582022	0.003112826	0.003514559	0.01244760
608193.06	4200733.55	0.00089966	0.00036184	0.000228096	0.00148960	0.00015133	0.00003212	0.000022392	0.00020584	0.003612126	0.000642486	0.000489618	0.004744231	0.00117127	0.000312781	0.000232774	0.00171682
608186.19	4200763.95	0.00089754	0.000364132	0.000227896	0.00148956	0.00015091	0.00003239	0.000022341	0.00020564	0.003601979	0.000649291	0.000487811	0.00473908	0.00116668	0.000317568	0.000231153	0.00171541
607737.3	4201483.03	0.00075945	0.000481028	0.000248113	0.00148859	0.00013597	0.00004447	0.000026948	0.00020739	0.003261032	0.000922371	0.000646233	0.004829636	0.00122743	0.000485832	0.000370083	0.00208334
608193.06	4200741.15	0.00089387	0.000361809	0.000227734	0.00148341	0.00015035	0.00003210	0.000022340	0.00020479	0.003588882	0.00064169	0.000488107	0.004718679	0.00116374	0.000311993	0.000231649	0.00170738
607331.85	4201998.62	0.00055909	0.000591066	0.000331331	0.00148149	0.00032034	0.00013693	0.000123087	0.00058036	0.0080634	0.004307368	0.00468399	0.017054758	0.00722881	0.003853254	0.004423974	0.01550603
608193.06	4200748.75	0.00088461	0.000361836	0.00022737	0.00147382	0.00014883	0.00003214	0.000022287	0.00020325	0.003552561	0.000643245	0.000486604	0.00468241	0.00115265	0.000313563	0.000230536	0.00169675
607665.17	4201577.8	0.00073056	0.000491171	0.000251854	0.00147359	0.00013630	0.00004721	0.000029312	0.00021282	0.003278428	0.00101142	0.000741874	0.005031722	0.00134010	0.000567481	0.000464006	0.00237159
607469.83	4201761.27	0.00064285	0.000555523	0.000274561	0.00147293	0.00016345	0.00006846	0.000048370	0.00028028	0.004004645	0.001725083	0.001528858	0.007258586	0.00244097	0.001238046	0.001246434	0.00492545
608186.19	4200771.55	0.00088070	0.000363986	0.000227523	0.00147221	0.00014818	0.00003228	0.000022288	0.00020274	0.00353703	0.000645142	0.000486286	0.004668457	0.00114775	0.000313451	0.000230026	0.00169123
607620.62	4201625.88	0.00071135	0.000499231	0.000254199	0.00146478	0.00013755	0.00004955	0.000031307	0.00021841	0.003316769	0.001088221	0.00082435	0.00522934	0.00144520	0.000638557	0.000546045	0.00262981
607506.75	4201731.18	0.00065823	0.000538061	0.000267108	0.00146340	0.00015117	0.00006130	0.000041597	0.00025406	0.003683799	0.001477476	0.00124786	0.006409135	0.00202991	0.001000736	0.000966285	0.00399693
606029.35	4201731.52	0.00004281	0.000958831	0.000460938	0.00146258	0.00000814	0.00008221	0.000038755	0.00012910	0.000196106	0.001590584	0.000704509	0.0024912	0.00008303	0.000714005	0.000177368	0.00097441
608193.06	4200756.35	0.00087323	0.000361737	0.000227008	0.00146198	0.00014697	0.00003207	0.000022236	0.00020127	0.003508243	0.000640843	0.00048511	0.004634197	0.00113938	0.000311194	0.000229429	0.00168001
606182.87	4201797.22	0.00005224	0.001008128	0.000398695	0.00145906	0.00000985	0.00008362	0.000033686	0.00012716	0.000237157	0.001563808	0.000616574	0.002417539	0.00009891	0.000639346	0.000160820	0.00089908
608186.19	4200779.15	0.00086364	0.000364059	0.000227144	0.00145484	0.00014541	0.00003241	0.000022234	0.00020006	0.003471249	0.000650001	0.000484757	0.004606007	0.00112860	0.000318366	0.000228904	0.00167587
608193.06	4200763.95	0.00086044	0.000361807	0.000226648	0.00144889	0.00014488	0.00003216	0.000022184	0.00019922	0.003458615	0.000643979	0.000483633	0.004586226	0.00112468	0.000314343	0.000228337	0.00166736
607400.85	4201861.3	0.00057687	0.000577024	0.000292848	0.00144674	0.00020788	0.00009170	0.000072841	0.00037242	0.005168792	0.002585937	0.002562888	0.010317617	0.00396524	0.002100637	0.002288184	0.00835406
605956.28	4201701.35	0.00004027	0.000909294	0.000495803	0.00144536	0.00000766	0.00008059	0.000041612	0.00012986	0.000184553	0.001609653	0.000754548	0.002548754	0.00007821	0.000780986	0.000187441	0.00104663
608199.93	4200733.55	0.00085731	0.000359528	0.000226844	0.00144368	0.00014446	0.00003189	0.000022233	0.00019858	0.003448779	0.000637311	0.00048533	0.00457142	0.00112367	0.000309684	0.000229849	0.00166320
607498.79	4201747.08	0.00063772	0.000537284	0.00026657	0.00144157	0.00014987	0.00006200	0.000042373	0.00025425	0.003656875	0.001506072	0.001283075	0.006446022	0.00206566	0.001030816	0.001003141	0.00409962
608199.93	4200741.15	0.00085328	0.00035949	0.000226489	0.00143926	0.00014377	0.00003186	0.000022182	0.00019782	0.003432243	0.000636531	0.000483877	0.004552652	0.00111804	0.000308921	0.000228777	0.00165574
608186.19	4200786.75	0.00084671	0.000363865	0.000226762	0.00143733	0.00014267	0.00003225	0.000022181	0.00019710	0.003405973	0.000644211	0.00048324	0.004533424	0.00110961	0.000312612	0.000227798	0.00165002

607331.85	4202048.62	0.00054690	0.000564404	0.000325187	0.00143649	0.00032005	0.00013651	0.000124404	0.00058097	0.00806511	0.00433523	0.00378308	0.016183419	0.00732520	0.003907359	0.004504335	0.01573689
608193.06	4200771.55	0.00084673	0.000361629	0.000226284	0.00143464	0.00014265	0.00003204	0.000022133	0.00019683	0.003405527	0.000639949	0.000482161	0.004527637	0.00110904	0.000310379	0.000227256	0.00164667
605756.59	4201659.63	0.00003643	0.000747655	0.000649586	0.00143367	0.00000691	0.00011898	0.000054244	0.00018014	0.000166418	0.003357076	0.000976515	0.004500009	0.00007013	0.002728435	0.000233165	0.00303173
608199.93	4200748.75	0.00084616	0.000359529	0.000226127	0.00143181	0.00014259	0.00003190	0.000022131	0.00019662	0.003404047	0.000638041	0.000482412	0.0045245	0.00110921	0.000310433	0.000227699	0.00164734
607716.09	4201541.02	0.00071125	0.0004743	0.000245792	0.00143134	0.00012968	0.00004447	0.000027329	0.00020148	0.003114295	0.000933581	0.000667957	0.004715833	0.00121741	0.000503773	0.000395181	0.00211636
605851.42	4201667.44	0.00004066	0.000829777	0.000560028	0.00143047	0.00000769	0.00008169	0.000046921	0.00013630	0.000185214	0.001783251	0.000848696	0.002817161	0.00007768	0.001035199	0.000208025	0.00132090
607759.93	4201485.86	0.00071996	0.00046683	0.000242884	0.00142968	0.00012877	0.00004297	0.000026125	0.00019786	0.003087966	0.000887953	0.000621456	0.004597375	0.00115966	0.000464113	0.000350808	0.00197458
607307.87	4201899.45	0.00051979	0.00060962	0.000295713	0.00142512	0.00019072	0.00009115	0.000069700	0.00035157	0.004745288	0.002510994	0.002418923	0.009675205	0.00367196	0.001992549	0.002136721	0.00780123
607445.41	4201806.14	0.00059288	0.000556126	0.000275624	0.00142463	0.00016649	0.00007282	0.000053051	0.00029236	0.004098747	0.001892083	0.001731925	0.007722754	0.00270799	0.001408799	0.001454018	0.00557080
607381.54	4201910.71	0.00055059	0.000574444	0.000298482	0.00142351	0.00022779	0.00010093	0.000083380	0.00041211	0.005689628	0.002946419	0.003013044	0.011649091	0.00463677	0.002472933	0.002744465	0.00985416
608199.93	4200756.35	0.00083717	0.000359508	0.000225771	0.00142245	0.00014111	0.00003192	0.000022080	0.00019511	0.003368851	0.000638746	0.000480974	0.004488571	0.00109849	0.000311176	0.000226644	0.00163631
608186.19	4200794.35	0.00083028	0.000363965	0.000226382	0.00142063	0.00014001	0.00003242	0.000022128	0.00019456	0.003342638	0.000650692	0.000481741	0.004475072	0.00109116	0.000319166	0.000226707	0.00163703
608193.06	4200779.15	0.00083245	0.000361755	0.000225911	0.00142012	0.00014033	0.00003217	0.000022081	0.00019459	0.003350337	0.000644681	0.000480691	0.004475708	0.00109284	0.000315114	0.000226186	0.00163414
605525.44	4201445.41	0.00004070	0.000430819	0.000942276	0.00141380	0.00000740	0.00003853	0.000078470	0.00012440	0.00017762	0.000776261	0.001407053	0.002360934	0.00006899	0.000383996	0.000328496	0.00078148
606005.22	4201734.87	0.00004195	0.000907512	0.000462816	0.00141228	0.00000799	0.00007878	0.000038903	0.00012567	0.000192411	0.001543074	0.00070695	0.002442435	0.00008163	0.000714387	0.000177648	0.00097366
608199.93	4200763.95	0.00082687	0.00035941	0.000225418	0.00141170	0.00013942	0.00003184	0.000022030	0.00019329	0.003328676	0.000635702	0.000479548	0.004443926	0.00108642	0.000308147	0.000225596	0.00162016
607665.17	4201609.62	0.00068041	0.000478572	0.000247085	0.00140607	0.00012838	0.00004623	0.000028940	0.00020355	0.003090487	0.000994273	0.000735872	0.004820632	0.00128993	0.000561949	0.000463494	0.00231538
608193.06	4200786.75	0.00081806	0.000361502	0.000225534	0.00140509	0.00013800	0.00003201	0.000022029	0.00019204	0.00329468	0.000639041	0.000479214	0.004412935	0.00107652	0.000309570	0.000225116	0.00161120
608186.19	4200801.95	0.00081452	0.000363725	0.000226004	0.00140425	0.00013745	0.00003222	0.000022076	0.00019175	0.003281805	0.000643269	0.000480261	0.004405335	0.00107342	0.000311779	0.000225634	0.00161083
608206.8	4200733.55	0.00082019	0.000357232	0.000225605	0.00140303	0.00013843	0.00003165	0.000022076	0.00019216	0.00330528	0.000632194	0.000481126	0.0044186	0.00108158	0.000306632	0.000226997	0.00161521
608199.93	4200771.55	0.00081555	0.000359469	0.000225058	0.00140008	0.00013758	0.00003194	0.000021980	0.00019149	0.003284665	0.000639442	0.000478119	0.004402226	0.00107331	0.000311927	0.000224553	0.00160979
608206.8	4200741.15	0.00081740	0.000357244	0.000225256	0.00139990	0.00013794	0.00003167	0.000022026	0.00019164	0.003293468	0.000632914	0.00047972	0.004406102	0.00107728	0.000307360	0.000225965	0.00161061
607581.63	4201694.49	0.00064404	0.000498627	0.000252894	0.00139556	0.00013177	0.00005143	0.000033253	0.00021645	0.003188989	0.001161743	0.000912497	0.005263229	0.00151811	0.000714563	0.000638250	0.00287093
608206.8	4200748.75	0.00081195	0.00035719	0.000224901	0.00139404	0.00013703	0.00003163	0.000021977	0.00019064	0.003271641	0.000631449	0.000478308	0.004381398	0.00107025	0.000305909	0.000224934	0.00160109
608193.06	4200794.35	0.00080389	0.000361663	0.000225159	0.00139071	0.00013570	0.00003218	0.000021977	0.00018986	0.003239926	0.000645338	0.000477761	0.004363026	0.00106047	0.000315876	0.000224067	0.00160041
607498.23	4201770.36	0.00059945	0.000527676	0.0002623	0.00138943	0.00014252	0.00006074	0.000041488	0.00024475	0.003479687	0.001473138	0.001253475	0.006206299	0.00198930	0.001006225	0.000977767	0.00397329
608186.19	4200809.55	0.00079928	0.000363552	0.00022562	0.00138845	0.00013498	0.00003219	0.000022023	0.00018919	0.003222989	0.00064229	0.000478788	0.004344067	0.00105625	0.000310941	0.000224574	0.00159176
608199.93	4200779.15	0.00080356	0.000359299	0.00022469	0.00138755	0.00013562	0.00003181	0.000021929	0.00018936	0.003238137	0.000634839	0.000476687	0.004349663	0.00105952	0.000307367	0.000223519	0.00159041
608206.8	4200756.35	0.00080469	0.000357238	0.000224546	0.00138647	0.00013583	0.00003169	0.000021927	0.00018944	0.003243014	0.00063361	0.000476909	0.004353533	0.00106137	0.000308080	0.000223917	0.00159337
607682.14	4201602.55	0.00066956	0.00047145	0.000244601	0.00138561	0.00012537	0.00004515	0.000028198	0.00019873	0.00301646	0.000964624	0.000708651	0.004689735	0.00124148	0.000538349	0.000438447	0.00221828
608206.8	4200763.95	0.00079624	0.000357205	0.000224195	0.00137764	0.00013444	0.00003171	0.000021878	0.00018802	0.003209887	0.000634279	0.000475518	0.004319683	0.00105127	0.000308797	0.000222903	0.00158297
607571.44	4201713.55	0.00062507	0.000498757	0.000252595	0.00137642	0.00013025	0.00005202	0.000033852	0.00021612	0.003155827	0.001184547	0.000939454	0.005279828	0.00154185	0.000737835	0.000666329	0.00294601
608193.06	4200801.95	0.00079002	0.000361347	0.00022478	0.00137614	0.00013344	0.00003198	0.000021926	0.00018735	0.003186296	0.000638108	0.000476321	0.004300725	0.00104474	0.000308762	0.000223034	0.00157654
608199.93	4200786.75	0.00079133	0.000359383	0.000224319	0.00137503	0.00013363	0.00003195	0.000021879	0.00018746	0.003190717	0.000640068	0.000475266	0.00430605	0.00104550	0.000312651	0.000222496	0.00158065
605827.96	4201666.77	0.00004030	0.000769835	0.000564561	0.00137469	0.00000762	0.00008030	0.000047292	0.00013521	0.000183533	0.001828389	0.000855173	0.002867095	0.00007696	0.001138886	0.000209305	0.00142516
608186.19	4200817.15	0.00078470	0.000363351	0.000225231	0.00137329	0.00013262	0.00003215	0.000021970	0.00018674	0.003166705	0.000641279	0.000477317	0.0042853	0.00103978	0.000310096	0.000223523	0.00157340
607597.59	4201692.32	0.00063193	0.000489476	0.000249731	0.00137114	0.00012755	0.00004979	0.000032030	0.00020937	0.003084134	0.001113878	0.000865691	0.005063702	0.00143897	0.000674217	0.000593867	0.00270706
606133.93	4201786.49	0.00004629	0.000924173	0.000399786	0.00137025	0.00000879	0.00007745	0.000033728	0.00011997	0.000211757	0.001464076	0.000616073	0.002291906	0.00008944	0.000617392	0.000159009	0.00086584
608206.8	4200771.55	0.00078688	0.000357106	0.000223843	0.00136783	0.00013290	0.00003161	0.000021830	0.00018634	0.003173334	0.000630643	0.000474148	0.004278125	0.00104025	0.000305162	0.000221912	0.00156733
608213.67	4200733.55	0.00078736	0.000354982	0.000224381	0.00136673	0.00013309	0.00003145	0.000021921	0.00018646	0.003178065	0.000627861	0.000477004	0.00428293	0.00104401	0.000304341	0.000224211	0.00157257
607618.06	4201676.37	0.00063512	0.00048255	0.000247607	0.00136528	0.00012560	0.00004828	0.000030827	0.00020470	0.003032952	0.001066773	0.000817501	0.004917226	0.00137102	0.000632521	0.000546826	0.00255037
607700.53	4201594.06	0.00065859	0.000464148	0.000242016	0.00136476	0.00012239	0.00004408	0.000027466	0.00019394	0.002943194	0.000935422	0.000682141	0.004560757	0.00119427	0.000515380	0.000414251	0.00212390
608213.67	4200741.15	0.00078546	0.000354955	0.000224038	0.00136445	0.00013274	0.00003143	0.000021874	0.00018604	0.003169664	0.000627158	0.000475647	0.004272469	0.00104070	0.000303645	0.000223222	0.00156756
608199.93	4200794.35	0.00077906	0.000359162	0.000223947	0.00136217	0.00013163	0.00003178	0.000021828	0.00018524	0.003143174	0.000633948	0.000473853	0.004250975	0.00103147	0.000306585	0.000221485	0.00155954
608193.06	4200809.55	0.00077650	0.000361162	0.000224398	0.00136206	0.00013125	0.00003195	0.000021874	0.00018507	0.003134046	0.000637139	0.000474882	0.004246067	0.00102940	0.000307945	0.000222008	0.00155936
607471.54	4201807.84	0.00056440	0.000532385	0.000264059	0.00136085	0.00014539	0.00006443	0.000045165	0.00025499	0.003564686	0.001607598	0.001410947	0.006583231	0.00219800	0.001139664	0.001137634	0.00447530
605652.06	4201496.17	0.00003890	0.000528067	0.000793821	0.00136079	0.00000715	0.00005498	0.000066185	0.00012831	0.000171871	0.001250206	0.001188813	0.00261089	0.00006832	0.000777139	0.000280279	0.00112574
608213.67	4200748.75	0.00078117	0.000354987	0.000223686	0.00135985	0.00013201	0.00003146	0.000021825	0.00018530	0.003152295	0.000628546	0.000474275	0.004255116	0.00103493	0.000305039	0.000222229	0.00156219
606182.87	4201815.32	0.00005048	0.000925946	0.000382497	0.00135892	0.00000955	0.00007701	0.000032335	0.00011889	0.000229996	0.001444111	0.00059231	0.002266417	0.00009651	0.000595213	0.000155095	0.00084682
608186.19	4200824.75	0.00077078	0.000363121	0.000224836	0.00135874	0.00013036	0.00003211	0.000021918	0.00018439	0.00311289	0.000640244	0.000475859	0.004228993	0.00102401	0.000309255	0.000222493	0.00155576
608206.8	4200779.15	0.00077680	0.000356989	0.000223481	0.00135727	0.00013125	0.00003158	0.000021780	0.00018461	0.003134069	0.000629797	0.000472762	0.004236628	0.00102849	0.000304406	0.000220917	0.00155381
607756.4	4201533.95	0.00066490	0.000453909	0.00023823	0.00135704	0.00012034	0.00004206	0.000025874	0.00018828	0.002888334	0.000874383	0.000620483	0.0043832	0.00111212	0.000462559	0.000355334	0.00193001
607378.7	4201943.65	0.00050860	0.000556151	0.000289746	0.00135449	0.00021215	0.00009596	0.000078908	0.00038703	0.005300326	0.002784798	0.002835743	0.010920866	0.00433342	0.002324632	0.002572488	0.00923054
608213.67	4200756.35	0.00077529	0.000354906	0.000223334	0.00135353	0.00013103	0.00003141	0.000021777	0.00018422	0.003128896	0.000626423	0.000472913	0.004228232	0.00102752	0.000302939	0.000221247	0.00155170
608199.93	4200801.95	0.00076691	0.000358998	0.000223572	0.00134948	0.00012966	0.00003175	0.000021778	0.00018319	0.003096094	0.000633027	0.000472447	0.004201568	0.00101757	0.000305796	0.000220485	0.00154385
607636.96	4201667.56	0.00062931	0.000474882	0.000245142	0.00134933	0.00012274	0.00004691	0.000029814	0.00019946	0.002961245	0.001026536	0.000778417	0.004766198	0.00130897	0.000598581	0.000509557	0.00241710
608193.06	4200817.15	0.00076353	0.000360956	0.000224014	0.00134849	0.00012914	0.00003192	0.000021822	0.00018288	0.003083827	0.000636151	0.000473454	0.004193432	0.00101464	0.000307127	0.000220996	0.00154276
608206.8	4200786.75	0.00076633	0.000357126	0.000223115	0.00134657	0.00012954	0.00003172	0.000021731	0.00018299	0.003093381	0.000634883	0.000471379	0.004199643	0.00101635	0.000309493	0.000219928	0.00154578
608213.67	4200763.95	0.00076826	0.000354966	0.000222984	0.00134621	0.00012987	0.00003148	0.000021729	0.00018308	0.003101209	0.000629202	0.000471571	0.004201982	0.00101896	0.000305733	0.000220281	0.00154497
605933.49	4201706.71	0.00003804	0.000822487	0.000485109	0.00134563	0.00000726	0.00007475	0.000040707	0.00012272	0.000174958	0.001527715	0.00073794	0.002440613	0.00007459	0.000780017	0.000183056	0.00103766
608186.19	4200832.35	0.00075752	0.000362866	0.000224437	0.00134482	0.00012820	0.00003208	0.000021865	0.00018214	0.003061591	0.00063918	0.000474403	0.004175175	0.00100895	0.000308407	0.000221469	0.00153882
605984.44	4201737.55	0.00004004	0.00084504	0.000457818	0.00134289	0.00000764	0.00007445	0.000038473	0.00012057	0.000184174	0.00147888	0.000698866	0.002361921	0.00007852	0.000708328	0.000175268	0.00096212
608213.67	4200771.55	0.00076044	0.000354818	0.000222636	0.00133789	0.00012858	0.00003138	0.000021681	0.00018165	0.003070491	0.000625642	0.000470233	0.004166366	0.00100957	0.000302222	0.000219318	0.00153111
608199.93	4200809.55	0.00075496	0.000358805	0.000223192	0.00133695	0.00012771	0.00003172	0.000021727	0.00018116	0.003049787	0.000632071	0.000471044	0.004152902	0.00100389	0.000305001	0.000219492	0.00152839
608193.06	4200824.75	0.00075112	0.000360731	0.000223629	0.00133548	0.00012712	0.00003188	0.000021771	0.00018077	0.003035784	0.00063515	0.000472044	0.004142979	0.00100049	0.000306317	0.000220002	0.00152681
608206.8	4200794.35	0.00075572	0.000356846	0.000222748	0.00133532	0.00012781	0.00003155	0.000021682	0.00018105	0.003052146	0.000628927	0.000470009	0.004151082	0.00100409	0.000303650	0.000218956	0.00152669
607553.31	4201751.62	0.00058527	0.000497569	0.000251321	0.00133416	0.00012656	0.00005296	0.000034851	0.00021438	0.003073479	0.001222829	0.000986003	0.00528231	0.00157732	0.000778246	0.000715715	0.00307128
608220.54	4200733.55	0.00075803	0.000352744	0.000223169	0.00133394	0.00012831	0.00003122	0.000021769	0.00018130	0.003064127	0.000622894	0.000472955	0.004159976	0.00101015	0.000301387	0.000221486	0.00153302
608220.54	4200741.15	0.00075673	0.000352761	0.000222831	0.00133232	0.00012805	0.00003124	0.000021723	0.00018102	0.003058074	0.000623567	0.000471642	0.004153282	0.00100751	0.000302062	0.000220536	0.00153011
608186.19	4200839.95	0.00074488	0.000362584	0.000224034	0.00133150	0.00012615	0.00003204	0.000021812	0.00018000	0.003012693	0.000638097	0.000472964	0.004123753	0.00099456	0.000307566	0.000220467	0.00152259
608213.67	4200779.15	0.00075192	0.000354893	0.000222281	0.00132910	0.00012719	0.00003149	0.000021633	0.00018031	0.003037208	0.000629783	0.000468892	0.004135882	0.00099949	0.000306398	0.000218361	0.00152425
608220.54	4200748.75	0.00075341	0.000352704	0.000222485	0.00132860	0.00012748	0.00003120	0.000021676	0.00018036	0.003044398	0.000622195	0.000470323	0.004136916	0.00100281	0.000300709	0.000219590	0.00152311
607381.85	4201948.62	0.00049405	0.000548756	0.00028472	0.00132752	0.00020099	0.00009191	0.000074792	0.00036769	0.005017628	0.002640486	0.002666041	0.010324155	0.00406177	0.002183658	0.002403923	0.00864935
607655.79	4201662.74	0.00061784	0.000466422	0.000242343	0.00132661	0.00011924	0.00004557	0.000028881	0.00019369	0.002874761	0.000989021	0.000743512	0.004607293	0.00124846	0.000568191	0.000476981	0.00229363
607720.33	4201594.77	0.00063419	0.000453258	0.000238069	0.00132551	0.00011735	0.00004276	0.000026653	0.00018676	0.002821095	0.000902216	0.000654986	0.004378298	0.00113533	0.000491737	0.000391010	0.00201808
608199.93	4200817.15	0.00074338	0.000358592	0.000222812	0.00132478	0.00012583	0.00003168	0.000021677	0.00017919	0.003004907	0.000631105	0.000469661	0.004105673	0.00099064	0.000304214	0.000218522	0.00151337
608206.8	4200801.95	0.00074510	0.000356678	0.000222377	0.00132415	0.00012608	0.00003152	0.000021632	0.00017923	0.003010884	0.000628025	0.000468644	0.004107554	0.00099182	0.000302887	0.000217991	0.00151270
608220.54	4200756.35	0.00074859	0.000352745	0.000222136	0.00132347	0.00012667	0.00003126	0.000021628	0.00017956	0.003025074	0.000624194	0.000468999	0.004118267	0.00099655	0.000302721	0.000218644	0.00151792
608193.06	4200832.35	0.00073917	0.000360479	0.000223239	0.00132289	0.00012518	0.00003184	0.000021720	0.00017874	0.002989508	0.000634124	0.000470641	0.004094273	0.00098684	0.000305505	0.000219023	0.00151137
608213.67	4200786.75	0.00074298	0.000354699	0.000221922	0.00131960	0.00012572	0.00003136	0.000021585	0.00017866	0.003002311	0.000624827	0.000467561	0.004094699	0.00098898	0.000301499	0.000217419	0.00150790
608186.19	4200847.55	0.00073289	0.000362279	0.000223627	0.00131879	0.00012420	0.00003199	0.000021760	0.00017795	0.002966239	0.000636989	0.000471529	0.004074757	0.00098086	0.000306721	0.000219475	0.00150705
607756.4	4201557.99	0.00063615	0.000446281	0.000235468	0.00131790	0.00011583	0.00004148	0.000025670	0.00018298	0.002781297	0.000864385	0.000617495	0.004263177	0.00108415	0.000459604	0.000355538	0.00189929
608220.54	4200763.95	0.00074270	0.000352641	0.000221787	0.00131713	0.00012569	0.00003118	0.000021581	0.00017846	0.003001707	0.000621468	0.000467689	0.004090864	0.00098921	0.000300024	0.000217710	0.00150694
608206.8	4200809.55	0.00073458	0.000356483	0.000222005	0.00131306	0.00012436	0.00003149	0.000021583	0.00017744	0.00297002	0.000627098	0.000467286	0.004064404	0.00097968	0.000302122	0.000217038	0.00149884
608199.93	4200824.75	0.00073220	0.000358359	0.00022243	0.00131299	0.00012401	0.00003165	0.000021627	0.00017728	0.002961578	0.000630122	0.000468289	0.004059989	0.00097782	0.000303428	0.000217564	0.00149881
605504.84	4201447.88	0.00003872	0.000381016	0.000892293	0.00131203	0.00000705	0.00003413	0.000074314	0.00011549	0.000169265	0.000688528	0.001332699	0.002190492	0.00006596	0.000341661	0.000311362	0.00071898
608193.06	4200839.95	0.00072765	0.000360194	0.000222841	0.00131069	0.00012330	0.00003180	0.000021669	0.00017677	0.002944876	0.000633056	0.000469235	0.004047167	0.00097366	0.000304682	0.000218049	0.00149639
608220.54	4200771.55	0.00073605	0.000352682	0.00022144	0.00131017	0.00012459	0.00003127	0.000021535	0.00017739	0.002975478	0.00062476	0.000466383	0.004066621	0.00098109	0.000303362	0.000216780	0.00150123
608213.67	4200794.35	0.00073381	0.000354554	0.000221561	0.00130992	0.00012422	0.00003133	0.000021537	0.00017708	0.002966557	0.00062398	0.000466235	0.004056771	0.00097825	0.000300769	0.000216483	0.00149551
608186.19	4200855.15	0.00072152	0.000361954	0.000223214	0.00130669	0.00012234	0.00003195	0.000021707	0.00017600	0.002922157	0.000635867	0.000470102	0.004028126	0.00096782	0.000305881	0.000218498	0.00149220
605753.43	4201572.13	0.00003447	0.000661152	0.000609444	0.00130507	0.00000646	0.00011857	0.000050914	0.00017595	0.000155552	0.003483692	0.000917118	0.004556363	0.00006421	0.002941137	0.000219732	0.00322507
608227.41	4200733.55	0.00073155	0.000350553	0.000221966	0.00130407	0.00012398	0.00003102	0.000021620	0.00017662	0.002961057	0.000618657	0.000468983	0.004048697	0.00097933	0.000299138	0.000218828	0.00149729
607348.03	4202037.94	0.00047426	0.0005352	0.000294143	0.00130360	0.00024041	0.00010750	0.000093367	0.00044128	0.006038377	0.003264466	0.003460535	0.012763378	0.00527565	0.002836792	0.003209844	0.01132229
608227.41	4200741.15	0.00073070	0.000350532	0.000221633	0.00130286	0.00012380	0.00003100	0.000021574	0.00017637	0.002956742	0.000618004	0.000467709	0.004042455	0.00097721	0.000298488	0.000217914	0.00149361
607675.1	4201657.91	0.00060548	0.000457872	0.000239468	0.00130282	0.00011577	0.00004430	0.000028013	0.00018808	0.002789317	0.000953968	0.00071164	0.004454924	0.00119201	0.000540413	0.000447615	0.00218003
607493.12	4201817.49	0.00053488	0.000512309	0.000255367	0.00130256	0.00013119	0.00005910	0.000040470	0.00023076	0.00320851	0.001435119	0.001223753	0.005867382	0.00189179	0.000981931	0.000955430	0.00382915
608220.54	4200779.15	0.00072877	0.000352544	0.000221087	0.00130240	0.00012339	0.00003116	0.000021488	0.00017604	0.002946905	0.000620705	0.000465087	0.004032697	0.00097234	0.000299334	0.000215865	0.00148754
608206.8	4200817.15	0.00072424	0.000356261	0.000221628	0.00130213	0.00012268	0.00003146	0.000021534	0.00017567	0.002929879	0.000626146	0.00046594	0.004021965	0.00096775	0.000301357	0.000216101	0.00148521
608199.93	4200832.35	0.00072146	0.00035811	0.000222049	0.00130162	0.00012226	0.00003161	0.000021577	0.00017545	0.002919913	0.000629125	0.000466931	0.004015969	0.00096547	0.000302643	0.000216620	0.00148473
608213.67	4200801.95	0.00072451	0.00035438	0.000221195	0.00130008	0.00012270	0.00003130	0.000021489	0.00017548	0.002930327	0.000623099	0.000464907	0.004018332	0.00096740	0.000300032	0.000215552	0.00148299
608227.41	4200748.75	0.00072815	0.000350538	0.000221294	0.00129998	0.00012335	0.00003103	0.000021529	0.00017591	0.002946039	0.000619257	0.000466438	0.004031734	0.00097336	0.000299767	0.000217009	0.00149013
608193.06	4200847.55	0.00071665	0.000359887	0.000222439	0.00129898	0.00012151	0.00003176	0.000021617	0.00017489	0.002902228	0.000631978	0.000467847	0.004002054	0.00096104	0.000303870	0.000217098	0.00148201
607628.27	4201709.56	0.00058500	0.000469138	0.000242777	0.00129692	0.00011664	0.00004682	0.000030015	0.00019348	0.002818333	0.001032694	0.000792299	0.004643327	0.00129068	0.000610396	0.000526642	0.00242772
607607.03	4201729.35	0.00057695	0.000475173	0.000244406	0.00129652	0.00011763	0.00004819	0.000031098	0.00019692	0.002846318	0.001075695	0.000836324	0.004758337	0.00134817	0.000648735	0.000569986	0.00256690
608227.41	4200756.35	0.00072424	0.000350481	0.000220951	0.00129567	0.00012269	0.00003098	0.000021483	0.00017515	0.002930175	0.000617315	0.000465157	0.004012647	0.00096809	0.000297831	0.000216099	0.00148202
607748.62	4201581.33	0.00061801	0.000442892	0.000234262	0.00129517	0.00011333	0.00004136	0.000025731	0.00018043	0.002722726	0.000865412	0.000622797	0.004210936	0.00107661	0.000463901	0.000362424	0.00190293
608186.19	4200862.75	0.00071068	0.000361605	0.000222794	0.00129507	0.00012058	0.00003191	0.000021654	0.00017414	0.002880094	0.000634724	0.000468685	0.003983504	0.00095536	0.000305043	0.000217539	0.00147795
606085.67	4201779.79	0.00004236	0.000848115	0.000403853	0.00129432	0.00000809	0.00007209	0.000034031	0.00011420	0.000194796	0.001382702	0.000620587	0.002198085	0.00008302	0.000606713	0.000158824	0.00084856
608220.54	4200786.75	0.00072110	0.000352421	0.000220734	0.00129426	0.00012213	0.00003113	0.000021441	0.00017470	0.00291685	0.000619904	0.000463788	0.004000542	0.00096319	0.000298629	0.000214948	0.00147677
608206.8	4200824.75	0.00071414	0.000356016	0.000221245	0.00129140	0.00012103	0.00003142	0.000021484	0.00017393	0.002890643	0.000625167	0.000464596	0.003980406	0.00095609	0.000300588	0.000215172	0.00147185
605910.7	4201707.38	0.00003685	0.000770206	0.000483773	0.00129083	0.00000705	0.00007194	0.000040585	0.00011957	0.000169769	0.001505332	0.000735457	0.002410558	0.00007255	0.000807098	0.000182087	0.00106174
605633.16	4201493.26	0.00003795	0.000466885	0.000785985	0.00129082	0.00000698	0.00004717	0.000065525	0.00011968	0.000167656	0.001050007	0.001176794	0.002394457	0.00006662	0.000630315	0.000277221	0.00097415
608199.93	4200839.95	0.00071102	0.000357826	0.000221658	0.00129050	0.00012055	0.00003157	0.000021527	0.00017365	0.002879362	0.000628089	0.00046557	0.003973021	0.00095344	0.000301852	0.000215684	0.00147098
605803.82	4201672.8	0.00003858	0.000698463	0.000553255	0.00129030	0.00000732	0.00008046	0.000046340	0.00013412	0.000176179	0.00195238	0.000837865	0.002966425	0.00007420	0.001334410	0.000204926	0.00161354
608227.41	4200763.95	0.00071929	0.000350404	0.000220605	0.00129030	0.00012186	0.00003096	0.000021436	0.00017425	0.002910396	0.000616599	0.00046388	0.003990874	0.00096176	0.000297169	0.000215196	0.00147413
608213.67	4200809.55	0.00071521	0.00035418	0.000220827	0.00129022	0.00012118	0.00003126	0.000021441	0.00017388	0.002894142	0.000622191	0.00046359	0.003979923	0.00095658	0.000299291	0.000214634	0.00147050
608193.06	4200855.15	0.00070616	0.00035956	0.000222031	0.00128775	0.00011980	0.00003172	0.000021565	0.00017308	0.002861494	0.000630875	0.000466458	0.003958827	0.00094896	0.000303052	0.000216154	0.00146816
607691.99	4201650.19	0.00059840	0.000451458	0.000237294	0.00128715	0.00011346	0.00004332	0.000027338	0.00018412	0.002732133	0.000926863	0.000686736	0.004345733	0.00115039	0.000518746	0.000424583	0.00209371
607276.28	4201925.31	0.00042432	0.000590755	0.000271068	0.00128615	0.00012014	0.00006794	0.000044494	0.00023258	0.002958711	0.001646957	0.001366401	0.005972069	0.00196655	0.001124170	0.001083498	0.00417422
608220.54	4200794.35	0.00071320	0.000352281	0.000220384	0.00128587	0.00012084	0.00003110	0.000021394	0.00017333	0.002885974	0.000619098	0.000462516	0.003967588	0.00095384	0.000297937	0.000214056	0.00146583
607369.05	4201993.63	0.00046569	0.000536303	0.000283131	0.00128513	0.00020376	0.00009376	0.000077703	0.00037523	0.005097862	0.00273271	0.002797151	0.010627723	0.00424352	0.002290193	0.002540651	0.00907436
608227.41	4200771.55	0.00071359	0.000350484	0.000220259	0.00128434	0.00012091	0.00003105	0.000021390	0.00017335	0.00288784	0.000619808	0.000462615	0.003970263	0.00095469	0.000300384	0.000214306	0.00146938
608186.19	4200870.35	0.00070035	0.000361231	0.00022237	0.00128395	0.00011889	0.00003186	0.000021601	0.00017235	0.002839997	0.00063356	0.000467276	0.003940834	0.00094346	0.000304206	0.000216593	0.00146426
607647.58	4201700.87	0.00057974	0.000461649	0.000240427	0.00128182	0.00011397	0.00004550	0.000029051	0.00018852	0.002751127	0.000994127	0.0007551	0.004500355	0.00123191	0.000577998	0.000491174	0.00230108
608206.8	4200832.35	0.00070442	0.00035576	0.000220867	0.00128104	0.00011944	0.00003138	0.000021435	0.00017226	0.002852846	0.000624183	0.000463269	0.003940299	0.00094483	0.000299823	0.000214257	0.00145891
608213.67	4200817.15	0.00070600	0.000353955	0.000220455	0.00128041	0.00011967	0.00003123	0.000021393	0.00017230	0.002858306	0.000621259	0.000462283	0.003941848	0.00094587	0.000298551	0.000213731	0.00145815
608199.93	4200847.55	0.00070096	0.00035752	0.000221263	0.00127975	0.00011891	0.00003153	0.000021476	0.00017192	0.002840317	0.000627028	0.000464216	0.003931561	0.00094184	0.000301058	0.000214760	0.00145765
608227.41	4200779.15	0.00070730	0.000350294	0.000219907	0.00127750	0.00011987	0.00003093	0.000021344	0.00017215	0.002863027	0.000615839	0.000461344	0.00394021	0.00094700	0.000296495	0.000213416	0.00145692
608220.54	4200801.95	0.00070507	0.000352106	0.000220024	0.00127720	0.00011950	0.00003107	0.000021347	0.00017192	0.002854194	0.000618241	0.000461231	0.003933667	0.00094425	0.000297225	0.000213162	0.00145463
608193.06	4200862.75	0.00069616	0.000359208	0.000221617	0.00127698	0.00011817	0.00003168	0.000021513	0.00017136	0.002822651	0.000629753	0.000465076	0.00391748	0.00093741	0.000302237	0.000215225	0.00145487
606130.58	4201805.26	0.00004498	0.000846572	0.000384336	0.00127588	0.00000857	0.00007124	0.000032441	0.00011224	0.000206322	0.00135252	0.00059296	0.002151802	0.00008756	0.000577225	0.000153580	0.00081837
608234.28	4200741.15	0.00070698	0.000348356	0.000220443	0.00127578	0.00011991	0.00003080	0.000021427	0.00017214	0.002864199	0.000613801	0.000463841	0.003941841	0.00094937	0.000296259	0.000215349	0.00146098
608234.28	4200748.75	0.00070501	0.000348331	0.00022011	0.00127345	0.00011956	0.00003078	0.000021383	0.00017173	0.002855719	0.000613173	0.000462609	0.003931502	0.00094616	0.000295639	0.000214477	0.00145628
607290.64	4201984.81	0.00042857	0.000563724	0.00027969	0.00127198	0.00016732	0.00008400	0.000064648	0.00031596	0.004171498	0.002310862	0.002231889	0.008714249	0.00331938	0.001831161	0.001963385	0.00711392
608206.8	4200839.95	0.00069498	0.000355483	0.000220486	0.00127095	0.00011790	0.00003135	0.000021387	0.00017063	0.002816172	0.00062318	0.000461953	0.003901306	0.00093390	0.000299060	0.000213356	0.00144631
605755.8	4201636.77	0.00003555	0.000660636	0.000574655	0.00127084	0.00000673	0.00010832	0.000048071	0.00016312	0.000162063	0.003089149	0.000867542	0.004118753	0.00006807	0.002536858	0.000210043	0.00281497
608213.67	4200824.75	0.00069694	0.000353705	0.000220077	0.00127072	0.00011819	0.00003120	0.000021344	0.00017073	0.00282302	0.000620294	0.00046097	0.003904284	0.00093531	0.000297800	0.000212829	0.00144594
608227.41	4200786.75	0.00070067	0.000350167	0.000219559	0.00127040	0.00011878	0.00003091	0.000021298	0.00017099	0.002836951	0.000615061	0.00046009	0.003912102	0.00093899	0.000295819	0.000212540	0.00144734
608234.28	4200756.35	0.00070182	0.000348346	0.000219773	0.00126994	0.00011901	0.00003081	0.000021338	0.00017117	0.002842636	0.000614381	0.000461375	0.003918393	0.00094170	0.000296864	0.000213607	0.00145217
608199.93	4200855.15	0.00069130	0.00035719	0.00022086	0.00126935	0.00011734	0.00003149	0.000021426	0.00017025	0.002802763	0.000625949	0.000462866	0.003891578	0.00093066	0.000300266	0.000213850	0.00144478
607546.5	4201792.51	0.00053494	0.000487619	0.000246622	0.00126918	0.00011880	0.00005226	0.000034558	0.00020562	0.00288941	0.00121212	0.000983314	0.005084843	0.00153206	0.000776784	0.000718528	0.00302737
608220.54	4200809.55	0.00069684	0.000351901	0.000219661	0.00126841	0.00011816	0.00003104	0.000021300	0.00017050	0.002822097	0.000617351	0.000459953	0.003899401	0.00093458	0.000296508	0.000212278	0.00144336
607664.96	4201692.67	0.00057472	0.000454936	0.000238265	0.00126792	0.00011171	0.00004439	0.000028259	0.00018435	0.002694458	0.00096233	0.00072504	0.004381829	0.00118423	0.000551803	0.000462824	0.00219886
607583.98	4201765.25	0.00054725	0.000476336	0.000243707	0.00126730	0.00011539	0.00004926	0.000032075	0.00019672	0.002797884	0.001114833	0.000880675	0.004793391	0.00138927	0.000687774	0.000616429	0.00269347
607751.45	4201596.89	0.00059771	0.000436877	0.000232085	0.00126668	0.00011000	0.00004084	0.000025505	0.00017634	0.00264325	0.000855154	0.00061757	0.004115974	0.00105246	0.000459135	0.000359633	0.00187122
608193.06	4200870.35	0.00068658	0.000358837	0.0002212	0.00126661	0.00011660	0.00003163	0.000021462	0.00016970	0.002785405	0.000628617	0.000463709	0.003877731	0.00092632	0.000301427	0.000214313	0.00144206
607181.85	4201948.62	0.00038115	0.000619993	0.000265216	0.00126636	0.00007038	0.00005653	0.000029322	0.00015623	0.001707015	0.001158672	0.003311554	0.006177241	0.00085269	0.000595239	0.000418909	0.00186684
607281.85	4201948.62	0.00041746	0.000577057	0.000271602	0.00126612	0.00013137	0.00007168	0.000049690	0.00025274	0.003249934	0.001813542	0.002999575	0.00806305	0.00231681	0.001308185	0.001316097	0.00494109
608234.28	4200763.95	0.00069771	0.00034828	0.000219435	0.00126542	0.00011832	0.00003076	0.000021294	0.00017038	0.002826086	0.000612514	0.000460146	0.003898746	0.00093630	0.000295012	0.000212744	0.00144406
607279.97	4201945.82	0.00041570	0.000578567	0.000270819	0.00126508	0.00012765	0.00007045	0.000048184	0.00024628	0.003154573	0.001763627	0.001528808	0.006447008	0.00221503	0.001255532	0.001250823	0.00472138
605753.43	4201592.62	0.00003398	0.000640947	0.000589872	0.00126480	0.00000640	0.00011330	0.000049298	0.00016900	0.000154064	0.00331378	0.000888502	0.004356346	0.00006410	0.002786160	0.000213534	0.00306380
607331.85	4202098.62	0.00045631	0.000514263	0.000293568	0.00126414	0.00025406	0.00011230	0.000100218	0.00046658	0.006395327	0.003483956	0.003762316	0.013641599	0.00573566	0.003082013	0.003520897	0.01233856
608227.41	4200794.35	0.00069378	0.000350021	0.000219213	0.00126302	0.00011764	0.00003088	0.000021253	0.00016978	0.00280992	0.000614266	0.000458847	0.003883033	0.00093072	0.000295142	0.000211673	0.00143753
608213.67	4200832.35	0.00068808	0.000353437	0.000219698	0.00126122	0.00011675	0.00003116	0.000021296	0.00016920	0.002788558	0.000619322	0.000459679	0.00386756	0.00092501	0.000297060	0.000211952	0.00143403
608206.8	4200847.55	0.00068581	0.000355177	0.000220098	0.00126109	0.00011640	0.00003131	0.000021338	0.00016905	0.002780503	0.000622151	0.000460644	0.003863298	0.00092326	0.000298296	0.000212470	0.00143402
608234.28	4200771.55	0.00069285	0.000348197	0.000219093	0.00126014	0.00011751	0.00003074	0.000021249	0.00016950	0.002806742	0.000611812	0.000458916	0.00387747	0.00093014	0.000294371	0.000211885	0.00143640
608220.54	4200817.15	0.00068863	0.000351672	0.000219294	0.00125960	0.00011681	0.00003101	0.000021253	0.00016907	0.002790066	0.000616436	0.000458679	0.003865181	0.00092494	0.000295788	0.000211404	0.00143214
608199.93	4200862.75	0.00068204	0.000356837	0.000220451	0.00125933	0.00011582	0.00003145	0.000021375	0.00016865	0.002766766	0.000624849	0.000461523	0.003853138	0.00091993	0.000299475	0.000212954	0.00143236
605484.66	4201447.47	0.00003766	0.000353374	0.000865954	0.00125699	0.00000686	0.00003158	0.000072122	0.00011056	0.000164717	0.000635702	0.001293458	0.002093877	0.00006425	0.000313924	0.000302272	0.00068045
607284.07	4201963.88	0.00041445	0.000569535	0.000272488	0.00125647	0.00013943	0.00007442	0.000053331	0.00026718	0.003458254	0.001931742	0.001751009	0.007141006	0.00256121	0.001436651	0.001477369	0.00547523
608227.41	4200801.95	0.00068670	0.000349851	0.000218863	0.00125541	0.00011648	0.00003085	0.000021208	0.00016854	0.002782149	0.000613445	0.000457613	0.003853207	0.00092226	0.000294463	0.000210818	0.00142754
607715.16	4201646.81	0.00058035	0.000441016	0.000233647	0.00125501	0.00010917	0.00004193	0.000026443	0.00017754	0.002627423	0.000890417	0.000655327	0.004173167	0.00109058	0.000491351	0.000396609	0.00197854
608234.28	4200779.15	0.00068745	0.000348084	0.000218748	0.00125428	0.00011661	0.00003072	0.000021204	0.00016853	0.002785331	0.00061107	0.000457683	0.003854085	0.00092342	0.000293718	0.000211027	0.00142816
607081.85	4201948.62	0.00031026	0.000670449	0.000273174	0.00125389	0.00006114	0.00005834	0.000027584	0.00014707	0.001476174	0.001145225	0.000869281	0.00349068	0.00066361	0.000533145	0.000313368	0.00151013
608240.73	4200729.53	0.00068658	0.000346256	0.000219842	0.00125268	0.00011663	0.00003063	0.000021359	0.00016861	0.002785991	0.000610675	0.000462113	0.003858779	0.00092697	0.000295062	0.000214284	0.00143632
608240.38	4200722.19	0.00068583	0.000346297	0.000220224	0.00125235	0.00011655	0.00003065	0.000021409	0.00016861	0.002784292	0.000611382	0.000463481	0.003859154	0.00092747	0.000295748	0.000215238	0.00143846
607131.85	4201948.62	0.00033730	0.000645599	0.000269352	0.00125226	0.00006533	0.00005724	0.000028222	0.00015078	0.001580094	0.00114363	0.003910612	0.006634337	0.00074218	0.000555296	0.000355170	0.00165264
608213.67	4200839.95	0.00067953	0.000353161	0.000219325	0.00125202	0.00011535	0.00003112	0.000021249	0.00016772	0.002755256	0.000618346	0.000458405	0.003832007	0.00091504	0.000296323	0.000211085	0.00142245
608206.8	4200855.15	0.00067692	0.000354845	0.000219701	0.00125147	0.00011495	0.00003126	0.000021288	0.00016751	0.002745922	0.000621094	0.000459335	0.003826351	0.00091294	0.000297530	0.000211595	0.00142206
608220.54	4200824.75	0.00068050	0.000351419	0.000218921	0.00125083	0.00011548	0.00003097	0.000021206	0.00016766	0.002758321	0.000615493	0.000457406	0.00383122	0.00091540	0.000295063	0.000210538	0.00142100

608241.15	4200741.15	0.00068533	0.000346174	0.000219266	0.00125077	0.00011636	0.00003058	0.000021283	0.00016823	0.002779568	0.000609008	0.000460042	0.003848618	0.00092375	0.000293431	0.000212838	0.00143002
605752.64	4201613.91	0.00003402	0.000639286	0.000576496	0.00124980	0.00000643	0.00011201	0.000048199	0.00016664	0.000154811	0.003266682	0.000869212	0.004290705	0.00006484	0.002739431	0.000209575	0.00301384
608199.93	4200870.35	0.00067316	0.000356465	0.00022004	0.00124967	0.00011437	0.00003140	0.000021324	0.00016710	0.002732231	0.000623735	0.000460192	0.003816158	0.00090962	0.000298689	0.000212074	0.00142038
605963.66	4201742.24	0.00003747	0.00076551	0.000446048	0.00124903	0.00000718	0.00006885	0.000037475	0.00011350	0.000173125	0.001393789	0.000680534	0.002247448	0.00007434	0.000697159	0.000170386	0.00094189
608241.15	4200748.75	0.00068374	0.000346178	0.000218935	0.00124885	0.00011607	0.00003060	0.000021239	0.00016791	0.002772546	0.000609581	0.000458845	0.003840972	0.00092098	0.000294015	0.000212000	0.00142700
608234.28	4200786.75	0.00068164	0.000347944	0.000218401	0.00124798	0.00011565	0.00003069	0.000021159	0.00016750	0.002762386	0.000610296	0.000456457	0.003829139	0.00091629	0.000293058	0.000210178	0.00141953
608227.41	4200809.55	0.00067943	0.000349645	0.000218507	0.00124758	0.00011529	0.00003082	0.000021162	0.00016727	0.002753709	0.00061258	0.000456377	0.003822666	0.00091363	0.000293773	0.000209970	0.00141738
607231.85	4201948.62	0.00039140	0.00059324	0.000262426	0.00124706	0.00008421	0.00005809	0.000033042	0.00017534	0.00205415	0.001262794	0.00416074	0.007477684	0.00115518	0.000727669	0.000596252	0.00247910
607541.39	4201808.98	0.00051704	0.000484757	0.000245069	0.00124687	0.00011635	0.00005219	0.000034596	0.00020313	0.002832059	0.001214057	0.000988319	0.005034436	0.00152511	0.000781511	0.000725520	0.00303214
608241.15	4200756.35	0.00068113	0.000346146	0.000218604	0.00124587	0.00011562	0.00003056	0.000021196	0.00016738	0.002761693	0.000608397	0.000457647	0.003827737	0.00091716	0.000292831	0.000211161	0.00142116
608213.67	4200847.55	0.00067119	0.000352859	0.000218945	0.00124299	0.00011398	0.00003108	0.000021201	0.00016627	0.002722741	0.000617344	0.000457133	0.003797218	0.00090529	0.000295584	0.000210227	0.00141110
608206.8	4200862.75	0.00066836	0.000354491	0.000219297	0.00124215	0.00011355	0.00003122	0.000021239	0.00016601	0.002712578	0.000620016	0.000458027	0.003790621	0.00090296	0.000296763	0.000210729	0.00141045
608220.54	4200832.35	0.00067246	0.000351141	0.000218543	0.00124214	0.00011416	0.00003094	0.000021158	0.00016626	0.002726971	0.000614528	0.000456142	0.003797642	0.00090598	0.000294339	0.000209686	0.00141000
608241.15	4200763.95	0.00067772	0.000346097	0.000218275	0.00124210	0.00011504	0.00003055	0.000021153	0.00016674	0.002747874	0.00060777	0.000456467	0.003812112	0.00091255	0.000292234	0.000210338	0.00141513
608234.28	4200794.35	0.00067555	0.000347784	0.000218053	0.00124138	0.00011464	0.00003066	0.000021114	0.00016642	0.002738394	0.000609507	0.000455247	0.003803148	0.00090889	0.000292402	0.000209346	0.00141064
605459.12	4201443.35	0.00003738	0.000341567	0.000861798	0.00124075	0.00000680	0.00003029	0.000071774	0.00010887	0.000163394	0.000605467	0.001287134	0.002055995	0.00006366	0.000294208	0.000300701	0.00065857
605756.59	4201550.06	0.00003618	0.000644178	0.000560183	0.00124054	0.00000675	0.00010614	0.000046888	0.00015977	0.000162267	0.003032224	0.000846916	0.004041407	0.00006626	0.002494211	0.000206010	0.00276648
607687.16	4201688.32	0.00056069	0.000444933	0.000234869	0.00124050	0.00010782	0.00004294	0.000027283	0.00017804	0.002598748	0.000922863	0.000689576	0.004211187	0.00112159	0.000520888	0.000430383	0.00207286
608227.41	4200817.15	0.00067210	0.000349412	0.000218144	0.00123965	0.00011408	0.00003079	0.000021116	0.00016599	0.002725034	0.000611681	0.000455136	0.003791851	0.00090495	0.000293074	0.000209125	0.00140714
607281.85	4201998.62	0.00041498	0.00055267	0.000271174	0.00123883	0.00014622	0.00007678	0.000057175	0.00028018	0.00363836	0.002050494	0.004151319	0.009840173	0.00281806	0.001574624	0.001655237	0.00604793
608241.15	4200771.55	0.00067361	0.000346014	0.000217941	0.00123756	0.00011435	0.00003052	0.000021109	0.00016598	0.002731365	0.000607094	0.000455279	0.003793738	0.00090721	0.000291621	0.000209512	0.00140834
608234.28	4200801.95	0.00066935	0.000347618	0.000217714	0.00123469	0.00011362	0.00003064	0.000021070	0.00016533	0.002714047	0.000608716	0.000454054	0.003776817	0.00090140	0.000291749	0.000208523	0.00140168
605375.91	4201424.82	0.00003778	0.000329687	0.000866904	0.00123437	0.00000685	0.00002856	0.000072191	0.00010761	0.000164528	0.000558382	0.001294403	0.002017313	0.00006365	0.000257274	0.000302116	0.00062304
608213.67	4200855.15	0.00066302	0.000352525	0.000218553	0.00123409	0.00011264	0.00003104	0.000021152	0.00016484	0.002690904	0.000616305	0.000455856	0.003763065	0.00089575	0.000294837	0.000209380	0.00139997
608220.54	4200839.95	0.00066470	0.000350865	0.000218176	0.00123374	0.00011289	0.00003090	0.000021112	0.00016490	0.002696696	0.000613578	0.000454907	0.003765181	0.00089686	0.000293628	0.000208852	0.00139935
608206.8	4200870.35	0.00066012	0.000354118	0.000218891	0.00123313	0.00011221	0.00003118	0.000021189	0.00016457	0.002680506	0.000618922	0.000456728	0.003756156	0.00089335	0.000295997	0.000209876	0.00139923
608241.15	4200779.15	0.00066893	0.000345895	0.0002176	0.00123243	0.00011357	0.00003050	0.000021065	0.00016513	0.00271273	0.000606374	0.00045409	0.003773193	0.00090129	0.000290995	0.000208694	0.00140098
606186.89	4201842.13	0.00004854	0.000824083	0.000359677	0.00123230	0.00000922	0.00006874	0.000030435	0.00010839	0.000222112	0.00129305	0.000558255	0.002073417	0.00009388	0.000537741	0.000147160	0.00077878
608227.41	4200824.75	0.00066478	0.000349156	0.000217776	0.00123172	0.00011288	0.00003075	0.000021070	0.00016470	0.002696444	0.000610757	0.000453899	0.003761099	0.00089629	0.000292371	0.000208289	0.00139696
607577.16	4201791.94	0.00051848	0.000471186	0.00024102	0.00123068	0.00011120	0.00004900	0.000032012	0.00019221	0.002699067	0.001113264	0.000883722	0.004696053	0.00137064	0.000691095	0.000622753	0.00268449
608248.07	4200730.93	0.00066532	0.000343995	0.000218537	0.00122785	0.00011312	0.00003040	0.000021197	0.00016472	0.002702454	0.000605528	0.00045786	0.003765842	0.00090134	0.000291946	0.000211459	0.00140474
608234.28	4200809.55	0.00066292	0.000347412	0.000217363	0.00122769	0.00011256	0.00003060	0.000021026	0.00016419	0.00268879	0.000607877	0.000452858	0.003749525	0.00089368	0.000291085	0.000207709	0.00139248
608248.02	4200741.15	0.00066550	0.000344037	0.000218105	0.00122764	0.00011310	0.00003038	0.000021141	0.00016462	0.002701859	0.000604862	0.000456317	0.003763039	0.00090009	0.000291223	0.000210386	0.00140170
607733.02	4201646.81	0.00056396	0.000432462	0.000230596	0.00122701	0.00010560	0.00004087	0.000025785	0.00017225	0.002540584	0.000863487	0.000633049	0.004037121	0.00104554	0.000471910	0.000377319	0.00189477
608241.15	4200786.75	0.00066383	0.000345747	0.000217256	0.00122684	0.00011272	0.00003047	0.000021021	0.00016421	0.002692524	0.000605615	0.0004529	0.003751039	0.00089495	0.000290359	0.000207879	0.00139318
606090.36	4201797.89	0.00004189	0.00079525	0.000388893	0.00122604	0.00000801	0.00006773	0.000032790	0.00010853	0.000192969	0.001301829	0.00059846	0.002093258	0.00008245	0.000574347	0.000153826	0.00081062
608248.02	4200748.75	0.00066420	0.000344019	0.000217774	0.00122599	0.00011286	0.00003037	0.000021098	0.00016432	0.00269598	0.000604292	0.000455149	0.003755421	0.00089767	0.000290655	0.000209577	0.00139790
608248.42	4200723.59	0.00066287	0.000343835	0.000218794	0.00122550	0.00011276	0.00003040	0.000021231	0.00016439	0.002693997	0.000605742	0.000458797	0.003758537	0.00089969	0.000292320	0.000212118	0.00140413
608220.54	4200847.55	0.00065707	0.000350562	0.000217801	0.00122543	0.00011164	0.00003086	0.000021066	0.00016357	0.00266694	0.000612594	0.000453672	0.003733206	0.00088791	0.000292910	0.000208026	0.00138884
608213.67	4200862.75	0.00065511	0.000352169	0.000218154	0.00122543	0.00011135	0.00003100	0.000021104	0.00016345	0.00266007	0.000615244	0.000454581	0.003729895	0.00088650	0.000294089	0.000208542	0.00138913
607283.25	4202005.74	0.00040118	0.000550507	0.000273048	0.00122473	0.00015397	0.00007942	0.000060337	0.00029373	0.003836546	0.002156083	0.002057117	0.008049746	0.00303022	0.001685021	0.001791524	0.00650677
608227.41	4200832.35	0.00065753	0.000348879	0.000217404	0.00122381	0.00011169	0.00003072	0.000021023	0.00016343	0.0026681	0.000609815	0.00045267	0.003730586	0.00088773	0.000291670	0.000207467	0.00138687
608248.02	4200756.35	0.00066205	0.000343987	0.000217449	0.00122349	0.00011248	0.00003035	0.000021056	0.00016389	0.002686949	0.000603708	0.000453997	0.003744653	0.00089439	0.000290086	0.000208778	0.00139326
605397.74	4201432.23	0.00003742	0.000327737	0.000857915	0.00122307	0.00000680	0.00002858	0.000071447	0.00010683	0.000163225	0.000562338	0.001281179	0.002006743	0.00006334	0.000263199	0.000299187	0.00062573
608241.15	4200794.35	0.00065847	0.000345581	0.000216912	0.00122097	0.00011183	0.00003045	0.000020977	0.00016325	0.002671334	0.000604839	0.000451718	0.00372789	0.00088834	0.000289720	0.000207072	0.00138513
608234.28	4200817.15	0.00065638	0.000347178	0.000217007	0.00122056	0.00011149	0.00003057	0.000020981	0.00016304	0.002663146	0.000607001	0.000451657	0.003721805	0.00088586	0.000290410	0.000206897	0.00138317
608248.02	4200763.95	0.00065919	0.000343936	0.000217126	0.00122025	0.00011199	0.00003033	0.000021014	0.00016333	0.002675192	0.000603098	0.000452853	0.003731143	0.00089038	0.000289510	0.000207985	0.00138787
607281.85	4202048.62	0.00041183	0.000532576	0.000274839	0.00121925	0.00017237	0.00008558	0.000068582	0.00032653	0.004312	0.002423091	0.003370002	0.010105093	0.00358555	0.001976116	0.002157394	0.00771906
607708.4	4201680.6	0.00055104	0.000436246	0.000231881	0.00121917	0.00010494	0.00004172	0.000026473	0.00017312	0.002527646	0.000890034	0.000660485	0.004078165	0.00107259	0.000495523	0.000404010	0.00197212
608220.54	4200855.15	0.00064958	0.000350229	0.000217416	0.00121722	0.00011041	0.00003082	0.000021018	0.00016225	0.002637707	0.000611578	0.000452431	0.003701717	0.00087911	0.000292186	0.000207207	0.00137850
608213.67	4200870.35	0.00064745	0.000351796	0.000217752	0.00121700	0.00011010	0.00003095	0.000021055	0.00016211	0.002630224	0.00061417	0.000453316	0.00369771	0.00087753	0.000293345	0.000207718	0.00137859
608248.02	4200771.55	0.00065567	0.000343849	0.000216798	0.00121631	0.00011139	0.00003031	0.000020971	0.00016267	0.002660952	0.000602439	0.000451701	0.003715092	0.00088568	0.000288917	0.000207190	0.00138179
608227.41	4200839.95	0.00065042	0.00034859	0.000217036	0.00121605	0.00011053	0.00003068	0.000020978	0.00016218	0.002640326	0.000608871	0.000451463	0.00370066	0.00087934	0.000290977	0.000206662	0.00137698
607381.85	4201998.62	0.00042970	0.000517385	0.000268555	0.00121564	0.00016997	0.00008125	0.000064758	0.00031598	0.004239365	0.002281329	0.002260762	0.008781456	0.00339218	0.001845219	0.002006298	0.00724370
605438.52	4201442.12	0.00003703	0.000329823	0.000848774	0.00121562	0.00000674	0.00002913	0.000070691	0.00010656	0.000161841	0.000579927	0.001267774	0.002009542	0.00006306	0.000279247	0.000296251	0.00063856
605888.57	4201714.09	0.00003545	0.000704331	0.000475294	0.00121507	0.00000679	0.00006835	0.000039870	0.00011502	0.000163699	0.001475654	0.000722406	0.002361759	0.00007024	0.000839708	0.000178731	0.00108868
608241.15	4200801.95	0.00065297	0.000345408	0.000216575	0.00121496	0.00011092	0.00003042	0.000020934	0.00016227	0.002649636	0.000604057	0.000450555	0.003704248	0.00088161	0.000289084	0.000206276	0.00137697
607346.86	4202072.72	0.00042794	0.000507724	0.000279283	0.00121495	0.00021234	0.00009719	0.000083475	0.00039300	0.005330288	0.002912103	0.003058672	0.011301063	0.00462704	0.002501594	0.002814184	0.00994282
608234.28	4200824.75	0.00064978	0.000346915	0.000216641	0.00121333	0.00011040	0.00003054	0.000020935	0.00016187	0.002637281	0.000606086	0.000450446	0.003693814	0.00087798	0.000289724	0.000206085	0.00137379
608248.02	4200779.15	0.00065160	0.000343724	0.000216462	0.00121178	0.00011071	0.00003029	0.000020928	0.00016192	0.002644657	0.000601734	0.000450547	0.003696938	0.00088044	0.000288313	0.000206402	0.00137515
608220.54	4200862.75	0.00064227	0.000349872	0.000217022	0.00120917	0.00010922	0.00003078	0.000020971	0.00016097	0.002609194	0.00061054	0.00045119	0.003670924	0.00087052	0.000291463	0.000206399	0.00136838
608241.15	4200809.55	0.00064726	0.000345201	0.000216231	0.00120869	0.00010997	0.00003039	0.000020891	0.00016126	0.002627136	0.000603236	0.000449395	0.003679767	0.00087467	0.000288441	0.000205491	0.00136861
608227.41	4200847.55	0.00064345	0.000348285	0.000216667	0.00120840	0.00010938	0.00003064	0.000020932	0.00016096	0.002613059	0.000607903	0.000450257	0.003671219	0.00087109	0.000290276	0.000205861	0.00136722
608248.02	4200786.75	0.00064712	0.000343571	0.000216122	0.00120681	0.00010996	0.00003026	0.000020885	0.00016111	0.002626849	0.000600995	0.000449396	0.003677241	0.00087479	0.000287702	0.000205623	0.00136812
608234.28	4200832.35	0.00064321	0.000346636	0.000216274	0.00120612	0.00010932	0.00003050	0.000020890	0.00016071	0.002611577	0.000605164	0.000449253	0.003665995	0.00087017	0.000289045	0.000205294	0.00136451
608254.89	4200741.15	0.00064722	0.00034192	0.000216957	0.00120610	0.00011009	0.00003017	0.000021001	0.00016126	0.002630072	0.000600219	0.000452663	0.003682953	0.00087811	0.000288486	0.000207990	0.00137458
607574.23	4201809.28	0.00049957	0.000466806	0.000238877	0.00120526	0.00010819	0.00004864	0.000031832	0.00018866	0.002627517	0.001106913	0.000880446	0.004614875	0.00135093	0.000688771	0.000621926	0.00266163
605416.69	4201438.82	0.00003697	0.000323878	0.000844017	0.00120487	0.00000673	0.00002844	0.000070295	0.00010547	0.000161518	0.000563309	0.001260671	0.001985498	0.00006287	0.000267889	0.000294593	0.00062535
608255.41	4200731.98	0.00064578	0.000341749	0.00021726	0.00120479	0.00010989	0.00003017	0.000021041	0.00016111	0.002625536	0.000600483	0.000453749	0.003679768	0.00087763	0.000288920	0.000208748	0.00137530
608254.89	4200748.75	0.00064619	0.000341895	0.00021663	0.00120471	0.00010989	0.00003016	0.000020959	0.00016100	0.002625265	0.000599663	0.000451531	0.00367646	0.00087602	0.000287940	0.000207214	0.00137117
608255.76	4200725.34	0.00064376	0.0003416	0.00021748	0.00120284	0.00010960	0.00003017	0.000021070	0.00016084	0.002618574	0.000600643	0.000454543	0.00367376	0.00087629	0.000289227	0.000209303	0.00137482
608254.89	4200756.35	0.00064438	0.000341853	0.000216308	0.00120255	0.00010957	0.00003014	0.000020918	0.00016062	0.002617553	0.000599085	0.000450409	0.003667047	0.00087313	0.000287387	0.000206442	0.00136696
608241.15	4200817.15	0.00064140	0.000344964	0.000215879	0.00120224	0.00010901	0.00003036	0.000020847	0.00016021	0.002604093	0.000602377	0.000448227	0.003654697	0.00086760	0.000287786	0.000204708	0.00136009
608248.02	4200794.35	0.00064239	0.000343401	0.000215782	0.00120157	0.00010917	0.00003023	0.000020842	0.00016025	0.002608056	0.000600229	0.000448243	0.003656528	0.00086887	0.000287079	0.000204839	0.00136079
608220.54	4200870.35	0.00063517	0.000349498	0.000216625	0.00120130	0.00010805	0.00003074	0.000020923	0.00015971	0.002581478	0.000609481	0.000449954	0.003640914	0.00086216	0.000290735	0.000205599	0.00135850
608227.41	4200855.15	0.00063659	0.000347956	0.00021629	0.00120084	0.00010826	0.00003060	0.000020886	0.00015975	0.002586276	0.000606917	0.000449058	0.00364225	0.00086299	0.000289579	0.000205075	0.00135765
607754.74	4201641.98	0.00054944	0.00042363	0.000227405	0.00120047	0.00010224	0.00003975	0.000025080	0.00016706	0.002458684	0.000834896	0.000609046	0.003902627	0.00100004	0.000451032	0.000356421	0.00180749
608254.89	4200763.95	0.00064192	0.000341791	0.000215987	0.00119970	0.00010914	0.00003012	0.000020877	0.00016014	0.00260737	0.000598488	0.000449298	0.003655157	0.00086958	0.000286833	0.000205682	0.00136210
607281.85	4202098.62	0.00039772	0.000517802	0.000283747	0.00119927	0.00021339	0.00009942	0.000085354	0.00039816	0.005362386	0.002981526	0.003131477	0.01147539	0.00471511	0.002563169	0.002883761	0.01016204
608234.28	4200839.95	0.00063670	0.000346336	0.000215906	0.00119894	0.00010825	0.00003046	0.000020845	0.00015956	0.002586076	0.000604219	0.000448067	0.003638362	0.00086243	0.000288363	0.000204511	0.00135530
605612.32	4201491.81	0.00003645	0.000397435	0.000762901	0.00119679	0.00000670	0.00003949	0.000063598	0.00010979	0.00016108	0.000868101	0.001142106	0.002171288	0.00006406	0.000510173	0.000268949	0.00084318
608254.89	4200771.55	0.00063889	0.000341702	0.000215665	0.00119626	0.00010863	0.00003010	0.000020835	0.00015956	0.002595037	0.000597851	0.000448188	0.003641075	0.00086545	0.000286265	0.000204922	0.00135664
608248.02	4200801.95	0.00063745	0.000343214	0.000215445	0.00119611	0.00010836	0.00003021	0.000020800	0.00015936	0.002588538	0.000599453	0.000447109	0.0036351	0.00086277	0.000286461	0.000204073	0.00135330
608241.15	4200824.75	0.00063546	0.000344701	0.00021552	0.00119568	0.00010803	0.00003032	0.000020802	0.00015916	0.00258078	0.000601487	0.000447054	0.003629321	0.00086045	0.000287124	0.000203928	0.00135150
608227.41	4200862.75	0.00062985	0.000347599	0.0002159	0.00119335	0.00010715	0.00003056	0.000020839	0.00015855	0.002559921	0.000605895	0.000447847	0.003613663	0.00085502	0.000288873	0.000204292	0.00134819
607278.74	4202023.38	0.00038406	0.00054004	0.000269065	0.00119317	0.00014778	0.00007723	0.000058558	0.00028357	0.003682695	0.00208876	0.001987665	0.00775912	0.00291202	0.001625972	0.001724823	0.00626281
608254.89	4200779.15	0.00063535	0.000341575	0.000215335	0.00119226	0.00010803	0.00003008	0.000020794	0.00015890	0.00258078	0.000597165	0.000447069	0.003625014	0.00086080	0.000285683	0.000204163	0.00135064
608234.28	4200847.55	0.00063031	0.000346025	0.000215539	0.00119187	0.00010720	0.00003043	0.000020800	0.00015843	0.00256104	0.000603265	0.000446889	0.003611194	0.00085482	0.000287682	0.000203735	0.00134624
607733.02	4201674.32	0.00053689	0.000425981	0.000228261	0.00119113	0.00010132	0.00004036	0.000025602	0.00016728	0.002439026	0.00085462	0.000630069	0.003923716	0.00101832	0.000469017	0.000377027	0.00186437
608248.02	4200809.55	0.00063236	0.000343006	0.000215107	0.00119048	0.00010751	0.00003018	0.000020758	0.00015845	0.002568438	0.000598653	0.000445984	0.003613075	0.00085652	0.000285840	0.000203318	0.00134568
608241.15	4200832.35	0.00062951	0.000344419	0.000215157	0.00118909	0.00010705	0.00003029	0.000020758	0.00015810	0.002557429	0.000600581	0.000445891	0.003603901	0.00085331	0.000286465	0.000203162	0.00134294
608254.89	4200786.75	0.00063143	0.00034142	0.000215	0.00118785	0.00010737	0.00003005	0.000020752	0.00015817	0.002565066	0.00059644	0.000445947	0.003607453	0.00085574	0.000285088	0.000203406	0.00134424
606129.91	4201828.72	0.00004407	0.000774061	0.000367906	0.00118604	0.00000841	0.00006538	0.000031075	0.00010487	0.000202656	0.001246083	0.000568536	0.002017274	0.00008634	0.000537438	0.000147965	0.00077174
608227.41	4200870.35	0.00062327	0.000347224	0.000215508	0.00118600	0.00010607	0.00003052	0.000020793	0.00015738	0.002534186	0.00060486	0.000446647	0.003585693	0.00084724	0.000288171	0.000203523	0.00133893
608261.76	4200741.15	0.00063027	0.000339823	0.00021582	0.00118592	0.00010729	0.00002996	0.000020863	0.00015812	0.0025634	0.000595645	0.000449074	0.003608119	0.00085758	0.000285801	0.000205648	0.00134903
608234.28	4200855.15	0.00062403	0.000345701	0.000215171	0.00118490	0.00010617	0.00003039	0.000020755	0.00015731	0.002536487	0.000602306	0.000445728	0.003584522	0.00084736	0.000287008	0.000202978	0.00133735
608261.76	4200748.75	0.00062948	0.000339794	0.0002155	0.00118477	0.00010713	0.00002995	0.000020822	0.00015790	0.002559523	0.000595106	0.000447977	0.003602607	0.00085578	0.000285276	0.000204902	0.00134596
608248.02	4200817.15	0.00062712	0.000342768	0.000214761	0.00118464	0.00010664	0.00003015	0.000020715	0.00015750	0.002547743	0.000597813	0.00044485	0.003590406	0.00085012	0.000285205	0.000202562	0.00133788
608254.89	4200794.35	0.00062721	0.000341242	0.000214664	0.00118312	0.00010667	0.00003002	0.000020710	0.00015740	0.002548276	0.000595686	0.000444828	0.00358879	0.00085041	0.000284484	0.000202655	0.00133755
607131.85	4201998.62	0.00032222	0.000601728	0.000259018	0.00118297	0.00005796	0.00005362	0.000027241	0.00013883	0.001404588	0.001076433	0.002330525	0.004811546	0.00068767	0.000528352	0.000346170	0.00156219
608261.76	4200756.35	0.00062793	0.000339739	0.000215178	0.00118285	0.00010685	0.00002993	0.000020782	0.00015756	0.002552828	0.000594532	0.000446883	0.003594243	0.00085321	0.000284739	0.000204158	0.00134210
608241.15	4200839.95	0.00062356	0.000344113	0.000214792	0.00118247	0.00010607	0.00003025	0.000020714	0.00015703	0.002534096	0.000599648	0.000444733	0.003578477	0.00084619	0.000285800	0.000202405	0.00133439
605353.26	4201422.76	0.00003707	0.000314729	0.000830593	0.00118239	0.00000673	0.00002722	0.000069175	0.00010312	0.00016144	0.000531047	0.001240556	0.001933043	0.00006247	0.000243549	0.000289842	0.00059586
605941.53	4201742.91	0.00003561	0.00070546	0.000440009	0.00118108	0.00000685	0.00006499	0.000036957	0.00010879	0.000165024	0.001343904	0.000670854	0.002179782	0.00007120	0.000703463	0.000167599	0.00094226
608261.76	4200763.95	0.00062580	0.000339665	0.000214857	0.00118032	0.00010648	0.00002991	0.000020741	0.00015713	0.002543892	0.000593936	0.000445797	0.003583625	0.00085003	0.000284199	0.000203422	0.00133765
608248.02	4200824.75	0.00062177	0.000342506	0.000214408	0.00117868	0.00010576	0.00003011	0.000020672	0.00015654	0.002526694	0.000596947	0.000443714	0.003567354	0.00084362	0.000284568	0.000201812	0.00133000
608254.89	4200801.95	0.00062277	0.000341041	0.000214325	0.00117814	0.00010593	0.00003000	0.000020668	0.00015659	0.002530651	0.000594912	0.000443719	0.003569281	0.00084486	0.000283882	0.000201916	0.00133065
608234.28	4200862.75	0.00061783	0.000345349	0.00021479	0.00117797	0.00010515	0.00003035	0.000020709	0.00015621	0.002512209	0.000601312	0.000444554	0.003558075	0.00083999	0.000286326	0.000202223	0.00132854
608261.76	4200771.55	0.00062318	0.000339572	0.000214541	0.00117729	0.00010603	0.00002989	0.000020701	0.00015662	0.002533165	0.000593319	0.000444726	0.003571211	0.00084637	0.000283655	0.000202696	0.00133272
608241.15	4200847.55	0.00061768	0.000343794	0.000214427	0.00117590	0.00010510	0.00003021	0.000020669	0.00015598	0.002511028	0.000598699	0.000443581	0.003553308	0.00083915	0.000285132	0.000201654	0.00132593
605757.37	4201681.7	0.00003572	0.000606624	0.000533061	0.00117540	0.00000680	0.00010372	0.000044641	0.00015516	0.000163784	0.00300069	0.000806947	0.003971421	0.00006946	0.002497808	0.000197102	0.00276437
605680.74	4201532.99	0.00003497	0.00046555	0.000674432	0.00117495	0.00000650	0.00006037	0.000056279	0.00012315	0.000156224	0.001561405	0.001012128	0.002729757	0.00006336	0.001156250	0.000240296	0.00145991
608261.76	4200779.15	0.00062009	0.000339443	0.000214217	0.00117375	0.00010551	0.00002987	0.000020660	0.00015603	0.00252063	0.000592646	0.000443636	0.003556912	0.00084221	0.000283087	0.000201960	0.00132726
608254.89	4200809.55	0.00061821	0.000340829	0.000213992	0.00117303	0.00010517	0.00002997	0.000020626	0.00015576	0.00251258	0.000594124	0.000442622	0.003549326	0.00083919	0.000283277	0.000201183	0.00132365
606166.11	4201859.56	0.00004760	0.000770062	0.000355329	0.00117299	0.00000906	0.00006460	0.000030068	0.00010372	0.000218173	0.001222404	0.000551549	0.001992125	0.00009246	0.000516973	0.000145425	0.00075486
605865.78	4201716.1	0.00003475	0.00066288	0.000475033	0.00117267	0.00000667	0.00006729	0.000039841	0.00011380	0.00016064	0.001503088	0.000721701	0.002385428	0.00006902	0.000907531	0.000178316	0.00115487
608248.02	4200832.35	0.00061637	0.000342222	0.00021405	0.00117264	0.00010487	0.00003008	0.000020628	0.00015557	0.002505446	0.000596054	0.000442579	0.003544079	0.00083708	0.000283924	0.000201070	0.00132208
607231.85	4201998.62	0.00036044	0.000558107	0.000253814	0.00117236	0.00007821	0.00005565	0.000032723	0.00016659	0.001913638	0.001226844	0.003850603	0.006991085	0.00113750	0.000724417	0.000611235	0.00247316
607081.85	4201998.62	0.00028381	0.000625273	0.000263099	0.00117218	0.00005318	0.00005448	0.000026479	0.00013414	0.001285714	0.001070909	0.001071253	0.003427877	0.00059736	0.000500147	0.000297880	0.00139539
608234.28	4200870.35	0.00061174	0.000344976	0.000214404	0.00117112	0.00010415	0.00003030	0.000020664	0.00015512	0.002488366	0.000600299	0.000443388	0.003532053	0.00083276	0.000285643	0.000201481	0.00131988
606028.68	4201785.15	0.00003834	0.000731791	0.000400486	0.00117062	0.00000736	0.00006395	0.000033717	0.00010503	0.000177452	0.001260377	0.000614064	0.002051892	0.00007641	0.000592564	0.000156112	0.00082509
608261.76	4200786.75	0.00061663	0.000339286	0.000213888	0.00116980	0.00010492	0.00002984	0.000020620	0.00015539	0.002506734	0.000591946	0.000442556	0.003541236	0.00083770	0.000282519	0.000201239	0.00132145
608241.15	4200855.15	0.00061188	0.00034346	0.000214057	0.00116939	0.00010415	0.00003017	0.000020625	0.00015495	0.002488275	0.000597744	0.00044244	0.003528459	0.00083221	0.000284473	0.000200919	0.00131760
608254.89	4200817.15	0.00061350	0.000340592	0.000213652	0.00116774	0.00010439	0.00002994	0.000020584	0.00015491	0.002493954	0.000593308	0.000441524	0.003528786	0.00083338	0.000282667	0.000200458	0.00131651
608268.63	4200741.15	0.00061442	0.00033773	0.000214686	0.00116684	0.00010467	0.00002976	0.000020727	0.00015515	0.002500913	0.000591108	0.000445528	0.00353755	0.00083825	0.000283150	0.000203348	0.00132475
607181.85	4201998.62	0.00033231	0.000579023	0.000255444	0.00116677	0.00006490	0.00005354	0.000028813	0.00014726	0.001578253	0.001110982	0.004384542	0.007073776	0.00083329	0.000585529	0.000429268	0.00184809
608248.02	4200839.95	0.00061095	0.000341917	0.000213691	0.00116656	0.00010398	0.00003004	0.000020585	0.00015460	0.002484172	0.000595143	0.000441456	0.003520771	0.00083056	0.000283281	0.000200342	0.00131418
606143.99	4201858.89	0.00004711	0.00075823	0.000360591	0.00116593	0.00000896	0.00006392	0.000030497	0.00010338	0.000215857	0.001215772	0.00055899	0.001990618	0.00009144	0.000521495	0.000146830	0.00075976
608268.63	4200748.75	0.00061384	0.0003377	0.000214373	0.00116591	0.00010454	0.00002974	0.000020687	0.00015497	0.002497864	0.000590591	0.000444469	0.003532923	0.00083670	0.000282647	0.000202630	0.00132198
608261.76	4200794.35	0.00061288	0.000339105	0.000213556	0.00116554	0.00010429	0.00002982	0.000020578	0.00015469	0.002491722	0.000591208	0.000441467	0.003524396	0.00083287	0.000281936	0.000200514	0.00131532
608268.63	4200756.35	0.00061257	0.000337646	0.000214058	0.00116428	0.00010431	0.00002972	0.000020647	0.00015468	0.002492263	0.00059004	0.000443414	0.003525717	0.00083446	0.000282135	0.000201919	0.00131852
608241.15	4200862.75	0.00060618	0.000343116	0.000213686	0.00116299	0.00010321	0.00003013	0.000020581	0.00015393	0.002465956	0.000596784	0.000441307	0.003504047	0.00082540	0.000283817	0.000200194	0.00130941
608254.89	4200824.75	0.00060869	0.000340334	0.000213306	0.00116233	0.00010359	0.00002990	0.000020542	0.00015404	0.00247497	0.000592471	0.000440429	0.003507871	0.00082749	0.000282056	0.000199742	0.00130929
608268.63	4200763.95	0.00061072	0.000337561	0.00021374	0.00116202	0.00010398	0.00002971	0.000020608	0.00015430	0.002484439	0.000589454	0.000442361	0.003516254	0.00083163	0.000281614	0.000201214	0.00131445
608261.76	4200801.95	0.00060889	0.000338897	0.00021322	0.00116100	0.00010363	0.00002979	0.000020537	0.00015395	0.002475836	0.000590439	0.000440383	0.003506659	0.00082782	0.000281347	0.000199798	0.00130897
607754.26	4201674.32	0.00051981	0.000416246	0.000224752	0.00116081	0.00009757	0.00003917	0.000024877	0.00016162	0.002347855	0.000824969	0.000605876	0.0037787	0.00097062	0.000447916	0.000356310	0.00177484
608248.02	4200847.55	0.00060554	0.00034159	0.000213326	0.00116046	0.00010308	0.00003000	0.000020541	0.00015363	0.002462904	0.000594205	0.000440331	0.003497439	0.00082404	0.000282632	0.000199618	0.00130628
608268.63	4200771.55	0.00060847	0.000337469	0.000213431	0.00115937	0.00010360	0.00002969	0.000020569	0.00015385	0.002475124	0.000588857	0.000441323	0.003505304	0.00082838	0.000281090	0.000200513	0.00130998
608254.89	4200832.35	0.00060378	0.000340046	0.000212952	0.00115677	0.00010278	0.00002987	0.000020500	0.00015315	0.002455596	0.000591591	0.000439321	0.003486508	0.00082149	0.000281428	0.000199022	0.00130194
607281.85	4202148.62	0.00039509	0.000486279	0.000275348	0.00115671	0.00021345	0.00009830	0.000086146	0.00039789	0.00537085	0.00299017	0.00241493	0.01077595	0.00479560	0.002602212	0.002948129	0.01034594
608241.15	4200870.35	0.00060054	0.000342746	0.000213307	0.00115660	0.00010228	0.00003009	0.000020537	0.00015291	0.002443853	0.000595793	0.000440172	0.003479817	0.00081867	0.000283154	0.000199477	0.00130130
608261.76	4200809.55	0.00060476	0.000338675	0.000212887	0.00115632	0.00010294	0.00002976	0.000020496	0.00015320	0.002459448	0.000589661	0.000439315	0.003488424	0.00082265	0.000280760	0.000199094	0.00130250
608268.63	4200779.15	0.00060574	0.000337335	0.000213111	0.00115619	0.00010313	0.00002966	0.000020529	0.00015332	0.002464011	0.000588201	0.000440271	0.003492483	0.00082465	0.000280545	0.000199811	0.00130500
608248.02	4200855.15	0.00060019	0.000341251	0.00021296	0.00115440	0.00010220	0.00002996	0.000020498	0.00015266	0.00244187	0.000593258	0.000439212	0.00347434	0.00081759	0.000281985	0.000198902	0.00129848
608268.63	4200786.75	0.00060267	0.000337174	0.000212786	0.00115263	0.00010261	0.00002964	0.000020489	0.00015274	0.002451614	0.000587515	0.000439221	0.00347835	0.00082057	0.000279996	0.000199116	0.00129968
608261.76	4200817.15	0.00060051	0.000338434	0.000212551	0.00115149	0.00010223	0.00002973	0.000020455	0.00015242	0.002442574	0.000588854	0.000438241	0.003469669	0.00081734	0.000280163	0.000198388	0.00129589
608254.89	4200839.95	0.00059883	0.00033974	0.000212598	0.00115117	0.00010196	0.00002983	0.000020457	0.00015225	0.00243612	0.000590695	0.000438226	0.003465041	0.00081548	0.000280801	0.000198318	0.00129460
608275.5	4200741.15	0.00059963	0.000335672	0.000213875	0.00114918	0.00010222	0.00002956	0.000020631	0.00015241	0.002442491	0.000587113	0.000443072	0.003472676	0.00082008	0.000281021	0.000201784	0.00130289
608268.63	4200794.35	0.00059931	0.000336988	0.000212458	0.00114876	0.00010205	0.00002961	0.000020449	0.00015211	0.002438137	0.00058679	0.000438161	0.003463088	0.00081620	0.000279429	0.000198417	0.00129404
608275.5	4200733.55	0.00059941	0.000335656	0.000213563	0.00114863	0.00010221	0.00002955	0.000020592	0.00015236	0.002442449	0.000586635	0.000442041	0.003471124	0.00082075	0.000280545	0.000201094	0.00130239
608248.02	4200862.75	0.00059490	0.0003409	0.00021259	0.00114839	0.00010133	0.00002992	0.000020454	0.00015171	0.002421131	0.000592304	0.000438102	0.003451537	0.00081124	0.000281342	0.000198199	0.00129078
608275.5	4200748.75	0.00059923	0.00033563	0.000213259	0.00114812	0.00010212	0.00002954	0.000020554	0.00015222	0.002440184	0.000586148	0.000441028	0.003467359	0.00081877	0.000280071	0.000200414	0.00129926
608275.5	4200756.35	0.00059820	0.000335575	0.000212952	0.00114672	0.00010193	0.00002952	0.000020515	0.00015197	0.002435493	0.00058562	0.00044001	0.003461122	0.00081682	0.000279581	0.000199732	0.00129613
608261.76	4200824.75	0.00059617	0.000338179	0.000212214	0.00114656	0.00010151	0.00002970	0.000020415	0.00015162	0.002425409	0.000588041	0.000437182	0.003450632	0.00081198	0.000279573	0.000197700	0.00128925
608254.89	4200847.55	0.00059387	0.000339414	0.00021224	0.00114553	0.00010114	0.00002979	0.000020415	0.00015135	0.00241661	0.000589776	0.000437132	0.003443518	0.00080946	0.000280171	0.000197617	0.00128725
608275.5	4200763.95	0.00059660	0.000335488	0.000212639	0.00114473	0.00010165	0.00002950	0.000020477	0.00015163	0.002428697	0.000585048	0.000438987	0.003452732	0.00081429	0.000279078	0.000199052	0.00129242
608268.63	4200801.95	0.00059574	0.000336779	0.000212128	0.00114465	0.00010145	0.00002958	0.000020409	0.00015144	0.002423864	0.000586038	0.000437108	0.003447009	0.00081162	0.000278858	0.000197725	0.00128820
608248.02	4200870.35	0.00058969	0.000340535	0.000212219	0.00114244	0.00010047	0.00002988	0.000020411	0.00015077	0.002400662	0.000591335	0.000436996	0.003428993	0.00080498	0.000280697	0.000197502	0.00128318
608275.5	4200771.55	0.00059459	0.000335381	0.000212329	0.00114230	0.00010130	0.00002948	0.000020438	0.00015122	0.002420323	0.000584447	0.000437971	0.003442741	0.00081133	0.000278564	0.000198374	0.00128826
608261.76	4200832.35	0.00059171	0.000337893	0.000211866	0.00114147	0.00010077	0.00002966	0.000020373	0.00015081	0.002407769	0.000587185	0.00043611	0.003431064	0.00080648	0.000278969	0.000197010	0.00128246
608268.63	4200809.55	0.00059198	0.000336545	0.000211795	0.00114032	0.00010082	0.00002955	0.000020368	0.00015074	0.002408892	0.000585259	0.00043606	0.003430211	0.00080685	0.000278284	0.000197043	0.00128218
608254.89	4200855.15	0.00058892	0.000339068	0.000211874	0.00113986	0.00010033	0.00002975	0.000020372	0.00015045	0.002397111	0.000588837	0.000436036	0.003421983	0.00080346	0.000279539	0.000196924	0.00127993
607281.85	4202248.62	0.00038981	0.000464025	0.000285898	0.00113973	0.00022251	0.00010058	0.000108708	0.00043180	0.005606691	0.00311488	0.001593178	0.01031475	0.00508765	0.002751457	0.003930078	0.01176918
608275.5	4200779.15	0.00059219	0.000335245	0.000212015	0.00113945	0.00010088	0.00002946	0.000020400	0.00015075	0.002410477	0.000583812	0.000436953	0.003431243	0.00080797	0.000278043	0.000197701	0.00128371
605651.9	4201523.98	0.00003489	0.000414327	0.000690189	0.00113941	0.00000647	0.00004628	0.000057578	0.00011033	0.000155525	0.001102372	0.001035078	0.002292975	0.00006282	0.000734348	0.000245194	0.00104236
608261.76	4200839.95	0.00058718	0.000337585	0.000211516	0.00113628	0.00010002	0.00002963	0.000020331	0.00014998	0.002389909	0.000586304	0.000435044	0.003411256	0.00080094	0.000278360	0.000196329	0.00127563
608275.5	4200786.75	0.00058947	0.000335082	0.000211695	0.00113625	0.00010042	0.00002944	0.000020361	0.00015022	0.002399416	0.00058314	0.000435933	0.003418489	0.00080429	0.000277509	0.000197030	0.00127883
608268.63	4200817.15	0.00058813	0.000336301	0.000211463	0.00113590	0.00010018	0.00002952	0.000020328	0.00015003	0.002393575	0.00058447	0.000435019	0.003413064	0.00080201	0.000277707	0.000196367	0.00127608
606077.62	4201831.4	0.00004174	0.000719427	0.000374649	0.00113581	0.00000799	0.00006185	0.000031611	0.00010145	0.000192435	0.001199858	0.000577482	0.001969775	0.00008234	0.000542312	0.000149161	0.00077382
608254.89	4200862.75	0.00058401	0.00033871	0.000211506	0.00113423	0.00009952	0.00002971	0.000020329	0.00014956	0.002377819	0.00058789	0.000434949	0.003400658	0.00079754	0.000278909	0.000196244	0.00127269

608275.5	4200794.35	0.00058646	0.000334892	0.000211371	0.00113272	0.00009991	0.00002941	0.000020321	0.00014964	0.002387287	0.000582429	0.000434905	0.003404621	0.00080031	0.000276962	0.000196358	0.00127363
608282.37	4200741.15	0.00058585	0.000333644	0.00021277	0.00113226	0.00009993	0.00002936	0.000020498	0.00014979	0.002387954	0.000582724	0.000439635	0.003410313	0.00080303	0.000278460	0.000199562	0.00128105
608282.37	4200748.75	0.00058560	0.000333618	0.00021246	0.00113167	0.00009985	0.00002935	0.000020460	0.00014966	0.002386039	0.000582251	0.000437645	0.003405935	0.00080186	0.000277998	0.000198895	0.00127876
608268.63	4200824.75	0.00058421	0.00033605	0.000211133	0.00113139	0.00009953	0.00002949	0.000020289	0.00014931	0.002378009	0.000583677	0.00043399	0.003395676	0.00079710	0.000277135	0.000195700	0.00126993
608282.37	4200733.55	0.00058554	0.000333582	0.000212158	0.00113128	0.00009992	0.00002934	0.000020422	0.00014968	0.002387764	0.000581771	0.000438628	0.003408163	0.00080363	0.000277541	0.000198243	0.00127942
608261.76	4200847.55	0.00058263	0.000337257	0.000211162	0.00113105	0.00009927	0.00002959	0.000020290	0.00014915	0.002371953	0.000585403	0.000433979	0.003391336	0.00079538	0.000277749	0.000195654	0.00126878
608282.37	4200756.35	0.00058468	0.000333521	0.000211854	0.00113005	0.00009969	0.00002932	0.000020385	0.00014939	0.002382006	0.000581252	0.000436656	0.003399914	0.00080011	0.000277067	0.000197586	0.00127476
608275.5	4200801.95	0.00058324	0.00033468	0.000211046	0.00112897	0.00009937	0.00002938	0.000020282	0.00014904	0.002374385	0.000581698	0.000433888	0.003389971	0.00079614	0.000276415	0.000195698	0.00126825
607231.85	4202048.62	0.00035982	0.000523438	0.000245411	0.00112867	0.00007483	0.00005351	0.000032691	0.00016103	0.001836413	0.001201263	0.001092692	0.004130368	0.00115127	0.000731359	0.000638424	0.00252105
608254.89	4200870.35	0.00057917	0.000338345	0.000211139	0.00112866	0.00009872	0.00002967	0.000020286	0.00014868	0.002358799	0.000586941	0.000433875	0.003379614	0.00079170	0.000278286	0.000195574	0.00126556
607131.85	4202048.62	0.00032006	0.000559632	0.000248724	0.00112842	0.00005253	0.00005021	0.000026332	0.00012907	0.001275121	0.001014214	0.002361853	0.004651189	0.00064932	0.000504815	0.000340245	0.00149438
608282.37	4200763.95	0.00058330	0.000333428	0.000211545	0.00112827	0.00009944	0.00002930	0.000020347	0.00014909	0.002376035	0.000580687	0.00043566	0.003392382	0.00079783	0.000276577	0.000196928	0.00127134
605847.01	4201720.79	0.00003406	0.00062298	0.000471026	0.00112807	0.00000654	0.00006654	0.000039502	0.00011258	0.000157611	0.001539783	0.0007155	0.002412894	0.00006785	0.000983371	0.000176695	0.00122791
608268.63	4200832.35	0.00058014	0.000335761	0.000210789	0.00112669	0.00009885	0.00002946	0.000020248	0.00014855	0.002361864	0.000582836	0.000432946	0.003377646	0.00079204	0.000276548	0.000195034	0.00126362
608282.37	4200771.55	0.00058149	0.000333306	0.000211234	0.00112603	0.00009912	0.00002928	0.000020309	0.00014871	0.002368472	0.000580088	0.000434667	0.003383227	0.00079512	0.000276078	0.000196276	0.00126748
608261.76	4200855.15	0.00057807	0.000336914	0.000210803	0.00112578	0.00009852	0.00002955	0.000020248	0.00014831	0.002353972	0.000584483	0.000432914	0.003371369	0.00078982	0.000277134	0.000194985	0.00126194
608275.5	4200809.55	0.00057985	0.000334445	0.000210718	0.00112502	0.00009880	0.00002935	0.000020243	0.00014840	0.002360822	0.00058093	0.000432863	0.003374615	0.00079178	0.000275852	0.000195034	0.00126267
608282.37	4200779.15	0.00057937	0.000333168	0.000210925	0.00112346	0.00009876	0.00002926	0.000020271	0.00014829	0.002359724	0.000579471	0.000433684	0.003372878	0.00079210	0.000275577	0.000195631	0.00126331
608268.63	4200839.95	0.00057599	0.000335451	0.000210444	0.00112188	0.00009816	0.00002942	0.000020207	0.00014779	0.002345462	0.000581973	0.000431911	0.003359347	0.00078693	0.000275959	0.000194380	0.00125727
607271.35	4202059.5	0.00034570	0.000516664	0.00025903	0.00112140	0.00013022	0.00007087	0.000052932	0.00025402	0.003242695	0.001882088	0.001762545	0.006887328	0.00253984	0.001436318	0.001505209	0.00548137
607381.85	4202048.62	0.00037997	0.000486071	0.000254887	0.00112093	0.00014920	0.00007372	0.000058250	0.00028117	0.003720638	0.002042217	0.00200478	0.007767635	0.00296793	0.001629882	0.001759256	0.00635707
608275.5	4200817.15	0.00057634	0.000334195	0.000210388	0.00112093	0.00009822	0.00002932	0.000020203	0.00014774	0.002346827	0.000580151	0.000431849	0.003358827	0.00078732	0.000275292	0.000194382	0.00125700
608282.37	4200786.75	0.00057696	0.000333007	0.000210613	0.00112058	0.00009834	0.00002924	0.000020234	0.00014781	0.00234987	0.000578822	0.000432699	0.003361392	0.00078878	0.000275066	0.000194989	0.00125883
608261.76	4200862.75	0.00057350	0.000336549	0.000210435	0.00112049	0.00009776	0.00002951	0.000020205	0.00014748	0.002335997	0.000583541	0.000431845	0.003351383	0.00078427	0.000276517	0.000194322	0.00125511
607331.85	4202148.62	0.00038337	0.000468054	0.000266607	0.00111803	0.00020349	0.00009334	0.000081689	0.00037852	0.005116708	0.00282882	0.003007717	0.010953246	0.00453000	0.002454124	0.002776827	0.00976095
608282.37	4200794.35	0.00057427	0.00033282	0.000210297	0.00111739	0.00009789	0.00002921	0.000020195	0.00014729	0.002339001	0.000578136	0.000431706	0.003348843	0.00078517	0.000274541	0.000194344	0.00125406
608268.63	4200847.55	0.00057180	0.000335123	0.000210094	0.00111702	0.00009747	0.00002938	0.000020166	0.00014702	0.002328904	0.000581085	0.000430871	0.00334086	0.00078177	0.000275362	0.000193725	0.00125086
608275.5	4200824.75	0.00057275	0.000333935	0.000210059	0.00111674	0.00009762	0.00002929	0.000020164	0.00014707	0.002332518	0.000579363	0.000430843	0.003342724	0.00078279	0.000274733	0.000193738	0.00125126
608289.24	4200741.15	0.00057293	0.000331641	0.000211678	0.00111625	0.00009778	0.00002917	0.000020367	0.00014732	0.002336713	0.000578405	0.000436256	0.003351374	0.00078693	0.000275946	0.000197383	0.00126026
608289.24	4200748.75	0.00057267	0.000331605	0.000211371	0.00111564	0.00009771	0.00002915	0.000020330	0.00014720	0.002335015	0.00057794	0.000435283	0.003348237	0.00078585	0.000275503	0.000196747	0.00125810
608289.24	4200733.55	0.00057265	0.000331553	0.000211067	0.00111527	0.00009777	0.00002914	0.000020293	0.00014720	0.002336397	0.000577454	0.000434319	0.003348171	0.00078747	0.000275054	0.000196116	0.00125864
608261.76	4200870.35	0.00056899	0.000336177	0.000210069	0.00111523	0.00009702	0.00002947	0.000020163	0.00014665	0.00231823	0.000582599	0.000430793	0.003331622	0.00077880	0.000275907	0.000193674	0.00124838
607281.85	4202198.62	0.00038164	0.000461163	0.000272365	0.00111517	0.00026933	0.00011662	0.000090231	0.00047618	0.006801071	0.003738099	0.001922439	0.012461609	0.00632598	0.003393573	0.003142586	0.01286214
605331.61	4201420.86	0.00003605	0.000297337	0.000781351	0.00111474	0.00000654	0.00002569	0.000065086	0.00009732	0.000157073	0.000500975	0.00116754	0.001825587	0.00006083	0.000229345	0.000273205	0.00056338
608289.24	4200756.35	0.00057192	0.00033148	0.000210764	0.00111416	0.00009757	0.00002912	0.000020256	0.00014694	0.002331447	0.000576937	0.000433353	0.003341736	0.00078425	0.000274593	0.000195483	0.00125433
608282.37	4200801.95	0.00057136	0.000332604	0.000209975	0.00111394	0.00009740	0.00002918	0.000020157	0.00014674	0.002327284	0.000577414	0.000430713	0.003335411	0.00078135	0.000274007	0.000193705	0.00124906
607081.85	4202048.62	0.00028040	0.000579949	0.000252238	0.00111259	0.00004758	0.00005076	0.000025471	0.00012381	0.001152038	0.001002182	0.002905196	0.005059416	0.00055512	0.000473022	0.000289414	0.00131756
608289.24	4200763.95	0.00057074	0.000331387	0.000210462	0.00111259	0.00009735	0.00002910	0.000020219	0.00014667	0.002326284	0.000576396	0.000432395	0.003335075	0.00078223	0.000274127	0.000194856	0.00125121
608275.5	4200832.35	0.00056903	0.000333648	0.000209721	0.00111240	0.00009700	0.00002926	0.000020124	0.00014638	0.002317758	0.000578545	0.000429833	0.003326136	0.00077814	0.000274168	0.000193100	0.00124540
608268.63	4200855.15	0.00056758	0.000334778	0.000209739	0.00111210	0.00009677	0.00002935	0.000020125	0.00014624	0.002312266	0.000580181	0.000429832	0.003322279	0.00077660	0.000274765	0.000193078	0.00124445
608289.24	4200771.55	0.00056915	0.000331261	0.000210155	0.00111056	0.00009707	0.00002908	0.000020182	0.00014634	0.002319541	0.000575805	0.000431427	0.003326773	0.00077977	0.000273642	0.000194225	0.00124763
607333.23	4202147.98	0.00037921	0.000466392	0.000264839	0.00111044	0.00019897	0.00009170	0.000079930	0.00037060	0.005001698	0.002768139	0.00293436	0.010704196	0.00441383	0.002393461	0.002703481	0.00951077
608282.37	4200809.55	0.00056827	0.000332363	0.000209649	0.00111028	0.00009688	0.00002915	0.000020118	0.00014615	0.00231489	0.000576656	0.000429715	0.003321261	0.00077734	0.000273460	0.000193065	0.00124386
608289.24	4200779.15	0.00056723	0.000331112	0.000209847	0.00110819	0.00009674	0.00002906	0.000020145	0.00014594	0.002311603	0.000575186	0.000430462	0.003317251	0.00077698	0.000273150	0.000193598	0.00124373
608275.5	4200839.95	0.00056523	0.000333339	0.000209382	0.00110795	0.00009637	0.00002922	0.000020085	0.00014567	0.002302689	0.000577698	0.000428822	0.003309209	0.00077340	0.000273594	0.000192464	0.00123946
608268.63	4200862.75	0.00056336	0.000334416	0.000209377	0.00110715	0.00009607	0.00002931	0.000020084	0.00014546	0.002295612	0.000579258	0.000428794	0.003303664	0.00077144	0.000274165	0.000192440	0.00123805
607181.85	4202048.62	0.00032084	0.000540184	0.000245866	0.00110689	0.00006017	0.00005059	0.000028175	0.00013894	0.001466638	0.00106106	0.001531565	0.004059262	0.00081094	0.000571491	0.000433128	0.00181556
608282.37	4200817.15	0.00056506	0.000332107	0.000209322	0.00110649	0.00009634	0.00002912	0.000020079	0.00014554	0.002302065	0.000575888	0.000428726	0.003306679	0.00077322	0.000272917	0.000192436	0.00123858
608289.24	4200786.75	0.00056505	0.000330944	0.000209536	0.00110553	0.00009636	0.00002904	0.000020108	0.00014551	0.002302667	0.000574543	0.000429499	0.003306708	0.00077394	0.000272651	0.000192976	0.00123956
608275.5	4200847.55	0.00056136	0.00033301	0.000209037	0.00110341	0.00009573	0.00002918	0.000020045	0.00014496	0.0022874	0.000576825	0.000427811	0.003292036	0.00076862	0.000273015	0.000191833	0.00123347
608289.24	4200794.35	0.00056266	0.000330761	0.000209229	0.00110265	0.00009596	0.00002901	0.000020071	0.00014504	0.002292945	0.000573886	0.000428548	0.00329538	0.00077068	0.000272152	0.000192364	0.00123520
608282.37	4200824.75	0.00056174	0.000331833	0.00020899	0.00110256	0.00009579	0.00002909	0.000020041	0.00014491	0.002288801	0.000575094	0.000427734	0.003291629	0.00076900	0.000272365	0.000191810	0.00123317
608268.63	4200870.35	0.00055914	0.000334037	0.000209013	0.00110219	0.00009537	0.00002927	0.000020042	0.00014468	0.002278988	0.000578323	0.000427761	0.003285071	0.00076630	0.000273567	0.000191810	0.00123168
608296.11	4200741.15	0.00056076	0.00032965	0.000210594	0.00110100	0.00009576	0.00002897	0.000020238	0.00014497	0.002288374	0.000574141	0.000432938	0.003295453	0.00077168	0.000273477	0.000195258	0.00124041
605993.15	4201787.83	0.00003614	0.000666941	0.00039783	0.00110091	0.00000696	0.00005973	0.000033476	0.00010017	0.000167858	0.001204791	0.000609241	0.001981889	0.00007270	0.000597613	0.000154304	0.00082462
608296.11	4200748.75	0.00056055	0.000329614	0.000210293	0.00110046	0.00009570	0.00002896	0.000020202	0.00014486	0.002286894	0.000573692	0.000431995	0.00329258	0.00077068	0.000273050	0.000194644	0.00123837
608296.11	4200733.55	0.00056043	0.00032955	0.00020999	0.00109997	0.00009573	0.00002894	0.000020165	0.00014484	0.00228785	0.000573204	0.000431051	0.003292105	0.00077213	0.000272612	0.000194033	0.00123878
608289.24	4200801.95	0.00056002	0.000330542	0.000208911	0.00109948	0.00009551	0.00002898	0.000020033	0.00014453	0.002282276	0.000573176	0.000427581	0.003283032	0.00076717	0.000271633	0.000191746	0.00123055
608296.11	4200756.35	0.00055990	0.000329467	0.000209688	0.00109906	0.00009557	0.00002893	0.000020129	0.00014462	0.002283755	0.000572693	0.000430109	0.003286557	0.00076923	0.000272166	0.000193424	0.00123482
608275.5	4200855.15	0.00055747	0.000332664	0.000208686	0.00109882	0.00009508	0.00002915	0.000020004	0.00014423	0.002271986	0.000575936	0.0004268	0.003274722	0.00076382	0.000272434	0.000191210	0.00122746
608282.37	4200832.35	0.00055837	0.000331556	0.000208663	0.00109859	0.00009522	0.00002906	0.000020002	0.00014428	0.002275384	0.00057431	0.000426763	0.003276456	0.00076474	0.000271825	0.000191199	0.00122776
605915.39	4201747.61	0.00003367	0.000633621	0.000430351	0.00109764	0.00000649	0.00006060	0.000036139	0.00010323	0.000156551	0.001293094	0.000655795	0.00210544	0.00006791	0.000720100	0.000163578	0.00095159
608296.11	4200763.95	0.00055884	0.00032936	0.000209385	0.00109759	0.00009537	0.00002891	0.000020093	0.00014437	0.002279071	0.000572148	0.000429171	0.003280389	0.00076736	0.000271710	0.000192818	0.00123188
606028.01	4201804.59	0.00003748	0.000675356	0.000383877	0.00109671	0.00000721	0.00005936	0.000032335	0.00009891	0.000173833	0.001176628	0.000589306	0.001939768	0.00007512	0.000560665	0.000150367	0.00078615
608289.24	4200809.55	0.00055723	0.000330304	0.000208593	0.00109613	0.00009504	0.00002895	0.000019995	0.00014399	0.002271027	0.000572442	0.000426617	0.003270087	0.00076350	0.000271108	0.000191133	0.00122574
608296.11	4200771.55	0.00055745	0.000329235	0.000209086	0.00109577	0.00009512	0.00002889	0.000020057	0.00014407	0.002273129	0.000571582	0.000428241	0.003272952	0.00076515	0.000271248	0.000192218	0.00122861
605585.21	4201494.54	0.00003467	0.000332912	0.000727683	0.00109527	0.00000639	0.00003257	0.000060665	0.00009962	0.000153472	0.000707579	0.001089508	0.001950559	0.00006120	0.000407252	0.000256662	0.00072512
605820.86	4201722.13	0.00003371	0.000587927	0.000473061	0.00109470	0.00000647	0.00006862	0.000039666	0.00011476	0.000155996	0.001677801	0.000718297	0.002552095	0.00006716	0.001158520	0.000177157	0.00140284
608282.37	4200839.95	0.00055488	0.000331249	0.000208329	0.00109446	0.00009464	0.00002902	0.000019963	0.00014363	0.002261516	0.000573477	0.000425779	0.003260772	0.00076036	0.000271265	0.000190583	0.00122221
608275.5	4200862.75	0.00055355	0.000332301	0.000208328	0.00109418	0.00009443	0.00002911	0.000019963	0.00014350	0.002256501	0.000575028	0.000425784	0.003257312	0.00075900	0.000271849	0.000190590	0.00122143
607263.97	4202045.13	0.00032190	0.000520133	0.000251802	0.00109383	0.00010212	0.00006163	0.000042168	0.00020591	0.002527042	0.001519709	0.001305984	0.005352736	0.00181018	0.001061224	0.001044234	0.00391564
608296.11	4200779.15	0.00055573	0.000329078	0.00020878	0.00109359	0.00009482	0.00002886	0.000020020	0.00014371	0.002265941	0.000570968	0.000427299	0.003264208	0.00076259	0.000270768	0.000191612	0.00122497
606042.76	4201830.73	0.00003976	0.000676624	0.000376812	0.00109320	0.00000763	0.00005914	0.000031771	0.00009853	0.000183788	0.001165837	0.000579834	0.00192946	0.00007898	0.000548381	0.000149012	0.00077637
608289.24	4200817.15	0.00055428	0.00033004	0.000208266	0.00109258	0.00009454	0.00002892	0.000019957	0.00014342	0.002259196	0.000571674	0.000425645	0.003256515	0.00075968	0.000270573	0.000190521	0.00122077
608296.11	4200786.75	0.00055376	0.000328903	0.000208472	0.00109113	0.00009448	0.00002884	0.000019984	0.00014331	0.002257819	0.000570336	0.000426365	0.003254519	0.00075980	0.000270288	0.000191017	0.00122110
608282.37	4200847.55	0.00055131	0.000330918	0.000207989	0.00109022	0.00009405	0.00002899	0.000019924	0.00014296	0.002247371	0.00057262	0.000424794	0.003244785	0.00075591	0.000270703	0.000189975	0.00121659
608275.5	4200870.35	0.00054962	0.000331923	0.000207968	0.00108951	0.00009378	0.00002907	0.000019923	0.00014277	0.002240998	0.000574108	0.000424778	0.003239883	0.00075419	0.000271267	0.000189982	0.00121544
608289.24	4200824.75	0.00055122	0.00032976	0.000207936	0.00108892	0.00009403	0.00002889	0.000019919	0.00014284	0.002246979	0.000570895	0.000424681	0.003242555	0.00075576	0.000270041	0.000189921	0.00121573
608296.11	4200794.35	0.00055158	0.000328714	0.000208166	0.00108846	0.00009411	0.00002882	0.000019947	0.00014288	0.002248932	0.000569683	0.000425432	0.003244047	0.00075679	0.000269799	0.000190421	0.00121701
608302.98	4200741.15	0.00054923	0.000327669	0.000209515	0.00108642	0.00009384	0.00002878	0.000020110	0.00014272	0.002242532	0.000569916	0.000429658	0.003242106	0.00075715	0.000271039	0.000193166	0.00122136
608302.98	4200748.75	0.00054912	0.000327635	0.000209223	0.00108598	0.00009379	0.00002876	0.000020075	0.00014263	0.002241438	0.000569494	0.000428755	0.003239687	0.00075628	0.000270638	0.000192583	0.00121950
608282.37	4200855.15	0.00054770	0.000330571	0.000207642	0.00108591	0.00009345	0.00002895	0.000019885	0.00014228	0.002233066	0.000571745	0.000423808	0.003228619	0.00075143	0.000270137	0.000189373	0.00121094
608296.11	4200801.95	0.00054919	0.000328495	0.000207854	0.00108554	0.00009371	0.00002879	0.000019911	0.00014240	0.002239227	0.000568988	0.000424494	0.003232708	0.00075356	0.000269296	0.000189826	0.00121269
608302.98	4200733.55	0.00054886	0.000327574	0.000208929	0.00108537	0.00009380	0.00002875	0.000020040	0.00014259	0.002241795	0.000569029	0.000427845	0.003238668	0.00075752	0.000270219	0.000191996	0.00121973
608289.24	4200832.35	0.00054813	0.000329485	0.000207615	0.00108523	0.00009352	0.00002886	0.000019882	0.00014226	0.002234647	0.000570126	0.000423738	0.003228511	0.00075183	0.000269516	0.000189332	0.00121068
608302.98	4200756.35	0.00054855	0.00032748	0.000208627	0.00108466	0.00009367	0.00002873	0.000020004	0.00014241	0.002238617	0.000568517	0.000426926	0.00323406	0.00075494	0.000269785	0.000191409	0.00121614
608302.98	4200763.95	0.00054759	0.000327358	0.000208322	0.00108327	0.00009350	0.00002871	0.000019968	0.00014218	0.002234332	0.000567963	0.000425999	0.003228294	0.00075320	0.000269332	0.000190818	0.00121335
608296.11	4200809.55	0.00054665	0.000328257	0.000207541	0.00108245	0.00009328	0.00002876	0.000019874	0.00014191	0.002228961	0.000568273	0.000423561	0.003220796	0.00075019	0.000268791	0.000189238	0.00120822
608302.98	4200771.55	0.00054636	0.000327228	0.000208027	0.00108161	0.00009327	0.00002869	0.000019933	0.00014190	0.002229009	0.000567411	0.0004251	0.00322152	0.00075119	0.000268890	0.000190244	0.00121032
608282.37	4200862.75	0.00054406	0.000330208	0.000207289	0.00108155	0.00009284	0.00002891	0.000019845	0.00014160	0.002218656	0.000570855	0.000422822	0.003212334	0.00074693	0.000269572	0.000188777	0.00120528
608289.24	4200839.95	0.00054492	0.000329179	0.000207287	0.00108139	0.00009298	0.00002883	0.000019844	0.00014165	0.002221864	0.000569311	0.000422781	0.003213956	0.00074777	0.000268973	0.000188737	0.00120548
608302.98	4200779.15	0.00054482	0.00032707	0.000207726	0.00107961	0.00009300	0.00002867	0.000019897	0.00014157	0.00222255	0.000566813	0.000424189	0.003213552	0.00074886	0.000268429	0.000189665	0.00120696
608296.11	4200817.15	0.00054396	0.000327996	0.000207221	0.00107918	0.00009282	0.00002873	0.000019837	0.00014139	0.002218153	0.000567527	0.000422621	0.0032083	0.00074668	0.000268274	0.000188651	0.00120360
608289.24	4200847.55	0.00054163	0.00032885	0.000206952	0.00107743	0.00009243	0.00002879	0.000019805	0.00014103	0.002208781	0.000568473	0.000421824	0.003199077	0.00074363	0.000268427	0.000188150	0.00120021
608302.98	4200786.75	0.00054303	0.000326888	0.00020742	0.00107733	0.00009269	0.00002865	0.000019862	0.00014120	0.002215131	0.000566184	0.000423274	0.003204589	0.00074628	0.000267958	0.000189087	0.00120332
608282.37	4200870.35	0.00054039	0.00032983	0.000206933	0.00107715	0.00009224	0.00002887	0.000019805	0.00014091	0.002204173	0.000569946	0.000421835	0.003195953	0.00074242	0.000269001	0.000188184	0.00119960
608296.11	4200824.75	0.00054115	0.000327715	0.000206895	0.00107576	0.00009235	0.00002870	0.000019799	0.00014085	0.002206886	0.000566755	0.000421675	0.003195317	0.00074304	0.000267752	0.000188065	0.00119885
608302.98	4200794.35	0.00054102	0.000326687	0.000207113	0.00107482	0.00009235	0.00002862	0.000019826	0.00014080	0.002206917	0.000565531	0.00042236	0.003194808	0.00074348	0.000267480	0.000188512	0.00119947
608289.24	4200855.15	0.00053827	0.0003285	0.000206608	0.00107337	0.00009187	0.00002875	0.000019767	0.00014039	0.002195455	0.00056761	0.000420862	0.003183927	0.00073944	0.000267877	0.000187570	0.00119489
608296.11	4200832.35	0.00053828	0.000327432	0.000206575	0.00107229	0.00009187	0.00002866	0.000019762	0.00014030	0.00219543	0.000565992	0.000420752	0.003182174	0.00073936	0.000267240	0.000187496	0.00119410
608302.98	4200801.95	0.00053883	0.000326461	0.000206803	0.00107209	0.00009198	0.00002859	0.000019790	0.00014036	0.002197997	0.000564845	0.000421446	0.003184288	0.00074049	0.000266992	0.000187939	0.00119543
608289.24	4200862.75	0.00053488	0.000328136	0.000206259	0.00106927	0.00009131	0.00002871	0.000019727	0.00013975	0.002182019	0.000566733	0.000419898	0.003168651	0.00073523	0.000267326	0.000186993	0.00118955
608302.98	4200809.55	0.00053652	0.000326227	0.000206497	0.00106924	0.00009159	0.00002857	0.000019754	0.00013991	0.002188636	0.000564151	0.000420544	0.003173332	0.00073740	0.000266505	0.000187375	0.00119128
608296.11	4200839.95	0.00053532	0.000327127	0.000206253	0.00106870	0.00009138	0.00002863	0.000019726	0.00013973	0.00218363	0.0005652	0.000419828	0.003168657	0.00073560	0.000266719	0.000186928	0.00118925
608302.98	4200817.15	0.00053406	0.000325969	0.000206185	0.00106622	0.00009117	0.00002854	0.000019718	0.00013942	0.002178733	0.000563425	0.000419631	0.003161789	0.00073415	0.000266006	0.000186807	0.00118696
608289.24	4200870.35	0.00053145	0.000327758	0.000205908	0.00106512	0.00009074	0.00002867	0.000019688	0.00013910	0.002168478	0.000565839	0.000418936	0.003153254	0.00073100	0.000266771	0.000186421	0.00118419
608296.11	4200847.55	0.00053228	0.0003268	0.000205924	0.00106500	0.00009087	0.00002860	0.000019688	0.00013915	0.002171515	0.000564382	0.000418902	0.003154799	0.00073176	0.000266193	0.000186367	0.00118432
608302.98	4200824.75	0.00053149	0.000325692	0.000205866	0.00106305	0.00009074	0.00002850	0.000019681	0.00013892	0.002168392	0.000562679	0.000418722	0.003149792	0.00073079	0.000265506	0.000186250	0.00118255
608296.11	4200855.15	0.00052916	0.000326452	0.000205585	0.00106120	0.00009035	0.00002856	0.000019650	0.00013856	0.002159121	0.00056353	0.000417959	0.00314061	0.00072784	0.000265652	0.000185798	0.00117929
608302.98	4200832.35	0.00052881	0.000325395	0.000205543	0.00105975	0.00009029	0.00002847	0.000019645	0.00013840	0.002157657	0.000561907	0.000417809	0.003137373	0.00072733	0.000264998	0.000185694	0.00117802
608296.11	4200862.75	0.00052600	0.000326088	0.00020524	0.00105733	0.00008982	0.00002852	0.000019612	0.00013796	0.002146571	0.000562665	0.000417017	0.003126252	0.00072389	0.000265113	0.000185238	0.00117424
608302.98	4200839.95	0.00052607	0.000325089	0.000205225	0.00105638	0.00008983	0.00002844	0.000019608	0.00013788	0.002146699	0.000561124	0.000416904	0.003124727	0.00072381	0.000264488	0.000185142	0.00117344
607131.85	4202098.62	0.00029710	0.000520452	0.000238812	0.00105637	0.00004848	0.00004715	0.000025583	0.00012121	0.001179295	0.000960755	0.004146839	0.00628689	0.00062688	0.000487474	0.000340217	0.00145458
607081.85	4202098.62	0.00027604	0.000538909	0.000241244	0.00105620	0.00004272	0.00004740	0.000024469	0.00011459	0.001036299	0.000940156	0.003340594	0.005317049	0.00051867	0.000448674	0.000281669	0.00124902
608296.11	4200870.35	0.00052280	0.00032571	0.000204893	0.00105340	0.00008929	0.00002848	0.000019573	0.00013735	0.002133901	0.00056179	0.000416083	0.003111773	0.00071992	0.000264577	0.000184690	0.00116918
608302.98	4200847.55	0.00052325	0.000324764	0.000204901	0.00105291	0.00008936	0.00002840	0.000019572	0.00013733	0.002135454	0.000560322	0.000416003	0.003111779	0.00072023	0.000263977	0.000184599	0.00116881
608302.98	4200855.15	0.00052036	0.000324422	0.00020457	0.00104935	0.00008888	0.00002837	0.000019535	0.00013678	0.002123958	0.000559499	0.000415096	0.003098553	0.00071659	0.000263460	0.000184060	0.00116411
605895.28	4201750.29	0.00003256	0.000590779	0.000425669	0.00104901	0.00000629	0.00005850	0.000035739	0.00010053	0.000151674	0.001282677	0.000648399	0.00208275	0.00006599	0.000750423	0.000161529	0.00097795
605544.56	4201490.44	0.00003390	0.000295902	0.000719115	0.00104891	0.00000624	0.00002818	0.000059945	0.00009437	0.000149932	0.000599286	0.001076439	0.001825658	0.00005972	0.000331578	0.000253393	0.00064469
607259.99	4202104.79	0.00031059	0.000487937	0.000248531	0.00104705	0.00011694	0.00006556	0.000048843	0.00023134	0.002911955	0.001724731	0.00160587	0.006242557	0.00228032	0.001302380	0.001356538	0.00493924
608302.98	4200862.75	0.00051740	0.000324058	0.000204229	0.00104569	0.00008838	0.00002833	0.000019497	0.00013621	0.002112217	0.000558647	0.000414176	0.00308504	0.00071287	0.000262935	0.000183517	0.00115933
607231.85	4202098.62	0.00031617	0.000489689	0.000237657	0.00104351	0.00007535	0.00005223	0.000033556	0.00016113	0.001855846	0.001207478	0.001939295	0.005002619	0.00123579	0.000770040	0.000703893	0.00270972
607333.8	4202176.38	0.00034665	0.00044397	0.000252545	0.00104317	0.00017732	0.00008345	0.000072021	0.00033279	0.004454616	0.002487003	0.00261399	0.009555609	0.00390230	0.002126500	0.002388587	0.00841739
608302.98	4200870.35	0.00051441	0.00032368	0.000203886	0.00104197	0.00008788	0.00002829	0.000019459	0.00013564	0.002100332	0.000557782	0.000413261	0.003071375	0.00070913	0.000262409	0.000182983	0.00115453
605990.47	4201806.6	0.00003549	0.000621807	0.000383419	0.00104072	0.00000685	0.00005613	0.000032278	0.00009526	0.000165152	0.001140282	0.000587793	0.001893226	0.00007174	0.000574636	0.000149353	0.00079573
605679.91	4201566.03	0.00003235	0.000402455	0.000603464	0.00103827	0.00000606	0.00005604	0.000050391	0.00011250	0.000145897	0.001498329	0.000907123	0.002551349	0.00006016	0.001151934	0.000216551	0.00142864
607231.85	4202298.62	0.00029133	0.000459764	0.000283341	0.00103444	0.00009500	0.00005743	0.000108796	0.00026123	0.002361112	0.001457285	0.000882664	0.004701061	0.00179931	0.001054968	0.003942802	0.00679708
605306.62	4201416.94	0.00003482	0.000278077	0.000720539	0.00103343	0.00000632	0.00002401	0.000060036	0.00009036	0.00015172	0.000467726	0.00107734	0.001696786	0.00005877	0.000213670	0.000252629	0.00052507
607181.85	4202098.62	0.00029330	0.000503244	0.000236618	0.00103316	0.00005715	0.00004798	0.000027766	0.00013289	0.001396521	0.001021114	0.001339319	0.003756954	0.00081052	0.000565869	0.000446192	0.00182258
607331.85	4202198.62	0.00034171	0.0004365	0.000251544	0.00102976	0.00017874	0.00008372	0.000072861	0.00033532	0.004492769	0.002509683	0.002652992	0.009655444	0.00396120	0.002156919	0.002429886	0.00854801
607381.85	4202098.62	0.00033552	0.000453036	0.000240763	0.00102932	0.00013050	0.00006652	0.000052213	0.00024923	0.003253174	0.001819015	0.001770449	0.006842638	0.00258444	0.001432516	0.001535023	0.00555198
605629.67	4201535.39	0.00003284	0.000343813	0.00064633	0.00102298	0.00000611	0.00003704	0.000053930	0.00009708	0.000146926	0.000861883	0.000969778	0.001978586	0.00005975	0.000555121	0.000230102	0.00084497
605764.55	4201731.52	0.00003202	0.000521177	0.00046192	0.00101512	0.00000616	0.00009078	0.000038725	0.00013567	0.000148536	0.002642644	0.000701093	0.003492272	0.00006420	0.002212272	0.000172688	0.00244916
607330.96	4202209.32	0.00033339	0.000431431	0.000248977	0.00101380	0.00017304	0.00008160	0.000070821	0.00032547	0.004348794	0.002436367	0.002569013	0.009354174	0.00382580	0.002086554	0.002346564	0.00825892
605978.4	4201840.12	0.00003731	0.000593285	0.000376512	0.00100711	0.00000718	0.00005433	0.000031721	0.00009323	0.000172991	0.001117875	0.00057828	0.001869145	0.00007469	0.000578949	0.000147770	0.00080141
605816.17	4201744.25	0.00003174	0.000527688	0.000442567	0.00100200	0.00000613	0.00006460	0.000037125	0.00010785	0.000147705	0.001621853	0.000672704	0.002442263	0.00006416	0.001158784	0.000166466	0.00138941
605872.48	4201754.31	0.00003149	0.000547485	0.000420535	0.00099951	0.00000609	0.00005694	0.000035303	0.00009834	0.000146949	0.001294033	0.000640349	0.002081331	0.00006413	0.000803515	0.000159344	0.00102699
607081.85	4202148.62	0.00026422	0.000499926	0.000230888	0.00099503	0.00004063	0.00004465	0.000023997	0.00010928	0.000988409	0.000898299	0.002000862	0.003887571	0.00052587	0.000443047	0.000295685	0.00126461
607281.85	4202298.62	0.00032759	0.000414266	0.000251961	0.00099382	0.00019536	0.00008934	0.000080782	0.00036549	0.004924982	0.002763232	0.003184368	0.010872582	0.00449369	0.002438324	0.002785839	0.00971785
607131.85	4202148.62	0.00027776	0.000484176	0.000229665	0.00099160	0.00004694	0.00004482	0.000025437	0.00011720	0.001145586	0.000930939	0.001185725	0.00326225	0.00064981	0.000491610	0.000364810	0.00150623
605664.73	4201615.37	0.00003146	0.000395415	0.00055818	0.00098506	0.00000595	0.00005030	0.000046652	0.00010290	0.000143343	0.001288326	0.000840888	0.002272556	0.00006014	0.000943225	0.000202189	0.00120555
605667.86	4201640.21	0.00003159	0.000409641	0.000540282	0.00098151	0.00000600	0.00005350	0.000045180	0.00010468	0.000144499	0.00138835	0.000814972	0.002347822	0.00006104	0.001032226	0.000196783	0.00129005
605663.57	4201579.82	0.00003149	0.000366535	0.000583355	0.00098138	0.00000592	0.00004647	0.000048722	0.00010111	0.000142485	0.001188152	0.000877343	0.00220798	0.00005909	0.000868099	0.000209795	0.00113698
605928.13	4201818.67	0.00003424	0.000556364	0.000385859	0.00097646	0.00000662	0.00005368	0.000032466	0.00009276	0.000159572	0.001153462	0.000590775	0.001903808	0.00006947	0.000650801	0.000149524	0.00086980
605949.58	4201844.81	0.00003688	0.00056169	0.000377315	0.00097589	0.00000709	0.00005301	0.000031781	0.00009189	0.000171001	0.001119064	0.000579203	0.001869268	0.00007383	0.000610413	0.000147765	0.00083201
605666.66	4201657.64	0.00003197	0.000413341	0.000530204	0.00097551	0.00000608	0.00005491	0.000044355	0.00010535	0.000146529	0.001436721	0.000800539	0.002383789	0.00006211	0.001078309	0.000193902	0.00133432
605926.78	4201793.19	0.00003241	0.000552181	0.00038935	0.00097394	0.00000628	0.00005319	0.000032737	0.00009221	0.000151534	0.001141463	0.00059513	0.001888127	0.00006632	0.000642496	0.000149859	0.00085868
607231.85	4202348.62	0.00026725	0.0004291	0.00026855	0.00096490	0.00015009	0.00007506	0.000100998	0.00032614	0.003771115	0.002187783	0.000887292	0.00684619	0.00331040	0.001833757	0.003641396	0.00878555
607181.85	4202148.62	0.00026120	0.000468165	0.000228604	0.00095797	0.00005967	0.00004692	0.000028966	0.00013556	0.001465195	0.001038293	0.002122034	0.004625523	0.00092724	0.000617073	0.000527665	0.00207198
605848.35	4201757.66	0.00003057	0.00051017	0.000416729	0.00095747	0.00000593	0.00005669	0.000034978	0.00009760	0.000142899	0.001345932	0.000634309	0.002123139	0.00006251	0.000892478	0.000157651	0.00111264
607231.85	4202148.62	0.00028489	0.000435803	0.000235206	0.00095590	0.00010773	0.00006079	0.000041450	0.00020997	0.002690177	0.001626428	0.001553516	0.005870121	0.00218500	0.001251432	0.001068396	0.00450482
605646.71	4201591.06	0.00003110	0.000350894	0.000572026	0.00095402	0.00000586	0.00004139	0.000047784	0.00009503	0.000141028	0.00101818	0.000860652	0.002019861	0.00005871	0.000708693	0.000206079	0.00097349
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607231.85	4202198.62	0.00026545	0.000452094	0.000232668	0.00095021	0.00026630	0.00011619	0.000046869	0.00042935	0.006730521	0.003736324	0.001310321	0.011777166	0.00632248	0.003400433	0.001321526	0.01104444
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607081.85	4202198.62	0.00026183	0.000463491	0.000222766	0.00094808	0.00004158	0.00004276	0.000024415	0.00010876	0.001016217	0.000885535	0.003544667	0.005446418	0.00059080	0.000464827	0.000342235	0.00139786
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607231.85	4202248.62	0.00026262	0.000422591	0.000243631	0.00092884	0.00024565	0.00010767	0.000063574	0.00041690	0.006208983	0.003456495	0.000904028	0.010569506	0.00583460	0.003141590	0.002037826	0.01101402
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605425.13	4201659.91	0.00002314	0.000148126	0.000354591	0.00052586	0.00000442	0.00001434	0.000029692	0.00004845	0.000106425	0.000308846	0.000536651	0.000951922	0.00004536	0.000175063	0.000130980	0.00035140
607481.85	4202548.62	0.00012972	0.000244238	0.000150316	0.00052427	0.00003423	0.00002493	0.000018149	0.00007731	0.000840313	0.000559151	0.000471472	0.001870935	0.00052886	0.000339856	0.000306447	0.00117516
607131.85	4202748.62	0.00013067	0.00023895	0.000154003	0.00052362	0.00007304	0.00003968	0.000034612	0.00014733	0.001838645	0.00113674	0.00144585	0.004421235	0.00165066	0.000937481	0.001036652	0.00362479
605226.39	4201488.08	0.00002593	0.00014779	0.000349416	0.00052314	0.00000479	0.00001316	0.000029232	0.00004718	0.000115042	0.000264008	0.000527638	0.000906688	0.00004607	0.000129384	0.000127854	0.00030330
607681.85	4202498.62	0.00013893	0.000237989	0.000145541	0.00052246	0.00003090	0.00002254	0.000015747	0.00006918	0.000751578	0.000476969	0.000376411	0.001604958	0.00039920	0.000261526	0.000214349	0.00087507
605483.88	4201705.38	0.00002217	0.000157146	0.00034021	0.00051952	0.00000428	0.00001560	0.000028506	0.00004838	0.000103092	0.000342667	0.000515678	0.000961437	0.00004474	0.000201127	0.000126481	0.00037234
605305.23	4201576.28	0.00002469	0.00014006	0.000354164	0.00051892	0.00000463	0.00001297	0.000029643	0.00004724	0.000111424	0.000269453	0.000535404	0.00091628	0.00004599	0.000142370	0.000130203	0.00031856
607531.85	4202548.62	0.00012968	0.000239268	0.000147744	0.00051669	0.00003232	0.00002378	0.000017139	0.00007325	0.000791126	0.000523053	0.000432742	0.001746921	0.00047357	0.000307581	0.000269667	0.00105082
607731.85	4202498.62	0.00013809	0.000233528	0.000143138	0.00051476	0.00002981	0.00002180	0.000015150	0.00006677	0.000723947	0.000456072	0.000355439	0.001535457	0.00037077	0.000244357	0.000195631	0.00081076
607407.25	4201655.82	0.00002302	0.000142504	0.000346975	0.00051250	0.00000439	0.00001372	0.000029058	0.00004717	0.000105761	0.000294512	0.000525256	0.000925529	0.00004498	0.000165739	0.000128301	0.00033902
607581.85	4202548.62	0.00012967	0.000234615	0.000145258	0.00050955	0.00003081	0.00002282	0.000016301	0.00006993	0.00075218	0.000493356	0.000401342	0.001646878	0.00042971	0.000281567	0.000240325	0.00095161
605285.4	4201543.23	0.00002444	0.000132133	0.000348947	0.00050552	0.00000456	0.00001209	0.000029198	0.00004585	0.000109686	0.000248693	0.000527146	0.000885526	0.00004484	0.000128659	0.000127904	0.00030140
607631.85	4202548.62	0.00012967	0.000230361	0.000142947	0.00050298	0.00002960	0.00002200	0.000015604	0.00006720	0.000721044	0.000468825	0.00037576	0.001565629	0.00039465	0.000260472	0.000216758	0.00087188
607058.69	4202713.61	0.00010704	0.000241377	0.000149616	0.00049803	0.00005020	0.00003241	0.000026274	0.00010889	0.00125846	0.000852454	0.000829421	0.002940335	0.00107308	0.000643502	0.000675415	0.00239199
607681.85	4202548.62	0.00012951	0.000226385	0.000140763	0.00049666	0.00002859	0.00002129	0.000015011	0.00006489	0.000695078	0.000448068	0.00035445	0.001497596	0.00036589	0.000242983	0.000197435	0.00080630
605462.43	4201701.8	0.00002179	0.000145366	0.00032895	0.00049610	0.00000420	0.00001431	0.000027566	0.00004607	0.000101224	0.000312361	0.00049876	0.000912344	0.00004386	0.000181311	0.000122449	0.00034762
607731.85	4202548.62	0.00012910	0.000222567	0.000138653	0.00049032	0.00002770	0.00002066	0.000014493	0.00006286	0.000672437	0.000430077	0.000336318	0.001438831	0.00034171	0.000228180	0.000181291	0.00075118
605382.73	4201653.78	0.00002267	0.000133774	0.000330987	0.00048743	0.00000432	0.00001281	0.000027726	0.00004486	0.000104035	0.000273657	0.000501391	0.000879084	0.00004418	0.000152700	0.000122737	0.00031961
605440.46	4201696.18	0.00002162	0.000137459	0.000321046	0.00048013	0.00000416	0.00001343	0.000026906	0.00004450	0.00010028	0.000291502	0.000486875	0.000878658	0.00004333	0.000167481	0.000119608	0.00033042
605172.03	4201466.28	0.00002589	0.000147424	0.000305072	0.00047838	0.00000476	0.00001297	0.000025550	0.00004328	0.000114373	0.000257335	0.000461876	0.000833584	0.00004547	0.000122888	0.000112862	0.00028121
605423.6	4201689.54	0.00002161	0.000132834	0.000317189	0.00047163	0.00000415	0.00001291	0.000026583	0.00004365	0.000100044	0.000279116	0.000481046	0.000860206	0.00004310	0.000159201	0.000118193	0.00032049
607081.85	4202748.62	0.00009552	0.00022875	0.000142036	0.00046631	0.00000414	0.00002817	0.000022202	0.00009051	0.001002979	0.000709661	0.000667188	0.002378827	0.00082233	0.000509093	0.000517562	0.00184898
605207.2	4201501	0.00002475	0.00013397	0.000306247	0.00046496	0.00000458	0.00001196	0.000025647	0.00004219	0.000110092	0.000240515	0.000463626	0.000814233	0.00004432	0.000118511	0.000113267	0.00027609
605269.83	4201576.12	0.00002363	0.000126399	0.000311769	0.00046180	0.00000443	0.00001164	0.000026117	0.00004219	0.000106636	0.000240707	0.000472314	0.000819657	0.00004402	0.000125956	0.000115646	0.00028562
605358.21	4201654.29	0.00002209	0.000123372	0.000309744	0.00045521	0.00000421	0.00001176	0.000025958	0.00004193	0.000101363	0.000250315	0.000469707	0.000821385	0.00004303	0.000138710	0.000115369	0.00029711
605400.1	4201689.03	0.00002128	0.000124743	0.000303003	0.00044902	0.00000408	0.00001206	0.000025402	0.00004154	9.843E-05	0.000259488	0.000459862	0.00081778	0.00004235	0.000146808	0.000113247	0.00030240
605226.91	4201528.1	0.00002379	0.000123817	0.000297384	0.00044499	0.00000443	0.00001118	0.000024912	0.00004051	0.000106424	0.000227053	0.000450522	0.000783999	0.00004327	0.000114419	0.000110310	0.00026800
605241.22	4201548.03	0.00002341	0.000120867	0.000296546	0.00044082	0.00000437	0.00001100	0.000024845	0.00004022	0.000105151	0.000225131	0.000449383	0.000779665	0.00004304	0.000115270	0.000110135	0.00026845
605379.67	4201688.01	0.00002095	0.000117367	0.00028977	0.00042809	0.00000402	0.00001130	0.000024300	0.00003962	9.68448E-05	0.00024231	0.0004401	0.000779255	0.00004162	0.000136246	0.000108631	0.00028650
605191.33	4201515.02	0.00002366	0.000122284	0.000272232	0.00041818	0.00000439	0.00001095	0.000022822	0.00003816	0.000105593	0.00022064	0.000413153	0.000739386	0.00004273	0.000109307	0.000101738	0.00025378
605151.19	4201482.44	0.00002434	0.000129434	0.000259662	0.00041344	0.00000449	0.00001143	0.000021777	0.00003770	0.000107934	0.000227528	0.000394455	0.000729918	0.00004319	0.000109530	0.000097430	0.00025015
605251.44	4201595.54	0.00002235	0.000113379	0.000273782	0.00040951	0.00000421	0.00001046	0.000022960	0.00003763	0.000101263	0.000216723	0.00041588	0.000733865	0.00004207	0.000113813	0.000102702	0.00025859
605286.18	4201633.34	0.00002146	0.000107903	0.000269646	0.00039901	0.00000407	0.00001011	0.000022619	0.00003680	9.79922E-05	0.000211223	0.000409843	0.000719958	0.00004125	0.000114335	0.000101402	0.00025699
605355.14	4201690.56	0.00002040	0.000108166	0.000270116	0.00039868	0.00000391	0.00001037	0.000022664	0.00003694	9.42964E-05	0.000221522	0.000410772	0.00072659	0.00004053	0.000123726	0.000101800	0.00026605
605303.55	4201645.09	0.00002113	0.000105997	0.000270266	0.00039740	0.00000402	0.00000999	0.000022671	0.00003668	9.67597E-05	0.000210823	0.000410769	0.000718351	0.00004093	0.000114826	0.000101619	0.00025738
605262.68	4201624.15	0.00002142	0.000105863	0.000258819	0.00038610	0.00000405	0.00000986	0.000021718	0.00003563	9.75936E-05	0.00020566	0.0003937	0.000696954	0.00004094	0.000109658	0.000097653	0.00024825
605335.73	4201683.92	0.00002028	0.000103848	0.000261746	0.00038588	0.00000388	0.00000991	0.000021966	0.00003576	9.36035E-05	0.000211021	0.000398243	0.000702867	0.00004012	0.000117086	0.000098850	0.00025606
605113.1	4201473.42	0.00002410	0.000127073	0.000231467	0.00038264	0.00000444	0.00001116	0.000019435	0.00003503	0.000106682	0.000221027	0.000352629	0.000680338	0.00004256	0.000105120	0.000087884	0.00023557
605077.3	4201449.8	0.00002476	0.000134893	0.000218887	0.00037854	0.00000454	0.00001175	0.000018392	0.00003468	0.000109139	0.000230726	0.00033404	0.000673905	0.00004320	0.000107585	0.000083701	0.00023448
605094.28	4201462.35	0.00002433	0.000129863	0.000223608	0.00037781	0.00000447	0.00001136	0.000018783	0.00003461	0.000107517	0.000224037	0.000340993	0.000672547	0.00004274	0.000105537	0.000085247	0.00023352
605168.07	4201530.53	0.00002272	0.000113125	0.00024015	0.00037599	0.00000423	0.00001014	0.000020158	0.00003453	0.000101668	0.000204744	0.000365578	0.000671991	0.00004136	0.000101766	0.000090894	0.00023402
605134.6	4201499.62	0.00002327	0.000118259	0.000230987	0.00037252	0.00000431	0.00001048	0.000019395	0.00003418	0.000103538	0.000209214	0.000351905	0.000664657	0.00004168	0.000101437	0.000087709	0.00023083
605052.57	4201438.73	0.00002492	0.000136984	0.000205933	0.00036784	0.00000456	0.00001188	0.000017317	0.00003376	0.000109654	0.000232416	0.000314861	0.000656931	0.00004325	0.000107317	0.000079353	0.00022992
605181.62	4201558.83	0.00002203	0.000107314	0.000234734	0.00036408	0.00000412	0.00000971	0.000019710	0.00003354	9.91095E-05	0.000197618	0.000357617	0.000654344	0.00004069	0.000100017	0.000089135	0.00022984
605193.13	4201585.31	0.00002170	0.00010559	0.000232598	0.00035988	0.00000407	0.00000962	0.000019536	0.00003323	9.80363E-05	0.000197173	0.0003546	0.00064981	0.00004056	0.000101212	0.000088569	0.00023034
605288.7	4201676.27	0.00001988	9.54869E-05	0.000236829	0.00035220	0.00000380	0.00000902	0.000019892	0.00003271	9.15011E-05	0.000190366	0.00036107	0.000642937	0.00003905	0.000103899	0.000090200	0.00023315
605201.19	4201601.43	0.00002115	0.000100861	0.000226946	0.00034896	0.00000398	0.00000924	0.000019066	0.00003229	9.59031E-05	0.000190207	0.0003462	0.00063231	0.00003990	0.000098591	0.000086638	0.00023513
605025.63	4201440.58	0.00002450	0.000132646	0.000186715	0.00034386	0.00000449	0.00001149	0.000015721	0.00003170	0.000107861	0.000224632	0.000286359	0.000618852	0.00004258	0.000103483	0.000072855	0.00021892
605271.43	4201670.51	0.00001986	9.39024E-05	0.000230036	0.00034379	0.00000379	0.00000883	0.000019326	0.00003194	9.1254E-05	0.00018577	0.000350935	0.000627959	0.00003884	0.000100700	0.000087841	0.00022738
605106.29	4201530.4	0.00002243	0.000111585	0.000202434	0.00033645	0.00000417	0.00000992	0.000017027	0.00003112	0.000100245	0.000198832	0.000309705	0.000608782	0.00004069	0.000097175	0.000078203	0.00021606
605249.55	4201659	0.00001986	9.21394E-05	0.000222533	0.00033454	0.00000378	0.00000861	0.000018701	0.00003110	9.10729E-05	0.000180415	0.000339715	0.000611203	0.00003861	0.000096894	0.000085209	0.00022071
605088.68	4201514.14	0.00002268	0.000113821	0.000197615	0.00033412	0.00000420	0.00001007	0.000016626	0.00003090	0.000101093	0.000200758	0.000302516	0.000604367	0.00004082	0.000097011	0.000076532	0.00021437
605227.67	4201640.58	0.00002000	9.16286E-05	0.000217621	0.00032925	0.00000380	0.00000851	0.000018291	0.00003059	9.13965E-05	0.000177176	0.000332334	0.000600907	0.00003854	0.000094061	0.000083448	0.00021605
605067.01	4201501.96	0.00002285	0.000115574	0.000189378	0.00032781	0.00000423	0.00001018	0.000015942	0.00003034	0.00010162	0.000202	0.000290284	0.000593905	0.00004087	0.000096607	0.000073730	0.00021121
605208.1	4201623.31	0.00002024	9.28379E-05	0.000214594	0.00032767	0.00000383	0.00000856	0.000018038	0.00003043	9.21953E-05	0.000177237	0.00032788	0.00059722	0.00003866	0.000092966	0.000082366	0.00021399
605045.35	4201493.83	0.00002298	0.000117126	0.000180574	0.00032068	0.00000424	0.00001027	0.000015211	0.00002973	0.000102027	0.000203231	0.000277244	0.000582502	0.00004092	0.000096384	0.000070770	0.00020807
605009.76	4201463.46	0.00002348	0.000122053	0.000169901	0.00031543	0.00000432	0.00001062	0.000014324	0.00002926	0.000103721	0.000208308	0.000261374	0.000573403	0.00004123	0.000096876	0.000067119	0.00020523
605020.97	4201489.77	0.00002312	0.000119051	0.000171332	0.00031351	0.00000427	0.00001041	0.000014445	0.00002912	0.000102551	0.000205246	0.000263601	0.000571399	0.00004105	0.000096609	0.000067710	0.00020537

Cancer Risk Calculations Using OEHHA/BAAQMD Cancer Risk Assumptions
Ranch EIR Residential Project Construction Parameters
Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Infant
UTM: 606208.52 4201434.72

Cancer Potency Factor: 1.1 $(mg/kg\text{-}day)^{-1}$
Exposure Frequency 350 days/year
Averaging Period 25550 days

Construction Annual DPM Emissions (as PM2.5 Exhaust) Unmitigated

Age	Maximum DPM Concentration (ug/m3)	Age Sensitivity Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Cancer Risk (/million)
3rd Trimester	0.014348168	10	361	0.85	0.25	0.17
0-1	0.014348168	10	1090	0.85	1.00	2.0
1<2	0.014348168	10	1090	0.85	1.00	2.0
2 to 3	0.014348168	3	631	1	0.73	0.3
3 to 4	0.014348168	3	631	1	1.00	0.4
4 to 5	0.014348168	3	631	1	1.00	0.4
5 to 6	0.014348168	3	631	1	0.69	0.3
6 to 7	0.014348168	3	631	1	1.00	0.4
7 to 8	0.014348168	3	631	1	1.00	0.4
8 to 9	0.014348168	3	631	1	0.22	0.1
					7.89	
				Total		6.48

Construction Annual DPM Emissions (as PM2.5 Exhaust) Mitigated

Year	Maximum DPM Concentration (ug/m3)	Age Sensitivity Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Cancer Risk (/million)
3rd Trimester	0.001159588	10	361	0.85	0.25	0.0
0-1	0.001159588	10	1090	0.85	1.00	0.2
1<2	0.001159588	10	1090	0.85	1.00	0.2
2 to 3	0.001159588	3	631	1	0.73	0.0
3 to 4	0.001159588	3	631	1	1.00	0.0
4 to 5	0.001159588	3	631	1	1.00	0.0
5 to 6	0.001159588	3	631	1	0.69	0.0
6 to 7	0.001159588	3	631	1	1.00	0.0
7 to 8	0.001159588	3	631	1	1.00	0.0
8 to 9	0.001159588	3	631	1	0.22	0.0
					Total	0.52

Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Child
UTM: 606208.52 4201434.72

Cancer Potency Factor: 1.1 $(mg/kg\text{-}day)^{-1}$
Exposure Frequency 350 days/year
Averaging Period 25550 days

Construction Annual DPM Emissions (as PM2.5 Exhaust) Unmitigated

Construction Year	Maximum DPM Concentration (ug/m3)	Age Sensitivity Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
1	0.014348168	3	572	1	0.53	0.2
2	0.014348168	3	572	1	1.00	0.4
3	0.014348168	3	572	1	0.95	0.4
4	0.014348168	3	572	1	0.79	0.3
5	0.014348168	3	572	1	1.00	0.4
6	0.014348168	3	572	1	0.92	0.3
7	0.014348168	3	572	1	0.78	0.3
8	0.014348168	3	572	1	1.00	0.4
9	0.014348168	3	572	1	0.95	0.4
				Total	7.90	2.93

Construction Annual DPM Emissions (as PM2.5 Exhaust) Mitigated

Construction Year	Maximum DPM Concentration (ug/m3)	Age Sensitivity Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
1	0.001159588	3	572	1	0.53	0.0
2	0.001159588	3	572	1	1.00	0.0
3	0.001159588	3	572	1	0.95	0.0
4	0.001159588	3	572	1	0.79	0.0
5	0.001159588	3	572	1	1.00	0.0
6	0.001159588	3	572	1	0.92	0.0
7	0.001159588	3	572	1	0.78	0.0
8	0.001159588	3	572	1	1.00	0.0
9	0.001159588	3	572	1	0.95	0.0
					Total	0.24

Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Adult
UTM: 606208.52 4201434.72

Cancer Potency Factor: 1.1 $(mg/kg\text{-}day)^{-1}$
Exposure Frequency 350 days/year
Averaging Period 25550 days

Construction Annual DPM Emissions (as PM2.5 Exhaust) Unmitigated

Construction Year	Maximum DPM Concentration (ug/m3)	Age Sensitivity Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
1	0.014348168	1	261	0.73	0.53	0.02
2	0.014348168	1	261	0.73	1.00	0.04
3	0.014348168	1	261	0.73	0.95	0.04
4	0.014348168	1	261	0.73	0.79	0.03
5	0.014348168	1	261	0.73	1.00	0.04
6	0.014348168	1	261	0.73	0.92	0.04
7	0.014348168	1	261	0.73	0.78	0.03
8	0.014348168	1	261	0.73	1.00	0.04
9	0.014348168	1	261	0.73	0.95	0.04
				Total	7.90	0.33

Construction Annual DPM Emissions (as PM2.5 Exhaust) Mitigated

Construction Year	Maximum DPM Concentration (ug/m3)	Age Sensitivity Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
1	0.001159588	1	261	0.73	0.53	0.00
2	0.001159588	1	261	0.73	1.00	0.00
3	0.001159588	1	261	0.73	0.95	0.00
4	0.001159588	1	261	0.73	0.79	0.00
5	0.001159588	1	261	0.73	1.00	0.00
6	0.001159588	1	261	0.73	0.92	0.00
7	0.001159588	1	261	0.73	0.78	0.00
8	0.001159588	1	261	0.73	1.00	0.00
9	0.001159588	1	261	0.73	0.95	0.00
					Total	0.03

Ranch EIR Residential Project Construction Parameters

UTM:	606208.52	4201434.72	DPM
	607366.33	4200769.13	PM 2.5 Total (Unmitigated)
	607331.85	4202048.62	PM2.5 Mitigated

Estimates of Chronic Non-Cancer Hazard Index (CNCHI)

Unmitigated

Chronic Non-Cancer Hazard Index at the Maximum Impacted Sensitive Receptor

Reference Exposure Level (REL) for DPM: 5 ug/m3

CNCHI = DPM/REL

X (m)	Y (m)	Average DPM (ug/m3)	Max DPM (ug/m3)	CNCHI
606208.52	4201434.72	0.014348168	0.0143	0.00287

Unmitigated

Annual PM2.5 Total (Exhaust + Fugitive Dust)

X (m)	Y (m)	Average PM2.5 Total (ug/m3)	Max PM2.5 (ug/m3)
607366.33	4200769.13	0.0253	0.0253

Mitigated

Chronic Non-Cancer Hazard Index at the Maximum Impacted Sensitive Receptor

Reference Exposure Level (REL) for DPM: 5 ug/m3

CNCHI = DPM/REL

X (m)	Y (m)	Average DPM (ug/m3)	Max DPM (ug/m3)	CNCHI
606208.52	4201434.72	0.0012	0.0012	0.00023

Mitigated

Annual PM2.5 Total (Exhaust + Fugitive Dust)

X (m)	Y (m)	Average PM2.5 Total (ug/m3)	Max PM2.5 (ug/m3)
607366.33	4200769.13	0.0091	0.0091

Mitigated

Annual PM2.5 Total (Exhaust + Fugitive Dust)

X (m)	Y (m)	Average PM2.5 Total (ug/m3)	Max PM2.5 (ug/m3)
607331.85	4202048.62	0.0157	0.0157

Ranch EIR Residential Project Construction Parameters

Phase 1

Construction Annual DPM Emissions (PM2.5 Exhaust) **Unmitigated Concentrations**

Annual Average Onsite DPM Rate (grams/m2/sec):	8.40E-09
Annual Average Offsite DPM Emission Rate - Road 1 (grams/sec):	1.57E-05
Annual Average Offsite DPM Emission Rate - Road 2 (grams/sec):	1.59E-05
Annual Average Offsite DPM Emission Rate - Road 3 (grams/sec):	2.55E-05
Annual Average Offsite DPM Emission Rate - Road4 (grams/sec):	2.54E-05

X	Y	Onsite PROJECT SITE Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 1 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 4 Unit Emissions VALUES AVERAGED AVERAGE CONC	Onsite PROJECT SITE Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 1 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 2 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 3 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 4 Annual DPM Exhaust w/Actual Emissions (ug/m3)	**Total DPM (ug/m3)**
605009.76	4201463.46	2712.65236	0.00295	0.00295	0.01178	0.01195	2.28E-05	4.63E-08	4.69E-08	3.00E-07	3.03E-07	2.3475E-05
605020.97	4201489.77	2669.71823	0.00295	0.00296	0.01192	0.0121	2.24E-05	4.63E-08	4.71E-08	3.04E-07	3.07E-07	2.3122E-05
605025.63	4201440.58	2833.73415	0.00301	0.00301	0.01197	0.01215	2.38E-05	4.73E-08	4.79E-08	3.05E-07	3.08E-07	2.4504E-05
605045.35	4201493.83	2652.73999	0.00292	0.00293	0.01195	0.01213	2.23E-05	4.59E-08	4.66E-08	3.04E-07	3.08E-07	2.2980E-05
605052.57	4201438.73	2882.43977	0.00303	0.00303	0.01215	0.01233	2.42E-05	4.76E-08	4.82E-08	3.10E-07	3.13E-07	2.4922E-05
605067.01	4201501.96	2637.15053	0.0029	0.00291	0.01203	0.01221	2.21E-05	4.55E-08	4.63E-08	3.06E-07	3.10E-07	2.2853E-05
605077.3	4201449.8	2862.50172	0.00301	0.00302	0.01225	0.01243	2.40E-05	4.73E-08	4.81E-08	3.12E-07	3.15E-07	2.4760E-05
605088.68	4201514.14	2616.28282	0.00289	0.0029	0.01214	0.01232	2.20E-05	4.54E-08	4.61E-08	3.09E-07	3.13E-07	2.2683E-05
605094.28	4201462.35	2811.94873	0.00297	0.00298	0.01226	0.01244	2.36E-05	4.66E-08	4.74E-08	3.12E-07	3.16E-07	2.4334E-05
605106.29	4201530.4	2585.42567	0.00287	0.00289	0.01225	0.01243	2.17E-05	4.51E-08	4.60E-08	3.12E-07	3.15E-07	2.2429E-05
605113.1	4201473.42	2783.41245	0.00295	0.00295	0.01233	0.01251	2.34E-05	4.63E-08	4.69E-08	3.14E-07	3.17E-07	2.4097E-05
605134.6	4201499.62	2685.08721	0.00288	0.00289	0.01235	0.01253	2.25E-05	4.52E-08	4.60E-08	3.15E-07	3.18E-07	2.3271E-05
605151.19	4201482.44	2810.7023	0.00296	0.00297	0.01262	0.0128	2.36E-05	4.65E-08	4.73E-08	3.21E-07	3.25E-07	2.4342E-05
605168.07	4201530.53	2617.99257	0.00285	0.00287	0.01256	0.01275	2.20E-05	4.48E-08	4.57E-08	3.20E-07	3.23E-07	2.2718E-05
605172.03	4201466.28	2991.26354	0.0031	0.00311	0.01308	0.01327	2.51E-05	4.87E-08	4.95E-08	3.33E-07	3.37E-07	2.5886E-05
605181.62	4201558.83	2535.86369	0.00281	0.00283	0.01262	0.01281	2.13E-05	4.41E-08	4.50E-08	3.21E-07	3.25E-07	2.2030E-05
605188.98	4201454.15	3142.93594	0.00321	0.00323	0.01347	0.01367	2.64E-05	5.04E-08	5.14E-08	3.43E-07	3.47E-07	2.7183E-05
605191.33	4201515.02	2728.83123	0.00291	0.00293	0.01284	0.01303	2.29E-05	4.57E-08	4.66E-08	3.27E-07	3.31E-07	2.3664E-05
605193.13	4201585.31	2495.00931	0.0028	0.00283	0.01279	0.01299	2.10E-05	4.40E-08	4.50E-08	3.26E-07	3.30E-07	2.1695E-05
605201.19	4201601.43	2431.04091	0.00275	0.00278	0.01274	0.01294	2.04E-05	4.32E-08	4.42E-08	3.25E-07	3.28E-07	2.1154E-05
605202.19	4201404.28	3819.28723	0.00367	0.00368	0.01494	0.01516	3.21E-05	5.76E-08	5.86E-08	3.81E-07	3.85E-07	3.2953E-05
605207.14	4201438.92	3422.14723	0.00343	0.00344	0.01424	0.01445	2.87E-05	5.39E-08	5.47E-08	3.63E-07	3.67E-07	2.9574E-05
605207.2	4201501	2855.33751	0.00301	0.00303	0.01315	0.01335	2.40E-05	4.73E-08	4.82E-08	3.35E-07	3.39E-07	2.4746E-05
605208.1	4201623.31	2323.97778	0.00265	0.00268	0.01256	0.01276	1.95E-05	4.16E-08	4.26E-08	3.20E-07	3.24E-07	2.0243E-05
605226.39	4201488.08	2994.2288	0.00311	0.00313	0.01351	0.01371	2.51E-05	4.88E-08	4.98E-08	3.44E-07	3.48E-07	2.5934E-05
605226.91	4201528.1	2741.2959	0.00293	0.00295	0.01316	0.01336	2.30E-05	4.60E-08	4.69E-08	3.35E-07	3.39E-07	2.3786E-05
605227.67	4201640.58	2294.60534	0.00263	0.00266	0.01267	0.01288	1.93E-05	4.13E-08	4.23E-08	3.23E-07	3.27E-07	2.0001E-05
605241.22	4201548.03	2696.01709	0.00291	0.00294	0.01329	0.0135	2.26E-05	4.57E-08	4.68E-08	3.39E-07	3.42E-07	2.3412E-05
605249.55	4201659	2277.3167	0.00262	0.00265	0.01285	0.01306	1.91E-05	4.12E-08	4.22E-08	3.27E-07	3.31E-07	1.9865E-05
605251.44	4201595.54	2569.34984	0.00286	0.00289	0.01342	0.01363	2.16E-05	4.49E-08	4.60E-08	3.42E-07	3.46E-07	2.2354E-05
605251.89	4201403.82	3859.29586	0.00366	0.00367	0.01505	0.01526	3.24E-05	5.75E-08	5.84E-08	3.83E-07	3.87E-07	3.3293E-05
605255.31	4201424.35	3672.58648	0.00356	0.00357	0.01486	0.01507	3.08E-05	5.59E-08	5.68E-08	3.79E-07	3.82E-07	3.1713E-05
605262.68	4201624.15	2459.26414	0.00278	0.0028	0.01333	0.01355	2.07E-05	4.37E-08	4.46E-08	3.40E-07	3.44E-07	2.1422E-05
605269.83	4201576.12	2718.25745	0.00298	0.00301	0.01384	0.01407	2.28E-05	4.68E-08	4.79E-08	3.53E-07	3.57E-07	2.3630E-05
605271.43	4201670.51	2275.15833	0.00263	0.00265	0.01303	0.01326	1.91E-05	4.13E-08	4.22E-08	3.32E-07	3.36E-07	1.9857E-05
605272.78	4201468.12	3223.20827	0.00324	0.00326	0.01411	0.01431	2.71E-05	5.09E-08	5.19E-08	3.59E-07	3.63E-07	2.7891E-05
605279.99	4201489.75	3063.36092	0.00312	0.00314	0.01391	0.01411	2.57E-05	4.90E-08	5.00E-08	3.54E-07	3.58E-07	2.6535E-05
605283.25	4201641.66	3883.68842	0.00368	0.00369	0.01537	0.01559	3.26E-05	5.78E-08	5.87E-08	3.92E-07	3.96E-07	3.3515E-05
605285.4	4201543.23	2815.006	0.00299	0.00302	0.01383	0.01404	2.36E-05	4.70E-08	4.81E-08	3.52E-07	3.56E-07	2.4442E-05
605286.18	4201633.34	2462.94128	0.00278	0.00281	0.01354	0.01377	2.07E-05	4.37E-08	4.47E-08	3.45E-07	3.49E-07	2.1464E-05
605286.6	4201513.79	2926.74446	0.00303	0.00306	0.01381	0.01402	2.46E-05	4.76E-08	4.87E-08	3.52E-07	3.56E-07	2.5380E-05
605288.7	4201676.27	2277.03789	0.00263	0.00265	0.01318	0.0134	1.91E-05	4.13E-08	4.22E-08	3.36E-07	3.40E-07	1.9880E-05
605303.55	4201645.09	2423.45746	0.00274	0.00277	0.01358	0.01381	2.04E-05	4.30E-08	4.41E-08	3.46E-07	3.50E-07	2.1134E-05
605305.23	4201576.28	2840.61721	0.00308	0.00311	0.01448	0.01471	2.39E-05	4.84E-08	4.95E-08	3.69E-07	3.73E-07	2.4693E-05
605306.62	4201416.94	4034.79659	0.00379	0.0038	0.01592	0.01616	3.39E-05	5.95E-08	6.05E-08	4.06E-07	4.10E-07	3.4816E-05
605315.44	4201466.31	3403.56125	0.00337	0.00339	0.01478	0.01499	2.86E-05	5.29E-08	5.39E-08	3.77E-07	3.80E-07	2.9444E-05
605322.05	4201586.49	2866.42816	0.00311	0.00314	0.01479	0.01504	2.41E-05	4.88E-08	5.00E-08	3.77E-07	3.82E-07	2.4927E-05
605331.61	4201420.86	4177.97383	0.00388	0.0039	0.01649	0.01673	3.51E-05	6.09E-08	6.21E-08	4.20E-07	4.24E-07	3.6051E-05
605335.73	4201683.92	2321.74453	0.00267	0.00269	0.01368	0.01391	1.95E-05	4.19E-08	4.28E-08	3.48E-07	3.53E-07	2.0282E-05
605338.73	4201527.72	2955.03262	0.00305	0.00307	0.0143	0.01451	2.48E-05	4.79E-08	4.88E-08	3.64E-07	3.68E-07	2.5643E-05
605341.29	4201471.54	3470.66414	0.00343	0.00345	0.01516	0.01539	2.91E-05	5.39E-08	5.49E-08	3.86E-07	3.90E-07	3.0029E-05
605343.08	4201606.92	2823.70201	0.00309	0.00312	0.01499	0.01525	2.37E-05	4.85E-08	4.96E-08	3.82E-07	3.87E-07	2.4578E-05
605346.39	4201549.18	2910.09137	0.00305	0.00308	0.01449	0.01472	2.44E-05	4.79E-08	4.90E-08	3.69E-07	3.73E-07	2.5276E-05
605347.42	4201504.74	3131.71038	0.00316	0.00319	0.01457	0.01478	2.63E-05	4.96E-08	5.08E-08	3.71E-07	3.75E-07	2.7144E-05
605353.26	4201422.76	4296.18422	0.00395	0.00397	0.01692	0.01717	3.61E-05	6.20E-08	6.32E-08	4.31E-07	4.36E-07	3.7068E-05
605355.14	4201690.56	2334.12252	0.00269	0.00271	0.01389	0.01414	1.96E-05	4.23E-08	4.31E-08	3.54E-07	3.59E-07	2.0398E-05
605358.21	4201654.29	2532.14649	0.00285	0.00287	0.0144	0.01465	2.13E-05	4.48E-08	4.57E-08	3.67E-07	3.72E-07	2.2092E-05
605363.25	4201470.52	3610.1286	0.00353	0.00356	0.01568	0.01592	3.03E-05	5.54E-08	5.66E-08	3.99E-07	4.04E-07	3.1230E-05
605367.72	4201603.92	2944.65045	0.00319	0.00322	0.01557	0.01584	2.47E-05	5.01E-08	5.12E-08	3.97E-07	4.02E-07	2.5627E-05
605371.93	4201559.39	2960.38872	0.00311	0.00314	0.01495	0.01518	2.49E-05	4.88E-08	5.00E-08	3.81E-07	3.85E-07	2.5724E-05
605375.91	4201424.82	4378.85202	0.004	0.00402	0.01725	0.0175	3.68E-05	6.28E-08	6.40E-08	4.39E-07	4.44E-07	3.7780E-05
605379.67	4201688.01	2397.07364	0.00275	0.00277	0.01428	0.01453	2.01E-05	4.32E-08	4.41E-08	3.64E-07	3.69E-07	2.0948E-05
605382.73	4201653.78	2598.38743	0.00291	0.00293	0.0148	0.01506	2.18E-05	4.57E-08	4.66E-08	3.77E-07	3.82E-07	2.2670E-05
605391.16	4201606.92	3051.87714	0.00328	0.00332	0.01617	0.01645	2.56E-05	5.15E-08	5.28E-08	4.12E-07	4.17E-07	2.6561E-05
605392.87	4201547.64	2994.66644	0.00309	0.00312	0.01496	0.01518	2.51E-05	4.85E-08	4.96E-08	3.81E-07	3.85E-07	2.6011E-05
605397.74	4201432.23	4335.8844	0.00397	0.00399	0.01731	0.01757	3.64E-05	6.24E-08	6.35E-08	4.41E-07	4.46E-07	3.7422E-05
605400.1	4201689.03	2434.48395	0.00278	0.0028	0.01457	0.01482	2.04E-05	4.37E-08	4.46E-08	3.71E-07	3.76E-07	2.1278E-05
605401.04	4201524.15	3110.90095	0.00313	0.00316	0.015	0.01521	2.61E-05	4.92E-08	5.03E-08	3.82E-07	3.86E-07	2.6990E-05
605402.58	4201503.72	3274.66093	0.00324	0.00327	0.0152	0.01542	2.75E-05	5.09E-08	5.20E-08	3.87E-07	3.91E-07	2.8379E-05
605407.25	4201655.82	2638.25955	0.00294	0.00297	0.01513	0.0154	2.22E-05	4.62E-08	4.73E-08	3.85E-07	3.91E-07	2.3023E-05
605407.68	4201483.8	3532.37185	0.00344	0.00347	0.01574	0.01596	2.97E-05	5.40E-08	5.52E-08	4.01E-07	4.05E-07	3.0577E-05
605416.39	4201604.52	3119.2205	0.00333	0.00336	0.01653	0.01682	2.62E-05	5.23E-08	5.35E-08	4.21E-07	4.27E-07	2.7146E-05
605416.69	4201438.82	4282.40943	0.00394	0.00396	0.01732	0.01758	3.60E-05	6.19E-08	6.30E-08	4.41E-07	4.46E-07	3.6972E-05
605423.6	4201689.54	2471.99437	0.00281	0.00283	0.01487	0.01514	2.08E-05	4.41E-08	4.50E-08	3.79E-07	3.84E-07	2.1610E-05
605425.13	4201659.91	2650.78597	0.00295	0.00298	0.01533	0.0156	2.23E-05	4.63E-08	4.74E-08	3.91E-07	3.96E-07	2.3139E-05
605438.52	4201442.12	4288.16608	0.00393	0.00395	0.01743	0.0177	3.60E-05	6.17E-08	6.29E-08	4.44E-07	4.49E-07	3.7026E-05
605439.23	4201611.73	3135.02861	0.00334	0.00337	0.01681	0.01711	2.63E-05	5.25E-08	5.36E-08	4.28E-07	4.34E-07	2.7294E-05
605440.46	4201696.18	2472.25699	0.00282	0.00284	0.01504	0.01531	2.08E-05	4.43E-08	4.52E-08	3.83E-07	3.88E-07	2.1621E-05
605441.9	4201530.28	3223.10907	0.00323	0.00326	0.01565	0.01588	2.71E-05	5.07E-08	5.19E-08	3.99E-07	4.03E-07	2.7969E-05
605441.9	4201555.3	3175.15642	0.00326	0.00329	0.01597	0.01622	2.67E-05	5.12E-08	5.24E-08	4.07E-07	4.11E-07	2.7584E-05
605448.12	4201661.95	2704.66148	0.003	0.00303	0.01571	0.016	2.27E-05	4.71E-08	4.82E-08	4.00E-07	4.06E-07	2.3613E-05
605450.08	4201487.89	3606.07445	0.00347	0.0035	0.01616	0.0164	3.03E-05	5.45E-08	5.57E-08	4.12E-07	4.16E-07	3.1219E-05
605450.59	4201506.27	3426.58745	0.00335	0.00338	0.01592	0.01615	2.88E-05	5.26E-08	5.38E-08	4.06E-07	4.10E-07	2.9695E-05
605456.65	4201611.13	3187.72242	0.00338	0.00341	0.0171	0.0174	2.68E-05	5.31E-08	5.43E-08	4.36E-07	4.41E-07	2.7752E-05
605459.12	4201443.35	4329.42746	0.00394	0.00397	0.01761	0.01788	3.64E-05	6.19E-08	6.32E-08	4.49E-07	4.54E-07	3.7382E-05
605462.43	4201701.8	2490.2883	0.00284	0.00286	0.01531	0.01559	2.09E-05	4.46E-08	4.55E-08	3.90E-07	3.96E-07	2.1787E-05
605466.42	4201572.67	3264.58366	0.00337	0.0034	0.01676	0.01703	2.74E-05	5.29E-08	5.41E-08	4.27E-07	4.32E-07	2.8379E-05
605467.03	4201661.95	2775.15754	0.00307	0.00309	0.01613	0.01642	2.33E-05	4.82E-08	4.92E-08	4.11E-07	4.17E-07	2.4228E-05
605483.09	4201613.53	3245.02844	0.00342	0.00345	0.0175	0.01781	2.72E-05	5.37E-08	5.49E-08	4.46E-07	4.52E-07	2.8255E-05
605483.88	4201705.38	2533.18485	0.00289	0.0029	0.01567	0.01596	2.13E-05	4.54E-08	4.61E-08	3.99E-07	4.05E-07	2.2167E-05
605484.66	4201447.47	4361.09949	0.00395	0.00398	0.01785	0.01812	3.66E-05	6.20E-08	6.33E-08	4.55E-07	4.60E-07	3.7661E-05
605492.57	4201664	2867.93779	0.00316	0.00318	0.0167	0.01701	2.41E-05	4.96E-08	5.06E-08	4.25E-07	4.32E-07	2.5040E-05
605492.98	4201561.94	3309.66876	0.00336	0.0034	0.01681	0.01708	2.78E-05	5.28E-08	5.41E-08	4.28E-07	4.33E-07	2.8760E-05
605498.6	4201538.96	3345.72392	0.00332	0.00335	0.01647	0.01671	2.81E-05	5.21E-08	5.33E-08	4.20E-07	4.24E-07	2.9043E-05
605501.15	4201514.96	3496.06658	0.00338	0.00341	0.01649	0.01673	2.94E-05	5.31E-08	5.43E-08	4.20E-07	4.24E-07	3.0309E-05
605502.92	4201612.33	3293.90594	0.00345	0.00349	0.01778	0.01809	2.77E-05	5.42E-08	5.55E-08	4.53E-07	4.59E-07	2.8681E-05
605503.19	4201494.01	3706.22914	0.00351	0.00355	0.01676	0.01701	3.11E-05	5.51E-08	5.65E-08	4.27E-07	4.32E-07	3.2092E-05
605504.84	4201447.88	4484.41015	0.00402	0.00405	0.01829	0.01858	3.77E-05	6.31E-08	6.44E-08	4.66E-07	4.71E-07	3.8721E-05
605506.45	4201709.81	2599.04656	0.00296	0.00298	0.01616	0.01647	2.18E-05	4.65E-08	4.74E-08	4.12E-07	4.18E-07	2.2748E-05
605507.9	4201666.04	2932.38025	0.00322	0.00324	0.0171	0.01742	2.46E-05	5.06E-08	5.16E-08	4.36E-07	4.42E-07	2.5603E-05
605523.95	4201611.73	3352.35138	0.00349	0.00352	0.0181	0.01842	2.82E-05	5.48E-08	5.60E-08	4.61E-07	4.67E-07	2.9189E-05
605525.44	4201445.41	4715.61961	0.00416	0.00419	0.01899	0.01929	3.96E-05	6.53E-08	6.67E-08	4.84E-07	4.89E-07	4.0703E-05
605529.85	4201708.66	2695.284	0.00305	0.00307	0.01673	0.01705	2.26E-05	4.79E-08	4.88E-08	4.26E-07	4.33E-07	2.3588E-05
605535.44	4201664.55	3093.54599	0.00336	0.00338	0.01794	0.01827	2.60E-05	5.28E-08	5.38E-08	4.57E-07	4.64E-07	2.7004E-05
605544.56	4201490.44	3916.00871	0.00364	0.00368	0.01752	0.01779	3.29E-05	5.72E-08	5.86E-08	4.46E-07	4.51E-07	3.3897E-05
605546.45	4201443.77	4881.36996	0.00424	0.00428	0.01949	0.0198	4.10E-05	6.66E-08	6.81E-08	4.96E-07	5.02E-07	4.2123E-05
605546.79	4201603.32	3404.86006	0.00351	0.00354	0.01826	0.01857	2.86E-05	5.51E-08	5.63E-08	4.65E-07	4.71E-07	2.9639E-05
605547.12	4201515.47	3628.63134	0.00345	0.00349	0.01711	0.01737	3.05E-05	5.42E-08	5.55E-08	4.36E-07	4.41E-07	3.1456E-05
605553.76	4201533.34	3493.54876	0.00337	0.00341	0.01706	0.01732	2.93E-05	5.29E-08	5.43E-08	4.35E-07	4.39E-07	3.0317E-05
605554.89	4201703.55	2854.64585	0.00319	0.00321	0.01754	0.01788	2.40E-05	5.01E-08	5.11E-08	4.47E-07	4.54E-07	2.4972E-05
605558.77	4201654.65	3316.41993	0.00353	0.00355	0.01887	0.01922	2.78E-05	5.54E-08	5.65E-08	4.81E-07	4.88E-07	2.8929E-05
605564.99	4201556.84	3413.9196	0.00337	0.0034	0.01734	0.01761	2.87E-05	5.29E-08	5.41E-08	4.42E-07	4.47E-07	2.9663E-05
605565.42	4201590.1	3430.19057	0.00349	0.00352	0.01816	0.01846	2.88E-05	5.48E-08	5.60E-08	4.63E-07	4.68E-07	2.9846E-05
605567.46	4201442.94	4870.04078	0.00421	0.00424	0.01945	0.01976	4.09E-05	6.61E-08	6.75E-08	4.95E-07	5.01E-07	4.2025E-05
605573.79	4201690.78	3063.59229	0.00336	0.00338	0.0184	0.01876	2.57E-05	5.28E-08	5.38E-08	4.69E-07	4.76E-07	2.6777E-05
605579.28	4201648.29	3438.99459	0.00361	0.00364	0.01938	0.01974	2.89E-05	5.67E-08	5.79E-08	4.94E-07	5.01E-07	2.9987E-05
605581.34	4201577.78	3446.20395	0.00345	0.00349	0.01801	0.01831	2.89E-05	5.42E-08	5.55E-08	4.59E-07	4.65E-07	2.9971E-05
605585.21	4201494.54	4005.36895	0.00368	0.00371	0.01804	0.01832	3.36E-05	5.78E-08	5.90E-08	4.60E-07	4.65E-07	3.4675E-05
605590.11	4201443.35	4882.80933	0.00419	0.00423	0.01952	0.01983	4.10E-05	6.58E-08	6.73E-08	4.97E-07	5.03E-07	4.2135E-05
605590.91	4201684.04	3228.74242	0.00349	0.00351	0.01912	0.01949	2.71E-05	5.48E-08	5.59E-08	4.87E-07	4.94E-07	2.8204E-05
605596.96	4201631.32	3505.7679	0.00363	0.00365	0.01944	0.01979	2.94E-05	5.70E-08	5.81E-08	4.95E-07	5.04E-07	3.0551E-05
605608.24	4201447.88	4875.24867	0.00418	0.00421	0.01966	0.01997	4.09E-05	6.57E-08	6.70E-08	5.01E-07	5.07E-07	4.2078E-05
605612.32	4201491.81	4211.72385	0.00381	0.00385	0.01877	0.01907	3.54E-05	5.98E-08	6.13E-08	4.78E-07	4.84E-07	3.6450E-05
605612.51	4201618.59	3522.67926	0.00361	0.00363	0.01932	0.01967	2.96E-05	5.67E-08	5.78E-08	4.92E-07	4.99E-07	3.0686E-05
605617.05	4201550.42	3611.88384	0.00347	0.00351	0.01814	0.01843	3.03E-05	5.45E-08	5.59E-08	4.62E-07	4.68E-07	3.1370E-05
605617.31	4201676.04	3436.53249	0.00364	0.00366	0.02003	0.02042	2.89E-05	5.72E-08	5.82E-08	5.10E-07	5.18E-07	3.0001E-05
605622.85	4201440.76	5094.21765	0.00428	0.00432	0.02013	0.02045	4.28E-05	6.72E-08	6.87E-08	5.13E-07	5.19E-07	4.3944E-05
605629.67	4201535.39	3784.36597	0.00357	0.0036	0.01846	0.01875	3.18E-05	5.61E-08	5.73E-08	4.70E-07	4.76E-07	3.2837E-05
605633.16	4201493.26	4386.04517	0.00394	0.00398	0.01949	0.01981	3.68E-05	6.19E-08	6.33E-08	4.96E-07	5.03E-07	3.7955E-05
605646.71	4201591.06	3573.20845	0.00355	0.00358	0.01907	0.0194	3.00E-05	5.58E-08	5.70E-08	4.86E-07	4.92E-07	3.1095E-05
605651.9	4201523.98	4024.31791	0.00372	0.00376	0.01912	0.01943	3.38E-05	5.84E-08	5.98E-08	4.87E-07	4.93E-07	3.4891E-05

605652.06	4201496.17	4495.1288	0.00402	0.00406	0.02002	0.02035	3.77E-05	6.31E-08	6.46E-08	5.10E-07	5.16E-07	3.8900E-05
605652.36	4201436.02	5478.45899	0.00448	0.00452	0.02116	0.0215	4.60E-05	7.04E-08	7.19E-08	5.39E-07	5.45E-07	4.7230E-05
605663.57	4201579.82	3620.25642	0.00353	0.00356	0.01906	0.01938	3.04E-05	5.54E-08	5.66E-08	4.86E-07	4.92E-07	3.1489E-05
605664.73	4201615.37	3611.84251	0.00364	0.00366	0.01985	0.0202	3.03E-05	5.72E-08	5.82E-08	5.06E-07	5.12E-07	3.1463E-05
605666.66	4201657.64	3664.56435	0.00378	0.0038	0.02091	0.02131	3.08E-05	5.94E-08	6.05E-08	5.33E-07	5.41E-07	3.1965E-05
605667.86	4201640.21	3623.02033	0.0037	0.00373	0.02042	0.02079	3.04E-05	5.81E-08	5.94E-08	5.20E-07	5.27E-07	3.1588E-05
605676.3	4201482.12	4992.40949	0.00431	0.00435	0.02132	0.02168	4.19E-05	6.77E-08	6.92E-08	5.43E-07	5.50E-07	4.3152E-05
605679.28	4201449.87	5639.01275	0.00461	0.00465	0.02219	0.02255	4.74E-05	7.24E-08	7.40E-08	5.65E-07	5.72E-07	4.8635E-05
605679.91	4201566.03	3721.81831	0.00356	0.00359	0.01919	0.01951	3.13E-05	5.59E-08	5.71E-08	4.89E-07	4.95E-07	3.2350E-05
605680.74	4201532.99	4031.09538	0.00372	0.00376	0.01949	0.01981	3.38E-05	5.84E-08	5.98E-08	4.96E-07	5.03E-07	3.4967E-05
605752.64	4201613.91	3905.76115	0.0038	0.00383	0.02139	0.02178	3.28E-05	5.97E-08	6.09E-08	5.45E-07	5.53E-07	3.4015E-05
605753.43	4201572.13	3965.29491	0.0037	0.00373	0.02058	0.02094	3.33E-05	5.81E-08	5.94E-08	5.24E-07	5.31E-07	3.4470E-05
605753.43	4201592.62	3905.16587	0.00373	0.00376	0.02088	0.02125	3.28E-05	5.86E-08	5.98E-08	5.32E-07	5.39E-07	3.3982E-05
605755.8	4201636.77	4080.06293	0.004	0.00403	0.02258	0.02301	3.43E-05	6.28E-08	6.41E-08	5.75E-07	5.84E-07	3.5547E-05
605756.59	4201659.63	4179.86476	0.00412	0.00414	0.02342	0.02387	3.51E-05	6.47E-08	6.59E-08	5.97E-07	6.06E-07	3.6432E-05
605756.59	4201550.06	4167.72506	0.00379	0.00383	0.02075	0.02111	3.50E-05	5.95E-08	6.09E-08	5.29E-07	5.36E-07	3.6182E-05
605757.37	4201681.7	4094.6255	0.0041	0.00412	0.02348	0.02394	3.44E-05	6.44E-08	6.56E-08	5.98E-07	6.07E-07	3.5719E-05
605758.95	4201524.04	4607.90049	0.00407	0.00411	0.02159	0.02196	3.87E-05	6.39E-08	6.54E-08	5.50E-07	5.57E-07	3.9930E-05
605760.53	4201505.91	5045.57785	0.00433	0.00438	0.02251	0.0229	4.24E-05	6.80E-08	6.97E-08	5.73E-07	5.81E-07	4.3661E-05
605762.1	4201482.26	5723.12474	0.00469	0.00474	0.02382	0.02422	4.81E-05	7.37E-08	7.54E-08	6.07E-07	6.14E-07	4.9428E-05
605764.55	4201731.52	3661.07298	0.00383	0.00384	0.02249	0.02295	3.07E-05	6.02E-08	6.11E-08	5.73E-07	5.82E-07	3.2019E-05
605767.62	4201463.35	6094.83064	0.00483	0.00488	0.02416	0.02456	5.12E-05	7.59E-08	7.77E-08	6.15E-07	6.23E-07	5.2571E-05
605767.9	4201752.3	3492.58858	0.00372	0.00373	0.02204	0.0225	2.93E-05	5.84E-08	5.94E-08	5.61E-07	5.71E-07	3.0578E-05
605767.9	4201771.74	3358.65345	0.00363	0.00364	0.02165	0.02211	2.82E-05	5.70E-08	5.79E-08	5.52E-07	5.61E-07	2.9430E-05
605768.57	4201808.61	3255.06438	0.00358	0.00359	0.02143	0.0219	2.73E-05	5.62E-08	5.71E-08	5.46E-07	5.56E-07	2.8548E-05
605774.72	4201432.6	6307.92373	0.00479	0.00484	0.0234	0.02377	5.30E-05	7.52E-08	7.70E-08	5.96E-07	6.03E-07	5.4320E-05
605796.06	4201826.04	3424.49927	0.00372	0.00372	0.02228	0.02279	2.88E-05	5.84E-08	5.92E-08	5.68E-07	5.78E-07	3.0019E-05
605803.82	4201672.8	4426.92894	0.00429	0.00431	0.02478	0.02528	3.72E-05	6.74E-08	6.86E-08	6.31E-07	6.41E-07	3.8582E-05
605804.38	4201419.48	6425.21297	0.0047	0.00475	0.02296	0.02329	5.40E-05	7.38E-08	7.56E-08	5.85E-07	5.91E-07	5.5279E-05
605804.49	4201580.95	4619.7761	0.00423	0.00426	0.0235	0.02394	3.88E-05	6.64E-08	6.78E-08	5.99E-07	6.07E-07	4.0133E-05
605810.53	4201617.83	4751.78476	0.00441	0.00443	0.02491	0.02539	3.99E-05	6.93E-08	7.05E-08	6.35E-07	6.44E-07	4.1320E-05
605814.67	4201508.36	5741.19481	0.00474	0.00479	0.02496	0.02539	4.82E-05	7.45E-08	7.62E-08	6.36E-07	6.44E-07	4.9640E-05
605814.67	4201534.29	5225.4926	0.0045	0.00454	0.02423	0.02466	4.39E-05	7.07E-08	7.22E-08	6.17E-07	6.26E-07	4.5265E-05
605816.17	4201744.25	3626.57664	0.00378	0.00379	0.02272	0.02319	3.05E-05	5.94E-08	6.03E-08	5.79E-07	5.88E-07	3.1740E-05
605819.2	4201487.79	5971.95741	0.00479	0.00484	0.02486	0.02527	5.01E-05	7.52E-08	7.70E-08	6.33E-07	6.41E-07	5.1574E-05
605820.86	4201722.13	3856.33352	0.00393	0.00394	0.0234	0.02388	3.24E-05	6.17E-08	6.27E-08	5.96E-07	6.06E-07	3.3709E-05
605820.86	4201768.39	3375.20441	0.00359	0.0036	0.02196	0.02241	2.83E-05	5.64E-08	5.73E-08	5.59E-07	5.69E-07	2.9584E-05
605823.31	4201467.62	6112.40036	0.00478	0.00483	0.02441	0.02479	5.13E-05	7.51E-08	7.69E-08	6.22E-07	6.29E-07	5.2729E-05
605826.19	4201439.64	6339.37863	0.00474	0.00479	0.0237	0.02405	5.32E-05	7.45E-08	7.62E-08	6.04E-07	6.10E-07	5.4597E-05
605827.96	4201666.77	4626.10247	0.0044	0.00442	0.02551	0.02602	3.88E-05	6.91E-08	7.03E-08	6.50E-07	6.60E-07	4.0295E-05
605829.3	4201579.61	5082.39924	0.00452	0.00456	0.02518	0.02565	4.27E-05	7.10E-08	7.26E-08	6.41E-07	6.51E-07	4.4113E-05
605830.25	4201806.6	3425.60546	0.00368	0.00368	0.02242	0.02291	2.88E-05	5.78E-08	5.86E-08	5.71E-07	5.81E-07	3.0034E-05
605842.32	4201838.78	3670.34646	0.00389	0.00389	0.02346	0.024	3.08E-05	6.11E-08	6.19E-08	5.98E-07	6.09E-07	3.2150E-05
605846.73	4201613.8	5214.78463	0.00468	0.00471	0.02657	0.02708	4.38E-05	7.35E-08	7.49E-08	6.77E-07	6.87E-07	4.5302E-05
605847.01	4201720.79	3896.6651	0.00393	0.00394	0.02365	0.02415	3.27E-05	6.17E-08	6.27E-08	6.02E-07	6.13E-07	3.4060E-05
605848.35	4201757.66	3489.54284	0.00364	0.00365	0.02245	0.02292	2.93E-05	5.72E-08	5.81E-08	5.72E-07	5.81E-07	3.0571E-05
605850.75	4201582.29	5377.01384	0.0047	0.00473	0.02632	0.02681	4.52E-05	7.38E-08	7.53E-08	6.70E-07	6.80E-07	4.6651E-05
605851.42	4201667.44	4668.19419	0.00441	0.00442	0.02577	0.02629	3.92E-05	6.93E-08	7.03E-08	6.56E-07	6.67E-07	4.0663E-05
605854.59	4201515.36	5844.59535	0.00478	0.00482	0.02561	0.02605	4.91E-05	7.51E-08	7.67E-08	6.52E-07	6.61E-07	5.0543E-05
605854.59	4201537.17	5746.33812	0.0048	0.00484	0.02611	0.02657	4.83E-05	7.54E-08	7.70E-08	6.65E-07	6.74E-07	4.9744E-05
605857.05	4201470.09	6026.47462	0.00466	0.00471	0.02419	0.02456	5.06E-05	7.32E-08	7.49E-08	6.16E-07	6.23E-07	5.1993E-05
605857.05	4201491.49	5905.76506	0.0047	0.00475	0.02482	0.02522	4.96E-05	7.38E-08	7.56E-08	6.32E-07	6.40E-07	5.1013E-05
605860.35	4201439.64	6361.03594	0.00465	0.0047	0.02358	0.02391	5.34E-05	7.30E-08	7.48E-08	6.01E-07	6.07E-07	5.4770E-05
605865.78	4201716.1	3977.09459	0.00397	0.00398	0.02399	0.0245	3.34E-05	6.24E-08	6.33E-08	6.11E-07	6.22E-07	3.4755E-05
605870.86	4201658.05	4860.86679	0.0045	0.00452	0.02636	0.0269	4.08E-05	7.07E-08	7.19E-08	6.71E-07	6.82E-07	4.2314E-05
605872.48	4201754.31	3595.1621	0.0037	0.00371	0.02295	0.02343	3.02E-05	5.81E-08	5.90E-08	5.85E-07	5.94E-07	3.1485E-05
605873.15	4201846.82	3872.85969	0.00403	0.00403	0.02435	0.02491	3.25E-05	6.33E-08	6.41E-08	6.20E-07	6.32E-07	3.3901E-05
605875.56	4201623.19	5446.12612	0.00482	0.00485	0.02767	0.02821	4.57E-05	7.57E-08	7.72E-08	7.05E-07	7.16E-07	4.7305E-05
605888.57	4201714.09	4056.91994	0.004	0.00401	0.02438	0.02489	3.41E-05	6.28E-08	6.38E-08	6.21E-07	6.31E-07	3.5446E-05
605889.24	4201803.25	3650.40856	0.00381	0.00381	0.02356	0.02408	3.07E-05	5.98E-08	6.06E-08	6.00E-07	6.11E-07	3.1985E-05
605889.63	4201654.7	4945.04244	0.00453	0.00455	0.02667	0.02721	4.15E-05	7.12E-08	7.24E-08	6.79E-07	6.90E-07	4.3038E-05
605892.86	4201424.83	6719.86786	0.00463	0.00468	0.02348	0.02379	5.64E-05	7.27E-08	7.45E-08	5.98E-07	6.04E-07	5.7777E-05
605893.94	4201834.09	3925.33531	0.00405	0.00405	0.02463	0.0252	3.30E-05	6.36E-08	6.44E-08	6.27E-07	6.39E-07	3.4356E-05
605895.28	4201750.29	3719.3805	0.00377	0.00378	0.02351	0.024	3.12E-05	5.92E-08	6.01E-08	5.99E-07	6.09E-07	3.2559E-05
605904.79	4201542.52	5590.05555	0.00464	0.00467	0.02586	0.0263	4.69E-05	7.29E-08	7.43E-08	6.59E-07	6.67E-07	4.8414E-05
605905.72	4201609.78	5839.52985	0.00501	0.00503	0.02872	0.02926	4.90E-05	7.87E-08	8.00E-08	7.32E-07	7.42E-07	5.0668E-05
605907.73	4201585.65	5962.36395	0.00501	0.00504	0.02845	0.02897	5.01E-05	7.87E-08	8.02E-08	7.25E-07	7.35E-07	5.1685E-05
605908.49	4201515.36	5693.45456	0.00457	0.00461	0.02511	0.02551	4.78E-05	7.18E-08	7.34E-08	6.40E-07	6.47E-07	4.9241E-05
605910.7	4201707.38	4220.18115	0.00409	0.0041	0.025	0.02554	3.54E-05	6.42E-08	6.52E-08	6.37E-07	6.48E-07	3.6852E-05
605911.09	4201656.04	4935.66421	0.00451	0.00452	0.02675	0.02729	4.14E-05	7.08E-08	7.19E-08	6.81E-07	6.92E-07	4.2962E-05
605913.84	4201470.5	5999.12864	0.00444	0.00449	0.02384	0.02416	5.04E-05	6.97E-08	7.14E-08	6.07E-07	6.13E-07	5.1737E-05
605915.08	4201442.93	6481.95711	0.00454	0.0046	0.02371	0.02402	5.44E-05	7.13E-08	7.32E-08	6.04E-07	6.09E-07	5.5788E-05
605915.39	4201747.61	3847.72261	0.00385	0.00386	0.02407	0.02459	3.23E-05	6.05E-08	6.14E-08	6.13E-07	6.24E-07	3.3669E-05
605915.9	4201491.49	5855.36232	0.0045	0.00455	0.02448	0.02484	4.92E-05	7.07E-08	7.24E-08	6.24E-07	6.30E-07	5.0565E-05
605926.78	4201793.19	3699.01726	0.00378	0.00379	0.02388	0.0244	3.11E-05	5.94E-08	6.03E-08	6.08E-07	6.19E-07	3.2408E-05
605928.13	4201818.67	3911.19123	0.004	0.004	0.02474	0.0253	3.28E-05	6.28E-08	6.36E-08	6.30E-07	6.42E-07	3.4241E-05
605933.21	4201650.01	5203.61217	0.00465	0.00466	0.02762	0.02818	4.37E-05	7.30E-08	7.41E-08	7.04E-07	7.15E-07	4.5261E-05
605933.49	4201706.71	4357.13827	0.00417	0.00418	0.0256	0.02615	3.66E-05	6.55E-08	6.65E-08	6.52E-07	6.63E-07	3.8035E-05
605935.89	4201593.02	6217.06049	0.00515	0.00517	0.02949	0.03003	5.22E-05	8.09E-08	8.23E-08	7.51E-07	7.62E-07	5.3882E-05
605941.53	4201742.91	4072.82602	0.004	0.00401	0.025	0.02554	3.42E-05	6.28E-08	6.38E-08	6.37E-07	6.48E-07	3.5612E-05
605949.23	4201544.16	5881.11181	0.00475	0.00479	0.02681	0.02726	4.94E-05	7.46E-08	7.62E-08	6.83E-07	6.92E-07	5.0910E-05
605949.58	4201844.81	4218.04735	0.00423	0.00422	0.02589	0.0265	3.54E-05	6.64E-08	6.71E-08	6.60E-07	6.72E-07	3.6885E-05
605950.05	4201518.65	5936.3346	0.00465	0.00469	0.02591	0.02631	4.98E-05	7.30E-08	7.46E-08	6.60E-07	6.67E-07	5.1323E-05
605951.7	4201477.5	6259.88968	0.00456	0.00461	0.02479	0.02513	5.26E-05	7.16E-08	7.34E-08	6.31E-07	6.38E-07	5.3979E-05
605954.66	4201647.32	5452.2612	0.00477	0.00479	0.02845	0.02902	4.58E-05	7.49E-08	7.62E-08	7.25E-07	7.36E-07	4.7396E-05
605954.99	4201496.02	6128.54122	0.00462	0.00466	0.02538	0.02575	5.15E-05	7.26E-08	7.41E-08	6.47E-07	6.53E-07	5.2909E-05
605956.28	4201701.35	4616.48615	0.00433	0.00433	0.02656	0.02712	3.88E-05	6.80E-08	6.89E-08	6.77E-07	6.88E-07	4.0267E-05
605957.05	4201448.69	7011.13166	0.00484	0.00489	0.02527	0.02561	5.89E-05	7.60E-08	7.78E-08	6.44E-07	6.50E-07	6.0321E-05
605963.66	4201742.24	4288.14474	0.00415	0.00415	0.02588	0.02645	3.60E-05	6.52E-08	6.60E-08	6.59E-07	6.71E-07	3.7470E-05
605964.05	4201596.37	6506.21955	0.00529	0.00531	0.03049	0.03103	5.46E-05	8.31E-08	8.45E-08	7.77E-07	7.87E-07	5.6365E-05
605972.76	4201645.31	5733.42176	0.00492	0.00494	0.02936	0.02994	4.81E-05	7.73E-08	7.86E-08	7.48E-07	7.60E-07	4.9808E-05
605977.33	4201697.33	4912.9464	0.0045	0.00451	0.02761	0.02819	4.13E-05	7.07E-08	7.18E-08	7.03E-07	7.15E-07	4.2816E-05
605978.4	4201840.12	4267.162	0.00424	0.00424	0.02621	0.02683	3.58E-05	6.66E-08	6.75E-08	6.68E-07	6.81E-07	3.7314E-05
605984.21	4201435.94	7948.65897	0.00522	0.00528	0.02672	0.02709	6.67E-05	8.20E-08	8.40E-08	6.81E-07	6.87E-07	6.8280E-05
605984.44	4201737.55	4586.22495	0.00434	0.00435	0.02698	0.02758	3.85E-05	6.82E-08	6.92E-08	6.87E-07	7.00E-07	4.0036E-05
605986.17	4201587.66	6751.10789	0.00536	0.00539	0.03091	0.03145	5.67E-05	8.42E-08	8.58E-08	7.87E-07	7.98E-07	5.8445E-05
605990.47	4201806.6	4055.11412	0.00401	0.00401	0.02551	0.02609	3.41E-05	6.30E-08	6.38E-08	6.50E-07	6.62E-07	3.5490E-05
605993.15	4201787.83	4130.61382	0.00405	0.00404	0.02573	0.02631	3.47E-05	6.36E-08	6.43E-08	6.55E-07	6.67E-07	3.6136E-05
605998.91	4201636.6	6325.91269	0.00522	0.00524	0.03104	0.03162	5.31E-05	8.20E-08	8.34E-08	7.91E-07	8.02E-07	5.4878E-05
605999.86	4201691.29	5299.64601	0.00472	0.00473	0.02887	0.02947	4.45E-05	7.41E-08	7.53E-08	7.35E-07	7.48E-07	4.6134E-05
606001.9	4201630.87	6528.6162	0.00503	0.00507	0.02848	0.02894	5.48E-05	7.90E-08	8.07E-08	7.25E-07	7.34E-07	5.6441E-05
606004.78	4201518.24	6636.16919	0.00497	0.00501	0.02776	0.02819	5.57E-05	7.81E-08	7.97E-08	7.07E-07	7.15E-07	5.7305E-05
606005.22	4201734.87	4809.05901	0.00447	0.00448	0.0278	0.02841	4.04E-05	7.02E-08	7.13E-08	7.08E-07	7.21E-07	4.1953E-05
606005.3	4201499.08	6881.54144	0.00501	0.00505	0.02749	0.02791	5.78E-05	7.87E-08	8.04E-08	7.00E-07	7.08E-07	5.9353E-05
606006.95	4201591.01	6998.01762	0.00548	0.0055	0.03169	0.03224	5.88E-05	8.61E-08	8.75E-08	8.07E-07	8.18E-07	6.0562E-05
606009.49	4201477.75	7323.95775	0.00512	0.00517	0.0275	0.0279	6.15E-05	8.04E-08	8.23E-08	7.01E-07	7.08E-07	6.3071E-05
606012.6	4201448.69	8056.999	0.00529	0.00535	0.02757	0.02796	6.77E-05	8.31E-08	8.51E-08	7.02E-07	7.09E-07	6.9236E-05
606018.35	4201631.9	6529.2201	0.0053	0.00532	0.03151	0.0321	5.48E-05	8.32E-08	8.47E-08	8.03E-07	8.14E-07	5.6612E-05
606026	4201688.61	5577.66117	0.00486	0.00487	0.02977	0.03038	4.68E-05	7.63E-08	7.75E-08	7.58E-07	7.71E-07	4.8519E-05
606028.01	4201804.59	4285.31758	0.00413	0.00413	0.02649	0.0271	3.60E-05	6.49E-08	6.57E-08	6.75E-07	6.88E-07	3.7477E-05
606028.68	4201755.15	4386.08472	0.00419	0.00419	0.02678	0.02739	3.68E-05	6.58E-08	6.67E-08	6.82E-07	6.95E-07	3.8340E-05
606029.35	4201731.52	4908.4016	0.00451	0.00451	0.0282	0.02881	4.12E-05	7.08E-08	7.18E-08	7.18E-07	7.31E-07	4.2808E-05
606029.75	4201589.67	7268.43129	0.00558	0.00561	0.03233	0.03288	6.10E-05	8.76E-08	8.93E-08	8.24E-07	8.34E-07	6.2869E-05
606037.79	4201634.59	6549.34793	0.00529	0.00531	0.0316	0.03219	5.50E-05	8.31E-08	8.45E-08	8.05E-07	8.17E-07	5.6785E-05
606042.76	4201830.73	4549.90369	0.00437	0.00436	0.02753	0.02819	3.82E-05	6.86E-08	6.94E-08	7.01E-07	7.15E-07	3.9761E-05
606048.12	4201685.26	5539.21496	0.00481	0.00482	0.02964	0.03023	4.65E-05	7.56E-08	7.67E-08	7.55E-07	7.67E-07	4.8188E-05
606053.21	4201593.02	7502.80755	0.00568	0.0057	0.03299	0.03355	6.30E-05	8.92E-08	9.07E-08	8.40E-07	8.51E-07	6.4874E-05
606054.16	4201725.48	5048.03219	0.00456	0.00456	0.02867	0.02928	4.24E-05	7.16E-08	7.26E-08	7.30E-07	7.43E-07	4.4006E-05
606054.96	4201471.1	8333.12359	0.00549	0.00554	0.02931	0.02974	7.00E-05	8.62E-08	8.82E-08	7.47E-07	7.54E-07	7.1650E-05
606057.41	4201447.66	9056.07157	0.00566	0.00572	0.02942	0.02984	7.60E-05	8.89E-08	9.10E-08	7.49E-07	7.57E-07	7.7732E-05
606057.76	4201494.89	8226.3939	0.0056	0.00565	0.03045	0.03091	6.91E-05	8.80E-08	8.99E-08	7.76E-07	7.84E-07	7.0816E-05
606058.46	4201539.31	7941.63413	0.00569	0.00572	0.03195	0.03247	6.67E-05	8.94E-08	9.10E-08	8.14E-07	8.24E-07	6.8505E-05
606059.25	4201628.55	6883.66165	0.00543	0.00545	0.03235	0.03293	5.78E-05	8.53E-08	8.67E-08	8.24E-07	8.35E-07	5.9635E-05
606061.96	4201516.57	8083.42218	0.00564	0.00568	0.03121	0.0317	6.79E-05	8.86E-08	9.04E-08	7.95E-07	8.04E-07	6.9656E-05
606070.25	4201675.21	5855.13971	0.00496	0.00496	0.03042	0.03101	4.92E-05	7.79E-08	7.89E-08	7.75E-07	7.87E-07	5.0885E-05
606074.67	4201584.98	7970.9501	0.00585	0.00588	0.03381	0.03437	6.69E-05	9.19E-08	9.36E-08	8.61E-07	8.72E-07	6.8852E-05
606077.62	4201831.4	4779.00345	0.00449	0.00448	0.02851	0.0292	4.01E-05	7.05E-08	7.13E-08	7.26E-07	7.41E-07	4.1739E-05
606078.96	4201722.8	5250.81657	0.00465	0.00465	0.02934	0.02995	4.41E-05	7.30E-08	7.40E-08	7.47E-07	7.60E-07	4.5746E-05
606082.04	4201458.53	7321.14396	0.00562	0.00563	0.03335	0.03394	6.15E-05	8.83E-08	8.96E-08	8.50E-07	8.61E-07	6.3365E-05
606083.3	4201427.03	10625.39104	0.00608	0.00614	0.03084	0.03127	8.92E-05	9.55E-08	9.77E-08	7.86E-07	7.93E-07	9.0995E-05
606085.67	4201779.79	4852.20137	0.00443	0.00443	0.0286	0.02924	4.07E-05	6.96E-08	7.05E-08	7.29E-07	7.42E-07	4.2355E-05
606090.36	4201797.89	4797.67287	0.00441	0.0044	0.02853	0.02919	4.03E-05	6.93E-08	7.00E-08	7.27E-07	7.41E-07	4.1893E-05
606095.72	4201675.21	6201.61864	0.00513	0.00513	0.0314	0.03199	5.21E-05	8.06E-08	8.16E-08	8.00E-07	8.12E-07	5.3850E-05
606099.47	4201581.62	8507.73742	0.00606	0.00609	0.03484	0.0354	7.14E-05	9.52E-08	9.69E-08	8.88E-07	8.98E-07	7.3418E-05
606101.76	4201726.82	5443.57565	0.00475	0.00475	0.03002	0.03063	4.57E-05	7.46E-08	7.56E-08	7.65E-07	7.77E-07	4.7403E-05
606102.82	4201623.19	7803.8853	0.00583	0.00584	0.03447	0.03507	6.55E-05	9.16E-08	9.29E-08	8.78E-07	8.90E-07	6.7483E-05
606107.43	4201441.37	10422.08189	0.00604	0.0061	0.03123	0.03167	8.75E-05	9.49E-08	9.71E-08	7.96E-07	8.03E-07	8.9307E-05
606108.13	4201514.12	8512.84773	0.00572	0.00576	0.03177	0.03226	7.15E-05	8.98E-08	9.17E-08	8.09E-07	8.18E-07	7.3293E-05
606112.33	4201491.04	8886.23021	0.00573	0.00578	0.03129	0.03176	7.46E-05	9.00E-08	9.20E-08	7.97E-07	8.06E-07	7.6404E-05
606113.03	4201537.21	8819.98842	0.00599	0.00602	0.03358	0.03412	7.41E-05	9.41E-08	9.58E-08	8.55E-07	8.66E-07	7.5974E-05
606113.38	4201469.7	9359.04019	0.00578	0.00584	0.03096	0.03142	7.86E-05	9.08E-08	9.29E-08	7.89E-07	7.97E-07	8.0359E-05
606118.24	4201586.99	8885.53194	0.00623	0.00625	0.03577	0.03633	7.46E-05	9.79E-08	9.94E-08	9.11E-07	9.22E-07	7.6643E-05
606121.87	4201679.23	6593.71957	0.00533	0.00533	0.0325	0.03312	5.54E-05	8.37E-08	8.48E-08	8.28E-07	8.40E-07	5.7205E-05
606125.89	4201728.17	5722.26017	0.0049	0.0049	0.03089	0.03151	4.81E-05	7.70E-08	7.80E-08	7.87E-07	7.99E-07	4.9792E-05
606129.64	4201621.18	8603.45602	0.00617	0.00618	0.03619	0.03679	7.22E-05	9.69E-08	9.83E-08	9.22E-07	9.33E-07	7.4295E-05
606129.91	4201828.72	5049.29785	0.00457	0.00455	0.02973	0.03044	4.24E-05	7.18E-08	7.24E-08	7.57E-07	7.72E-07	4.4073E-05

606130.58	4201805.26	5155.21897	0.00461	0.0046	0.02995	0.03064	4.33E-05	7.24E-08	7.32E-08	7.63E-07	7.77E-07	4.4975E-05
606133.93	4201786.49	5309.91714	0.00469	0.00468	0.03032	0.03099	4.46E-05	7.37E-08	7.45E-08	7.72E-07	7.86E-07	4.6295E-05
606141.04	4201589.67	9379.23595	0.00642	0.00644	0.03677	0.03734	7.88E-05	1.01E-07	1.02E-07	9.37E-07	9.47E-07	8.0846E-05
606143.99	4201858.89	5400.97353	0.00493	0.0049	0.03106	0.03184	4.54E-05	7.74E-08	7.80E-08	7.91E-07	8.08E-07	4.7107E-05
606147.07	4201623.19	8996.97609	0.00633	0.00634	0.03703	0.03763	7.55E-05	9.94E-08	1.01E-07	9.43E-07	9.55E-07	7.7647E-05
606149.35	4201736.88	5956.88948	0.00503	0.00503	0.03171	0.03234	5.00E-05	7.90E-08	8.00E-08	8.08E-07	8.20E-07	5.1808E-05
606149.76	4201533.71	9355.67999	0.00613	0.00616	0.0343	0.03484	7.86E-05	9.63E-08	9.80E-08	8.74E-07	8.84E-07	8.0513E-05
606154.05	4201702.02	6666.46813	0.00538	0.00538	0.03306	0.03369	5.60E-05	8.45E-08	8.56E-08	8.42E-07	8.55E-07	5.7846E-05
606158.5	4201482.99	9742.82211	0.0059	0.00594	0.03213	0.03261	8.18E-05	9.27E-08	9.45E-08	8.18E-07	8.27E-07	8.3643E-05
606159.41	4201679.23	7406.10312	0.0057	0.0057	0.03449	0.03514	6.22E-05	8.95E-08	9.07E-08	8.79E-07	8.91E-07	6.4140E-05
606161.65	4201457.81	10827.75791	0.00613	0.00619	0.03251	0.03298	9.09E-05	9.63E-08	9.85E-08	8.28E-07	8.37E-07	9.2782E-05
606162.49	4201601.07	9794.85569	0.00661	0.00663	0.03788	0.03847	8.22E-05	1.04E-07	1.05E-07	9.65E-07	9.76E-07	8.4399E-05
606166.11	4201859.56	5457.25225	0.00494	0.00491	0.03146	0.03225	4.58E-05	7.76E-08	7.81E-08	8.01E-07	8.18E-07	4.7601E-05
606167.94	4201503.63	9601.17253	0.00598	0.00602	0.03303	0.03355	8.06E-05	9.39E-08	9.58E-08	8.41E-07	8.51E-07	8.2505E-05
606169.34	4201536.16	9718.47201	0.00625	0.00628	0.035	0.03556	8.16E-05	9.82E-08	9.99E-08	8.92E-07	9.02E-07	8.3599E-05
606172.54	4201623.86	9602.05278	0.00655	0.00657	0.03815	0.03877	8.06E-05	1.03E-07	1.05E-07	9.72E-07	9.84E-07	8.2793E-05
606182.87	4201797.22	6001.24183	0.00514	0.00512	0.03271	0.03343	5.04E-05	8.07E-08	8.15E-08	8.33E-07	8.48E-07	5.2237E-05
606182.87	4201815.32	5794.56331	0.00504	0.00501	0.0323	0.03303	4.87E-05	7.92E-08	7.97E-08	8.23E-07	8.38E-07	5.0477E-05
606186.48	4201435.77	13204.52467	0.00671	0.00678	0.03449	0.03497	1.11E-04	1.05E-07	1.08E-07	8.79E-07	8.87E-07	1.1286E-04
606186.89	4201842.13	5566.34321	0.00491	0.00488	0.03187	0.03262	4.67E-05	7.71E-08	7.77E-08	8.12E-07	8.28E-07	4.8536E-05
606187.56	4201772.41	6242.97961	0.00524	0.00522	0.03308	0.03377	5.24E-05	8.23E-08	8.31E-08	8.43E-07	8.57E-07	5.4288E-05
606194.94	4201745.6	6682.57536	0.00544	0.00542	0.03384	0.03451	5.61E-05	8.54E-08	8.62E-08	8.62E-07	8.76E-07	5.8024E-05
606202.98	4201718.78	7448.83505	0.00578	0.00577	0.03527	0.03596	6.25E-05	9.08E-08	9.18E-08	8.98E-07	9.12E-07	6.4542E-05
606207.68	4201693.98	8247.13749	0.00609	0.00608	0.03664	0.03734	6.93E-05	9.57E-08	9.67E-08	9.33E-07	9.47E-07	7.1326E-05
606208.52	4201434.72	14353.12832	0.00698	0.00705	0.03573	0.03624	1.21E-04	1.10E-07	1.12E-07	9.10E-07	9.19E-07	1.2258E-04
606212.37	4201484.74	10831.49516	0.00617	0.00621	0.0337	0.03421	9.10E-05	9.69E-08	9.88E-08	8.58E-07	8.68E-07	9.2876E-05
606214.45	4201529.7	10410.37968	0.00638	0.00641	0.0356	0.03617	8.74E-05	1.00E-07	1.02E-07	9.07E-07	9.18E-07	8.9444E-05
606216.45	4201599.79	11199.57541	0.00707	0.00709	0.04004	0.04067	9.40E-05	1.11E-07	1.13E-07	1.02E-06	1.03E-06	9.6320E-05
606217.24	4201646.32	10158.73994	0.00675	0.00675	0.03958	0.04024	8.53E-05	1.06E-07	1.07E-07	1.01E-06	1.02E-06	8.7547E-05
606219	4201578.94	11318.20014	0.00699	0.00701	0.03936	0.03997	9.50E-05	1.10E-07	1.12E-07	1.00E-06	1.01E-06	9.7279E-05
606221.97	4201624.24	10890.49512	0.007	0.00701	0.0403	0.04094	9.14E-05	1.10E-07	1.12E-07	1.03E-06	1.04E-06	9.3736E-05
606229.86	4201440.32	14801.71715	0.00709	0.00715	0.03649	0.03702	1.24E-04	1.11E-07	1.14E-07	9.30E-07	9.39E-07	1.2639E-04
606233.34	4201488.04	11254.42413	0.00628	0.00632	0.0344	0.03493	9.45E-05	9.86E-08	1.01E-07	8.76E-07	8.86E-07	9.6467E-05
606235.77	4201525.82	10732.14133	0.00642	0.00645	0.03575	0.03633	9.01E-05	1.01E-07	1.03E-07	9.11E-07	9.22E-07	9.2155E-05
606249.57	4201574.58	11933.45136	0.00712	0.00713	0.03998	0.04061	1.00E-04	1.12E-07	1.13E-07	1.02E-06	1.03E-06	1.0248E-04
606250.49	4201437.52	16411.11131	0.00742	0.00749	0.03795	0.0385	1.38E-04	1.17E-07	1.19E-07	9.67E-07	9.77E-07	1.3999E-04
606251.94	4201658.94	10898.99221	0.00704	0.00703	0.04113	0.04184	9.15E-05	1.11E-07	1.12E-07	1.05E-06	1.06E-06	9.3852E-05
606252.92	4201711.54	9124.00585	0.0065	0.00648	0.03885	0.03961	7.66E-05	1.02E-07	1.03E-07	9.90E-07	1.00E-06	7.8815E-05
606253.2	4201487.56	11880.00361	0.00644	0.00648	0.03518	0.03573	9.98E-05	1.01E-07	1.03E-07	8.96E-07	9.06E-07	1.0177E-04
606256.67	4201638.44	11578.07862	0.00724	0.00724	0.04173	0.04242	9.72E-05	1.14E-07	1.15E-07	1.06E-06	1.08E-06	9.9591E-05
606262.4	4201524.85	11280.95387	0.00655	0.00657	0.03637	0.03696	9.47E-05	1.03E-07	1.05E-07	9.26E-07	9.38E-07	9.6799E-05
606269.15	4201720.69	9388.93177	0.00665	0.00662	0.03962	0.0404	7.88E-05	1.04E-07	1.05E-07	1.01E-06	1.02E-06	8.1084E-05
606269.29	4201609.25	12664.31064	0.00755	0.00755	0.04245	0.04312	1.06E-04	1.19E-07	1.20E-07	1.08E-06	1.09E-06	1.0876E-04
606269.72	4201778.05	8411.79631	0.00646	0.00642	0.03887	0.03968	7.06E-05	1.01E-07	1.02E-07	9.90E-07	1.01E-06	7.2836E-05
606270.87	4201576.12	12311.31883	0.00721	0.00722	0.04047	0.04114	1.03E-04	1.13E-07	1.15E-07	1.03E-06	1.04E-06	1.0568E-04
606272.88	4201439.62	17439.72439	0.00761	0.00768	0.03897	0.03955	1.46E-04	1.20E-07	1.22E-07	9.93E-07	1.00E-06	1.4868E-04
606275.48	4201489.01	12571.75706	0.00663	0.00666	0.03611	0.03667	1.06E-04	1.04E-07	1.06E-07	9.20E-07	9.30E-07	1.0763E-04
606276.42	4201759.93	8843.90146	0.00659	0.00655	0.03943	0.04024	7.43E-05	1.04E-07	1.04E-07	1.00E-06	1.02E-06	7.6497E-05
606279.84	4201522.43	11688.75524	0.00662	0.00664	0.03671	0.03731	9.82E-05	1.04E-07	1.06E-07	9.35E-07	9.47E-07	1.0024E-04
606289.5	4201742.98	9533.33659	0.00683	0.00678	0.04052	0.04134	8.01E-05	1.07E-07	1.08E-07	1.03E-06	1.05E-06	8.2349E-05
606291.38	4201574.55	12384.70511	0.0072	0.00721	0.04034	0.04103	1.04E-04	1.13E-07	1.15E-07	1.03E-06	1.04E-06	1.0629E-04
606292.47	4201438.92	18854.39101	0.00786	0.00792	0.0401	0.04072	1.58E-04	1.23E-07	1.26E-07	1.02E-06	1.03E-06	1.6063E-04
606293.82	4201678.82	11758.17113	0.0074	0.00737	0.04307	0.04383	9.87E-05	1.16E-07	1.17E-07	1.10E-06	1.11E-06	1.0118E-04
606297.28	4201490.95	13303.64023	0.00682	0.00685	0.03708	0.03767	1.12E-04	1.07E-07	1.09E-07	9.45E-07	9.56E-07	1.1383E-04
606298.76	4201611.71	13360.92417	0.0077	0.0077	0.04332	0.04403	1.12E-04	1.21E-07	1.23E-07	1.10E-06	1.12E-06	1.1466E-04
606300.16	4201729.9	10184.25059	0.00704	0.007	0.04152	0.04235	8.55E-05	1.11E-07	1.11E-07	1.06E-06	1.07E-06	8.7873E-05
606304.54	4201523.88	12232.98812	0.00674	0.00676	0.03736	0.03798	1.03E-04	1.06E-07	1.08E-07	9.52E-07	9.64E-07	1.0485E-04
606309.88	4201659.06	13087.29814	0.00782	0.00781	0.04472	0.04548	1.10E-04	1.23E-07	1.24E-07	1.14E-06	1.15E-06	1.1244E-04
606312.67	4201570.6	12510.43395	0.0072	0.0072	0.04018	0.04088	1.05E-04	1.13E-07	1.15E-07	1.02E-06	1.04E-06	1.0734E-04
606314.81	4201788.73	9867.48249	0.00723	0.00717	0.0427	0.04361	8.29E-05	1.14E-07	1.14E-07	1.09E-06	1.11E-06	8.5280E-05
606315.23	4201638.06	13744.87582	0.00796	0.00796	0.04495	0.04571	1.15E-04	1.25E-07	1.27E-07	1.15E-06	1.16E-06	1.1797E-04
606315.55	4201437.87	20864.09914	0.00819	0.00825	0.04159	0.04225	1.75E-04	1.29E-07	1.31E-07	1.06E-06	1.07E-06	1.7759E-04
606319.56	4201491.43	14214.65962	0.00705	0.00708	0.03815	0.03876	1.19E-04	1.11E-07	1.13E-07	9.72E-07	9.83E-07	1.2154E-04
606323.91	4201523.4	12714.20612	0.00683	0.00684	0.03781	0.03844	1.07E-04	1.07E-07	1.09E-07	9.63E-07	9.75E-07	1.0892E-04
606326.76	4201698.59	12466.01552	0.00774	0.00771	0.04489	0.04571	1.05E-04	1.22E-07	1.23E-07	1.14E-06	1.16E-06	1.0723E-04
606330.59	4201761.12	10731.99118	0.00746	0.00741	0.04373	0.04463	9.01E-05	1.17E-07	1.18E-07	1.11E-06	1.13E-06	9.2599E-05
606330.81	4201577.7	13026.91665	0.00737	0.00737	0.04113	0.04186	1.09E-04	1.16E-07	1.17E-07	1.05E-06	1.06E-06	1.1173E-04
606336.02	4201492.4	14888.90152	0.00721	0.00724	0.03893	0.03957	1.25E-04	1.13E-07	1.15E-07	9.92E-07	1.00E-06	1.2725E-04
606336.54	4201438.57	22678.14014	0.00846	0.00852	0.04294	0.04363	1.90E-04	1.33E-07	1.36E-07	1.09E-06	1.11E-06	1.9290E-04
606339.11	4201680.06	13802.48672	0.00824	0.00822	0.0468	0.04761	1.16E-04	1.29E-07	1.31E-07	1.19E-06	1.21E-06	1.1856E-04
606346.36	4201775.32	11212.03558	0.00773	0.00768	0.04534	0.04629	9.41E-05	1.21E-07	1.22E-07	1.15E-06	1.17E-06	9.6722E-05
606348.13	4201523.88	13511.52021	0.00701	0.00703	0.03872	0.03937	1.13E-04	1.10E-07	1.12E-07	9.86E-07	9.99E-07	1.1567E-04
606348.58	4201660.71	14939.85662	0.00854	0.00855	0.04773	0.04853	1.25E-04	1.34E-07	1.36E-07	1.22E-06	1.23E-06	1.2817E-04
606356.48	4201437.17	25309.07646	0.00883	0.00889	0.04455	0.04527	2.13E-04	1.39E-07	1.41E-07	1.13E-06	1.15E-06	2.1509E-04
606356.84	4201575.34	13296.52689	0.00739	0.00739	0.04115	0.04189	1.12E-04	1.16E-07	1.18E-07	1.05E-06	1.06E-06	1.1400E-04
606357.23	4201635.59	15073.42938	0.00828	0.00827	0.0464	0.04722	1.27E-04	1.30E-07	1.32E-07	1.18E-06	1.20E-06	1.2922E-04
606357.41	4201787.15	11651.50068	0.00795	0.0079	0.04682	0.04777	9.78E-05	1.25E-07	1.26E-07	1.19E-06	1.21E-06	1.0049E-04
606361.21	4201490.46	16378.54437	0.00754	0.00757	0.04041	0.04109	1.38E-04	1.18E-07	1.20E-07	1.03E-06	1.04E-06	1.3984E-04
606365.08	4201531.15	13884.70412	0.00714	0.00715	0.03945	0.04012	1.17E-04	1.12E-07	1.14E-07	1.00E-06	1.02E-06	1.1884E-04
606373.59	4201720.63	13875.51467	0.00838	0.00834	0.04834	0.04926	1.17E-04	1.32E-07	1.33E-07	1.23E-06	1.25E-06	1.1926E-04
606374.98	4201580.86	13704.98394	0.00752	0.00751	0.04179	0.04256	1.15E-04	1.18E-07	1.19E-07	1.06E-06	1.08E-06	1.1746E-04
606381.66	4201440.67	27457.83147	0.00913	0.00918	0.04611	0.04688	2.31E-04	1.43E-07	1.46E-07	1.17E-06	1.19E-06	2.3322E-04
606383.49	4201491.43	17663.17448	0.00782	0.00784	0.04172	0.04244	1.48E-04	1.23E-07	1.25E-07	1.06E-06	1.08E-06	1.5071E-04
606386.35	4201698.4	15467.7642	0.00883	0.00883	0.05021	0.05112	1.30E-04	1.39E-07	1.41E-07	1.28E-06	1.30E-06	1.3274E-04
606388.41	4201737.51	13952.64196	0.00852	0.00848	0.04926	0.05022	1.17E-04	1.34E-07	1.35E-07	1.25E-06	1.27E-06	1.1996E-04
606388.82	4201528.24	15232.65352	0.00746	0.00746	0.04086	0.04158	1.28E-04	1.17E-07	1.19E-07	1.04E-06	1.05E-06	1.3024E-04
606396.28	4201577.7	13923.30937	0.00745	0.00744	0.04156	0.04232	1.17E-04	1.17E-07	1.18E-07	1.06E-06	1.07E-06	1.1928E-04
606400.2	4201441.37	29883.61596	0.00942	0.00947	0.0475	0.04831	2.51E-04	1.48E-07	1.51E-07	1.21E-06	1.23E-06	2.5367E-04
606400.76	4201753.16	14015.14723	0.00864	0.00861	0.05016	0.05117	1.18E-04	1.36E-07	1.37E-07	1.28E-06	1.30E-06	1.2054E-04
606400.88	4201682.12	16284.84005	0.00903	0.00903	0.05074	0.05167	1.37E-04	1.42E-07	1.44E-07	1.29E-06	1.31E-06	1.3964E-04
606403.83	4201491.43	19201.59771	0.00813	0.00815	0.04317	0.04393	1.61E-04	1.28E-07	1.30E-07	1.10E-06	1.11E-06	1.6371E-04
606409.52	4201629	15607.4981	0.0084	0.00836	0.04646	0.04737	1.31E-04	1.32E-07	1.33E-07	1.18E-06	1.20E-06	1.3371E-04
606409.64	4201527.76	16482.87458	0.00774	0.00774	0.04215	0.04291	1.38E-04	1.22E-07	1.23E-07	1.07E-06	1.09E-06	1.4082E-04
606411.88	4201772.51	14090.94243	0.00879	0.00875	0.05141	0.05245	1.18E-04	1.38E-07	1.39E-07	1.31E-06	1.33E-06	1.2124E-04
606415.59	4201718.16	16122.62654	0.00914	0.00913	0.05233	0.05333	1.35E-04	1.44E-07	1.45E-07	1.33E-06	1.35E-06	1.3836E-04
606415.7	4201656.59	15922.42719	0.00868	0.00864	0.0482	0.04914	1.34E-04	1.36E-07	1.37E-07	1.23E-06	1.25E-06	1.3645E-04
606417.34	4201441.37	32296.65565	0.00966	0.00971	0.04868	0.04951	2.71E-04	1.52E-07	1.55E-07	1.24E-06	1.26E-06	2.7400E-04
606421.52	4201578.49	15010.52428	0.00771	0.00769	0.0428	0.0436	1.26E-04	1.21E-07	1.22E-07	1.09E-06	1.11E-06	1.2849E-04
606425.14	4201492.89	20878.80795	0.00845	0.00846	0.04467	0.04547	1.75E-04	1.33E-07	1.35E-07	1.14E-06	1.15E-06	1.7788E-04
606430	4201786.92	14582.53451	0.00911	0.00907	0.05352	0.0546	1.22E-04	1.43E-07	1.44E-07	1.36E-06	1.39E-06	1.2549E-04
606431.64	4201498.04	15688.59548	0.00924	0.00921	0.05344	0.05451	1.32E-04	1.45E-07	1.47E-07	1.36E-06	1.38E-06	1.3478E-04
606431.92	4201532.6	17689.25388	0.00801	0.00801	0.04351	0.04431	1.49E-04	1.26E-07	1.27E-07	1.11E-06	1.12E-06	1.5103E-04
606433.4	4201693.65	16572.44816	0.00911	0.00907	0.05109	0.0521	1.39E-04	1.43E-07	1.44E-07	1.30E-06	1.32E-06	1.4207E-04
606441.24	4201580.07	16245.26058	0.00806	0.00803	0.04432	0.04517	1.36E-04	1.27E-07	1.28E-07	1.13E-06	1.15E-06	1.3894E-04
606444.62	4201444.87	36153.61329	0.01007	0.01011	0.05069	0.05157	3.04E-04	1.58E-07	1.61E-07	1.29E-06	1.31E-06	3.0651E-04
606447.91	4201503.06	21929.7306	0.00868	0.00868	0.04594	0.04678	1.84E-04	1.36E-07	1.38E-07	1.17E-06	1.19E-06	1.8678E-04
606453.07	4201608.46	16297.49012	0.00837	0.00832	0.04583	0.04674	1.37E-04	1.31E-07	1.32E-07	1.17E-06	1.19E-06	1.3947E-04
606454.65	4201658.94	15995.93019	0.00881	0.00875	0.04812	0.04912	1.34E-04	1.38E-07	1.39E-07	1.23E-06	1.25E-06	1.3707E-04
606455.43	4201631.34	15811.65052	0.00847	0.00841	0.04636	0.04729	1.33E-04	1.33E-07	1.34E-07	1.18E-06	1.20E-06	1.3542E-04
606456.22	4201751.23	16836.50983	0.00961	0.00957	0.05545	0.05658	1.41E-04	1.51E-07	1.52E-07	1.41E-06	1.44E-06	1.4453E-04
606459.38	4201686.55	16503.94024	0.00916	0.0091	0.05034	0.05139	1.39E-04	1.44E-07	1.45E-07	1.28E-06	1.30E-06	1.4146E-04
606459.53	4201534.54	19970.74609	0.00849	0.00848	0.04567	0.04653	1.68E-04	1.33E-07	1.35E-07	1.16E-06	1.18E-06	1.7031E-04
606461.74	4201579.28	17576.80493	0.00835	0.00832	0.04559	0.04648	1.48E-04	1.31E-07	1.32E-07	1.16E-06	1.18E-06	1.5020E-04
606474	4201459.56	37242.64527	0.0103	0.01033	0.05236	0.05327	3.13E-04	1.62E-07	1.64E-07	1.33E-06	1.35E-06	3.1574E-04
606498.84	4201448.36	52946.79815	0.01164	0.0117	0.0564	0.05731	4.45E-04	1.83E-07	1.86E-07	1.44E-06	1.45E-06	4.4786E-04
606507.25	4201499.81	31391.73102	0.00982	0.00981	0.051	0.05195	2.64E-04	1.54E-07	1.56E-07	1.30E-06	1.32E-06	2.6653E-04
606508.65	4201695.39	16835.92764	0.00936	0.0093	0.0506	0.05171	1.41E-04	1.47E-07	1.48E-07	1.29E-06	1.31E-06	1.4427E-04
606508.93	4201744.7	17737.81886	0.00995	0.00989	0.05549	0.05671	1.49E-04	1.56E-07	1.57E-07	1.41E-06	1.44E-06	1.5211E-04
606509	4201630.66	17702.36969	0.00869	0.00861	0.04735	0.0483	1.49E-04	1.36E-07	1.37E-07	1.21E-06	1.23E-06	1.5135E-04
606510.05	4201608.27	19197.72162	0.00882	0.00875	0.04775	0.0487	1.61E-04	1.39E-07	1.39E-07	1.22E-06	1.24E-06	1.6394E-04
606510.05	4201720.93	17461.69884	0.00973	0.00968	0.05329	0.05449	1.47E-04	1.53E-07	1.54E-07	1.36E-06	1.38E-06	1.4968E-04
606511.8	4201676.15	16604.45639	0.00902	0.00895	0.04883	0.04987	1.39E-04	1.42E-07	1.42E-07	1.24E-06	1.27E-06	1.4222E-04
606512.15	4201523.95	28482.91655	0.00966	0.00963	0.05062	0.05158	2.39E-04	1.52E-07	1.53E-07	1.29E-06	1.31E-06	2.4208E-04
606512.15	4201589.73	20736.87346	0.00896	0.00889	0.04819	0.04913	1.74E-04	1.41E-07	1.41E-07	1.23E-06	1.25E-06	1.7689E-04
606512.5	4201654.8	16885.08105	0.00875	0.00867	0.04771	0.04869	1.42E-04	1.37E-07	1.38E-07	1.22E-06	1.24E-06	1.4451E-04
606513.2	4201565.24	23167.0081	0.0092	0.00914	0.04898	0.04994	1.95E-04	1.45E-07	1.45E-07	1.25E-06	1.27E-06	1.9734E-04
606516.35	4201548.09	25813.78782	0.00949	0.00944	0.05005	0.05102	2.17E-04	1.49E-07	1.50E-07	1.27E-06	1.29E-06	2.1963E-04
606518.78	4201441.37	71349.77485	0.01217	0.01224	0.05821	0.05911	5.99E-04	1.91E-07	1.95E-07	1.48E-06	1.50E-06	6.0250E-04
606541.86	4201546.62	99543.55207	0.0125	0.01257	0.06004	0.06098	8.36E-04	1.96E-07	2.00E-07	1.53E-06	1.55E-06	8.3936E-04
606547.14	4201545.99	32924.22231	0.0103	0.01024	0.0534	0.05445	2.76E-04	1.62E-07	1.63E-07	1.36E-06	1.38E-06	2.7954E-04
606547.49	4201643.96	20356.21866	0.00937	0.0093	0.05025	0.05128	1.71E-04	1.47E-07	1.48E-07	1.28E-06	1.30E-06	1.7381E-04
606549.59	4201682.79	18158.83969	0.0092	0.00915	0.05031	0.05138	1.52E-04	1.45E-07	1.46E-07	1.28E-06	1.30E-06	1.5536E-04
606549.94	4201527.45	38424.26569	0.01062	0.01058	0.05473	0.05581	3.23E-04	1.67E-07	1.68E-07	1.39E-06	1.42E-06	3.2580E-04
606550.58	4201746.15	18574.01362	0.01023	0.01017	0.05633	0.05766	1.56E-04	1.61E-07	1.62E-07	1.43E-06	1.46E-06	1.5919E-04
606550.64	4201723.38	17742.99523	0.00968	0.00964	0.05302	0.05422	1.49E-04	1.52E-07	1.53E-07	1.35E-06	1.38E-06	1.5202E-04
606550.64	4201703.09	17637.24545	0.00932	0.00928	0.05116	0.05228	1.48E-04	1.46E-07	1.48E-07	1.30E-06	1.33E-06	1.5103E-04
606551.69	4201619.47	22832.89184	0.00961	0.00953	0.0509	0.05193	1.92E-04	1.51E-07	1.52E-07	1.30E-06	1.32E-06	1.9465E-04
606552.74	4201663.55	19552.02708	0.00937	0.0093	0.0506	0.05166	1.64E-04	1.47E-07	1.48E-07	1.29E-06	1.31E-06	1.6708E-04
606553.44	4201490.71	55687.74633	0.01129	0.01127	0.0574	0.05847	4.68E-04	1.77E-07	1.79E-07	1.46E-06	1.48E-06	4.7092E-04
606554.49	4201509.26	46786.8227	0.01102	0.01099	0.05639	0.05747	3.93E-04	1.73E-07	1.75E-07	1.44E-06	1.46E-06	3.9612E-04
606562.5	4201446.27	142873.7817	0.0129	0.01297	0.06179	0.06276	1.20E-03	2.03E-07	2.06E-07	1.57E-06	1.59E-06	1.2033E-03
606564.63	4201574.33	31481.75848	0.01045	0.01037	0.05401	0.0551	2.64E-04	1.64E-07	1.65E-07	1.38E-06	1.40E-06	2.6746E-04
606575.48	4201609.67	27575.50779	0.0103	0.01022	0.05359	0.05469	2.32E-04	1.62E-07	1.63E-07	1.37E-06	1.39E-06	2.3463E-04
606580.34	4201444.87	182858.0868	0.01328	0.01335	0.06337	0.06438	1.54E-03	2.09E-07	2.12E-07	1.61E-06	1.63E-06	1.5392E-03
606590.52	4201574.68	38256.87333	0.01124	0.01116	0.05743	0.05862	3.21E-04	1.77E-07	1.78E-07	1.46E-06	1.49E-06	3.2455E-04
606596.82	4201614.57	30878.83966	0.01086	0.01079	0.05609	0.05727	2.59E-04	1.71E-07	1.72E-07	1.43E-06	1.45E-06	2.6252E-04

606598.88	4201448.01	199360.5718	0.01365	0.01371	0.0651	0.06617	1.67E-03	2.14E-07	2.18E-07	1.66E-06	1.68E-06	1.6778E-03
606600.26	4201679.16	23514.37277	0.0103	0.01025	0.05543	0.05662	1.97E-04	1.62E-07	1.63E-07	1.41E-06	1.44E-06	2.0063E-04
606600.47	4201735.01	20954.33111	0.01061	0.01053	0.05803	0.05938	1.76E-04	1.67E-07	1.68E-07	1.48E-06	1.51E-06	1.7928E-04
606601.43	4201696.27	22406.37282	0.01027	0.01022	0.05582	0.05704	1.88E-04	1.61E-07	1.63E-07	1.42E-06	1.45E-06	1.9134E-04
606602.4	4201753.42	20930.15877	0.01097	0.01088	0.06001	0.06146	1.76E-04	1.72E-07	1.73E-07	1.53E-06	1.56E-06	1.7919E-04
606602.68	4201659.79	25575.78404	0.01048	0.01043	0.05563	0.05681	2.15E-04	1.65E-07	1.66E-07	1.42E-06	1.44E-06	2.1795E-04
606602.79	4201495.6	89422.93015	0.01269	0.01267	0.06359	0.06477	7.51E-04	1.99E-07	2.02E-07	1.62E-06	1.64E-06	7.5456E-04
606603.37	4201715.64	21670.32891	0.01041	0.01035	0.05687	0.05815	1.82E-04	1.64E-07	1.65E-07	1.45E-06	1.48E-06	1.8522E-04
606603.82	4201511.7	74226.10339	0.01248	0.01244	0.06293	0.06413	6.23E-04	1.96E-07	1.98E-07	1.60E-06	1.63E-06	6.2629E-04
606608.37	4201529.55	64414.24172	0.01242	0.01236	0.06286	0.06411	5.41E-04	1.95E-07	1.97E-07	1.60E-06	1.63E-06	5.4452E-04
606609.77	4201546.69	55879.03432	0.01227	0.0122	0.06229	0.06357	4.69E-04	1.93E-07	1.94E-07	1.59E-06	1.61E-06	4.7281E-04
606614.31	4201618.42	33790.86528	0.01133	0.01127	0.05832	0.05958	2.84E-04	1.78E-07	1.79E-07	1.49E-06	1.51E-06	2.8710E-04
606618.46	4201447.31	228297.8736	0.01408	0.01415	0.06699	0.06811	1.92E-03	2.21E-07	2.25E-07	1.71E-06	1.73E-06	1.9209E-03
606634.55	4201446.27	252525.6877	0.01449	0.01455	0.06864	0.06982	2.12E-03	2.28E-07	2.32E-07	1.75E-06	1.77E-06	2.1245E-03
606636.58	4201680.62	28340.73777	0.01135	0.01127	0.06022	0.06157	2.38E-04	1.78E-07	1.79E-07	1.53E-06	1.56E-06	2.4144E-04
606636.61	4201495.6	114586.4586	0.01369	0.01367	0.06785	0.06911	9.62E-04	2.15E-07	2.18E-07	1.73E-06	1.75E-06	9.6611E-04
606637.41	4201622.62	38020.95397	0.012	0.01193	0.06161	0.06297	3.19E-04	1.88E-07	1.90E-07	1.57E-06	1.60E-06	3.2281E-04
606637.54	4201662.7	30757.10908	0.01151	0.01144	0.06045	0.0618	2.58E-04	1.81E-07	1.82E-07	1.54E-06	1.57E-06	2.6174E-04
606638.46	4201547.04	67908.1439	0.01314	0.01308	0.06648	0.06784	5.70E-04	2.06E-07	2.08E-07	1.69E-06	1.72E-06	5.7406E-04
606638.81	4201564.89	59306.68589	0.01301	0.01295	0.0662	0.0676	4.98E-04	2.04E-07	2.06E-07	1.69E-06	1.71E-06	5.0182E-04
606640.21	4201512.75	95408.23801	0.01357	0.01353	0.06774	0.06904	8.01E-04	2.13E-07	2.15E-07	1.73E-06	1.75E-06	8.0506E-04
606640.21	4201583.08	52439.41377	0.01289	0.01281	0.06583	0.06726	4.40E-04	2.02E-07	2.04E-07	1.68E-06	1.71E-06	4.4413E-04
606640.56	4201604.42	44290.59045	0.01249	0.01242	0.06379	0.0652	3.72E-04	1.96E-07	1.98E-07	1.62E-06	1.65E-06	3.7559E-04
606641.63	4201699.66	27153.03848	0.01148	0.01138	0.06124	0.06263	2.28E-04	1.80E-07	1.81E-07	1.56E-06	1.59E-06	2.3152E-04
606645.02	4201715.16	26294.98591	0.01162	0.01152	0.06217	0.06362	2.21E-04	1.83E-07	1.83E-07	1.58E-06	1.61E-06	2.2437E-04
606646.47	4201734.05	25177.32901	0.01178	0.01166	0.06319	0.0647	2.11E-04	1.85E-07	1.86E-07	1.61E-06	1.64E-06	2.1504E-04
606650.35	4201752.93	24582.63522	0.01208	0.01196	0.0649	0.06649	2.06E-04	1.90E-07	1.90E-07	1.65E-06	1.69E-06	2.1014E-04
606654.84	4201448.01	265776.7303	0.01502	0.01507	0.07097	0.07221	2.23E-03	2.36E-07	2.40E-07	1.81E-06	1.83E-06	2.2359E-03
606671.98	4201445.92	299776.3236	0.01554	0.01559	0.07308	0.07439	2.52E-03	2.44E-07	2.48E-07	1.86E-06	1.89E-06	2.5215E-03
606684.37	4201668.7	38007.89947	0.01316	0.01303	0.06793	0.06954	3.19E-04	2.07E-07	2.07E-07	1.73E-06	1.76E-06	3.2307E-04
606684.48	4201614.96	53160.00405	0.01398	0.01387	0.07148	0.07312	4.46E-04	2.20E-07	2.21E-07	1.82E-06	1.86E-06	4.5051E-04
606688.39	4201702.89	33170.14325	0.01311	0.01298	0.06831	0.06997	2.79E-04	2.06E-07	2.07E-07	1.74E-06	1.78E-06	2.8246E-04
606689.81	4201512.79	122515.4339	0.01528	0.01525	0.07496	0.07643	1.03E-03	2.40E-07	2.43E-07	1.91E-06	1.94E-06	1.0331E-03
606689.81	4201589.3	64135.02882	0.01437	0.01427	0.07287	0.07449	5.39E-04	2.26E-07	2.27E-07	1.86E-06	1.89E-06	5.4275E-04
606689.82	4201446.96	312338.3562	0.01611	0.01616	0.07546	0.07686	2.62E-03	2.53E-07	2.57E-07	1.92E-06	1.95E-06	2.6271E-03
606690.08	4201496.69	147431.32	0.01551	0.0155	0.07544	0.07689	1.24E-03	2.44E-07	2.47E-07	1.92E-06	1.95E-06	1.2424E-03
606690.29	4201532.16	100925.425	0.01492	0.01485	0.0741	0.07561	8.47E-04	2.34E-07	2.36E-07	1.89E-06	1.92E-06	8.5176E-04
606692.23	4201548.14	88252.18446	0.01481	0.01473	0.07401	0.07555	7.41E-04	2.33E-07	2.34E-07	1.89E-06	1.92E-06	7.4534E-04
606692.23	4201569.44	74507.62157	0.01461	0.01452	0.07355	0.07514	6.26E-04	2.29E-07	2.31E-07	1.87E-06	1.91E-06	6.2989E-04
606697.33	4201750.03	28677.42255	0.01314	0.01306	0.06998	0.07175	2.41E-04	2.06E-07	2.08E-07	1.78E-06	1.82E-06	2.4483E-04
606705.15	4201666.69	42327.64035	0.01404	0.0139	0.07189	0.07363	3.55E-04	2.21E-07	2.21E-07	1.83E-06	1.87E-06	3.5957E-04
606709.06	4201446.27	336093.8153	0.01684	0.01686	0.07823	0.07967	2.82E-03	2.65E-07	2.68E-07	1.99E-06	2.02E-06	2.8268E-03
606709.18	4201615.93	58378.88353	0.01482	0.01469	0.0752	0.07695	4.90E-04	2.33E-07	2.34E-07	1.92E-06	1.95E-06	4.9455E-04
606709.84	4201695.52	37214.04115	0.01388	0.01375	0.07165	0.07342	3.12E-04	2.18E-07	2.19E-07	1.83E-06	1.86E-06	3.1662E-04
606718.86	4201551.04	95242.38151	0.0157	0.01559	0.0778	0.07947	8.00E-04	2.47E-07	2.48E-07	1.98E-06	2.02E-06	8.0426E-04
606720.09	4201748.57	305226.60228	0.01349	0.01345	0.0722	0.07406	2.56E-04	2.12E-07	2.14E-07	1.84E-06	1.88E-06	2.6048E-04
606720.31	4201572.83	81597.47812	0.01563	0.01551	0.07812	0.07985	6.85E-04	2.45E-07	2.47E-07	1.99E-06	2.03E-06	6.8969E-04
606723.22	4201511.82	139414.8477	0.01644	0.01639	0.07992	0.08155	1.17E-03	2.58E-07	2.61E-07	2.04E-06	2.07E-06	1.1753E-03
606724.19	4201533.13	113285.7805	0.01618	0.01609	0.07937	0.08103	9.51E-04	2.54E-07	2.56E-07	2.02E-06	2.06E-06	9.5587E-04
606725.93	4201665.35	46157.38219	0.01482	0.01468	0.07542	0.07728	3.88E-04	2.33E-07	2.34E-07	1.92E-06	1.96E-06	3.9194E-04
606728.64	4201447.31	347847.084	0.01759	0.01761	0.0813	0.08289	2.92E-03	2.76E-07	2.80E-07	2.07E-06	2.10E-06	2.9257E-03
606730.46	4201491.23	185005.4011	0.01714	0.0171	0.08188	0.08349	1.55E-03	2.69E-07	2.72E-07	2.09E-06	2.12E-06	1.5583E-03
606733.87	4201616.9	63609.77664	0.01576	0.01561	0.07934	0.08122	5.34E-04	2.48E-07	2.48E-07	2.02E-06	2.06E-06	5.3872E-04
606739.34	4201697.53	40433.31073	0.01468	0.0146	0.07565	0.07756	3.40E-04	2.31E-07	2.32E-07	1.93E-06	1.97E-06	3.4388E-04
606745.08	4201446.96	360013.2929	0.0182	0.01819	0.08381	0.08552	3.02E-03	2.86E-07	2.89E-07	2.13E-06	2.17E-06	3.0280E-03
606748.4	4201588.33	82107.93783	0.01684	0.01671	0.08424	0.08616	6.89E-04	2.65E-07	2.66E-07	2.15E-06	2.19E-06	6.9433E-04
606749.39	4201666.02	49494.19653	0.01558	0.01546	0.07895	0.08094	4.16E-04	2.45E-07	2.46E-07	2.01E-06	2.05E-06	4.2017E-04
606749.63	4201747.12	32108.97659	0.01342	0.01347	0.07386	0.07576	2.70E-04	2.11E-07	2.14E-07	1.88E-06	1.92E-06	2.7385E-04
606760.02	4201616.9	69869.36066	0.01687	0.01672	0.08463	0.08667	5.87E-04	2.65E-07	2.66E-07	2.16E-06	2.20E-06	5.9159E-04
606763.47	4201701.55	42094.80945	0.01508	0.01506	0.07847	0.08049	3.53E-04	2.37E-07	2.40E-07	2.00E-06	2.04E-06	3.5799E-04
606764.67	4201449.41	355919.0406	0.01893	0.01891	0.08704	0.08887	2.99E-03	2.97E-07	3.01E-07	2.22E-06	2.25E-06	2.9938E-03
606772.85	4201664.68	53113.55001	0.01629	0.01621	0.0825	0.08465	4.46E-04	2.56E-07	2.58E-07	2.10E-06	2.15E-06	4.5077E-04
606773.36	4201751.96	32235.35067	0.01284	0.01296	0.07486	0.07681	2.71E-04	2.02E-07	2.06E-07	1.91E-06	1.95E-06	2.7495E-04
606774.54	4201498.02	196555.8382	0.01902	0.01894	0.0899	0.09192	1.65E-03	2.99E-07	3.01E-07	2.29E-06	2.33E-06	1.6557E-03
606774.54	4201515.11	159037.2233	0.01861	0.0185	0.08917	0.09104	1.34E-03	2.92E-07	2.94E-07	2.27E-06	2.31E-06	1.3406E-03
606776.24	4201532.76	132368.0039	0.01832	0.0182	0.08844	0.09047	1.11E-03	2.88E-07	2.90E-07	2.25E-06	2.30E-06	1.1166E-03
606777.77	4201572.87	100780.0987	0.01823	0.0181	0.09019	0.09215	8.46E-04	2.86E-07	2.88E-07	2.30E-06	2.34E-06	8.5148E-04
606781.11	4201450.46	356180.3973	0.01957	0.01953	0.08984	0.09172	2.99E-03	3.07E-07	3.11E-07	2.29E-06	2.33E-06	2.9961E-03
606781.63	4201550.27	119268.361	0.01852	0.0184	0.09031	0.09236	1.00E-03	2.91E-07	2.93E-07	2.30E-06	2.34E-06	1.0067E-03
606784.71	4201619.32	73347.95138	0.01774	0.01762	0.08868	0.0909	6.16E-04	2.79E-07	2.80E-07	2.26E-06	2.31E-06	6.2104E-04
606788.27	4201705.57	43465.68383	0.01526	0.01532	0.08129	0.08342	3.65E-04	2.40E-07	2.44E-07	2.07E-06	2.12E-06	3.6966E-04
606796.31	4201667.36	55276.97458	0.0168	0.0168	0.08589	0.08817	4.64E-04	2.64E-07	2.67E-07	2.19E-06	2.24E-06	4.6913E-04
606800	4201757.78	33074.73271	0.01253	0.01266	0.07786	0.07992	2.78E-04	1.97E-07	2.01E-07	1.98E-06	2.03E-06	2.8214E-04
606800.7	4201451.51	357814.5488	0.02041	0.02034	0.09344	0.09542	3.00E-03	3.21E-07	3.24E-07	2.38E-06	2.42E-06	3.0101E-03
606805.3	4201504.85	193557.1879	0.02039	0.02027	0.09626	0.09848	1.63E-03	3.20E-07	3.23E-07	2.45E-06	2.50E-06	1.6309E-03
606806.99	4201621.74	75664.6308	0.01843	0.01835	0.09211	0.09451	6.35E-04	2.89E-07	2.92E-07	2.35E-06	2.40E-06	6.4069E-04
606808.1	4201568.11	111942.0589	0.0196	0.01948	0.09624	0.09848	9.40E-04	3.08E-07	3.10E-07	2.45E-06	2.50E-06	9.4556E-04
606815.75	4201713.62	44155.19267	0.01522	0.01534	0.08487	0.08717	3.71E-04	2.39E-07	2.44E-07	2.16E-06	2.21E-06	3.7563E-04
606818.19	4201452.56	358629.0311	0.02123	0.02115	0.0969	0.09899	3.01E-03	3.33E-07	3.37E-07	2.47E-06	2.51E-06	3.0171E-03
606818.4	4201543.59	138715.728	0.02051	0.0204	0.09873	0.10106	1.16E-03	3.22E-07	3.25E-07	2.52E-06	2.56E-06	1.1705E-03
606820.45	4201672.06	56664.02832	0.01715	0.01722	0.08953	0.09198	4.76E-04	2.69E-07	2.74E-07	2.28E-06	2.33E-06	4.8097E-04
606822.76	4201767.46	33472.03817	0.01251	0.01257	0.08146	0.0837	2.81E-04	1.96E-07	2.00E-07	2.08E-06	2.12E-06	2.8566E-04
606823.52	4201500.3	208029.5003	0.02134	0.02122	0.10016	0.10247	1.75E-03	3.35E-07	3.38E-07	2.55E-06	2.60E-06	1.7527E-03
606827.42	4201586.84	100264.7873	0.01998	0.01991	0.099	0.10153	8.42E-04	3.14E-07	3.17E-07	2.52E-06	2.58E-06	8.4767E-04
606829.21	4201623.71	77833.30559	0.01905	0.01903	0.09568	0.09827	6.54E-04	2.99E-07	3.03E-07	2.44E-06	2.49E-06	6.5911E-04
606836.03	4201452.56	365167.5423	0.02215	0.02204	0.1006	0.10286	3.07E-03	3.48E-07	3.51E-07	2.56E-06	2.61E-06	3.0722E-03
606838.55	4201678.09	56885.91978	0.01726	0.01738	0.09249	0.09507	4.78E-04	2.71E-07	2.77E-07	2.36E-06	2.41E-06	4.8300E-04
606839.22	4201718.98	45227.09681	0.01533	0.01546	0.08889	0.09137	3.80E-04	2.41E-07	2.46E-07	2.26E-06	2.32E-06	3.8485E-04
606840.61	4201535.61	154298.5081	0.02169	0.02159	0.10369	0.10628	1.30E-03	3.41E-07	3.44E-07	2.64E-06	2.70E-06	1.3017E-03
606848.02	4201501.43	213053.555	0.02261	0.02249	0.10582	0.10834	1.79E-03	3.55E-07	3.58E-07	2.70E-06	2.75E-06	1.7952E-03
606848.84	4201591.3	100460.167	0.02064	0.02062	0.10272	0.10548	8.44E-04	3.24E-07	3.28E-07	2.62E-06	2.68E-06	8.4952E-04
606849.73	4201627.88	78463.5585	0.01946	0.01951	0.09904	0.10181	6.59E-04	3.06E-07	3.10E-07	2.52E-06	2.58E-06	6.6459E-04
606852.3	4201771.34	35154.42422	0.01303	0.013	0.0869	0.08937	2.95E-04	2.05E-07	2.07E-07	2.21E-06	2.27E-06	3.0009E-04
606854.57	4201452.21	375235.5152	0.02321	0.02309	0.10489	0.10726	3.15E-03	3.65E-07	3.67E-07	2.67E-06	2.72E-06	3.1570E-03
606859.41	4201535.04	159191.4853	0.02261	0.02254	0.10807	0.11089	1.34E-03	3.55E-07	3.59E-07	2.75E-06	2.81E-06	1.3430E-03
606861.34	4201681.44	58680.85995	0.01763	0.01778	0.09735	0.10014	4.93E-04	2.77E-07	2.83E-07	2.48E-06	2.54E-06	4.9833E-04
606866.7	4201722.33	47004.87163	0.01571	0.01579	0.09424	0.09694	3.95E-04	2.47E-07	2.51E-07	2.40E-06	2.46E-06	4.0006E-04
606867.39	4201504.28	212764.5174	0.02362	0.02351	0.11068	0.1134	1.79E-03	3.71E-07	3.74E-07	2.82E-06	2.88E-06	1.7931E-03
606867.57	4201584.76	107950.288	0.02147	0.02149	0.10694	0.10989	9.06E-04	3.37E-07	3.42E-07	2.72E-06	2.79E-06	9.1267E-04
606873.22	4201634.72	78482.39328	0.01983	0.01996	0.10371	0.1067	6.59E-04	3.11E-07	3.18E-07	2.64E-06	2.71E-06	6.6501E-04
606875.9	4201642.56	388461.1957	0.02472	0.02459	0.11081	0.11344	3.26E-03	3.88E-07	3.91E-07	2.82E-06	2.88E-06	3.2684E-03
606876.03	4201770.85	37023.04052	0.01367	0.01364	0.09188	0.09454	3.11E-04	2.15E-07	2.17E-07	2.34E-06	2.40E-06	3.1606E-04
606876.75	4201686.8	59060.37835	0.01785	0.018	0.10108	0.10402	4.96E-04	2.80E-07	2.86E-07	2.57E-06	2.64E-06	5.0172E-04
606879.35	4201540.17	155433.3984	0.02337	0.02333	0.11258	0.11551	1.31E-03	3.67E-07	3.71E-07	2.87E-06	2.93E-06	1.3117E-03
606884.47	4201502.57	220690.4804	0.0246	0.02452	0.11529	0.11818	1.85E-03	3.86E-07	3.90E-07	2.94E-06	3.00E-06	1.8599E-03
606889.49	4201720.32	49814.7915	0.01642	0.01649	0.09988	0.1028	4.18E-04	2.58E-07	2.62E-07	2.54E-06	2.61E-06	4.2397E-04
606891.36	4201599.33	101057.7818	0.02174	0.02186	0.11094	0.11416	8.49E-04	3.41E-07	3.48E-07	2.83E-06	2.90E-06	8.5501E-04
606892.25	4201637.1	81191.71939	0.02046	0.02064	0.11009	0.11336	6.82E-04	3.21E-07	3.28E-07	2.80E-06	2.88E-06	6.8811E-04
606892.34	4201453.96	399301.8456	0.02597	0.02586	0.11619	0.11897	3.35E-03	4.08E-07	4.11E-07	2.96E-06	3.02E-06	3.3598E-03
606897.31	4201583.27	112935.5239	0.02247	0.02259	0.11325	0.11652	9.48E-04	3.53E-07	3.59E-07	2.88E-06	2.96E-06	9.5489E-04
606898.2	4201691.5	60680.79471	0.01839	0.01855	0.10748	0.1107	5.10E-04	2.95E-07	2.74E-06	2.74E-06	2.81E-06	5.1568E-04
606900.73	4201772.79	38735.83903	0.01432	0.01439	0.0979	0.10078	3.25E-04	2.25E-07	2.29E-07	2.49E-06	2.56E-06	3.3078E-04
606902.13	4201544.16	152931.3787	0.02408	0.02411	0.11749	0.12066	1.28E-03	3.78E-07	3.84E-07	2.99E-06	3.06E-06	1.2910E-03
606905.55	4201522.51	187720.2895	0.02523	0.02525	0.12061	0.12391	1.58E-03	3.96E-07	4.02E-07	3.07E-06	3.14E-06	1.5833E-03
606912.96	4201504.85	223129.4391	0.02615	0.02615	0.12379	0.12704	1.87E-03	4.11E-07	4.16E-07	3.15E-06	3.22E-06	1.8809E-03
606914.38	4201456.76	401133.3575	0.02748	0.02739	0.12366	0.12672	3.37E-03	4.32E-07	4.36E-07	3.15E-06	3.21E-06	3.3756E-03
606922.34	4201725.01	51225.13688	0.01687	0.01701	0.10714	0.11035	4.30E-04	2.65E-07	2.71E-07	2.73E-06	2.80E-06	4.3621E-04
606923.68	4201691.5	63985.42216	0.01911	0.01933	0.11582	0.11943	5.37E-04	3.00E-07	3.08E-07	2.95E-06	3.03E-06	5.4388E-04
606925.43	4201770.37	41125.834	0.01485	0.01508	0.10454	0.10767	3.45E-04	2.33E-07	2.40E-07	2.66E-06	2.73E-06	3.5121E-04
606932.92	4201460.96	377579.8617	0.02863	0.0286	0.13014	0.13348	3.17E-03	4.50E-07	4.55E-07	3.32E-06	3.39E-06	3.1782E-03
606935.74	4201641.22	88062.20108	0.02184	0.02215	0.12855	0.13266	7.39E-04	3.43E-07	3.52E-07	3.27E-06	3.37E-06	7.4681E-04
606940.44	4201723.67	53334.44182	0.01731	0.01755	0.11262	0.11609	4.48E-04	2.72E-07	2.79E-07	2.87E-06	2.95E-06	4.5422E-04
606941.11	4201611.06	103950.264	0.02307	0.02338	0.12955	0.13369	8.73E-04	3.62E-07	3.72E-07	3.30E-06	3.39E-06	8.8031E-04
606942.45	4201591.62	115285.3318	0.02372	0.02401	0.12828	0.13234	9.68E-04	3.73E-07	3.82E-07	3.27E-06	3.36E-06	9.7545E-04
606947.14	4201691.5	66505.309	0.01957	0.01988	0.12339	0.12741	5.58E-04	3.07E-07	3.16E-07	3.14E-06	3.23E-06	5.6545E-04
606947.26	4201548.33	151815.559	0.02549	0.02572	0.12883	0.13277	1.27E-03	4.00E-07	4.09E-07	3.28E-06	3.37E-06	1.2823E-03
606948.68	4201774.24	42578.99927	0.01503	0.01541	0.11206	0.11554	3.58E-04	2.36E-07	2.45E-07	2.85E-06	2.93E-06	3.6381E-04
606951.81	4201517.55	203367.0427	0.02766	0.02786	0.13548	0.13944	1.71E-03	4.34E-07	4.43E-07	3.45E-06	3.54E-06	1.7156E-03
606952.5	4201465.5	357242.5507	0.02979	0.02984	0.13756	0.14123	3.00E-03	4.68E-07	4.75E-07	3.50E-06	3.58E-06	3.0078E-03
606957.19	4201638.54	91825.93614	0.02236	0.02273	0.13595	0.1405	7.71E-04	3.51E-07	3.62E-07	3.46E-06	3.56E-06	7.7882E-04
606965.8	4201551.48	151093.5014	0.02597	0.02629	0.13496	0.13925	1.27E-03	4.08E-07	4.18E-07	3.44E-06	3.53E-06	1.2766E-03
606967.25	4201725.68	55033.43092	0.01741	0.01782	0.12065	0.12455	4.62E-04	2.73E-07	2.84E-07	3.07E-06	3.16E-06	4.6891E-04
606969.26	4201597.65	115714.9235	0.02426	0.02465	0.13912	0.14379	9.72E-04	3.81E-07	3.92E-07	3.54E-06	3.65E-06	9.7964E-04
606970	4201519.99	199162.3369	0.02805	0.02834	0.14103	0.14512	1.67E-03	4.41E-07	4.51E-07	3.59E-06	3.68E-06	1.6806E-03
606973.28	4201692.84	68711.2976	0.01986	0.02027	0.13269	0.13725	5.77E-04	3.12E-07	3.23E-07	3.38E-06	3.48E-06	5.8448E-04
606974.19	4201467.6	351995.7256	0.03111	0.03128	0.14665	0.15078	2.96E-03	4.89E-07	4.98E-07	3.74E-06	3.83E-06	2.9643E-03
606981.54	4201556.73	147905.7408	0.02619	0.0266	0.14063	0.14526	1.24E-03	4.11E-07	4.23E-07	3.58E-06	3.69E-06	1.2501E-03
606983.34	4201749.21	94364.92778	0.0228	0.02322	0.14597	0.15117	7.92E-04	3.58E-07	3.69E-07	3.72E-06	3.84E-06	8.0068E-04
606986.02	4201605.69	113107.2777	0.02433	0.02478	0.14672	0.15184	9.50E-04	3.82E-07	3.94E-07	3.74E-06	3.85E-06	9.5814E-04
606989.24	4201523.49	195121.3581	0.02847	0.02888	0.14777	0.15247	1.64E-03	4.47E-07	4.60E-07	3.76E-06	3.87E-06	1.6470E-03
606994.48	4201473.2	329037.3886	0.03202	0.03234	0.15625	0.16081	2.76E-03	5.03E-07	5.15E-07	3.98E-06	4.08E-06	2.7721E-03
606994.73	4201727.69	56574.62412	0.01722	0.0177	0.12976	0.13418	4.75E-04	2.70E-07	2.82E-07	3.31E-06	3.40E-06	4.8233E-04
606995.17	4201774.24	46266.76134	0.01507	0.01545	0.12866	0.133	3.89E-04	2.37E-07	2.46E-07	3.28E-06	3.37E-06	3.9564E-04
606999.43	4201694.18	70640.07795	0.01996	0.02044	0.14285	0.14806	5.93E-04	3.14E-07	3.25E-07	3.64E-06	3.76E-06	6.0121E-04
607000.43	4201559.18	147274.3352	0.0265	0.027	0.14717	0.15228	1.24E-03	4.16E-07	4.30E-07	3.75E-06	3.86E-06	1.2451E-03
607006.13	4201605.69	116857.0838	0.02481	0.0253	0.15648	0.1622	9.81E-04	3.90E-07	4.03E-07	3.99E-06	4.11E-06	9.9016E-04

607006.8	4201642.56	95176.45633	0.02304	0.0235	0.15618	0.16208	7.99E-04	3.62E-07	3.74E-07	3.98E-06	4.11E-06	8.0804E-04
607008.48	4201525.94	191926.3454	0.02895	0.02946	0.15601	0.1612	1.61E-03	4.55E-07	4.69E-07	3.97E-06	4.09E-06	1.6206E-03
607012.32	4201474.6	329213.1673	0.03295	0.03341	0.16568	0.1708	2.76E-03	5.18E-07	5.32E-07	4.22E-06	4.33E-06	2.7741E-03
607016.85	4201734.4	56432.87677	0.01679	0.0172	0.13781	0.14271	4.74E-04	2.64E-07	2.74E-07	3.51E-06	3.62E-06	4.8154E-04
607018.28	4201564.42	144605.2835	0.02662	0.0272	0.1551	0.16075	1.21E-03	4.18E-07	4.33E-07	3.95E-06	4.08E-06	1.2232E-03
607019.38	4201778.6	47559.18166	0.01516	0.01542	0.13973	0.1447	3.99E-04	2.38E-07	2.45E-07	3.56E-06	3.67E-06	4.0708E-04
607022.22	4201611.73	116678.2455	0.02514	0.02567	0.1689	0.17517	9.80E-04	3.95E-07	4.08E-07	4.30E-06	4.44E-06	9.8931E-04
607024.22	4201530.14	187707.2126	0.02915	0.02975	0.16334	0.16907	1.58E-03	4.58E-07	4.73E-07	4.16E-06	4.29E-06	1.5856E-03
607024.23	4201700.21	70434.29851	0.01968	0.02015	0.15255	0.15841	5.91E-04	3.09E-07	3.21E-07	3.89E-06	4.02E-06	5.9999E-04
607026.25	4202541.14	10004.48712	0.00835	0.00839	1.18461	1.42918	8.40E-05	1.31E-07	1.34E-07	3.02E-05	3.63E-05	1.5071E-04
607027.58	4201648.59	94026.37663	0.02304	0.0235	0.16542	0.17204	7.90E-04	3.62E-07	3.74E-07	4.21E-06	4.36E-06	7.9887E-04
607027.66	4202519.84	10379.11636	0.00854	0.00858	1.11494	1.37262	8.72E-05	1.34E-07	1.37E-07	2.84E-05	3.48E-05	1.5065E-04
607028.76	4201479.84	313968.1951	0.03345	0.03405	0.17529	0.18093	2.64E-03	5.25E-07	5.42E-07	4.47E-06	4.59E-06	2.6466E-03
607029.94	4202561.66	9707.94317	0.00821	0.00825	1.31202	1.62804	8.15E-05	1.29E-07	1.31E-07	3.34E-05	4.13E-05	1.5650E-04
607034.05	4202579.72	9474.70346	0.00811	0.00814	1.41626	1.83886	7.96E-05	1.27E-07	1.30E-07	3.61E-05	4.67E-05	1.6255E-04
607037.52	4201565.47	145535.5494	0.02687	0.02753	0.16412	0.17039	1.22E-03	4.22E-07	4.38E-07	4.18E-06	4.32E-06	1.2314E-03
607039.63	4202508.96	10701.69136	0.00872	0.00876	1.28314	1.68238	8.99E-05	1.37E-07	1.39E-07	3.27E-05	4.27E-05	1.6551E-04
607040.32	4201615.75	118417.6735	0.02541	0.02597	0.18359	0.19094	9.94E-04	3.99E-07	4.13E-07	4.68E-06	4.84E-06	1.0047E-03
607040.61	4202600.65	9236.25423	0.008	0.00804	1.57615	2.16727	7.76E-05	1.26E-07	1.28E-07	4.02E-05	5.50E-05	1.7295E-04
607042.07	4201533.29	186418.6481	0.02953	0.0302	0.17372	0.18005	1.57E-03	4.64E-07	4.81E-07	4.43E-06	4.57E-06	1.5753E-03
607044.32	4202654.11	8600.93649	0.0077	0.00774	1.17884	1.65085	7.22E-05	1.21E-07	1.23E-07	3.00E-05	4.19E-05	1.4438E-04
607044.34	4201706.91	69472.20876	0.01935	0.01973	0.16075	0.16718	5.83E-04	3.04E-07	3.14E-07	4.09E-06	4.24E-06	5.9232E-04
607044.34	4201729.71	60054.38954	0.01726	0.01755	0.15117	0.15692	5.04E-04	2.71E-07	2.79E-07	3.85E-06	3.98E-06	5.1267E-04
607044.57	4201783.93	48564.11479	0.01535	0.0155	0.15256	0.1583	4.08E-04	2.41E-07	2.47E-07	3.89E-06	4.02E-06	4.1619E-04
607047.25	4202491.54	11113.85331	0.00894	0.00898	1.29143	1.75739	9.33E-05	1.40E-07	1.43E-07	3.29E-05	4.46E-05	1.7109E-04
607048.02	4202674.63	8394.56091	0.00761	0.00764	0.99094	1.42595	7.05E-05	1.20E-07	1.22E-07	2.52E-05	3.62E-05	1.3215E-04
607050.37	4201654.63	93106.24322	0.02806	0.0235	0.17724	0.18477	7.82E-04	3.62E-07	3.74E-07	4.51E-06	4.69E-06	7.9177E-04
607052.12	4202692.69	8224.34949	0.00753	0.00756	0.80743	1.1978	6.91E-05	1.18E-07	1.20E-07	2.06E-05	3.04E-05	1.2026E-04
607053.24	4201471.1	356956.404	0.03528	0.03607	0.19217	0.19873	3.00E-03	5.54E-07	5.74E-07	4.90E-06	5.04E-06	3.0085E-03
607054.99	4201488.59	291663.2525	0.03397	0.03477	0.19273	0.19948	2.45E-03	5.34E-07	5.53E-07	4.91E-06	5.06E-06	2.4602E-03
607055.01	4201570.37	143935.4194	0.02696	0.02766	0.17491	0.18193	1.21E-03	4.23E-07	4.40E-07	4.46E-06	4.62E-06	1.2186E-03
607055.96	4202475.22	11537.85358	0.00916	0.0092	1.32754	1.84232	9.69E-05	1.44E-07	1.46E-07	3.38E-05	4.67E-05	1.7773E-04
607057.74	4201619.77	117516.9698	0.02555	0.02608	0.19715	0.20532	9.87E-04	4.01E-07	4.15E-07	5.02E-06	5.21E-06	9.9786E-04
607058.69	4202713.61	8047.35602	0.00745	0.00748	0.61933	0.92444	6.76E-05	1.17E-07	1.19E-07	1.58E-05	2.35E-05	1.0704E-04
607058.84	4201453.26	462254.9479	0.03709	0.03791	0.19744	0.20418	3.88E-03	5.83E-07	6.03E-07	5.03E-06	5.18E-06	3.8930E-03
607061.31	4201537.14	184351.1182	0.02988	0.03059	0.18621	0.19337	1.55E-03	4.69E-07	4.87E-07	4.74E-06	4.91E-06	1.5586E-03
607067.8	4201707.58	71600.24498	0.01977	0.02006	0.17576	0.1833	6.01E-04	3.11E-07	3.19E-07	4.48E-06	4.65E-06	6.1100E-04
607070.72	4201786.83	50014.88756	0.01579	0.0159	0.16803	0.1748	4.20E-04	2.48E-07	2.53E-07	4.28E-06	4.43E-06	4.2920E-04
607071.8	4201574.57	143953.3339	0.02755	0.02818	0.18881	0.19677	1.21E-03	4.33E-07	4.48E-07	4.81E-06	4.99E-06	1.2195E-03
607073.16	4201742.44	59541.61891	0.01738	0.01754	0.16829	0.17519	5.00E-04	2.73E-07	2.79E-07	4.29E-06	4.44E-06	5.0926E-04
607076.51	4201655.3	95654.16982	0.02366	0.02411	0.19624	0.20527	8.03E-04	3.72E-07	3.84E-07	5.00E-06	5.21E-06	8.1418E-04
607078.53	4201622.45	117809.0645	0.02591	0.02641	0.21295	0.22243	9.89E-04	4.07E-07	4.20E-07	5.42E-06	5.64E-06	1.0012E-03
607078.8	4201540.99	183958.4487	0.03021	0.03094	0.19951	0.20759	1.54E-03	4.75E-07	4.92E-07	5.08E-06	5.27E-06	1.5560E-03
607079.65	4202427.69	12754.61942	0.0096	0.00964	1.11107	1.55236	1.07E-04	1.51E-07	1.53E-07	2.83E-05	3.94E-05	1.7509E-04
607081.85	4201948.62	35272.85577	0.01559	0.01571	0.2593	0.27479	2.96E-04	2.45E-07	2.50E-07	6.61E-06	6.97E-06	3.1026E-04
607081.85	4202648.62	8951.95134	0.00794	0.00797	4.11622	4.08095	7.52E-05	1.25E-07	1.27E-07	1.05E-04	1.04E-04	2.8381E-04
607081.85	4202548.62	10402.67705	0.00866	0.0087	2.38887	5.19998	8.74E-05	1.36E-07	1.38E-07	6.09E-05	1.32E-04	2.8040E-04
607081.85	4202598.62	9612.9013	0.00826	0.00829	3.58967	4.08429	8.07E-05	1.30E-07	1.32E-07	9.14E-05	1.04E-04	2.7604E-04
607081.85	4201998.62	29880.98666	0.01383	0.01392	0.24452	0.26162	2.51E-04	2.17E-07	2.21E-07	6.23E-06	6.64E-06	2.6422E-04
607081.85	4202498.62	11323.48921	0.00911	0.00915	3.63524	2.9109	9.51E-05	1.43E-07	1.46E-07	9.26E-05	7.38E-05	2.6183E-04
607081.85	4202048.62	25911.96877	0.01268	0.01276	0.23911	0.25636	2.18E-04	1.99E-07	2.03E-07	6.09E-06	6.50E-06	2.3058E-04
607081.85	4202448.62	12405.03505	0.00959	0.00963	1.52715	2.43834	1.04E-04	1.51E-07	1.53E-07	3.89E-05	6.19E-05	2.0523E-04
607081.85	4202098.62	22469.92418	0.01166	0.01172	0.23538	0.25116	1.89E-04	1.83E-07	1.86E-07	6.00E-06	6.37E-06	2.0142E-04
607081.85	4202698.62	8364.6648	0.00764	0.00767	1.59569	2.82675	7.02E-05	1.20E-07	1.22E-07	4.06E-05	7.17E-05	1.8284E-04
607081.85	4202148.62	20078.46906	0.01108	0.01115	0.25661	0.27388	1.69E-04	1.74E-07	1.77E-07	6.54E-06	6.95E-06	1.8244E-04
607081.85	4202198.62	18467.27483	0.01088	0.01095	0.31477	0.33806	1.55E-04	1.71E-07	1.74E-07	8.02E-06	8.58E-06	1.7201E-04
607081.85	4202248.62	17181.24001	0.01085	0.01091	0.41559	0.45098	1.44E-04	1.70E-07	1.74E-07	1.06E-05	1.14E-05	1.6665E-04
607081.85	4202398.62	13142.58445	0.00964	0.00969	0.87182	1.09768	1.10E-04	1.51E-07	1.54E-07	2.22E-05	2.78E-05	1.6072E-04
607081.85	4202298.62	15646.70988	0.01042	0.01048	0.52744	0.58547	1.31E-04	1.64E-07	1.67E-07	1.34E-05	1.49E-05	1.6001E-04
607081.85	4202348.62	14204.0448	0.00983	0.00989	0.66595	0.77575	1.19E-04	1.54E-07	1.57E-07	1.70E-05	1.97E-05	1.5623E-04
607081.85	4202748.62	7841.93055	0.00737	0.00739	0.48014	0.67828	6.58E-05	1.16E-07	1.18E-07	1.22E-05	1.72E-05	9.5522E-05
607088.6	4201577.72	144931.1335	0.0281	0.0287	0.20483	0.21384	1.22E-03	4.41E-07	4.57E-07	5.22E-06	5.43E-06	1.2285E-03
607090.34	4202416.33	13082.02153	0.00972	0.00977	1.18421	1.64053	1.10E-04	1.53E-07	1.55E-07	3.02E-05	4.16E-05	1.8195E-04
607092.51	4201790.71	52183.12052	0.01685	0.01698	0.18996	0.19832	4.38E-04	2.65E-07	2.70E-07	4.84E-06	5.03E-06	4.4859E-04
607093.27	4201712.28	72115.07395	0.02009	0.02031	0.19293	0.20184	6.06E-04	3.16E-07	3.23E-07	4.91E-06	5.12E-06	6.1624E-04
607094.61	4201741.77	62400.58212	0.01834	0.0185	0.18677	0.19507	5.24E-04	2.88E-07	2.94E-07	4.76E-06	4.95E-06	5.3428E-04
607098.04	4201544.48	183287.0983	0.03078	0.0315	0.21762	0.22661	1.54E-03	4.83E-07	5.01E-07	5.54E-06	5.75E-06	1.5514E-03
607099.31	4201628.48	116086.1271	0.02621	0.02666	0.2304	0.24153	9.75E-04	4.12E-07	4.24E-07	5.87E-06	6.13E-06	9.8763E-04
607099.98	4201657.98	97607.87779	0.02422	0.02463	0.21696	0.22771	8.20E-04	3.80E-07	3.92E-07	5.53E-06	5.78E-06	8.3170E-04
607103.71	4202402.3	13508.96272	0.00988	0.00994	1.29551	1.78217	1.13E-04	1.55E-07	1.58E-07	3.30E-05	4.52E-05	1.9197E-04
607106.06	4201502.23	264146.2329	0.03484	0.03575	0.23715	0.24695	2.22E-03	5.47E-07	5.69E-07	6.04E-06	6.27E-06	2.2315E-03
607109.45	4201582.54	146517.9847	0.02889	0.02946	0.22887	0.23941	1.23E-03	4.54E-07	4.69E-07	5.83E-06	6.07E-06	1.2432E-03
607109.71	4201481.99	321953.617	0.03677	0.03778	0.24319	0.25318	2.70E-03	5.78E-07	6.01E-07	6.19E-06	6.42E-06	2.7173E-03
607111.31	4201655.71	459162.1091	0.03953	0.04068	0.22876	0.2588	3.86E-03	6.21E-07	6.47E-07	6.34E-06	6.57E-06	3.8698E-03
607114.05	4201708.25	75716.32841	0.02107	0.02131	0.21369	0.22438	6.36E-04	3.31E-07	3.39E-07	5.44E-06	5.69E-06	6.4761E-04
607114.38	4201550.44	178901.4368	0.03112	0.0318	0.23421	0.24453	1.50E-03	4.89E-07	5.06E-07	5.97E-06	6.20E-06	1.5154E-03
607114.79	4201795.07	54813.61806	0.01821	0.01838	0.22378	0.2349	4.60E-04	2.86E-07	2.92E-07	5.70E-06	5.96E-06	4.7252E-04
607116.06	4201742.44	65018.8575	0.01939	0.01957	0.21023	0.2205	5.46E-04	3.05E-07	3.11E-07	5.36E-06	5.59E-06	5.5754E-04
607116.4	4202391.6	13889.51125	0.01005	0.01011	1.48639	2.09629	1.17E-04	1.58E-07	1.61E-07	3.79E-05	5.32E-05	2.0800E-04
607118.75	4201626.47	118793.9464	0.02697	0.02741	0.24968	0.2625	9.98E-04	4.24E-07	4.36E-07	6.36E-06	6.66E-06	1.0114E-03
607121.43	4201658.65	99806.65278	0.02509	0.02547	0.24264	0.25575	8.38E-04	3.94E-07	4.05E-07	6.18E-06	6.49E-06	8.5156E-04
607125.91	4201581.72	149774.0841	0.02974	0.03032	0.24821	0.26041	1.26E-03	4.67E-07	4.82E-07	6.32E-06	6.61E-06	1.2716E-03
607128.43	4202382.25	14130.81879	0.01022	0.01028	1.73611	2.48733	1.19E-04	1.61E-07	1.64E-07	4.42E-05	6.31E-05	2.2631E-04
607130.44	4202366.21	14509.5837	0.01033	0.01038	1.49925	2.00942	1.22E-04	1.62E-07	1.65E-07	3.82E-05	5.10E-05	2.1134E-04
607131.69	4202533.61	11115.09458	0.00909	0.00913	3.00831	2.43831	9.33E-05	1.43E-07	1.45E-07	7.66E-05	6.19E-05	2.3212E-04
607131.85	4202448.62	12899.12843	0.00996	0.01001	4.03909	4.95792	1.08E-04	1.56E-07	1.59E-07	1.03E-04	1.26E-04	3.3730E-04
607131.85	4201948.62	36373.72048	0.01603	0.01617	0.30932	0.33101	3.05E-04	2.52E-07	2.57E-07	7.88E-06	8.40E-06	3.2222E-04
607131.85	4202698.62	8716.96218	0.00789	0.00792	5.09593	4.60396	7.32E-05	1.24E-07	1.26E-07	1.30E-04	1.17E-04	3.2006E-04
607131.85	4202398.62	14001.28136	0.01026	0.01031	2.65785	4.3951	1.18E-04	1.61E-07	1.64E-07	6.77E-05	1.12E-04	2.9710E-04
607131.85	4201998.62	31121.20739	0.01451	0.01463	0.30165	0.32673	2.61E-04	2.28E-07	2.33E-07	7.68E-06	8.29E-06	2.7776E-04
607131.85	4202498.62	11782.31233	0.00941	0.00946	3.77593	2.82159	9.89E-05	1.48E-07	1.51E-07	9.62E-05	7.16E-05	2.6701E-04
607131.85	4202648.62	9339.68613	0.00821	0.00824	3.99737	2.98263	7.84E-05	1.29E-07	1.31E-07	1.02E-04	7.57E-05	2.5618E-04
607131.85	4202048.62	27165.96916	0.01348	0.01359	0.29851	0.32489	2.28E-04	2.12E-07	2.16E-07	7.60E-06	8.24E-06	2.4439E-04
607131.85	4202548.62	10846.37066	0.00895	0.009	2.80972	2.35528	9.11E-05	1.41E-07	1.43E-07	7.16E-05	5.98E-05	2.2269E-04
607131.85	4202598.62	10033.38727	0.00855	0.00859	2.90125	2.36509	8.43E-05	1.34E-07	1.37E-07	7.39E-05	6.00E-05	2.1843E-04
607131.85	4202098.62	23979.93384	0.01262	0.01273	0.3037	0.32881	2.01E-04	1.98E-07	2.03E-07	7.74E-06	8.34E-06	2.1784E-04
607131.85	4202148.62	21521.30555	0.01201	0.01211	0.33719	0.36456	1.81E-04	1.89E-07	1.93E-07	8.59E-06	9.25E-06	1.9894E-04
607131.85	4202348.62	14932.36199	0.01034	0.01039	1.26227	1.60444	1.25E-04	1.62E-07	1.65E-07	3.22E-05	4.07E-05	1.9858E-04
607131.85	4202198.62	19876.83358	0.01192	0.01199	0.44637	0.48997	1.67E-04	1.87E-07	1.91E-07	1.14E-05	1.24E-05	1.9109E-04
607131.85	4202248.62	18497.07396	0.01183	0.01191	0.5938	0.65391	1.55E-04	1.86E-07	1.90E-07	1.51E-05	1.66E-05	1.8741E-04
607131.85	4202298.62	16436.36712	0.01099	0.01106	0.82549	0.94209	1.38E-04	1.73E-07	1.76E-07	2.10E-05	2.39E-05	1.8330E-04
607131.85	4202748.62	8160.4992	0.0076	0.00762	1.01927	1.4167	6.85E-05	1.19E-07	1.21E-07	2.60E-05	3.59E-05	1.3067E-04
607134.16	4201710.27	77326.42537	0.02187	0.02214	0.23832	0.25128	6.49E-04	3.44E-07	3.52E-07	6.07E-06	6.37E-06	6.6246E-04
607134.55	4201552.91	181160.4725	0.03212	0.0328	0.26128	0.27387	1.52E-03	5.05E-07	5.22E-07	6.66E-06	6.95E-06	1.5359E-03
607135.38	4202554.13	10780.00854	0.00893	0.00897	2.60146	2.20941	9.05E-05	1.40E-07	1.43E-07	6.63E-05	5.61E-05	2.1313E-04
607137.51	4201741.77	68128.89098	0.02062	0.02086	0.24155	0.2546	5.72E-04	3.24E-07	3.32E-07	6.15E-06	6.46E-06	5.8536E-04
607138.86	4201627.81	119406.2578	0.02768	0.02811	0.27348	0.2885	1.00E-03	4.35E-07	4.47E-07	6.97E-06	7.32E-06	1.0178E-03
607139.48	4202572.19	10506.08139	0.00879	0.00883	2.39128	2.04657	8.82E-05	1.38E-07	1.41E-07	6.09E-05	5.19E-05	2.0134E-04
607139.67	4201507.22	254412.2813	0.03592	0.03676	0.27745	0.2902	2.14E-03	5.64E-07	5.85E-07	7.07E-06	7.36E-06	2.1519E-03
607140.46	4201489.08	301426.4521	0.03765	0.0386	0.28166	0.29459	2.53E-03	5.91E-07	6.14E-07	7.17E-06	7.47E-06	2.5470E-03
607140.94	4201798.52	58605.52768	0.02017	0.02041	0.28164	0.29807	4.92E-04	3.17E-07	3.25E-07	7.17E-06	7.56E-06	5.0750E-04
607142.23	4202652.61	9366.78354	0.00824	0.00828	3.16766	2.47528	7.87E-05	1.29E-07	1.32E-07	8.07E-05	6.28E-05	2.2241E-04
607143.61	4201470.95	375460.0904	0.03972	0.04078	0.29049	0.30379	3.15E-03	6.24E-07	6.49E-07	7.40E-06	7.71E-06	3.1692E-03
607145.14	4202352.84	14990.12287	0.01042	0.01047	1.67849	2.25552	1.26E-04	1.64E-07	1.67E-07	4.28E-05	5.72E-05	2.2618E-04
607145.92	4202673.12	9130.89403	0.00813	0.00816	3.41325	2.58245	7.67E-05	1.28E-07	1.30E-07	8.69E-05	6.55E-05	2.2940E-04
607146.05	4202593.12	10234.01911	0.00867	0.00871	2.21697	1.89348	8.59E-05	1.36E-07	1.39E-07	5.65E-05	4.80E-05	1.9072E-04
607146.9	4201656.64	104328.2878	0.02638	0.02679	0.28165	0.2982	8.76E-04	4.14E-07	4.26E-07	7.17E-06	7.57E-06	8.9164E-04
607147.72	4201580.48	154369.8107	0.03083	0.03141	0.27798	0.29256	1.30E-03	4.84E-07	5.00E-07	7.08E-06	7.42E-06	1.3118E-03
607150.03	4202691.18	8936.64542	0.00804	0.00807	3.44885	2.54534	7.50E-05	1.26E-07	1.28E-07	8.79E-05	6.46E-05	2.2773E-04
607150.7	4201452.03	494544.3195	0.04236	0.04357	0.30745	0.3219	4.15E-03	6.65E-07	6.93E-07	7.83E-06	8.17E-06	4.1701E-03
607155.17	4202340.14	15416.28925	0.01057	0.01063	1.70964	2.26315	1.29E-04	1.66E-07	1.69E-07	4.36E-05	5.74E-05	2.3075E-04
607156.28	4201627.14	120905.3432	0.02845	0.0289	0.29735	0.3147	1.02E-03	4.47E-07	4.60E-07	7.57E-06	7.98E-06	1.0317E-03
607156.59	4202712.11	8729.74122	0.00794	0.00797	2.48424	2.05004	7.33E-05	1.25E-07	1.27E-07	6.33E-05	5.20E-05	1.8885E-04
607161.65	4201706.91	81577.5345	0.02364	0.024	0.28308	0.30061	6.85E-04	3.71E-07	3.82E-07	7.21E-06	7.63E-06	7.0061E-04
607164.33	4201744.45	71266.42143	0.0223	0.02264	0.29453	0.3129	5.98E-04	3.50E-07	3.60E-07	7.50E-06	7.94E-06	6.1459E-04
607165.83	4201576.78	159951.1224	0.03203	0.03263	0.30634	0.32345	1.34E-03	5.03E-07	5.19E-07	7.80E-06	8.21E-06	1.3602E-03
607167.09	4201791.19	61674.46047	0.0216	0.02187	0.34837	0.37205	5.18E-04	3.39E-07	3.48E-07	8.87E-06	9.44E-06	5.3689E-04
607167.2	4202333.46	15743.74088	0.01074	0.0108	1.98635	2.67215	1.32E-04	1.69E-07	1.72E-07	5.06E-05	6.78E-05	2.5094E-04
607171.03	4202555.3	106458.7489	0.02753	0.02797	0.32176	0.3428	8.94E-04	4.32E-07	4.45E-07	8.20E-06	8.70E-06	9.1172E-04
607173.88	4202318.09	16257.87197	0.01093	0.01099	1.78405	2.31376	1.37E-04	1.72E-07	1.75E-07	4.54E-05	5.87E-05	2.4101E-04
607177.06	4201627.81	121654.9111	0.02936	0.02985	0.33132	0.35227	1.02E-03	4.61E-07	4.75E-07	8.44E-06	8.94E-06	1.0399E-03
607181.85	4202398.62	14671.90475	0.01082	0.01087	5.80094	4.32921	1.23E-04	1.70E-07	1.73E-07	1.48E-04	1.10E-04	3.8115E-04
607181.85	4201948.62	37086.00905	0.01668	0.01684	0.38495	0.41602	3.11E-04	2.62E-07	2.68E-07	9.81E-06	1.06E-05	3.3231E-04
607181.85	4202348.62	15576.39522	0.01082	0.01088	4.09801	3.36263	1.31E-04	1.70E-07	1.73E-07	1.04E-04	8.53E-05	3.2084E-04
607181.85	4201998.62	32338.60532	0.0154	0.01554	0.39793	0.43835	2.72E-04	2.42E-07	2.47E-07	1.01E-05	1.11E-05	2.9330E-04
607181.85	4202048.62	28463.74293	0.0144	0.01452	0.40389	0.45107	2.39E-04	2.26E-07	2.31E-07	1.03E-05	1.14E-05	2.6120E-04
607181.85	4202098.62	25437.90878	0.01367	0.01378	0.42363	0.47221	2.14E-04	2.15E-07	2.19E-07	1.08E-05	1.20E-05	2.3681E-04
607181.85	4202298.62	17071.07161	0.01134	0.01141	1.62073	2.00309	1.43E-04	1.78E-07	1.82E-07	4.13E-05	5.08E-05	2.3581E-04
607181.85	4202448.62	13402.23998	0.01033	0.01038	2.52134	2.07901	1.13E-04	1.62E-07	1.65E-07	6.42E-05	5.27E-05	2.2984E-04
607181.85	4202148.62	23352.2982	0.01352	0.01363	0.52255	0.58209	1.96E-04	2.12E-07	2.17E-07	1.33E-05	1.48E-05	2.2460E-04
607181.85	4202198.62	21237.38139	0.01314	0.01324	0.71716	0.83245	1.78E-04	2.06E-07	2.11E-07	1.83E-05	2.11E-05	2.1814E-04
607181.85	4202248.62	19271.12416	0.01252	0.0126	0.90826	1.06719	1.62E-04	1.97E-07	2.00E-07	2.31E-05	2.71E-05	2.1243E-04
607181.85	4202498.62	12245.04524	0.00974	0.00979	1.69994	1.47816	1.03E-04	1.53E-07	1.56E-07	4.33E-05	3.75E-05	1.8394E-04
607181.85	4202548.62	11276.08798	0.00926	0.0093	1.43943	1.2917	9.47E-05	1.45E-07	1.48E-07	3.67E-05	3.28E-05	1.6442E-04
607182.57	4202306.06	16790.97061	0.01121	0.01127	1.81577	2.32791	1.41E-04	1.76E-07	1.79E-07	4.63E-05	5.91E-05	2.4667E-04
607183.52	4201578.02	159817.8282	0.03297	0.0336	0.33905	0.35945	1.34E-03	5.18E-07	5.35E-07	8.64E-06	9.12E-06	1.3608E-03

607185.11	4201741.77	73516.51185	0.02342	0.02376	0.33717	0.36068	6.17E-04	3.68E-07	3.78E-07	8.59E-06	9.15E-06	6.3581E-04
607190.12	4201515.89	241816.4283	0.03843	0.03927	0.36646	0.38749	2.03E-03	6.04E-07	6.25E-07	9.34E-06	9.83E-06	2.0510E-03
607190.47	4201708.25	83591.93897	0.02486	0.02525	0.33501	0.3592	7.02E-04	3.90E-07	4.02E-07	8.53E-06	9.11E-06	7.2037E-04
607192.59	4202290.69	17500.91454	0.01167	0.01173	1.7455	2.18331	1.47E-04	1.83E-07	1.87E-07	4.45E-05	5.54E-05	2.4718E-04
607193.82	4201656.64	106923.237	0.02842	0.02891	0.36204	0.38858	8.98E-04	4.46E-07	4.60E-07	9.22E-06	9.86E-06	9.1784E-04
607194.06	4201499.33	278520.881	0.04037	0.04129	0.38183	0.40388	2.34E-03	6.34E-07	6.57E-07	9.73E-06	1.02E-05	2.3600E-03
607196.5	4201624.46	124673.6032	0.03051	0.03105	0.36867	0.39398	1.05E-03	4.79E-07	4.94E-07	9.39E-06	1.00E-05	1.0673E-03
607197.52	4201575.13	163024.2606	0.034	0.03467	0.37052	0.39396	1.37E-03	5.34E-07	5.52E-07	9.44E-06	9.99E-06	1.3895E-03
607198	4201459.13	448351.308	0.04544	0.0466	0.41342	0.43746	3.76E-03	7.14E-07	7.41E-07	1.05E-05	1.11E-05	3.7880E-03
607199.58	4201481.99	331271.6839	0.04272	0.04374	0.40429	0.42797	2.78E-03	6.71E-07	6.96E-07	1.03E-05	1.09E-05	2.8043E-03
607202.62	4202281.33	18016.7659	0.012	0.01208	1.78801	2.26868	1.51E-04	1.88E-07	1.92E-07	4.55E-05	5.76E-05	2.5477E-04
607207.23	4201733.73	77004.4298	0.02472	0.0251	0.38643	0.41668	6.47E-04	3.88E-07	3.99E-07	9.84E-06	1.06E-05	6.6782E-04
607209.24	4201706.24	85467.83145	0.02589	0.0263	0.37972	0.40993	7.18E-04	4.07E-07	4.18E-07	9.67E-06	1.04E-05	7.3858E-04
607209.71	4201784.9	64550.24251	0.02314	0.02345	0.45585	0.49394	5.42E-04	3.63E-07	3.73E-07	1.16E-05	1.25E-05	5.6692E-04
607214.65	4202269.97	18780.91151	0.01243	0.01251	1.82958	2.40451	1.58E-04	1.95E-07	1.99E-07	4.66E-05	6.10E-05	2.6571E-04
607218.63	4201662	104627.596	0.02902	0.02954	0.41104	0.44529	8.79E-04	4.56E-07	4.70E-07	1.05E-05	1.13E-05	9.0127E-04
607218.92	4201572.25	165760.6467	0.03547	0.03621	0.42638	0.4558	1.39E-03	5.57E-07	5.76E-07	1.09E-05	1.16E-05	1.4155E-03
607221.31	4201541.89	115584.1824	0.0306	0.03117	0.42506	0.46025	9.71E-04	4.81E-07	4.96E-07	1.08E-05	1.17E-05	9.9406E-04
607223.32	4201616.42	130919.7389	0.03246	0.0331	0.4336	0.46738	1.10E-03	5.10E-07	5.27E-07	1.10E-05	1.19E-05	1.1233E-03
607226.68	4202254.6	19708.64503	0.01295	0.01304	1.88151	2.66982	1.65E-04	2.03E-07	2.07E-07	4.79E-05	6.77E-05	2.8157E-04
607228.68	4202226.53	20787.05835	0.0134	0.0135	1.49592	2.0475	1.75E-04	2.10E-07	2.15E-07	3.81E-05	5.19E-05	2.6503E-04
607231.85	4202298.62	17712.76794	0.01192	0.01199	5.3826	4.14534	1.49E-04	1.87E-07	1.91E-07	1.37E-04	1.05E-04	3.9140E-04
607231.85	4202348.62	16251.70641	0.01154	0.01161	4.85225	3.94152	1.36E-04	1.81E-07	1.85E-07	1.24E-04	1.00E-04	3.6044E-04
607231.85	4201948.62	39023.97201	0.01829	0.01847	0.58965	0.65142	3.28E-04	2.87E-07	2.94E-07	1.50E-05	1.65E-05	3.5982E-04
607231.85	4201998.62	33691.6487	0.01682	0.01697	0.603	0.68416	2.83E-04	2.64E-07	2.70E-07	1.54E-05	1.74E-05	3.1617E-04
607231.85	4202248.62	19999.38896	0.01314	0.01323	1.96475	2.87466	1.68E-04	2.06E-07	2.11E-07	5.00E-05	7.29E-05	2.9133E-04
607231.85	4202048.62	29741.86607	0.01558	0.0157	0.62614	0.73694	2.50E-04	2.45E-07	2.50E-07	1.60E-05	1.87E-05	2.8489E-04
607231.85	4201948.62	24387.77156	0.01459	0.0147	1.07787	1.36138	2.05E-04	2.29E-07	2.34E-07	2.75E-05	3.45E-05	2.6725E-04
607231.85	4202098.62	26916.51261	0.0151	0.01522	0.69603	0.8364	2.26E-04	2.37E-07	2.42E-07	1.77E-05	2.12E-05	2.6545E-04
607231.85	4202198.62	21929.62784	0.01377	0.01387	1.32156	1.74879	1.84E-04	2.16E-07	2.21E-07	3.37E-05	4.44E-05	2.6262E-04
607231.85	4202398.62	15229.85281	0.01135	0.01142	2.20548	1.92008	1.28E-04	1.78E-07	1.82E-07	5.62E-05	4.87E-05	2.3314E-04
607231.85	4202448.62	13860.24823	0.01069	0.01075	1.41347	1.26782	1.16E-04	1.68E-07	1.71E-07	3.60E-05	3.22E-05	1.8490E-04
607231.85	4202498.62	12704.94394	0.01011	0.01016	1.09836	1.0049	1.07E-04	1.59E-07	1.62E-07	2.80E-05	2.55E-05	1.6048E-04
607231.85	4202548.62	11693.14813	0.00959	0.00963	0.95433	0.88519	9.82E-05	1.51E-07	1.53E-07	2.43E-05	2.25E-05	1.4526E-04
607232.69	4201479.62	340341.9394	0.04614	0.04736	0.52489	0.56197	2.86E-03	7.25E-07	7.54E-07	1.34E-05	1.43E-05	2.8870E-03
607235.06	4201458.34	453396.5456	0.04947	0.05086	0.56098	0.6018	3.81E-03	7.77E-07	8.09E-07	1.43E-05	1.53E-05	3.8384E-03
607237.02	4201569.37	168917.6265	0.03692	0.03773	0.48594	0.5226	1.42E-03	5.80E-07	6.00E-07	1.24E-05	1.33E-05	1.4452E-03
607242.15	4201499.33	279895.8861	0.0446	0.04576	0.55208	0.59422	2.35E-03	7.01E-07	7.28E-07	1.41E-05	1.51E-05	2.3809E-03
607245.3	4201518.25	239063.7956	0.04267	0.04374	0.5503	0.59375	2.01E-03	6.70E-07	6.96E-07	1.40E-05	1.51E-05	2.0379E-03
607256.2	4201735.98	78625.71383	0.02701	0.02744	0.57375	0.6388	6.60E-04	4.24E-07	4.37E-07	1.46E-05	1.62E-05	6.9191E-04
607259.99	4202104.79	27418.96007	0.01586	0.016	1.29013	1.85171	2.30E-04	2.49E-07	2.55E-07	3.29E-05	4.70E-05	3.1059E-04
607260.56	4201780.54	66909.32054	0.02519	0.02555	0.68059	0.76269	5.62E-04	3.96E-07	4.07E-07	1.73E-05	1.93E-05	5.9934E-04
607262.5	4201714.67	85301.94912	0.0283	0.02877	0.58438	0.65371	7.16E-04	4.45E-07	4.58E-07	1.49E-05	1.66E-05	7.4867E-04
607263.77	4201568.55	169698.749	0.03901	0.0399	0.60721	0.66179	1.42E-03	6.13E-07	6.35E-07	1.55E-05	1.68E-05	1.4585E-03
607263.97	4202045.13	31118.76299	0.01684	0.017	1.03546	1.32748	2.61E-04	2.65E-07	2.71E-07	2.64E-05	3.37E-05	3.2190E-04
607265.41	4201691.43	93332.47974	0.0297	0.03021	0.58493	0.65491	7.84E-04	4.66E-07	4.81E-07	1.49E-05	1.66E-05	8.1619E-04
607268.31	4201663.82	104705.8869	0.03153	0.0321	0.58974	0.65946	8.79E-04	4.95E-07	5.11E-07	1.50E-05	1.67E-05	9.1199E-04
607270.25	4201614.91	132561.9334	0.03545	0.0362	0.61464	0.67987	1.11E-03	5.57E-07	5.76E-07	1.57E-05	1.72E-05	1.1472E-03
607271.35	4202059.5	30510.62959	0.0169	0.01705	1.4225	2.07831	2.56E-04	2.65E-07	2.71E-07	3.62E-05	5.27E-05	3.4570E-04
607272.19	4201641.54	116081.8208	0.03337	0.03402	0.61197	0.68354	9.75E-04	5.24E-07	5.41E-07	1.56E-05	1.73E-05	1.0088E-03
607276.28	4201925.31	43069.30909	0.02051	0.02075	1.12154	1.31819	3.62E-04	3.22E-07	3.30E-07	2.86E-05	3.34E-05	4.2432E-04
607278.74	4202023.38	33454.78466	0.01796	0.01813	1.69424	2.3416	2.81E-04	2.82E-07	2.88E-07	4.32E-05	5.94E-05	3.8406E-04
607279.97	4201945.82	40785.22208	0.02001	0.02023	1.29663	1.559	3.42E-04	3.14E-07	3.22E-07	3.30E-05	3.96E-05	4.1570E-04
607281.85	4201948.62	40506.64834	0.01998	0.0202	1.36499	1.65195	3.40E-04	3.14E-07	3.21E-07	3.48E-05	4.19E-05	4.1746E-04
607281.85	4202248.62	20623.49996	0.01377	0.01388	4.13977	5.35722	1.73E-04	2.16E-07	2.21E-07	1.05E-04	1.36E-04	4.1498E-04
607281.85	4202098.62	28097.93937	0.01638	0.01653	2.46429	4.43812	2.36E-04	2.57E-07	2.63E-07	6.28E-05	1.13E-04	4.1183E-04
607281.85	4201998.62	35608.72238	0.01864	0.01883	1.66287	2.1976	2.99E-04	2.93E-07	3.00E-07	4.24E-05	5.58E-05	3.9772E-04
607281.85	4202048.62	31534.80169	0.01744	0.01761	2.01789	3.08741	2.65E-04	2.74E-07	2.80E-07	5.14E-05	7.83E-05	3.9509E-04
607281.85	4202148.62	24971.51971	0.01524	0.01537	3.66517	3.40058	2.10E-04	2.39E-07	2.45E-07	9.34E-05	8.63E-05	3.8981E-04
607281.85	4202198.62	22531.36864	0.01439	0.01451	3.6039	3.94881	1.89E-04	2.26E-07	2.31E-07	9.18E-05	1.00E-04	3.8164E-04
607281.85	4202298.62	18722.34776	0.01296	0.01305	3.8067	2.87725	1.57E-04	2.04E-07	2.08E-07	9.70E-05	7.30E-05	3.2759E-04
607281.85	4202348.62	17162.91802	0.01241	0.0125	1.97795	1.75191	1.44E-04	1.95E-07	1.99E-07	5.04E-05	4.44E-05	2.3935E-04
607281.85	4202398.62	15652.20097	0.01174	0.01181	1.30307	1.19623	1.31E-04	1.84E-07	1.88E-07	3.32E-05	3.03E-05	1.9535E-04
607281.85	4202448.62	14308.6417	0.01107	0.01114	0.9802	0.91111	1.20E-04	1.74E-07	1.77E-07	2.50E-05	2.31E-05	1.6859E-04
607281.85	4202498.62	13135.90277	0.01047	0.01053	0.80663	0.75701	1.10E-04	1.64E-07	1.68E-07	2.05E-05	1.92E-05	1.5039E-04
607281.85	4202548.62	12107.87767	0.00993	0.00999	0.70881	0.67003	1.02E-04	1.56E-07	1.59E-07	1.81E-05	1.70E-05	1.3704E-04
607282.36	4201779.57	67466.71608	0.0261	0.02649	0.86523	0.99609	5.67E-04	4.10E-07	4.22E-07	2.20E-05	2.53E-05	6.1467E-04
607283.25	4202005.74	35002.08602	0.01849	0.01868	1.78258	2.4147	2.94E-04	2.90E-07	2.97E-07	4.54E-05	6.13E-05	4.0118E-04
607284.07	4201963.88	38940.34024	0.0196	0.01982	1.52426	1.89251	3.27E-04	3.08E-07	3.15E-07	3.88E-05	4.80E-05	4.1445E-04
607285.17	4201568.14	169412.9388	0.04083	0.04181	0.75193	0.83269	1.42E-03	6.41E-07	6.65E-07	1.92E-05	2.11E-05	1.4642E-03
607287.2	4201728.23	81368.74248	0.02891	0.0294	0.77655	0.89687	6.83E-04	4.54E-07	4.68E-07	1.98E-05	2.28E-05	7.2672E-04
607288.66	4201454.4	482208.0237	0.05712	0.05906	1.10477	1.24173	4.05E-03	8.97E-07	9.40E-07	2.81E-05	3.15E-05	4.1107E-03
607289.45	4201490.66	304595.974	0.0512	0.05275	0.98694	1.10067	2.56E-03	8.04E-07	8.39E-07	2.51E-05	2.79E-05	2.6124E-03
607289.45	4201514.95	248797.3621	0.04799	0.04934	0.90007	1.00286	2.09E-03	7.54E-07	7.85E-07	2.29E-05	2.54E-05	2.1391E-03
607290.64	4201984.81	36990.17899	0.01919	0.0194	1.98465	2.63252	3.11E-04	3.01E-07	3.09E-07	5.06E-05	6.68E-05	4.2857E-04
607294.18	4201470.16	385370.0851	0.05506	0.05686	1.14499	1.28723	3.24E-03	8.65E-07	9.05E-07	2.92E-05	3.27E-05	3.2996E-03
607294.46	4201707.41	88158.12622	0.03046	0.03102	0.81572	0.95251	7.40E-04	4.78E-07	4.94E-07	2.08E-05	2.42E-05	7.8619E-04
607299.31	4201658.98	107295.895	0.03384	0.03453	0.80858	0.93937	9.01E-04	5.32E-07	5.49E-07	2.06E-05	2.38E-05	9.4649E-04
607299.31	4201681.26	97880.74704	0.03233	0.03296	0.83042	0.97248	8.22E-04	5.08E-07	5.24E-07	2.12E-05	2.47E-05	8.6878E-04
607303.67	4201638.15	117548.4894	0.03572	0.03648	0.84181	0.97494	9.87E-04	5.61E-07	5.80E-07	2.14E-05	2.47E-05	1.0344E-03
607305.12	4201612.97	132909.0651	0.03815	0.03904	0.88878	1.01669	1.12E-03	5.99E-07	6.21E-07	2.26E-05	2.58E-05	1.1657E-03
607305.12	4201782.47	66872.20525	0.0268	0.02723	1.25305	1.52765	5.62E-04	4.21E-07	4.33E-07	3.19E-05	3.88E-05	6.3307E-04
607307.4	4201564.43	171778.0863	0.04326	0.04437	0.99696	1.13519	1.44E-03	6.79E-07	7.06E-07	2.54E-05	2.88E-05	1.4980E-03
607307.87	4201899.45	46592.54269	0.0221	0.02238	2.16604	2.86429	3.91E-04	3.47E-07	3.56E-07	5.52E-05	7.27E-05	5.1979E-04
607316.49	4201853.9	53262.3658	0.024	0.02434	2.14675	2.95534	4.47E-04	3.77E-07	3.87E-07	5.47E-05	7.50E-05	5.7768E-04
607321.3	4202259.3	20633.51307	0.01406	0.01418	2.77616	2.19171	1.73E-04	2.21E-07	2.26E-07	7.07E-05	5.56E-05	3.0003E-04
607330.96	4202209.32	22702.86421	0.01491	0.01506	3.12303	2.47217	1.91E-04	2.34E-07	2.40E-07	7.96E-05	6.27E-05	3.3339E-04
607331.85	4201998.62	36229.4009	0.01967	0.01992	4.06181	6.61806	3.04E-04	3.09E-07	3.17E-07	1.03E-04	1.68E-04	5.7622E-04
607331.85	4201948.62	40981.02767	0.02105	0.02133	2.7548	5.68077	3.44E-04	3.31E-07	3.39E-07	7.02E-05	1.44E-04	5.5909E-04
607331.85	4202048.62	32119.32161	0.01834	0.01856	6.36332	4.51351	2.70E-04	2.88E-07	2.95E-07	1.62E-04	1.15E-04	5.4690E-04
607331.85	4202098.62	28636.05746	0.01713	0.01732	4.97868	3.48759	2.40E-04	2.69E-07	2.76E-07	1.27E-04	8.85E-05	4.5631E-04
607331.85	4202148.62	25468.6438	0.01585	0.01601	3.83607	2.80971	2.14E-04	2.49E-07	2.55E-07	9.77E-05	7.13E-05	3.8337E-04
607331.85	4202198.62	23075.02293	0.01499	0.01514	3.27871	2.52069	1.94E-04	2.35E-07	2.41E-07	8.35E-05	6.39E-05	3.4171E-04
607331.85	4202248.62	21168.68352	0.01433	0.01447	2.48943	2.01355	1.78E-04	2.25E-07	2.30E-07	6.34E-05	5.11E-05	2.9271E-04
607331.85	4202298.62	19303.45263	0.01355	0.01368	1.80366	1.53996	1.62E-04	2.13E-07	2.18E-07	4.59E-05	3.91E-05	2.4754E-04
607331.85	4202348.62	17655.34966	0.01286	0.01297	1.29052	1.16626	1.48E-04	2.02E-07	2.06E-07	3.29E-05	2.96E-05	2.1113E-04
607331.85	4202398.62	16166.92926	0.0122	0.0123	0.96449	0.89807	1.36E-04	1.92E-07	1.96E-07	2.46E-05	2.28E-05	1.8350E-04
607331.85	4202448.62	14765.49746	0.01146	0.01155	0.75513	0.71284	1.24E-04	1.80E-07	1.84E-07	1.92E-05	1.81E-05	1.6167E-04
607331.85	4202498.62	13549.42801	0.01081	0.01089	0.63365	0.60275	1.14E-04	1.70E-07	1.73E-07	1.61E-05	1.53E-05	1.4555E-04
607331.85	4202548.62	12499.82334	0.01025	0.01032	0.55605	0.53207	1.05E-04	1.61E-07	1.64E-07	1.42E-05	1.35E-05	1.3295E-04
607332.24	4201768.91	69989.05145	0.02855	0.02905	2.10387	2.91203	5.88E-04	4.48E-07	4.62E-07	5.36E-05	7.39E-05	7.1609E-04
607333.23	4202147.98	25519.08722	0.01588	0.01605	3.71945	2.74596	2.14E-04	2.49E-07	2.55E-07	9.47E-05	6.97E-05	3.7921E-04
607333.8	4202176.38	23975.80953	0.01525	0.0154	3.2453	2.45047	2.01E-04	2.40E-07	2.45E-07	8.27E-05	6.22E-05	3.4665E-04
607338.67	4201559.91	171720.0041	0.04668	0.04805	1.68645	2.05897	1.44E-03	7.33E-07	7.65E-07	4.30E-05	5.22E-05	1.5387E-03
607339.02	4201743.25	76622.42026	0.0304	0.03099	2.12054	2.99882	6.43E-04	4.77E-07	4.93E-07	5.40E-05	7.61E-05	7.7448E-04
607340.96	4201720	83449.04558	0.03202	0.03267	1.95592	2.7325	7.01E-04	5.03E-07	5.20E-07	4.98E-05	6.93E-05	8.2090E-04
607346.28	4201693.85	92074.64091	0.03414	0.03489	1.95987	2.75648	7.73E-04	5.36E-07	5.55E-07	4.99E-05	6.99E-05	8.9411E-04
607346.86	4202072.72	30527.7667	0.01797	0.01819	3.82402	2.90156	2.56E-04	2.82E-07	2.89E-07	9.74E-05	7.36E-05	4.2794E-04
607348.03	4202037.94	33109.52342	0.01888	0.01912	4.35121	3.34203	2.78E-04	2.97E-07	3.04E-07	1.11E-04	8.48E-05	4.7426E-04
607350.64	4201670.12	100990.08	0.03619	0.03705	1.95492	2.78523	8.48E-04	5.68E-07	5.90E-07	4.98E-05	7.07E-05	9.6965E-04
607352.58	4201646.39	111339.4838	0.03832	0.03929	1.92059	2.65733	9.35E-04	6.02E-07	6.25E-07	4.89E-05	6.74E-05	1.0525E-03
607355.48	4201589.24	144383.1902	0.04456	0.04585	2.30792	2.98575	1.21E-03	7.00E-07	7.30E-07	5.88E-05	7.57E-05	1.3484E-03
607355.97	4201619.75	124932.6072	0.04119	0.04231	2.11486	2.80668	1.05E-03	6.47E-07	6.73E-07	5.39E-05	7.12E-05	1.1755E-03
607366.33	4200769.13	641820.8772	1.74856	1.43729	0.03979	0.03766	5.39E-03	2.75E-05	2.29E-05	1.01E-06	9.55E-07	5.4418E-03
607369.05	4201993.63	37086.63484	0.02051	0.02081	3.27579	2.76598	3.11E-04	3.22E-07	3.31E-07	8.34E-05	7.02E-05	4.6569E-04
607370.6	4200744.38	524957.6945	1.48929	1.24955	0.036	0.03422	4.41E-03	2.34E-05	1.99E-05	9.17E-07	8.68E-07	4.4532E-03
607378.7	4201943.65	41973.06476	0.02226	0.02261	3.30802	2.80509	3.52E-04	3.50E-07	3.60E-07	8.43E-05	7.12E-05	5.0860E-04
607380.97	4201882.31	49310.39742	0.02457	0.02499	4.1753	3.29048	4.14E-04	3.86E-07	3.98E-07	1.06E-04	8.35E-05	6.0469E-04
607381.54	4201910.71	45704.3106	0.02348	0.02387	3.56835	2.96232	3.84E-04	3.69E-07	3.80E-07	9.09E-05	7.52E-05	5.5059E-04
607381.85	4201948.62	41493.25722	0.02217	0.02252	3.06799	2.63148	3.48E-04	3.48E-07	3.58E-07	7.82E-05	6.68E-05	4.9405E-04
607381.85	4201998.62	36775.94722	0.02057	0.02087	2.52747	2.20146	3.09E-04	3.23E-07	3.32E-07	6.44E-05	5.59E-05	4.2970E-04
607381.85	4202048.62	32674.59767	0.01913	0.0194	2.22774	1.90158	2.74E-04	3.00E-07	3.09E-07	5.67E-05	4.82E-05	3.7997E-04
607381.85	4202098.62	29029.54688	0.01772	0.01795	1.93036	1.65636	2.44E-04	2.78E-07	2.86E-07	4.92E-05	4.20E-05	3.3552E-04
607381.85	4202148.62	25904.02455	0.0164	0.01659	1.68625	1.45184	2.18E-04	2.58E-07	2.64E-07	4.30E-05	3.68E-05	2.9783E-04
607381.85	4202348.62	18113.54383	0.01321	0.01334	0.91408	0.84017	1.52E-04	2.07E-07	2.12E-07	2.33E-05	2.13E-05	1.9712E-04
607381.85	4202398.62	16588.32131	0.01253	0.01265	0.73858	0.69343	1.39E-04	1.97E-07	2.01E-07	1.88E-05	1.76E-05	1.7610E-04
607381.85	4202448.62	15164.38514	0.01177	0.01187	0.60384	0.57435	1.27E-04	1.85E-07	1.89E-07	1.54E-05	1.46E-05	1.5766E-04
607381.85	4202498.62	13928.77592	0.01109	0.01118	0.51462	0.49327	1.17E-04	1.74E-07	1.78E-07	1.31E-05	1.25E-05	1.4294E-04
607381.85	4202548.62	12868.33768	0.01052	0.0106	0.45108	0.43505	1.08E-04	1.65E-07	1.69E-07	1.15E-05	1.10E-05	1.3092E-04
607400.85	4201861.3	52245.76211	0.02599	0.02647	2.93845	2.46245	4.39E-04	4.08E-07	4.21E-07	7.49E-05	6.25E-05	5.7687E-04
607402.25	4201797.62	62841.53087	0.02929	0.0299	3.58586	2.88625	5.28E-04	4.60E-07	4.76E-07	9.13E-05	7.32E-05	6.9319E-04
607402.82	4201762.98	70138.17905	0.03151	0.03221	4.22638	3.23134	5.89E-04	4.95E-07	5.13E-07	1.08E-04	8.20E-05	7.7961E-04
607405.41	4201505.03	206429.7185	0.06304	0.0657	4.17406	3.49824	1.73E-03	9.90E-07	1.05E-06	1.06E-04	8.87E-05	1.9305E-03
607410.62	4201477.67	235693.0153	0.07015	0.07343	3.07512	2.726	1.98E-03	1.10E-06	1.17E-06	7.83E-05	6.92E-05	2.1289E-03
607415.83	4201531.52	173971.3878	0.05885	0.06118	3.87238	3.19242	1.46E-03	9.24E-07	9.73E-07	9.86E-05	8.10E-05	1.6424E-03
607417.02	4201708.46	83633.48798	0.03628	0.03719	3.77283	2.94457	7.02E-04	5.70E-07	5.92E-07	9.61E-05	7.47E-05	8.7426E-04
607423.16	4200737.35	339953.5867	2.92747	2.23907	0.0341	0.03244	2.85E-03	4.60E-05	3.56E-05	8.69E-07	8.23E-07	2.9379E-03
607424.97	4201746.51	73235.67255	0.03356	0.03435	2.8234	2.32863	6.15E-04	5.27E-07	5.47E-07	7.19E-05	5.91E-05	7.4704E-04
607425.67	4201675.37	93342.38919	0.03977	0.04086	3.50822	2.78568	7.84E-04	6.25E-07	6.50E-07	8.94E-05	7.07E-05	9.4512E-04
607426.11	4201803.3	61319.16817	0.02974	0.03037	2.29462	1.97714	5.15E-04	4.67E-07	4.83E-07	5.85E-05	5.02E-05	6.2447E-04
607427.56	4201582.75	133909.8072	0.05127	0.05305	3.76845	3.08289	1.12E-03	8.05E-07	8.44E-07	9.60E-05	7.82E-05	1.3003E-03
607430.39	4201618.1	115069.5293	0.04652	0.048	3.54545	2.90402	9.66E-04	7.31E-07	7.64E-07	9.03E-05	7.37E-05	1.1317E-03
607431.85	4202348.62	18436.01888	0.01353	0.01368	0.68298	0.63872	1.55E-04	2.13E-07	2.18E-07	1.74E-05	1.62E-05	1.8884E-04
607431.85	4202398.62	16833.39536	0.01269	0.01282	0.57163	0.54161	1.41E-04	1.99E-07	2.04E-07	1.46E-05	1.37E-05	1.7006E-04
607431.85	4202448.62	15488.8622	0.012	0.01211	0.49071	0.46926	1.30E-04	1.88E-07	1.93E-07	1.25E-05	1.19E-05	1.5485E-04
607431.85	4202498.62	14275.04081	0.01134	0.01144	0.42627	0.41061	1.20E-04	1.78E-07	1.82E-07	1.09E-05	1.04E-05	1.4151E-04

607431.85	4202548.62	13209.03611	0.01076	0.01085	0.37419	0.36274	1.11E-04	1.69E-07	1.73E-07	9.53E-06	9.20E-06	1.2999E-04
607437.11	4201475.93	212451.2892	0.0744	0.07807	1.95903	1.79581	1.78E-03	1.17E-06	1.24E-06	4.99E-05	4.56E-05	1.8819E-03
607438.52	4201654.18	99278.10439	0.04269	0.04395	2.82622	2.3533	8.34E-04	6.71E-07	6.99E-07	7.20E-05	5.97E-05	9.6672E-04
607441.02	4201532.39	161825.0003	0.06136	0.06389	2.32098	2.06671	1.36E-03	9.64E-07	1.02E-06	5.91E-05	5.24E-05	1.4724E-03
607441.46	4201563.66	141266.7143	0.05553	0.05762	2.63662	2.29783	1.19E-03	8.72E-07	9.17E-07	6.72E-05	5.83E-05	1.3135E-03
607444.85	4201714.71	80028.7946	0.03698	0.03793	2.22327	1.89797	6.72E-04	5.81E-07	6.04E-07	5.66E-05	4.82E-05	7.7798E-04
607445.41	4201806.14	60372.27897	0.03021	0.03086	1.77088	1.57079	5.07E-04	4.75E-07	4.91E-07	4.51E-05	3.99E-05	5.9288E-04
607450.52	4201749.92	71243.09792	0.03432	0.03514	1.90401	1.65828	5.98E-04	5.39E-07	5.59E-07	4.85E-05	4.21E-05	6.8991E-04
607455.14	4201620.93	109471.1686	0.04783	0.04938	2.18495	1.90731	9.19E-04	7.51E-07	7.86E-07	5.57E-05	4.84E-05	1.0248E-03
607455.35	4201475.06	198290.4248	0.07718	0.0811	1.55344	1.44277	1.67E-03	1.21E-06	1.29E-06	3.96E-05	3.66E-05	1.7438E-03
607459.04	4201719.25	77886.26789	0.03723	0.03819	1.82292	1.59413	6.54E-04	5.85E-07	6.08E-07	4.64E-05	4.04E-05	7.4209E-04
607461	4201530.65	154337.7065	0.06382	0.06655	1.7342	1.58702	1.30E-03	1.00E-06	1.06E-06	4.42E-05	4.03E-05	1.3825E-03
607462.74	4201564.09	134557.633	0.05739	0.05961	1.88848	1.69476	1.13E-03	9.01E-07	9.49E-07	4.81E-05	4.30E-05	1.2229E-03
607463.02	4201659.05	94513.42744	0.04354	0.04483	1.89894	1.66353	7.94E-04	6.84E-07	7.13E-07	4.84E-05	4.22E-05	8.8562E-04
607469.83	4201761.27	67878.45987	0.03421	0.03503	1.48947	1.33332	5.70E-04	5.37E-07	5.57E-07	3.79E-05	3.38E-05	6.4285E-04
607471.54	4201807.84	59327.12914	0.03098	0.03166	1.34391	1.22185	4.98E-04	4.87E-07	5.04E-07	3.42E-05	3.10E-05	5.6440E-04
607473.47	4201205.35	343030.0392	0.35948	0.41811	0.92055	0.82778	2.88E-03	5.65E-06	6.65E-06	2.34E-05	2.10E-05	2.9372E-03
607474.9	4201475.93	183601.6268	0.07944	0.08358	1.26874	1.18998	1.54E-03	1.25E-06	1.33E-06	3.23E-05	3.02E-05	1.6068E-03
607475.65	4201620.23	106153.6362	0.04934	0.05099	1.6502	1.48013	8.91E-04	7.75E-07	8.11E-07	4.20E-05	3.76E-05	9.7256E-04
607478.35	4201723.23	75565.8088	0.03777	0.03876	1.45802	1.30447	6.35E-04	5.93E-07	6.17E-07	3.71E-05	3.31E-05	7.0598E-04
607481.85	4202348.62	18724.05905	0.01383	0.01397	0.53687	0.50762	1.57E-04	2.17E-07	2.22E-07	1.37E-05	1.29E-05	1.8422E-04
607481.85	4202398.62	17121.79162	0.01296	0.01309	0.46405	0.44251	1.44E-04	2.04E-07	2.08E-07	1.18E-05	1.12E-05	1.6723E-04
607481.85	4202448.62	15770.18443	0.01223	0.01234	0.40605	0.39012	1.32E-04	1.92E-07	1.96E-07	1.03E-05	9.90E-06	1.5305E-04
607481.85	4202498.62	14581.06582	0.01158	0.01168	0.35797	0.34618	1.22E-04	1.82E-07	1.86E-07	9.12E-06	8.78E-06	1.4071E-04
607481.85	4202548.62	13520.08606	0.01099	0.01108	0.31586	0.3073	1.14E-04	1.73E-07	1.76E-07	8.05E-06	7.80E-06	1.2972E-04
607482.45	4201664.05	90573.29458	0.04407	0.0454	1.49578	1.34074	7.61E-04	6.92E-07	7.22E-07	3.81E-05	3.40E-05	8.3409E-04
607482.71	4201528.05	146878.4971	0.06661	0.06957	1.34591	1.25231	1.23E-03	1.05E-06	1.11E-06	3.43E-05	3.18E-05	1.3016E-03
607483.15	4201562.79	129148.2312	0.05944	0.06182	1.45992	1.33656	1.08E-03	9.34E-07	9.84E-07	3.72E-05	3.39E-05	1.1575E-03
607493.12	4201817.49	57158.15566	0.03114	0.03182	1.10263	1.0183	4.80E-04	4.89E-07	5.06E-07	2.81E-05	2.58E-05	5.3488E-04
607496.96	4201155.79	319091.8915	0.49414	0.57844	0.67074	0.59536	2.68E-03	7.76E-06	9.20E-06	1.71E-05	1.51E-05	2.7286E-03
607496.96	4201172.31	315746.7823	0.4381	0.50989	0.69995	0.62616	2.65E-03	6.88E-06	8.11E-06	1.78E-05	1.59E-05	2.7001E-03
607496.96	4201188.83	312080.0708	0.38865	0.44945	0.72503	0.65351	2.62E-03	6.10E-06	7.15E-06	1.85E-05	1.66E-05	2.6689E-03
607496.96	4201205.35	308036.4523	0.34531	0.39653	0.74639	0.67761	2.59E-03	5.42E-06	6.31E-06	1.90E-05	1.72E-05	2.6346E-03
607496.96	4201221.87	303562.7543	0.30757	0.35055	0.76459	0.69872	2.55E-03	4.83E-06	5.58E-06	1.95E-05	1.77E-05	2.5967E-03
607498.23	4201770.36	64697.0488	0.03464	0.03547	1.13003	1.03615	5.43E-04	5.44E-07	5.64E-07	2.88E-05	2.63E-05	5.9945E-04
607498.79	4201747.08	69073.85932	0.03657	0.0375	1.16196	1.06117	5.80E-04	5.74E-07	5.97E-07	2.96E-05	2.69E-05	6.3772E-04
607499.22	4201472.89	170394.7744	0.08322	0.0877	1.01672	0.96236	1.43E-03	1.31E-06	1.40E-06	2.59E-05	2.44E-05	1.4838E-03
607502.35	4201677.74	84519.12945	0.04362	0.04493	1.2158	1.10683	7.10E-04	6.85E-07	7.15E-07	3.10E-05	2.81E-05	7.7017E-04
607506.75	4201731.18	71794.7636	0.03837	0.03938	1.11135	1.01767	6.03E-04	6.03E-07	6.27E-07	2.83E-05	2.58E-05	6.5823E-04
607507.9	4201522.4	139866.9072	0.07034	0.0736	1.05256	0.99136	1.17E-03	1.10E-06	1.17E-06	2.68E-05	2.52E-05	1.2287E-03
607509.64	4201539.77	131317.627	0.06649	0.06941	1.07456	1.0071	1.10E-03	1.04E-06	1.10E-06	2.74E-05	2.55E-05	1.1578E-03
607510.51	4201563.23	121201.3703	0.06168	0.0642	1.11004	1.03317	1.02E-03	9.69E-07	1.02E-06	2.83E-05	2.62E-05	1.0742E-03
607517.46	4201473.76	159855.5844	0.08478	0.08937	0.88571	0.84227	1.34E-03	1.33E-06	1.42E-06	2.26E-05	2.14E-05	1.3890E-03
607518.78	4201606.08	103341.1367	0.0546	0.05659	1.06714	0.98983	8.68E-04	8.58E-07	9.00E-07	2.72E-05	2.51E-05	9.2183E-04
607520.45	4201073.19	303210.7202	0.76502	0.88343	0.38852	0.33828	2.55E-03	1.20E-05	1.41E-05	9.90E-06	8.58E-06	2.5907E-03
607520.45	4201089.71	300530.7282	0.6925	0.80196	0.4284	0.37487	2.52E-03	1.09E-05	1.28E-05	1.09E-05	9.51E-06	2.5677E-03
607520.45	4201106.23	297899.0678	0.62457	0.72371	0.46554	0.40986	2.50E-03	9.81E-06	1.15E-05	1.19E-05	1.04E-05	2.5451E-03
607520.45	4201122.75	295216.6269	0.56204	0.65031	0.49929	0.44258	2.48E-03	8.83E-06	1.03E-05	1.27E-05	1.12E-05	2.5221E-03
607520.45	4201155.79	289402.4619	0.454	0.5219	0.5566	0.50017	2.43E-03	7.13E-06	8.30E-06	1.42E-05	1.27E-05	2.4725E-03
607520.45	4201172.31	286151.1289	0.40796	0.46708	0.58068	0.52516	2.40E-03	6.41E-06	7.43E-06	1.48E-05	1.33E-05	2.4448E-03
607520.45	4201188.83	282601.6191	0.36667	0.41795	0.60204	0.54779	2.37E-03	5.76E-06	6.65E-06	1.53E-05	1.39E-05	2.4147E-03
607520.45	4201205.35	278707.2228	0.32976	0.37404	0.62088	0.5682	2.34E-03	5.18E-06	5.95E-06	1.58E-05	1.44E-05	2.3817E-03
607520.45	4201221.87	274425.3348	0.29694	0.33501	0.63746	0.58651	2.30E-03	4.66E-06	5.33E-06	1.62E-05	1.49E-05	2.3455E-03
607523.01	4201691.84	78911.02238	0.04313	0.0444	1.00933	0.93066	6.63E-04	6.77E-07	7.06E-07	2.57E-05	2.36E-05	7.1333E-04
607531.85	4202348.62	18965.61142	0.01419	0.01434	0.43667	0.41628	1.59E-04	2.23E-07	2.28E-07	1.11E-05	1.06E-05	1.8139E-04
607531.85	4202398.62	17370.00332	0.01329	0.01341	0.38549	0.36979	1.46E-04	2.09E-07	2.13E-07	9.82E-06	9.38E-06	1.6548E-04
607531.85	4202448.62	15982.62722	0.01248	0.01259	0.34038	0.32854	1.34E-04	1.96E-07	2.00E-07	8.67E-06	8.34E-06	1.5161E-04
607531.85	4202498.62	14836.21416	0.01184	0.01194	0.3042	0.29522	1.25E-04	1.86E-07	1.90E-07	7.75E-06	7.49E-06	1.4020E-04
607531.85	4202548.62	13784.84679	0.01123	0.01133	0.27017	0.26359	1.16E-04	1.76E-07	1.80E-07	6.88E-06	6.69E-06	1.2968E-04
607535.76	4201644.98	88869.10014	0.04965	0.05131	0.93067	0.86536	7.46E-04	7.80E-07	8.16E-07	2.37E-05	2.20E-05	7.9351E-04
607540.71	4201675.39	80767.32428	0.04596	0.04739	0.88984	0.82763	6.78E-04	7.22E-07	7.54E-07	2.27E-05	2.10E-05	7.2336E-04
607541.39	4201808.98	56734.22554	0.03357	0.03435	0.80291	0.75331	4.76E-04	5.27E-07	5.47E-07	2.05E-05	1.91E-05	5.1704E-04
607543.94	4201073.19	277775.2966	0.67309	0.7646	0.3396	0.29995	2.33E-03	1.06E-05	1.22E-05	8.65E-06	7.61E-06	2.3715E-03
607543.94	4201089.71	275085.7934	0.61434	0.69934	0.37052	0.32873	2.31E-03	9.65E-06	1.11E-05	9.44E-06	8.34E-06	2.3485E-03
607543.94	4201106.23	272464.8581	0.55925	0.63694	0.39954	0.35637	2.29E-03	8.78E-06	1.01E-05	1.02E-05	9.04E-06	2.3261E-03
607543.94	4201122.75	269809.1188	0.50827	0.57831	0.42625	0.3824	2.27E-03	7.98E-06	9.20E-06	1.09E-05	9.70E-06	2.3034E-03
607543.94	4201172.31	260931.741	0.38057	0.42965	0.49259	0.44952	2.19E-03	5.98E-06	6.84E-06	1.25E-05	1.14E-05	2.2278E-03
607546.5	4201792.51	58922.1873	0.03502	0.03586	0.79256	0.74321	4.95E-04	5.50E-07	5.71E-07	2.02E-05	1.89E-05	5.3494E-04
607553.31	4201751.62	64947.76045	0.0387	0.03972	0.785	0.73526	5.45E-04	6.08E-07	6.32E-07	2.00E-05	1.87E-05	5.8527E-04
607553.44	4201659.83	82852.30247	0.04862	0.0502	0.8176	0.76473	6.96E-04	7.64E-07	7.99E-07	2.08E-05	1.94E-05	7.3751E-04
607558.28	4201479.41	138610.9749	0.08617	0.09072	0.68349	0.65433	1.16E-03	1.35E-06	1.44E-06	1.74E-05	1.66E-05	1.2007E-03
607563.06	4201541.51	114637.7161	0.07007	0.0732	0.72709	0.69079	9.63E-04	1.10E-06	1.16E-06	1.85E-05	1.75E-05	1.0009E-03
607563.93	4201561.49	108123.6004	0.06587	0.06866	0.73819	0.69986	9.08E-04	1.03E-06	1.09E-06	1.88E-05	1.78E-05	9.4662E-04
607564.36	4201572.4	120632.1094	0.07468	0.07819	0.70263	0.66988	1.01E-03	1.17E-06	1.24E-06	1.79E-05	1.70E-05	1.0503E-03
607566.53	4201581.9	101400.0905	0.06207	0.06455	0.73937	0.69984	8.51E-04	9.75E-07	1.03E-06	1.88E-05	1.78E-05	8.9006E-04
607567.43	4201073.19	255892.8069	0.60098	0.67345	0.3009	0.26892	2.15E-03	9.44E-06	1.07E-05	7.67E-06	6.82E-06	2.1834E-03
607567.43	4201089.71	253168.8796	0.55221	0.6198	0.32552	0.2921	2.13E-03	8.67E-06	9.86E-06	8.29E-06	7.41E-06	2.1601E-03
607567.43	4201106.23	250536.2193	0.50643	0.56867	0.34878	0.31443	2.10E-03	7.95E-06	9.05E-06	8.88E-06	7.98E-06	2.1377E-03
607567.43	4201122.75	247889.9652	0.46389	0.52056	0.37041	0.33561	2.08E-03	7.29E-06	8.28E-06	9.44E-06	8.51E-06	2.1151E-03
607571.31	4201602.75	94498.94238	0.0584	0.06061	0.72424	0.68474	7.94E-04	9.17E-07	9.64E-07	1.84E-05	1.74E-05	8.3122E-04
607571.44	4201713.55	70062.09998	0.04318	0.04443	0.71677	0.67428	5.88E-04	6.78E-07	7.07E-07	1.83E-05	1.71E-05	6.2507E-04
607574.23	4201809.28	55416.00565	0.03488	0.03571	0.66869	0.63408	4.65E-04	5.48E-07	5.68E-07	1.70E-05	1.61E-05	4.9957E-04
607577.16	4201791.94	57666.49131	0.03636	0.03726	0.66812	0.63306	4.84E-04	5.71E-07	5.93E-07	1.70E-05	1.61E-05	5.1848E-04
607579.99	4201477.67	130925.7831	0.08792	0.09254	0.60168	0.57752	1.10E-03	1.38E-06	1.47E-06	1.53E-05	1.47E-05	1.1322E-03
607581.63	4201694.49	72532.09905	0.04571	0.0471	0.67825	0.6397	6.09E-04	7.18E-07	7.49E-07	1.73E-05	1.62E-05	6.4404E-04
607581.85	4202348.62	19103.68233	0.01461	0.01475	0.36314	0.34846	1.60E-04	2.29E-07	2.35E-07	9.25E-06	8.84E-06	1.7897E-04
607581.85	4202398.62	17536.03244	0.01366	0.01378	0.32522	0.31357	1.47E-04	2.15E-07	2.19E-07	8.28E-06	7.96E-06	1.6393E-04
607581.85	4202448.62	16191.34326	0.01284	0.01295	0.29135	0.2823	1.36E-04	2.02E-07	2.06E-07	7.42E-06	7.16E-06	1.5095E-04
607581.85	4202498.62	15038.87602	0.01214	0.01224	0.26168	0.25474	1.26E-04	1.91E-07	1.95E-07	6.67E-06	6.46E-06	1.3980E-04
607581.85	4202548.62	13998.13828	0.0115	0.0116	0.23392	0.22878	1.18E-04	1.81E-07	1.85E-07	5.96E-06	5.80E-06	1.2967E-04
607583.98	4201765.25	61147.32254	0.03892	0.03994	0.65778	0.62226	5.13E-04	6.11E-07	6.36E-07	1.68E-05	1.58E-05	5.4725E-04
607584.55	4201620.93	87675.15661	0.05599	0.05801	0.6709	0.63503	7.36E-04	8.79E-07	9.23E-07	1.71E-05	1.61E-05	7.7122E-04
607588.25	4201535.86	109732.0718	0.0728	0.07608	0.62055	0.59248	9.21E-04	1.14E-06	1.21E-06	1.58E-05	1.50E-05	9.5463E-04
607590.92	4201023.63	247788.7426	0.68027	0.74702	0.20654	0.18506	2.08E-03	1.07E-05	1.19E-05	5.26E-06	4.69E-06	2.1132E-03
607590.92	4201040.15	243405.3371	0.63248	0.69706	0.22768	0.20435	2.04E-03	9.93E-06	1.11E-05	5.80E-06	5.18E-06	2.0759E-03
607590.92	4201056.67	239880.3644	0.5867	0.6485	0.24883	0.22388	2.01E-03	9.22E-06	1.03E-05	6.34E-06	5.68E-06	2.0459E-03
607590.92	4201073.19	236848.9924	0.54305	0.60156	0.26959	0.24332	1.99E-03	8.53E-06	9.57E-06	6.87E-06	6.17E-06	2.0200E-03
607590.92	4201089.71	234082.7866	0.50174	0.55652	0.28963	0.26237	1.97E-03	7.88E-06	8.86E-06	7.38E-06	6.66E-06	1.9964E-03
607590.92	4201106.23	231430.1264	0.46294	0.5137	0.30867	0.28076	1.94E-03	7.27E-06	8.17E-06	7.86E-06	7.12E-06	1.9738E-03
607590.92	4201122.75	228784.7834	0.42678	0.47335	0.32651	0.29829	1.92E-03	6.70E-06	7.53E-06	8.32E-06	7.57E-06	1.9513E-03
607597.59	4201692.32	71415.71152	0.04671	0.04814	0.62107	0.58815	6.00E-04	7.34E-07	7.66E-07	1.58E-05	1.49E-05	6.3193E-04
607598.67	4201478.97	123975.593	0.08831	0.09287	0.54574	0.52473	1.04E-03	1.39E-06	1.48E-06	1.39E-05	1.33E-05	1.0711E-03
607600.11	4201587.7	93240.53655	0.06272	0.06518	0.60704	0.57822	7.83E-04	9.85E-07	1.04E-06	1.55E-05	1.47E-05	8.1511E-04
607607.03	4201729.35	65033.79586	0.04335	0.04458	0.59427	0.5644	5.46E-04	6.81E-07	7.09E-07	1.51E-05	1.43E-05	5.7695E-04
607607.79	4201535.43	105009.2402	0.0738	0.07708	0.55754	0.53371	8.82E-04	1.16E-06	1.23E-06	1.42E-05	1.35E-05	9.1191E-04
607610.72	4201606.08	86990.51779	0.05974	0.06198	0.57699	0.54977	7.30E-04	9.38E-07	9.86E-07	1.47E-05	1.39E-05	7.6104E-04
607614.41	4201023.63	231324.5311	0.61434	0.66899	0.19146	0.173	1.94E-03	9.65E-06	1.06E-05	4.88E-06	4.39E-06	1.9720E-03
607614.41	4201040.15	226825.8347	0.57282	0.62566	0.20905	0.18925	1.90E-03	9.00E-06	9.96E-06	5.33E-06	4.80E-06	1.9338E-03
607614.41	4201056.67	223215.7226	0.53321	0.5838	0.22657	0.20561	1.87E-03	8.38E-06	9.29E-06	5.77E-06	5.22E-06	1.9030E-03
607614.41	4201073.19	220120.9088	0.49558	0.54357	0.24375	0.22184	1.85E-03	7.78E-06	8.65E-06	6.21E-06	5.63E-06	1.8767E-03
607614.41	4201089.71	217310.9204	0.46001	0.50511	0.26035	0.23775	1.82E-03	7.23E-06	8.04E-06	6.63E-06	6.03E-06	1.8527E-03
607614.41	4201106.23	214637.8107	0.42657	0.46859	0.27621	0.25315	1.80E-03	6.70E-06	7.46E-06	7.04E-06	6.42E-06	1.8300E-03
607615.67	4201566.48	95518.12127	0.06754	0.07031	0.54952	0.52576	8.02E-04	1.06E-06	1.12E-06	1.40E-05	1.33E-05	8.3160E-04
607618.06	4201676.37	72143.62698	0.04953	0.05111	0.55898	0.53174	6.06E-04	7.78E-07	8.13E-07	1.42E-05	1.35E-05	6.3512E-04
607620.62	4201625.88	81243.91656	0.05679	0.05882	0.54991	0.52417	6.82E-04	8.92E-07	9.36E-07	1.40E-05	1.33E-05	7.1135E-04
607623.86	4201478.54	116166.9729	0.08914	0.09364	0.48182	0.46411	9.75E-04	1.40E-06	1.49E-06	1.23E-05	1.18E-05	1.0024E-03
607628.27	4201709.56	66314.73982	0.04634	0.04773	0.53706	0.51165	5.57E-04	7.28E-07	7.59E-07	1.37E-05	1.30E-05	5.8500E-04
607631.24	4201526.31	101802.4242	0.07672	0.08015	0.49112	0.47174	8.55E-04	1.21E-06	1.28E-06	1.25E-05	1.20E-05	8.8181E-04
607631.85	4202348.62	19136.47343	0.01504	0.0152	0.3072	0.29627	1.61E-04	2.36E-07	2.42E-07	7.83E-06	7.52E-06	1.7651E-04
607631.85	4202398.62	17589.92419	0.01403	0.01417	0.2774	0.26861	1.48E-04	2.20E-07	2.25E-07	7.07E-06	6.81E-06	1.6203E-04
607631.85	4202448.62	16332.49722	0.01322	0.01334	0.2521	0.24508	1.37E-04	2.08E-07	2.12E-07	6.42E-06	6.22E-06	1.5021E-04
607631.85	4202498.62	15194.04692	0.01247	0.01258	0.22784	0.2224	1.28E-04	1.96E-07	2.00E-07	5.80E-06	5.64E-06	1.3943E-04
607631.85	4202548.62	14168.74937	0.0118	0.0119	0.20493	0.20085	1.19E-04	1.85E-07	1.89E-07	5.22E-06	5.10E-06	1.2967E-04
607636.96	4201667.56	71724.76199	0.05147	0.05315	0.5105	0.48735	6.02E-04	8.08E-07	8.46E-07	1.30E-05	1.24E-05	6.2931E-04
607637.9	4201023.63	216815.5132	0.5602	0.60543	0.17813	0.16215	1.82E-03	8.80E-06	9.63E-06	4.54E-06	4.11E-06	1.8477E-03
607637.9	4201040.15	212206.9437	0.5237	0.5674	0.19297	0.176	1.78E-03	8.23E-06	9.03E-06	4.92E-06	4.47E-06	1.8086E-03
607637.9	4201056.67	208493.982	0.489	0.53089	0.20769	0.18988	1.75E-03	7.68E-06	8.45E-06	5.29E-06	4.82E-06	1.7770E-03
607637.9	4201073.19	205330.4091	0.45612	0.49593	0.22212	0.20363	1.72E-03	7.16E-06	7.89E-06	5.66E-06	5.17E-06	1.7501E-03
607637.9	4201089.71	202477.9929	0.42503	0.46259	0.2362	0.2171	1.70E-03	6.68E-06	7.36E-06	6.01E-06	5.51E-06	1.7258E-03
607637.9	4201106.23	199782.1654	0.3958	0.43097	0.24951	0.23017	1.68E-03	6.22E-06	6.86E-06	6.36E-06	5.84E-06	1.7029E-03
607638.19	4201499.38	106730.5393	0.08359	0.08755	0.46192	0.44486	8.96E-04	1.31E-06	1.39E-06	1.18E-05	1.13E-05	9.2199E-04
607646.08	4201557.29	91692.64895	0.07035	0.07325	0.47058	0.45187	7.70E-04	1.10E-06	1.17E-06	1.20E-05	1.15E-05	7.9568E-04
607647.58	4201700.87	65948.6596	0.04802	0.04949	0.4909	0.46965	5.54E-04	7.54E-07	7.87E-07	1.25E-05	1.19E-05	5.7974E-04
607655.79	4201662.74	70597.03202	0.05286	0.0546	0.46878	0.44882	5.93E-04	8.30E-07	8.69E-07	1.19E-05	1.14E-05	6.1784E-04
607661.39	4201023.63	204024.4923	0.51503	0.55279	0.16628	0.15237	1.71E-03	8.09E-06	8.80E-06	4.24E-06	3.87E-06	1.7382E-03
607661.39	4201040.15	199249.1019	0.48261	0.5191	0.17894	0.1643	1.67E-03	7.58E-06	8.26E-06	4.56E-06	4.17E-06	1.6977E-03
607661.39	4201056.67	195436.6171	0.45185	0.48688	0.19147	0.17621	1.64E-03	7.10E-06	7.75E-06	4.88E-06	4.47E-06	1.6653E-03
607661.39	4201073.19	192188.1607	0.42275	0.45612	0.20377	0.18799	1.61E-03	6.64E-06	7.26E-06	5.19E-06	4.77E-06	1.6377E-03
607661.39	4201089.71	189281.0212	0.39528	0.42686	0.21569	0.19955	1.59E-03	6.21E-06	6.79E-06	5.49E-06	5.06E-06	1.6130E-03
607661.39	4201106.23	186560.5441	0.36942	0.39912	0.22717	0.21079	1.57E-03	5.80E-06	6.35E-06	5.79E-06	5.35E-06	1.5899E-03
607664.96	4201692.67	65558.24097	0.04954	0.05108	0.45433	0.43576	5.51E-04	7.78E-07	8.13E-07	1.16E-05	1.11E-05	5.7472E-04
607665.17	4201577.8	84142.02088	0.06681	0.06941	0.43833	0.42143	7.07E-04	1.05E-06	1.10E-06	1.12E-05	1.07E-05	7.3056E-04
607665.17	4201609.62	78161.2291	0.06096	0.06317	0.44384	0.42607	6.56E-04	9.57E-07	1.01E-06	1.13E-05	1.08E-05	6.8041E-04
607672.95	4201521.22	93887.03949	0.07863	0.08205	0.4055	0.39103	7.88E-04	1.24E-06	1.31E-06	1.03E-05	9.92E-06	8.1117E-04
607675.07	4201495.76	98720.67752	0.08486	0.08874	0.39217	0.37866	8.29E-04	1.33E-06	1.41E-06	9.99E-06	9.61E-06	8.5131E-04
607675.1	4201657.91	69338.61047	0.05414	0.05592	0.4314	0.41412	5.82E-04	8.50E-07	8.90E-07	1.10E-05	1.05E-05	6.0548E-04

607681.85	4202348.62	19110.8576	0.01551	0.01568	0.26397	0.25567	1.60E-04	2.44E-07	2.50E-07	6.72E-06	6.49E-06	1.7418E-04
607681.85	4202398.62	17651.92189	0.01448	0.01463	0.24119	0.23434	1.48E-04	2.27E-07	2.33E-07	6.14E-06	5.95E-06	1.6078E-04
607681.85	4202448.62	16409.50589	0.01361	0.01374	0.22033	0.21481	1.38E-04	2.14E-07	2.19E-07	5.61E-06	5.45E-06	1.4929E-04
607681.85	4202498.62	15296.75853	0.01282	0.01294	0.20037	0.19603	1.28E-04	2.01E-07	2.06E-07	5.10E-06	4.97E-06	1.3893E-04
607681.85	4202548.62	14290.05317	0.01211	0.01222	0.18128	0.17798	1.20E-04	1.90E-07	1.94E-07	4.62E-06	4.52E-06	1.2951E-04
607682.14	4201602.55	77051.10869	0.06253	0.06481	0.41174	0.3961	6.47E-04	9.82E-07	1.03E-06	1.05E-05	1.00E-05	6.6956E-04
607684.88	4201023.63	192647.4417	0.47667	0.50845	0.15574	0.14356	1.62E-03	7.49E-06	8.09E-06	3.97E-06	3.64E-06	1.6409E-03
607684.88	4201040.15	187704.4996	0.4476	0.47835	0.16666	0.15391	1.58E-03	7.03E-06	7.61E-06	4.25E-06	3.90E-06	1.5990E-03
607684.88	4201056.67	183757.322	0.4201	0.44965	0.17745	0.16424	1.54E-03	6.60E-06	7.15E-06	4.52E-06	4.17E-06	1.5655E-03
607684.88	4201073.19	180435.7154	0.3941	0.42233	0.18803	0.17445	1.52E-03	6.19E-06	6.72E-06	4.79E-06	4.43E-06	1.5373E-03
607684.88	4201089.71	177482.0321	0.36956	0.39637	0.19833	0.18447	1.49E-03	5.80E-06	6.31E-06	5.05E-06	4.68E-06	1.5122E-03
607684.88	4201106.23	174737.6704	0.34646	0.37177	0.20827	0.19423	1.47E-03	5.44E-06	5.92E-06	5.31E-06	4.93E-06	1.4889E-03
607687.16	4201688.32	64122.78869	0.05062	0.0522	0.41342	0.39764	5.38E-04	7.95E-07	8.31E-07	1.05E-05	1.01E-05	5.6069E-04
607689.92	4201541.02	86836.43171	0.07446	0.0775	0.38444	0.37112	7.29E-04	1.17E-06	1.23E-06	9.79E-06	9.42E-06	7.5079E-04
607691.99	4201650.19	68663.0138	0.0556	0.05745	0.4018	0.38653	5.77E-04	8.73E-07	9.14E-07	1.02E-05	9.81E-06	5.9840E-04
607694.87	4201484.45	96643.33956	0.0877	0.0917	0.35837	0.34654	8.12E-04	1.38E-06	1.46E-06	9.13E-06	8.79E-06	8.3229E-04
607700.53	4201594.06	75920.22167	0.06424	0.06659	0.38076	0.36703	6.38E-04	1.01E-06	1.06E-06	9.70E-06	9.31E-06	6.5859E-04
607708.37	4201023.63	182321.3798	0.44363	0.47059	0.14633	0.1356	1.53E-03	6.97E-06	7.49E-06	3.73E-06	3.44E-06	1.5526E-03
607708.37	4201040.15	177255.7242	0.4174	0.4435	0.15583	0.14468	1.49E-03	6.56E-06	7.06E-06	3.97E-06	3.67E-06	1.5097E-03
607708.37	4201056.67	173226.8614	0.3926	0.41773	0.16521	0.15371	1.45E-03	6.17E-06	6.65E-06	4.21E-06	3.90E-06	1.4755E-03
607708.4	4201680.6	63163.52146	0.05203	0.05367	0.37998	0.36634	5.30E-04	8.17E-07	8.54E-07	9.68E-06	9.29E-06	5.5104E-04
607715.16	4201646.81	66713.71032	0.0565	0.05837	0.36694	0.35388	5.60E-04	8.87E-07	9.29E-07	9.35E-06	8.98E-06	5.8035E-04
607715.38	4201481.62	92840.77272	0.08816	0.09211	0.33082	0.32029	7.80E-04	1.38E-06	1.47E-06	8.43E-06	8.13E-06	7.9900E-04
607716.09	4201541.02	82343.1548	0.07448	0.07745	0.34788	0.33641	6.91E-04	1.17E-06	1.23E-06	8.86E-06	8.53E-06	7.1125E-04
607720.33	4201594.77	73178.39965	0.06426	0.06657	0.35278	0.34061	6.14E-04	1.01E-06	1.06E-06	8.99E-06	8.64E-06	6.3419E-04
607731.85	4202348.62	19010.92609	0.01595	0.01614	0.2295	0.22304	1.60E-04	2.51E-07	2.57E-07	5.85E-06	5.66E-06	1.7165E-04
607731.85	4202398.62	17646.21887	0.01492	0.01508	0.21168	0.20626	1.48E-04	2.34E-07	2.40E-07	5.39E-06	5.23E-06	1.5928E-04
607731.85	4202448.62	16425.66357	0.01399	0.01413	0.19428	0.18986	1.38E-04	2.20E-07	2.25E-07	4.95E-06	4.82E-06	1.4814E-04
607731.85	4202498.62	15331.29435	0.01316	0.01328	0.17752	0.17401	1.29E-04	2.07E-07	2.11E-07	4.52E-06	4.41E-06	1.3809E-04
607731.85	4202548.62	14356.74502	0.01242	0.01253	0.16164	0.15893	1.21E-04	1.95E-07	1.99E-07	4.12E-06	4.03E-06	1.2910E-04
607733.02	4201646.81	64899.11826	0.05671	0.05857	0.34346	0.33177	5.45E-04	8.91E-07	9.32E-07	8.75E-06	8.42E-06	5.6396E-04
607733.02	4201674.32	61672.07454	0.05316	0.05483	0.34631	0.33464	5.18E-04	8.35E-07	8.72E-07	8.82E-06	8.49E-06	5.3689E-04
607737.3	4201483.03	88278.01911	0.08741	0.09119	0.3065	0.29707	7.41E-04	1.37E-06	1.45E-06	7.81E-06	7.54E-06	7.5945E-04
607748.62	4201581.33	71457.38149	0.06653	0.06892	0.31648	0.30627	6.00E-04	1.04E-06	1.10E-06	8.06E-06	7.77E-06	6.1801E-04
607751.45	4201596.89	69055.64523	0.06395	0.06618	0.31556	0.30536	5.80E-04	1.00E-06	1.05E-06	8.04E-06	7.75E-06	5.9771E-04
607754.26	4201674.32	59785.28649	0.05333	0.05497	0.32126	0.311	5.02E-04	8.38E-07	8.75E-07	8.18E-06	7.89E-06	5.1981E-04
607754.74	4201641.98	63319.19836	0.0575	0.05936	0.31754	0.3074	5.32E-04	9.03E-07	9.45E-07	8.09E-06	7.80E-06	5.4944E-04
607756.4	4201533.95	77104.72469	0.07544	0.07836	0.2999	0.29061	6.47E-04	1.18E-06	1.25E-06	7.64E-06	7.37E-06	6.6490E-04
607756.4	4201557.99	73672.66415	0.0707	0.07332	0.30445	0.29491	6.19E-04	1.11E-06	1.17E-06	7.76E-06	7.48E-06	6.3615E-04
607759.93	4201485.86	83706.94129	0.08611	0.0897	0.28518	0.27661	7.03E-04	1.35E-06	1.43E-06	7.26E-06	7.02E-06	7.1996E-04
607825.82	4201172.31	114374.7024	0.20523	0.2144	0.15671	0.15023	9.60E-04	3.22E-06	3.41E-06	3.99E-06	3.81E-06	9.7486E-04
607825.82	4201188.83	112214.2233	0.19517	0.20388	0.16121	0.15478	9.42E-04	3.07E-06	3.24E-06	4.11E-06	3.93E-06	9.5662E-04
607825.82	4201205.35	110056.4202	0.1857	0.19395	0.16561	0.15926	9.24E-04	2.92E-06	3.09E-06	4.22E-06	4.04E-06	9.3842E-04
607825.82	4201221.87	107893.7567	0.17676	0.18457	0.16995	0.16366	9.06E-04	2.78E-06	2.94E-06	4.33E-06	4.15E-06	9.2019E-04
607825.82	4201238.39	105717.9716	0.16833	0.17572	0.17423	0.168	8.88E-04	2.64E-06	2.80E-06	4.44E-06	4.26E-06	9.0187E-04
607849.31	4201172.31	108399.1671	0.19737	0.20557	0.14763	0.14181	9.10E-04	3.10E-06	3.27E-06	3.76E-06	3.60E-06	9.2397E-04
607849.31	4201188.83	106338.2626	0.188	0.1958	0.1518	0.14602	8.93E-04	2.95E-06	3.12E-06	3.87E-06	3.70E-06	9.0658E-04
607849.31	4201205.35	104284.8629	0.17915	0.18656	0.15589	0.15015	8.76E-04	2.81E-06	2.97E-06	3.97E-06	3.81E-06	8.8926E-04
607849.31	4201221.87	102240.9274	0.1708	0.17783	0.15992	0.15423	8.59E-04	2.68E-06	2.83E-06	4.07E-06	3.91E-06	8.7203E-04
607849.31	4201238.39	100197.8969	0.16291	0.16958	0.16389	0.15824	8.41E-04	2.56E-06	2.70E-06	4.17E-06	4.01E-06	8.5482E-04
607872.8	4201172.31	102888.1775	0.19005	0.1974	0.1395	0.13425	8.64E-04	2.99E-06	3.14E-06	3.55E-06	3.41E-06	8.7705E-04
607872.8	4201188.83	100925.9594	0.1813	0.18831	0.14336	0.13815	8.47E-04	2.85E-06	3.00E-06	3.65E-06	3.50E-06	8.6049E-04
607872.8	4201205.35	98979.81894	0.17302	0.17969	0.14716	0.14198	8.31E-04	2.72E-06	2.86E-06	3.75E-06	3.60E-06	8.4408E-04
607872.8	4201221.87	97045.56969	0.16519	0.17154	0.1509	0.14576	8.15E-04	2.59E-06	2.73E-06	3.84E-06	3.70E-06	8.2777E-04
607872.8	4201238.39	95118.33266	0.15778	0.16382	0.15458	0.14948	7.99E-04	2.48E-06	2.61E-06	3.94E-06	3.79E-06	8.1154E-04
608186.19	4200733.55	111759.0653	0.26362	0.26706	0.03408	0.03283	9.38E-04	4.14E-06	4.25E-06	8.68E-07	8.33E-07	9.4855E-04
608186.19	4200741.15	110766.152	0.2604	0.26385	0.03479	0.03351	9.30E-04	4.09E-06	4.20E-06	8.86E-07	8.50E-07	9.4014E-04
608186.19	4200748.75	109335.7559	0.25719	0.26065	0.0355	0.03421	9.18E-04	4.04E-06	4.15E-06	9.04E-07	8.68E-07	9.2807E-04
608186.19	4200756.35	107615.1341	0.254	0.25746	0.03623	0.03491	9.04E-04	3.99E-06	4.10E-06	9.23E-07	8.86E-07	9.1356E-04
608186.19	4200763.95	105715.1178	0.25081	0.25428	0.03696	0.03562	8.88E-04	3.94E-06	4.05E-06	9.42E-07	9.04E-07	8.9754E-04
608186.19	4200771.55	103717.5192	0.24763	0.25111	0.0377	0.03634	8.71E-04	3.89E-06	4.00E-06	9.60E-07	9.22E-07	8.8070E-04
608186.19	4200779.15	101693.3756	0.24446	0.24794	0.03845	0.03706	8.54E-04	3.84E-06	3.95E-06	9.79E-07	9.40E-07	8.6364E-04
608186.19	4200786.75	99684.30089	0.24131	0.2448	0.0392	0.03779	8.37E-04	3.79E-06	3.90E-06	9.99E-07	9.59E-07	8.4671E-04
608186.19	4200794.35	97735.66805	0.23818	0.24167	0.03996	0.03853	8.21E-04	3.74E-06	3.85E-06	1.02E-06	9.77E-07	8.3028E-04
608186.19	4200801.95	95865.06863	0.23508	0.23856	0.04072	0.03928	8.05E-04	3.69E-06	3.80E-06	1.04E-06	9.97E-07	8.1452E-04
608186.19	4200809.55	94057.33373	0.23199	0.23547	0.0415	0.04003	7.90E-04	3.64E-06	3.75E-06	1.06E-06	1.02E-06	7.9928E-04
608186.19	4200817.15	92328.90918	0.22892	0.2324	0.04227	0.04079	7.75E-04	3.60E-06	3.70E-06	1.08E-06	1.03E-06	7.8470E-04
608186.19	4200824.75	90677.22793	0.22588	0.22936	0.04306	0.04155	7.61E-04	3.55E-06	3.65E-06	1.10E-06	1.05E-06	7.7078E-04
608186.19	4200832.35	89104.48576	0.22286	0.22633	0.04384	0.04232	7.48E-04	3.50E-06	3.60E-06	1.12E-06	1.07E-06	7.5752E-04
608186.19	4200839.95	87606.27468	0.21987	0.22333	0.04463	0.0431	7.36E-04	3.45E-06	3.55E-06	1.14E-06	1.09E-06	7.4488E-04
608186.19	4200847.55	86184.62455	0.21691	0.22036	0.04542	0.04387	7.24E-04	3.41E-06	3.51E-06	1.16E-06	1.11E-06	7.3289E-04
608186.19	4200855.15	84836.8288	0.21397	0.21741	0.04622	0.04465	7.12E-04	3.36E-06	3.46E-06	1.18E-06	1.13E-06	7.2152E-04
608186.19	4200862.75	83551.77548	0.21106	0.21449	0.04702	0.04544	7.02E-04	3.32E-06	3.41E-06	1.20E-06	1.15E-06	7.1068E-04
608186.19	4200870.35	82327.95163	0.20818	0.2116	0.04782	0.04623	6.91E-04	3.27E-06	3.37E-06	1.22E-06	1.17E-06	7.0035E-04
608193.06	4200733.55	105956.5668	0.25862	0.26198	0.03401	0.03278	8.90E-04	4.06E-06	4.17E-06	8.66E-07	8.32E-07	8.9966E-04
608193.06	4200741.15	105274.3038	0.25551	0.25888	0.03471	0.03345	8.84E-04	4.01E-06	4.12E-06	8.84E-07	8.49E-07	8.9387E-04
608193.06	4200748.75	104179.0156	0.2524	0.25578	0.03542	0.03414	8.75E-04	3.96E-06	4.07E-06	9.02E-07	8.66E-07	8.8461E-04
608193.06	4200756.35	102831.2489	0.2493	0.25269	0.03613	0.03483	8.63E-04	3.92E-06	4.02E-06	9.20E-07	8.84E-07	8.7323E-04
608193.06	4200763.95	101315.2992	0.24621	0.2496	0.03686	0.03553	8.51E-04	3.87E-06	3.97E-06	9.39E-07	9.01E-07	8.6044E-04
608193.06	4200771.55	99689.64399	0.24313	0.24653	0.03759	0.03624	8.37E-04	3.82E-06	3.92E-06	9.58E-07	9.19E-07	8.4673E-04
608193.06	4200779.15	97996.90772	0.24007	0.24347	0.03833	0.03696	8.23E-04	3.77E-06	3.87E-06	9.76E-07	9.38E-07	8.3245E-04
608193.06	4200786.75	96289.46234	0.23701	0.24041	0.03907	0.03768	8.09E-04	3.72E-06	3.83E-06	9.95E-07	9.56E-07	8.1806E-04
608193.06	4200794.35	94609.45213	0.23397	0.23738	0.03982	0.03841	7.94E-04	3.67E-06	3.78E-06	1.01E-06	9.74E-07	8.0389E-04
608193.06	4200801.95	92963.9349	0.23096	0.23436	0.04058	0.03915	7.81E-04	3.63E-06	3.73E-06	1.03E-06	9.93E-07	7.9002E-04
608193.06	4200809.55	91361.61274	0.22796	0.23136	0.04134	0.03989	7.67E-04	3.58E-06	3.68E-06	1.05E-06	1.01E-06	7.7650E-04
608193.06	4200817.15	89822.59853	0.22498	0.22838	0.0421	0.04064	7.54E-04	3.53E-06	3.63E-06	1.07E-06	1.03E-06	7.6353E-04
608193.06	4200824.75	88351.26369	0.22203	0.22543	0.04287	0.04139	7.42E-04	3.49E-06	3.59E-06	1.09E-06	1.05E-06	7.5112E-04
608193.06	4200832.35	86934.82857	0.2191	0.22249	0.04365	0.04215	7.30E-04	3.44E-06	3.54E-06	1.11E-06	1.07E-06	7.3917E-04
608193.06	4200839.95	85569.85918	0.21619	0.21958	0.04442	0.04291	7.19E-04	3.40E-06	3.49E-06	1.13E-06	1.09E-06	7.2765E-04
608193.06	4200847.55	84266.20046	0.21331	0.21669	0.04521	0.04368	7.08E-04	3.35E-06	3.45E-06	1.15E-06	1.11E-06	7.1665E-04
608193.06	4200855.15	83022.46384	0.21046	0.21382	0.04599	0.04445	6.97E-04	3.31E-06	3.40E-06	1.17E-06	1.13E-06	7.0616E-04
608193.06	4200862.75	81837.52549	0.20763	0.21098	0.04678	0.04522	6.87E-04	3.26E-06	3.36E-06	1.19E-06	1.15E-06	6.9616E-04
608193.06	4200870.35	80702.00506	0.20483	0.20817	0.04757	0.046	6.78E-04	3.22E-06	3.31E-06	1.21E-06	1.17E-06	6.8658E-04
608199.93	4200733.55	100931.963	0.25375	0.25703	0.03394	0.03273	8.48E-04	3.99E-06	4.09E-06	8.65E-07	8.30E-07	8.5731E-04
608199.93	4200741.15	100458.7215	0.25074	0.25403	0.03464	0.0334	8.44E-04	3.94E-06	4.04E-06	8.82E-07	8.47E-07	8.5328E-04
608199.93	4200748.75	99617.925	0.24773	0.25103	0.03533	0.03407	8.37E-04	3.89E-06	3.99E-06	9.00E-07	8.64E-07	8.4616E-04
608199.93	4200756.35	98555.34434	0.24473	0.24804	0.03604	0.03476	8.28E-04	3.84E-06	3.95E-06	9.18E-07	8.82E-07	8.3717E-04
608199.93	4200763.95	97335.39379	0.24174	0.24505	0.03676	0.03545	8.17E-04	3.80E-06	3.90E-06	9.36E-07	8.99E-07	8.2687E-04
608199.93	4200771.55	95994.1309	0.23875	0.24207	0.03748	0.03615	8.06E-04	3.75E-06	3.85E-06	9.55E-07	9.17E-07	8.1555E-04
608199.93	4200779.15	94572.90347	0.23578	0.2391	0.03821	0.03685	7.94E-04	3.70E-06	3.80E-06	9.73E-07	9.35E-07	8.0356E-04
608199.93	4200786.75	93122.86771	0.23282	0.23614	0.03894	0.03757	7.82E-04	3.66E-06	3.76E-06	9.92E-07	9.53E-07	7.9133E-04
608199.93	4200794.35	91668.38169	0.22987	0.2332	0.03968	0.03829	7.70E-04	3.61E-06	3.71E-06	1.01E-06	9.71E-07	7.7906E-04
608199.93	4200801.95	90227.9348	0.22694	0.23027	0.04042	0.03902	7.58E-04	3.56E-06	3.66E-06	1.03E-06	9.90E-07	7.6691E-04
608199.93	4200809.55	88811.39003	0.22402	0.22735	0.04117	0.03975	7.46E-04	3.52E-06	3.62E-06	1.05E-06	1.01E-06	7.5496E-04
608199.93	4200817.15	87438.67972	0.22113	0.22446	0.04193	0.04049	7.34E-04	3.47E-06	3.57E-06	1.07E-06	1.03E-06	7.4338E-04
608199.93	4200824.75	86114.25375	0.21827	0.22159	0.04269	0.04123	7.23E-04	3.43E-06	3.53E-06	1.09E-06	1.05E-06	7.3220E-04
608199.93	4200832.35	84841.59064	0.21543	0.21874	0.04345	0.04198	7.12E-04	3.38E-06	3.48E-06	1.11E-06	1.07E-06	7.2146E-04
608199.93	4200839.95	83603.48968	0.2126	0.21591	0.04422	0.04273	7.02E-04	3.34E-06	3.44E-06	1.13E-06	1.08E-06	7.1102E-04
608199.93	4200847.55	82412.25504	0.2098	0.2131	0.04499	0.04348	6.92E-04	3.30E-06	3.39E-06	1.15E-06	1.10E-06	7.0096E-04
608199.93	4200855.15	81267.18234	0.20703	0.21031	0.04576	0.04424	6.82E-04	3.25E-06	3.35E-06	1.17E-06	1.12E-06	6.9130E-04
608199.93	4200862.75	80170.39551	0.20428	0.20755	0.04654	0.045	6.73E-04	3.21E-06	3.30E-06	1.19E-06	1.14E-06	6.8204E-04
608199.93	4200870.35	79118.84715	0.20155	0.20482	0.04732	0.04577	6.64E-04	3.17E-06	3.26E-06	1.21E-06	1.16E-06	6.7316E-04
608206.8	4200733.55	96529.89102	0.24901	0.25222	0.03388	0.03267	8.11E-04	3.91E-06	4.01E-06	8.63E-07	8.29E-07	8.2019E-04
608206.8	4200741.15	96203.6821	0.2461	0.24932	0.03456	0.03333	8.08E-04	3.87E-06	3.97E-06	8.80E-07	8.46E-07	8.1740E-04
608206.8	4200748.75	95561.49958	0.24318	0.24641	0.03525	0.034	8.02E-04	3.82E-06	3.92E-06	8.98E-07	8.63E-07	8.1195E-04
608206.8	4200756.35	94704.21069	0.24027	0.24351	0.03595	0.03468	7.95E-04	3.77E-06	3.87E-06	9.16E-07	8.80E-07	8.0469E-04
608206.8	4200763.95	93704.83585	0.23737	0.24061	0.03665	0.03536	7.87E-04	3.73E-06	3.83E-06	9.34E-07	8.97E-07	7.9624E-04
608206.8	4200771.55	92596.252	0.23448	0.23773	0.03737	0.03606	7.78E-04	3.68E-06	3.78E-06	9.52E-07	9.15E-07	7.8688E-04
608206.8	4200779.15	91402.20475	0.2316	0.23485	0.03808	0.03676	7.68E-04	3.64E-06	3.74E-06	9.70E-07	9.33E-07	7.7680E-04
608206.8	4200786.75	90162.88087	0.22872	0.23197	0.03881	0.03746	7.57E-04	3.59E-06	3.69E-06	9.89E-07	9.50E-07	7.6633E-04
608206.8	4200794.35	88905.46336	0.22586	0.22912	0.03954	0.03817	7.47E-04	3.55E-06	3.65E-06	1.01E-06	9.68E-07	7.5572E-04
608206.8	4200801.95	87646.75224	0.22302	0.22627	0.04027	0.03889	7.36E-04	3.50E-06	3.60E-06	1.03E-06	9.87E-07	7.4510E-04
608206.8	4200809.55	86399.99286	0.22019	0.22344	0.04101	0.03961	7.26E-04	3.46E-06	3.56E-06	1.04E-06	1.00E-06	7.3458E-04
608206.8	4200817.15	85175.1093	0.21738	0.22063	0.04176	0.04034	7.15E-04	3.41E-06	3.51E-06	1.06E-06	1.02E-06	7.2424E-04
608206.8	4200824.75	83978.26278	0.21459	0.21784	0.04251	0.04107	7.05E-04	3.37E-06	3.47E-06	1.08E-06	1.04E-06	7.1414E-04
608206.8	4200832.35	82826.18306	0.21183	0.21507	0.04326	0.0418	6.96E-04	3.33E-06	3.42E-06	1.10E-06	1.06E-06	7.0442E-04
608206.8	4200839.95	81708.81187	0.20909	0.21232	0.04401	0.04254	6.86E-04	3.28E-06	3.38E-06	1.12E-06	1.08E-06	6.9498E-04
608206.8	4200847.55	80622.18623	0.20637	0.20959	0.04477	0.04329	6.77E-04	3.24E-06	3.33E-06	1.14E-06	1.10E-06	6.8581E-04
608206.8	4200855.15	79569.19299	0.20367	0.20688	0.04554	0.04404	6.68E-04	3.20E-06	3.29E-06	1.16E-06	1.12E-06	6.7692E-04
608206.8	4200862.75	78554.65283	0.201	0.2042	0.0463	0.04479	6.60E-04	3.16E-06	3.25E-06	1.18E-06	1.14E-06	6.6836E-04
608206.8	4200870.35	77579.52138	0.19835	0.20154	0.04707	0.04554	6.51E-04	3.12E-06	3.21E-06	1.20E-06	1.16E-06	6.6012E-04
608213.67	4200733.55	92638.27866	0.2444	0.24754	0.03381	0.03261	7.78E-04	3.84E-06	3.94E-06	8.61E-07	8.27E-07	7.8736E-04
608213.67	4200741.15	92417.57145	0.24158	0.24473	0.03448	0.03327	7.76E-04	3.79E-06	3.89E-06	8.78E-07	8.44E-07	7.8546E-04
608213.67	4200748.75	91914.11623	0.23875	0.24191	0.03516	0.03393	7.72E-04	3.75E-06	3.85E-06	8.96E-07	8.61E-07	7.8117E-04
608213.67	4200756.35	91219.92138	0.23593	0.23909	0.03585	0.0346	7.66E-04	3.71E-06	3.80E-06	9.13E-07	8.78E-07	7.7529E-04
608213.67	4200763.95	90389.71892	0.23312	0.23629	0.03655	0.03528	7.59E-04	3.66E-06	3.76E-06	9.31E-07	8.95E-07	7.6826E-04
608213.67	4200771.55	89463.81888	0.23032	0.23349	0.03725	0.03596	7.51E-04	3.62E-06	3.72E-06	9.49E-07	9.12E-07	7.6044E-04
608213.67	4200779.15	88456.60944	0.22757	0.23069	0.03796	0.03665	7.43E-04	3.57E-06	3.67E-06	9.67E-07	9.30E-07	7.5192E-04
608213.67	4200786.75	87397.69597	0.22473	0.22791	0.03868	0.03735	7.34E-04	3.53E-06	3.63E-06	9.85E-07	9.48E-07	7.4298E-04
608213.67	4200794.35	86311.38605	0.22196	0.22514	0.0394	0.03805	7.25E-04	3.49E-06	3.58E-06	1.00E-06	9.65E-07	7.3381E-04
608213.67	4200801.95	85209.73471	0.2192	0.22237	0.04012	0.03876	7.16E-04	3.44E-06	3.54E-06	1.02E-06	9.83E-07	7.2451E-04
608213.67	4200809.55	84108.80096	0.21645	0.21963	0.04085	0.03947	7.06E-04	3.40E-06	3.49E-06	1.04E-06	1.00E-06	7.1521E-04
608213.67	4200817.15	83018.09029	0.21372	0.2169	0.04159	0.04019	6.97E-04	3.36E-06	3.45E-06	1.06E-06	1.02E-06	7.0600E-04
608213.67	4200824.75	81944.5248	0.21101	0.21418	0.04232	0.04091	6.88E-04	3.31E-06	3.41E-06	1.08E-06	1.04E-06	6.9694E-04
608213.67	4200832.35	80895.71924	0.20832	0.21149	0.04307	0.04164	6.79E-04	3.27E-06	3.37E-06	1.10E-06	1.06E-06	6.8808E-04
608213.67	4200839.95	79883.07034	0.20566	0.20882	0.04381	0.04237	6.71E-04	3.23E-06	3.32E-06	1.12E-06	1.07E-06	6.7953E-04

608213.67	4200847.55	78894.62198	0.20302	0.20616	0.04456	0.0431	6.62E-04	3.19E-06	3.28E-06	1.14E-06	1.09E-06	6.7119E-04
608213.67	4200855.15	77926.89193	0.20039	0.20353	0.04531	0.04384	6.54E-04	3.15E-06	3.24E-06	1.15E-06	1.11E-06	6.6302E-04
608213.67	4200862.75	76990.14052	0.19779	0.20092	0.04606	0.04458	6.46E-04	3.11E-06	3.20E-06	1.17E-06	1.13E-06	6.5511E-04
608213.67	4200870.35	76083.83103	0.19521	0.19833	0.04682	0.04532	6.39E-04	3.07E-06	3.16E-06	1.19E-06	1.15E-06	6.4745E-04
608220.54	4200733.55	89162.45266	0.23991	0.24297	0.03373	0.03256	7.49E-04	3.77E-06	3.87E-06	8.59E-07	8.26E-07	7.5803E-04
608220.54	4200741.15	89013.93429	0.23718	0.24025	0.0344	0.0332	7.47E-04	3.73E-06	3.82E-06	8.76E-07	8.42E-07	7.5673E-04
608220.54	4200748.75	88624.64818	0.23444	0.23752	0.03508	0.03386	7.44E-04	3.68E-06	3.78E-06	8.94E-07	8.59E-07	7.5341E-04
608220.54	4200756.35	88057.2477	0.2317	0.23479	0.03576	0.03452	7.39E-04	3.64E-06	3.74E-06	9.11E-07	8.76E-07	7.4859E-04
608220.54	4200763.95	87361.67552	0.22897	0.23207	0.03645	0.03519	7.34E-04	3.60E-06	3.69E-06	9.29E-07	8.93E-07	7.4270E-04
608220.54	4200771.55	86575.7011	0.22625	0.22935	0.03714	0.03586	7.27E-04	3.55E-06	3.65E-06	9.46E-07	9.10E-07	7.3605E-04
608220.54	4200779.15	85714.97076	0.22354	0.22664	0.03784	0.03655	7.20E-04	3.51E-06	3.61E-06	9.64E-07	9.27E-07	7.2877E-04
608220.54	4200786.75	84807.55874	0.22083	0.22394	0.03854	0.03723	7.12E-04	3.47E-06	3.56E-06	9.82E-07	9.45E-07	7.2110E-04
608220.54	4200794.35	83873.06017	0.21814	0.22125	0.03926	0.03793	7.04E-04	3.43E-06	3.52E-06	1.00E-06	9.62E-07	7.1320E-04
608220.54	4200801.95	82909.993	0.21546	0.21857	0.03997	0.03863	6.96E-04	3.38E-06	3.48E-06	1.02E-06	9.80E-07	7.0507E-04
608220.54	4200809.55	81936.35822	0.2128	0.2159	0.04069	0.03933	6.88E-04	3.34E-06	3.44E-06	1.04E-06	9.98E-07	6.9684E-04
608220.54	4200817.15	80964.21719	0.21015	0.21325	0.04141	0.04004	6.80E-04	3.30E-06	3.39E-06	1.05E-06	1.02E-06	6.8863E-04
608220.54	4200824.75	80000.63817	0.20751	0.21061	0.04214	0.04075	6.72E-04	3.26E-06	3.35E-06	1.07E-06	1.03E-06	6.8050E-04
608220.54	4200832.35	79048.70098	0.2049	0.20799	0.04287	0.04147	6.64E-04	3.22E-06	3.31E-06	1.09E-06	1.05E-06	6.7246E-04
608220.54	4200839.95	78129.91821	0.20231	0.20539	0.04361	0.04219	6.56E-04	3.18E-06	3.27E-06	1.11E-06	1.07E-06	6.6470E-04
608220.54	4200847.55	77227.01365	0.19974	0.20281	0.04435	0.04291	6.48E-04	3.14E-06	3.23E-06	1.13E-06	1.09E-06	6.5707E-04
608220.54	4200855.15	76340.03198	0.19718	0.20025	0.04509	0.04364	6.41E-04	3.10E-06	3.19E-06	1.15E-06	1.11E-06	6.4958E-04
608220.54	4200862.75	75475.08913	0.19465	0.19771	0.04583	0.04437	6.34E-04	3.06E-06	3.15E-06	1.17E-06	1.13E-06	6.4227E-04
608220.54	4200870.35	74634.79925	0.19214	0.19519	0.04657	0.0451	6.27E-04	3.02E-06	3.11E-06	1.19E-06	1.14E-06	6.3517E-04
608227.41	4200733.55	86026.15981	0.23553	0.23853	0.03367	0.0325	7.22E-04	3.70E-06	3.80E-06	8.58E-07	8.25E-07	7.3155E-04
608227.41	4200741.15	85930.68958	0.23289	0.23589	0.03432	0.03314	7.22E-04	3.66E-06	3.75E-06	8.74E-07	8.41E-07	7.3070E-04
608227.41	4200748.75	85633.31648	0.23024	0.23325	0.03499	0.03379	7.19E-04	3.62E-06	3.71E-06	8.91E-07	8.57E-07	7.2815E-04
608227.41	4200756.35	85173.25771	0.22758	0.23061	0.03566	0.03444	7.15E-04	3.57E-06	3.67E-06	9.08E-07	8.74E-07	7.2424E-04
608227.41	4200763.95	84589.3499	0.22493	0.22796	0.03634	0.0351	7.10E-04	3.53E-06	3.63E-06	9.26E-07	8.90E-07	7.1929E-04
608227.41	4200771.55	83917.21421	0.22229	0.22532	0.03703	0.03577	7.05E-04	3.49E-06	3.59E-06	9.43E-07	9.07E-07	7.1359E-04
608227.41	4200779.15	83173.74353	0.21965	0.22269	0.03772	0.03644	6.98E-04	3.45E-06	3.54E-06	9.61E-07	9.24E-07	7.0730E-04
608227.41	4200786.75	82389.87764	0.21703	0.22007	0.03841	0.03712	6.92E-04	3.41E-06	3.50E-06	9.78E-07	9.42E-07	7.0067E-04
608227.41	4200794.35	81575.423	0.21442	0.21746	0.03911	0.0378	6.85E-04	3.37E-06	3.46E-06	9.96E-07	9.59E-07	6.9378E-04
608227.41	4200801.95	80736.97037	0.21182	0.21486	0.03982	0.03849	6.78E-04	3.33E-06	3.42E-06	1.01E-06	9.76E-07	6.8670E-04
608227.41	4200809.55	79876.98205	0.20923	0.21227	0.04053	0.03919	6.71E-04	3.29E-06	3.38E-06	1.03E-06	9.94E-07	6.7943E-04
608227.41	4200817.15	79009.31478	0.20665	0.20969	0.04124	0.03989	6.63E-04	3.25E-06	3.34E-06	1.05E-06	1.01E-06	6.7210E-04
608227.41	4200824.75	78143.71981	0.20409	0.20712	0.04196	0.04059	6.56E-04	3.21E-06	3.30E-06	1.07E-06	1.03E-06	6.6478E-04
608227.41	4200832.35	77285.21606	0.20155	0.20457	0.04268	0.0413	6.49E-04	3.17E-06	3.26E-06	1.09E-06	1.05E-06	6.5753E-04
608227.41	4200839.95	76443.81236	0.19903	0.20205	0.04341	0.04201	6.42E-04	3.13E-06	3.22E-06	1.11E-06	1.07E-06	6.5042E-04
608227.41	4200847.55	75618.24801	0.19653	0.19954	0.04413	0.04272	6.35E-04	3.09E-06	3.18E-06	1.12E-06	1.08E-06	6.4345E-04
608227.41	4200855.15	74807.02142	0.19405	0.19705	0.04486	0.04344	6.28E-04	3.05E-06	3.14E-06	1.14E-06	1.10E-06	6.3659E-04
608227.41	4200862.75	74008.91949	0.19159	0.19457	0.04559	0.04416	6.21E-04	3.01E-06	3.10E-06	1.16E-06	1.12E-06	6.2985E-04
608227.41	4200870.35	73229.66258	0.18914	0.19212	0.04633	0.04488	6.15E-04	2.97E-06	3.06E-06	1.18E-06	1.14E-06	6.2327E-04
608234.28	4200741.15	83121.99098	0.2287	0.23164	0.03425	0.03307	6.98E-04	3.59E-06	3.69E-06	8.72E-07	8.39E-07	7.0698E-04
608234.28	4200748.75	82893.07732	0.22613	0.22908	0.03491	0.03371	6.96E-04	3.55E-06	3.65E-06	8.89E-07	8.55E-07	7.0501E-04
608234.28	4200756.35	82518.7857	0.22356	0.22652	0.03557	0.03436	6.93E-04	3.51E-06	3.60E-06	9.06E-07	8.72E-07	7.0182E-04
608234.28	4200763.95	82034.84545	0.221	0.22396	0.03624	0.03501	6.89E-04	3.47E-06	3.56E-06	9.23E-07	8.88E-07	6.9771E-04
608234.28	4200771.55	81462.48944	0.21843	0.2214	0.03692	0.03567	6.84E-04	3.43E-06	3.52E-06	9.40E-07	9.05E-07	6.9285E-04
608234.28	4200779.15	80824.83498	0.21587	0.21884	0.0376	0.03633	6.79E-04	3.39E-06	3.48E-06	9.58E-07	9.22E-07	6.8745E-04
608234.28	4200786.75	80138.32774	0.21332	0.21629	0.03828	0.037	6.73E-04	3.35E-06	3.44E-06	9.75E-07	9.39E-07	6.8164E-04
608234.28	4200794.35	79417.93319	0.21078	0.21375	0.03898	0.03768	6.67E-04	3.31E-06	3.40E-06	9.93E-07	9.56E-07	6.7555E-04
608234.28	4200801.95	78686.05028	0.20826	0.21123	0.03967	0.03836	6.61E-04	3.27E-06	3.36E-06	1.01E-06	9.73E-07	6.6935E-04
608234.28	4200809.55	77924.82199	0.20575	0.20872	0.04037	0.03905	6.54E-04	3.23E-06	3.32E-06	1.03E-06	9.91E-07	6.6292E-04
608234.28	4200817.15	77151.18761	0.20324	0.20621	0.04108	0.03974	6.48E-04	3.19E-06	3.28E-06	1.05E-06	1.01E-06	6.5638E-04
608234.28	4200824.75	76370.38959	0.20075	0.20371	0.04178	0.04043	6.41E-04	3.15E-06	3.24E-06	1.06E-06	1.03E-06	6.4978E-04
608234.28	4200832.35	75593.62651	0.19828	0.20124	0.04249	0.04113	6.35E-04	3.11E-06	3.20E-06	1.08E-06	1.04E-06	6.4321E-04
608234.28	4200839.95	74822.80208	0.19583	0.19877	0.04321	0.04183	6.28E-04	3.08E-06	3.16E-06	1.10E-06	1.06E-06	6.3670E-04
608234.28	4200847.55	74066.36741	0.19339	0.19633	0.04392	0.04253	6.22E-04	3.04E-06	3.12E-06	1.12E-06	1.08E-06	6.3031E-04
608234.28	4200855.15	73324.10159	0.19098	0.19391	0.04464	0.04324	6.16E-04	3.00E-06	3.09E-06	1.14E-06	1.10E-06	6.2403E-04
608234.28	4200862.75	72590.25011	0.18858	0.1915	0.04536	0.04395	6.10E-04	2.96E-06	3.05E-06	1.16E-06	1.12E-06	6.1783E-04
608234.28	4200870.35	71869.36384	0.18621	0.18912	0.04608	0.04466	6.03E-04	2.92E-06	3.01E-06	1.17E-06	1.13E-06	6.1174E-04
608240.38	4200722.19	80603.87685	0.2313	0.23416	0.03258	0.03146	6.77E-04	3.63E-06	3.73E-06	8.30E-07	7.98E-07	6.8583E-04
608240.73	4200729.53	80699.30636	0.22868	0.23155	0.03319	0.03205	6.78E-04	3.59E-06	3.68E-06	8.45E-07	8.13E-07	6.8658E-04
608241.15	4200741.15	80560.20578	0.22462	0.2275	0.03417	0.033	6.76E-04	3.53E-06	3.62E-06	8.70E-07	8.37E-07	6.8533E-04
608241.15	4200748.75	80375.55883	0.22213	0.22501	0.03482	0.03364	6.75E-04	3.49E-06	3.58E-06	8.87E-07	8.53E-07	6.8374E-04
608241.15	4200756.35	80070.19638	0.21964	0.22253	0.03547	0.03427	6.72E-04	3.45E-06	3.54E-06	9.04E-07	8.69E-07	6.8113E-04
608241.15	4200763.95	79670.48242	0.21715	0.22005	0.03614	0.03492	6.69E-04	3.41E-06	3.50E-06	9.21E-07	8.86E-07	6.7772E-04
608241.15	4200771.55	79185.98984	0.21467	0.21757	0.0368	0.03557	6.65E-04	3.37E-06	3.46E-06	9.37E-07	9.02E-07	6.7361E-04
608241.15	4200779.15	78633.97299	0.21218	0.21509	0.03748	0.03623	6.60E-04	3.33E-06	3.42E-06	9.55E-07	9.19E-07	6.6893E-04
608241.15	4200786.75	78032.1724	0.20971	0.21261	0.03816	0.03689	6.55E-04	3.29E-06	3.38E-06	9.72E-07	9.36E-07	6.6383E-04
608241.15	4200794.35	77398.97744	0.20724	0.21014	0.03884	0.03756	6.50E-04	3.26E-06	3.34E-06	9.89E-07	9.53E-07	6.5847E-04
608241.15	4200801.95	76749.28477	0.20479	0.20769	0.03952	0.03823	6.44E-04	3.22E-06	3.30E-06	1.01E-06	9.70E-07	6.5297E-04
608241.15	4200809.55	76073.60921	0.20235	0.20525	0.04021	0.03891	6.39E-04	3.18E-06	3.27E-06	1.02E-06	9.87E-07	6.4726E-04
608241.15	4200817.15	75380.63245	0.19991	0.20281	0.04091	0.03959	6.33E-04	3.14E-06	3.23E-06	1.04E-06	1.00E-06	6.4140E-04
608241.15	4200824.75	74678.83328	0.19749	0.20039	0.0416	0.04027	6.27E-04	3.10E-06	3.19E-06	1.06E-06	1.02E-06	6.3546E-04
608241.15	4200832.35	73975.032	0.19509	0.19798	0.0423	0.04096	6.21E-04	3.06E-06	3.15E-06	1.08E-06	1.04E-06	6.2951E-04
608241.15	4200839.95	73271.34004	0.1927	0.19558	0.04301	0.04165	6.15E-04	3.03E-06	3.11E-06	1.10E-06	1.06E-06	6.2356E-04
608241.15	4200847.55	72575.73235	0.19033	0.1932	0.04371	0.04234	6.09E-04	2.99E-06	3.07E-06	1.11E-06	1.07E-06	6.1768E-04
608241.15	4200855.15	71889.10315	0.18798	0.19084	0.04442	0.04304	6.04E-04	2.95E-06	3.04E-06	1.13E-06	1.09E-06	6.1188E-04
608241.15	4200862.75	71215.68103	0.18565	0.1885	0.04513	0.04374	5.98E-04	2.92E-06	3.00E-06	1.15E-06	1.11E-06	6.0618E-04
608241.15	4200870.35	70548.55577	0.18334	0.18618	0.04584	0.04444	5.92E-04	2.88E-06	2.96E-06	1.17E-06	1.13E-06	6.0054E-04
608248.02	4200741.15	78214.06233	0.22065	0.22346	0.03409	0.03293	6.57E-04	3.47E-06	3.56E-06	8.68E-07	8.35E-07	6.6550E-04
608248.02	4200748.75	78063.97645	0.21823	0.22105	0.03473	0.03356	6.56E-04	3.43E-06	3.52E-06	8.85E-07	8.51E-07	6.6420E-04
608248.02	4200756.35	77814.15353	0.21582	0.21864	0.03538	0.03419	6.53E-04	3.39E-06	3.48E-06	9.01E-07	8.67E-07	6.6205E-04
608248.02	4200763.95	77478.06936	0.21341	0.21624	0.03603	0.03483	6.51E-04	3.35E-06	3.44E-06	9.18E-07	8.84E-07	6.5919E-04
608248.02	4200771.55	77063.68932	0.21099	0.21383	0.03669	0.03547	6.47E-04	3.31E-06	3.40E-06	9.35E-07	9.00E-07	6.5567E-04
608248.02	4200779.15	76583.97593	0.20858	0.21142	0.03736	0.03612	6.43E-04	3.28E-06	3.36E-06	9.52E-07	9.16E-07	6.5160E-04
608248.02	4200786.75	76056.09245	0.20618	0.20902	0.03803	0.03678	6.39E-04	3.24E-06	3.33E-06	9.69E-07	9.33E-07	6.4712E-04
608248.02	4200794.35	75497.33769	0.20378	0.20662	0.0387	0.03743	6.34E-04	3.20E-06	3.29E-06	9.86E-07	9.50E-07	6.4239E-04
608248.02	4200801.95	74914.864	0.20139	0.20423	0.03938	0.0381	6.29E-04	3.16E-06	3.25E-06	1.00E-06	9.67E-07	6.3745E-04
608248.02	4200809.55	74313.54242	0.19902	0.20186	0.04006	0.03877	6.24E-04	3.13E-06	3.21E-06	1.02E-06	9.84E-07	6.3236E-04
608248.02	4200817.15	73693.31097	0.19666	0.19949	0.04074	0.03944	6.19E-04	3.09E-06	3.17E-06	1.04E-06	1.00E-06	6.2712E-04
608248.02	4200824.75	73061.45304	0.1943	0.19714	0.04143	0.04011	6.14E-04	3.05E-06	3.14E-06	1.06E-06	1.02E-06	6.2177E-04
608248.02	4200832.35	72422.87806	0.19196	0.19479	0.04212	0.04079	6.08E-04	3.02E-06	3.10E-06	1.07E-06	1.03E-06	6.1637E-04
608248.02	4200839.95	71782.7679	0.18964	0.19246	0.04282	0.04147	6.03E-04	2.98E-06	3.06E-06	1.09E-06	1.05E-06	6.1095E-04
608248.02	4200847.55	71142.57717	0.18733	0.19014	0.04351	0.04216	5.97E-04	2.94E-06	3.03E-06	1.11E-06	1.07E-06	6.0554E-04
608248.02	4200855.15	70509.28278	0.18504	0.18784	0.04421	0.04284	5.92E-04	2.91E-06	2.99E-06	1.13E-06	1.09E-06	6.0019E-04
608248.02	4200862.75	69884.56999	0.18277	0.18556	0.04491	0.04353	5.87E-04	2.87E-06	2.95E-06	1.14E-06	1.10E-06	5.9490E-04
608248.02	4200870.35	69268.06398	0.18052	0.1833	0.0456	0.04422	5.82E-04	2.84E-06	2.92E-06	1.16E-06	1.12E-06	5.8969E-04
608248.07	4200730.93	78185.76283	0.22387	0.22667	0.03323	0.0321	6.57E-04	3.52E-06	3.61E-06	8.46E-07	8.14E-07	6.6532E-04
608248.42	4200723.59	77890.02138	0.22599	0.22877	0.03262	0.03151	6.54E-04	3.55E-06	3.64E-06	8.31E-07	7.99E-07	6.6287E-04
608254.89	4200741.15	76051.99274	0.21678	0.21953	0.034	0.03287	6.39E-04	3.40E-06	3.49E-06	8.66E-07	8.34E-07	6.4722E-04
608254.89	4200748.75	75934.16395	0.21443	0.21719	0.03464	0.03349	6.38E-04	3.37E-06	3.46E-06	8.82E-07	8.50E-07	6.4619E-04
608254.89	4200756.35	75724.58684	0.21209	0.21485	0.03528	0.03411	6.36E-04	3.33E-06	3.42E-06	8.99E-07	8.65E-07	6.4438E-04
608254.89	4200763.95	75436.55937	0.20975	0.21252	0.03593	0.03474	6.33E-04	3.29E-06	3.38E-06	9.15E-07	8.81E-07	6.4192E-04
608254.89	4200771.55	75080.61973	0.20741	0.21018	0.03658	0.03538	6.30E-04	3.26E-06	3.34E-06	9.32E-07	8.98E-07	6.3889E-04
608254.89	4200779.15	74663.8293	0.20507	0.20784	0.03724	0.03602	6.27E-04	3.22E-06	3.31E-06	9.49E-07	9.14E-07	6.3535E-04
608254.89	4200786.75	74200.94919	0.20273	0.20551	0.0379	0.03666	6.23E-04	3.18E-06	3.27E-06	9.65E-07	9.30E-07	6.3143E-04
608254.89	4200794.35	73703.7932	0.2004	0.20318	0.03856	0.03731	6.19E-04	3.15E-06	3.23E-06	9.82E-07	9.47E-07	6.2721E-04
608254.89	4200801.95	73179.64244	0.19808	0.20086	0.03923	0.03797	6.15E-04	3.11E-06	3.20E-06	9.99E-07	9.63E-07	6.2277E-04
608254.89	4200809.55	72641.20054	0.19577	0.19855	0.0399	0.03863	6.10E-04	3.07E-06	3.16E-06	1.02E-06	9.80E-07	6.1821E-04
608254.89	4200817.15	72084.7921	0.19347	0.19625	0.04058	0.03929	6.05E-04	3.04E-06	3.12E-06	1.03E-06	9.97E-07	6.1350E-04
608254.89	4200824.75	71516.47171	0.19119	0.19396	0.04126	0.03996	6.01E-04	3.00E-06	3.09E-06	1.05E-06	1.01E-06	6.0869E-04
608254.89	4200832.35	70935.96889	0.18891	0.19168	0.04194	0.04062	5.96E-04	2.97E-06	3.05E-06	1.07E-06	1.03E-06	6.0378E-04
608254.89	4200839.95	70351.44311	0.18665	0.18941	0.04262	0.0413	5.91E-04	2.93E-06	3.01E-06	1.09E-06	1.05E-06	5.9883E-04
608254.89	4200847.55	69765.57845	0.1844	0.18715	0.04331	0.04197	5.86E-04	2.90E-06	2.98E-06	1.10E-06	1.06E-06	5.9387E-04
608254.89	4200855.15	69179.57134	0.18217	0.18491	0.04399	0.04265	5.81E-04	2.86E-06	2.94E-06	1.12E-06	1.08E-06	5.8892E-04
608254.89	4200862.75	68599.39519	0.17996	0.18269	0.04468	0.04333	5.76E-04	2.83E-06	2.91E-06	1.14E-06	1.10E-06	5.8401E-04
608254.89	4200870.35	68027.28247	0.17777	0.18049	0.04537	0.04401	5.71E-04	2.79E-06	2.87E-06	1.16E-06	1.12E-06	5.7917E-04
608255.41	4200731.98	75875.7368	0.21931	0.22205	0.03324	0.03212	6.37E-04	3.44E-06	3.53E-06	8.47E-07	8.15E-07	6.4578E-04
608255.76	4200725.34	75631.78676	0.22115	0.22387	0.03269	0.03159	6.35E-04	3.47E-06	3.56E-06	8.33E-07	8.01E-07	6.4376E-04
608261.76	4200741.15	74048.73817	0.21301	0.2157	0.03392	0.0328	6.22E-04	3.35E-06	3.43E-06	8.64E-07	8.32E-07	6.3027E-04
608261.76	4200748.75	73958.86393	0.21073	0.21343	0.03455	0.03341	6.21E-04	3.31E-06	3.40E-06	8.80E-07	8.48E-07	6.2948E-04
608261.76	4200756.35	73779.91308	0.20845	0.21116	0.03518	0.03403	6.20E-04	3.27E-06	3.36E-06	8.96E-07	8.63E-07	6.2793E-04
608261.76	4200763.95	73529.95255	0.20618	0.20889	0.03582	0.03465	6.17E-04	3.24E-06	3.32E-06	9.12E-07	8.79E-07	6.2580E-04
608261.76	4200771.55	73223.1292	0.20391	0.20662	0.03647	0.03528	6.15E-04	3.20E-06	3.29E-06	9.29E-07	8.95E-07	6.2318E-04
608261.76	4200779.15	72859.5809	0.20163	0.20435	0.03711	0.03591	6.12E-04	3.17E-06	3.25E-06	9.45E-07	9.11E-07	6.2009E-04
608261.76	4200786.75	72452.27234	0.19937	0.20208	0.03777	0.03655	6.08E-04	3.13E-06	3.22E-06	9.62E-07	9.27E-07	6.1663E-04
608261.76	4200794.35	72009.93725	0.1971	0.19982	0.03842	0.03719	6.05E-04	3.10E-06	3.18E-06	9.79E-07	9.44E-07	6.1288E-04
608261.76	4200801.95	71539.54315	0.19484	0.19756	0.03908	0.03784	6.01E-04	3.06E-06	3.14E-06	9.96E-07	9.60E-07	6.0889E-04
608261.76	4200809.55	71052.70285	0.1926	0.19531	0.03975	0.03849	5.97E-04	3.03E-06	3.11E-06	1.01E-06	9.76E-07	6.0476E-04
608261.76	4200817.15	70550.65072	0.19036	0.19307	0.04041	0.03914	5.92E-04	2.99E-06	3.07E-06	1.03E-06	9.93E-07	6.0051E-04
608261.76	4200824.75	70038.4657	0.18814	0.19085	0.04108	0.0398	5.88E-04	2.96E-06	3.04E-06	1.05E-06	1.01E-06	5.9617E-04
608261.76	4200832.35	69511.18696	0.18593	0.18863	0.04175	0.04046	5.84E-04	2.92E-06	3.00E-06	1.06E-06	1.03E-06	5.9171E-04
608261.76	4200839.95	68976.51387	0.18373	0.18642	0.04243	0.04112	5.79E-04	2.89E-06	2.97E-06	1.08E-06	1.04E-06	5.8718E-04
608261.76	4200847.55	68438.44741	0.18154	0.18423	0.0431	0.04179	5.75E-04	2.85E-06	2.93E-06	1.10E-06	1.06E-06	5.8263E-04
608261.76	4200855.15	67899.18229	0.17937	0.18205	0.04378	0.04245	5.70E-04	2.82E-06	2.90E-06	1.12E-06	1.08E-06	5.7807E-04
608261.76	4200862.75	67359.67874	0.17721	0.17988	0.04446	0.04312	5.66E-04	2.78E-06	2.86E-06	1.13E-06	1.09E-06	5.7350E-04
608261.76	4200870.35	66826.00939	0.17507	0.17773	0.04514	0.0438	5.61E-04	2.75E-06	2.83E-06	1.15E-06	1.11E-06	5.6899E-04
608268.63	4200741.15	72175.44599	0.20932	0.21195	0.03384	0.03273	6.06E-04	3.29E-06	3.37E-06	8.62E-07	8.30E-07	6.1442E-04
608268.63	4200748.75	72110.29627	0.20711	0.20975	0.03446	0.03333	6.06E-04	3.25E-06	3.34E-06	8.78E-07	8.46E-07	6.1384E-04
608268.63	4200756.35	71964.36661	0.20491	0.20755	0.03508	0.03394	6.04E-04	3.22E-06	3.30E-06	8.94E-07	8.61E-07	6.1257E-04
608268.63	4200763.95	71747.9602	0.20269	0.20535	0.03572	0.03456	6.02E-04	3.18E-06	3.27E-06	9.10E-07	8.77E-07	6.1072E-04
608268.63	4200771.55	71484.48887	0.20049	0.20315	0.03635	0.03518	6.00E-04	3.15E-06	3.23E-06	9.26E-07	8.93E-07	6.0847E-04
608268.63	4200779.15	71164.1371	0.19828	0.20094	0.03699	0.03581	5.98E-04	3.11E-06	3.20E-06	9.42E-07	9.08E-07	6.0574E-04
608268.63	4200786.75	70802.86582	0.19608	0.19874	0.03764	0.03644	5.95E-04	3.08E-06	3.16E-06	9.59E-07	9.24E-07	6.0267E-04
608268.63	4200794.35	70407.70556	0.19388	0.19654	0.03828	0.03707	5.91E-04	3.05E-06	3.13E-06	9.75E-07	9.40E-07	5.9931E-04

608268.63	4200801.95	69987.0579	0.19168	0.19434	0.03893	0.03771	5.88E-04	3.01E-06	3.09E-06	9.92E-07	9.57E-07	5.9574E-04
608268.63	4200809.55	69543.77397	0.1895	0.19215	0.03959	0.03835	5.84E-04	2.98E-06	3.06E-06	1.01E-06	9.73E-07	5.9198E-04
608268.63	4200817.15	69089.35838	0.18732	0.18998	0.04025	0.03899	5.80E-04	2.94E-06	3.02E-06	1.03E-06	9.89E-07	5.8813E-04
608268.63	4200824.75	68626.61607	0.18516	0.18781	0.04091	0.03964	5.76E-04	2.91E-06	2.99E-06	1.04E-06	1.01E-06	5.8421E-04
608268.63	4200832.35	68145.38283	0.18301	0.18565	0.04157	0.04029	5.72E-04	2.87E-06	2.95E-06	1.06E-06	1.02E-06	5.8014E-04
608268.63	4200839.95	67655.39909	0.18087	0.1835	0.04224	0.04095	5.68E-04	2.84E-06	2.92E-06	1.08E-06	1.04E-06	5.7599E-04
608268.63	4200847.55	67160.47418	0.17874	0.18137	0.0429	0.0416	5.64E-04	2.81E-06	2.89E-06	1.09E-06	1.06E-06	5.7180E-04
608268.63	4200855.15	66662.53445	0.17662	0.17924	0.04357	0.04226	5.60E-04	2.77E-06	2.85E-06	1.11E-06	1.07E-06	5.6758E-04
608268.63	4200862.75	66163.5559	0.17452	0.17713	0.04424	0.04292	5.56E-04	2.74E-06	2.82E-06	1.13E-06	1.09E-06	5.6336E-04
608268.63	4200870.35	65665.03369	0.17244	0.17504	0.04491	0.04358	5.51E-04	2.71E-06	2.79E-06	1.14E-06	1.11E-06	5.5914E-04
608275.5	4200741.15	70428.11853	0.20572	0.2083	0.03375	0.03266	5.91E-04	3.23E-06	3.31E-06	8.60E-07	8.29E-07	5.9963E-04
608275.5	4200733.55	70397.12613	0.20786	0.21043	0.03315	0.03206	5.91E-04	3.26E-06	3.35E-06	8.44E-07	8.13E-07	5.9941E-04
608275.5	4200748.75	70384.69387	0.20359	0.20617	0.03437	0.03325	5.91E-04	3.20E-06	3.28E-06	8.76E-07	8.44E-07	5.9923E-04
608275.5	4200756.35	70266.05178	0.20144	0.20403	0.03499	0.03386	5.90E-04	3.16E-06	3.25E-06	8.91E-07	8.59E-07	5.9820E-04
608275.5	4200763.95	70080.91422	0.1993	0.20189	0.03561	0.03447	5.88E-04	3.13E-06	3.21E-06	9.07E-07	8.74E-07	5.9660E-04
608275.5	4200771.55	69845.92507	0.19715	0.19975	0.03624	0.03508	5.87E-04	3.10E-06	3.18E-06	9.23E-07	8.90E-07	5.9459E-04
608275.5	4200779.15	69564.18928	0.19501	0.19761	0.03687	0.0357	5.84E-04	3.06E-06	3.14E-06	9.39E-07	9.06E-07	5.9219E-04
608275.5	4200786.75	69243.9115	0.19287	0.19547	0.03751	0.03632	5.81E-04	3.03E-06	3.11E-06	9.56E-07	9.21E-07	5.8947E-04
608275.5	4200794.35	68889.95915	0.19073	0.19333	0.03814	0.03695	5.78E-04	3.00E-06	3.08E-06	9.72E-07	9.37E-07	5.8646E-04
608275.5	4200801.95	68510.97874	0.1886	0.1912	0.03879	0.03758	5.75E-04	2.96E-06	3.04E-06	9.88E-07	9.53E-07	5.8324E-04
608275.5	4200809.55	68111.35294	0.18647	0.18907	0.03943	0.03821	5.72E-04	2.93E-06	3.01E-06	1.00E-06	9.69E-07	5.7985E-04
608275.5	4200817.15	67697.41486	0.18435	0.18695	0.04008	0.03885	5.68E-04	2.90E-06	2.97E-06	1.02E-06	9.86E-07	5.7634E-04
608275.5	4200824.75	67273.22708	0.18225	0.18484	0.04073	0.03949	5.65E-04	2.86E-06	2.94E-06	1.04E-06	1.00E-06	5.7275E-04
608275.5	4200832.35	66834.35339	0.18016	0.18274	0.04139	0.04013	5.61E-04	2.83E-06	2.91E-06	1.05E-06	1.02E-06	5.6903E-04
608275.5	4200839.95	66385.6079	0.17807	0.18065	0.04204	0.04078	5.57E-04	2.80E-06	2.87E-06	1.07E-06	1.03E-06	5.6523E-04
608275.5	4200847.55	65929.52641	0.176	0.17857	0.0427	0.04142	5.54E-04	2.76E-06	2.84E-06	1.09E-06	1.05E-06	5.6136E-04
608275.5	4200855.15	65469.07328	0.17394	0.1765	0.04336	0.04207	5.50E-04	2.73E-06	2.81E-06	1.10E-06	1.07E-06	5.5747E-04
608275.5	4200862.75	65006.08722	0.17189	0.17444	0.04402	0.04272	5.46E-04	2.70E-06	2.78E-06	1.12E-06	1.08E-06	5.5355E-04
608275.5	4200870.35	64541.85777	0.16986	0.1724	0.04468	0.04338	5.42E-04	2.67E-06	2.74E-06	1.14E-06	1.10E-06	5.4962E-04
608282.37	4200741.15	68800.9184	0.20222	0.20474	0.03367	0.03258	5.78E-04	3.18E-06	3.26E-06	8.58E-07	8.27E-07	5.8585E-04
608282.37	4200733.55	68766.36804	0.2043	0.20681	0.03307	0.032	5.77E-04	3.21E-06	3.29E-06	8.42E-07	8.12E-07	5.8560E-04
608282.37	4200748.75	68768.47335	0.20014	0.20267	0.03428	0.03318	5.77E-04	3.14E-06	3.22E-06	8.73E-07	8.42E-07	5.8554E-04
608282.37	4200756.35	68669.42275	0.19806	0.2006	0.03489	0.03377	5.77E-04	3.11E-06	3.19E-06	8.89E-07	8.57E-07	5.8468E-04
608282.37	4200763.95	68509.18373	0.19598	0.19852	0.0355	0.03437	5.75E-04	3.08E-06	3.16E-06	9.04E-07	8.72E-07	5.8330E-04
608282.37	4200771.55	68298.45384	0.19389	0.19644	0.03612	0.03498	5.74E-04	3.05E-06	3.13E-06	9.20E-07	8.87E-07	5.8149E-04
608282.37	4200779.15	68050.00912	0.19181	0.19436	0.03675	0.03559	5.71E-04	3.01E-06	3.09E-06	9.36E-07	9.03E-07	5.7937E-04
608282.37	4200786.75	67766.49986	0.18973	0.19228	0.03738	0.03621	5.69E-04	2.98E-06	3.06E-06	9.52E-07	9.19E-07	5.7696E-04
608282.37	4200794.35	67451.05074	0.18766	0.1902	0.03801	0.03682	5.66E-04	2.95E-06	3.03E-06	9.68E-07	9.34E-07	5.7427E-04
608282.37	4200801.95	67108.4194	0.18558	0.18813	0.03864	0.03745	5.64E-04	2.91E-06	2.99E-06	9.84E-07	9.50E-07	5.7136E-04
608282.37	4200809.55	66744.49017	0.18351	0.18605	0.03928	0.03807	5.60E-04	2.88E-06	2.96E-06	1.00E-06	9.66E-07	5.6827E-04
608282.37	4200817.15	66366.35532	0.18145	0.18399	0.03992	0.0387	5.57E-04	2.85E-06	2.93E-06	1.02E-06	9.82E-07	5.6506E-04
608282.37	4200824.75	65974.12693	0.1794	0.18194	0.04056	0.03933	5.54E-04	2.82E-06	2.90E-06	1.03E-06	9.98E-07	5.6174E-04
608282.37	4200832.35	65576.39295	0.17736	0.1799	0.04121	0.03997	5.51E-04	2.79E-06	2.86E-06	1.05E-06	1.01E-06	5.5837E-04
608282.37	4200839.95	65164.62005	0.17534	0.17786	0.04185	0.0406	5.47E-04	2.75E-06	2.83E-06	1.07E-06	1.03E-06	5.5488E-04
608282.37	4200847.55	64743.56135	0.17332	0.17583	0.0425	0.04124	5.44E-04	2.72E-06	2.80E-06	1.08E-06	1.05E-06	5.5131E-04
608282.37	4200855.15	64317.0885	0.17131	0.17382	0.04315	0.04188	5.40E-04	2.69E-06	2.77E-06	1.10E-06	1.06E-06	5.4770E-04
608282.37	4200862.75	63886.85798	0.16932	0.17181	0.0438	0.04253	5.36E-04	2.66E-06	2.73E-06	1.12E-06	1.08E-06	5.4406E-04
608282.37	4200870.35	63454.10199	0.16734	0.16982	0.04445	0.04317	5.33E-04	2.63E-06	2.70E-06	1.13E-06	1.10E-06	5.4039E-04
608289.24	4200741.15	67275.3039	0.1988	0.20127	0.03359	0.03251	5.65E-04	3.12E-06	3.20E-06	8.56E-07	8.25E-07	5.7293E-04
608289.24	4200748.75	67248.57278	0.19678	0.19926	0.03419	0.0331	5.65E-04	3.09E-06	3.17E-06	8.71E-07	8.40E-07	5.7267E-04
608289.24	4200733.55	67238.31862	0.20082	0.20328	0.03299	0.03193	5.65E-04	3.15E-06	3.23E-06	8.40E-07	8.10E-07	5.7265E-04
608289.24	4200756.35	67163.01147	0.19476	0.19724	0.03479	0.03369	5.64E-04	3.06E-06	3.14E-06	8.86E-07	8.55E-07	5.7192E-04
608289.24	4200763.95	67026.79882	0.19274	0.19523	0.0354	0.03428	5.63E-04	3.03E-06	3.11E-06	9.02E-07	8.70E-07	5.7074E-04
608289.24	4200771.55	66840.95498	0.19071	0.1932	0.03601	0.03488	5.61E-04	3.00E-06	3.07E-06	9.17E-07	8.85E-07	5.6915E-04
608289.24	4200779.15	66617.14779	0.18869	0.19118	0.03662	0.03548	5.59E-04	2.96E-06	3.04E-06	9.33E-07	9.00E-07	5.6723E-04
608289.24	4200786.75	66361.58271	0.18666	0.18916	0.03724	0.03609	5.57E-04	2.93E-06	3.01E-06	9.49E-07	9.16E-07	5.6505E-04
608289.24	4200794.35	66080.81128	0.18465	0.18714	0.03787	0.0367	5.55E-04	2.90E-06	2.98E-06	9.65E-07	9.31E-07	5.6266E-04
608289.24	4200801.95	65770.24324	0.18263	0.18512	0.03849	0.03732	5.52E-04	2.87E-06	2.95E-06	9.80E-07	9.47E-07	5.6002E-04
608289.24	4200809.55	65441.18838	0.18062	0.18311	0.03912	0.03793	5.50E-04	2.84E-06	2.91E-06	9.97E-07	9.62E-07	5.5723E-04
608289.24	4200817.15	65093.53209	0.17861	0.1811	0.03975	0.03855	5.47E-04	2.81E-06	2.88E-06	1.01E-06	9.78E-07	5.5428E-04
608289.24	4200824.75	64733.06795	0.17661	0.1791	0.04039	0.03918	5.44E-04	2.77E-06	2.85E-06	1.03E-06	9.94E-07	5.5122E-04
608289.24	4200832.35	64368.56478	0.17463	0.17711	0.04103	0.03981	5.41E-04	2.74E-06	2.82E-06	1.05E-06	1.01E-06	5.4813E-04
608289.24	4200839.95	63990.00995	0.17266	0.17513	0.04166	0.04043	5.37E-04	2.71E-06	2.79E-06	1.06E-06	1.03E-06	5.4492E-04
608289.24	4200847.55	63601.46152	0.17069	0.17316	0.0423	0.04106	5.34E-04	2.68E-06	2.76E-06	1.08E-06	1.04E-06	5.4163E-04
608289.24	4200855.15	63204.8127	0.16874	0.17119	0.04294	0.0417	5.31E-04	2.65E-06	2.72E-06	1.09E-06	1.06E-06	5.3827E-04
608289.24	4200862.75	62804.41885	0.16679	0.16924	0.04359	0.04233	5.27E-04	2.62E-06	2.69E-06	1.11E-06	1.07E-06	5.3488E-04
608289.24	4200870.35	62400.41817	0.16487	0.1673	0.04423	0.04296	5.24E-04	2.59E-06	2.66E-06	1.13E-06	1.09E-06	5.3145E-04
608296.11	4200741.15	65839.15648	0.19547	0.19789	0.0335	0.03244	5.53E-04	3.07E-06	3.15E-06	8.53E-07	8.23E-07	5.6076E-04
608296.11	4200748.75	65818.30633	0.19351	0.19593	0.03409	0.03302	5.53E-04	3.04E-06	3.12E-06	8.68E-07	8.38E-07	5.6055E-04
608296.11	4200733.55	65796.62669	0.19743	0.19983	0.03292	0.03187	5.53E-04	3.10E-06	3.18E-06	8.39E-07	8.09E-07	5.6043E-04
608296.11	4200756.35	65745.07513	0.19154	0.19397	0.03469	0.0336	5.52E-04	3.01E-06	3.09E-06	8.84E-07	8.52E-07	5.5990E-04
608296.11	4200763.95	65622.90333	0.18957	0.19201	0.03529	0.03419	5.51E-04	2.98E-06	3.06E-06	8.99E-07	8.67E-07	5.5884E-04
608296.11	4200771.55	65460.86618	0.18761	0.19004	0.0359	0.03478	5.50E-04	2.95E-06	3.02E-06	9.15E-07	8.82E-07	5.5745E-04
608296.11	4200779.15	65259.65973	0.18564	0.18807	0.0365	0.03538	5.48E-04	2.92E-06	2.99E-06	9.30E-07	8.98E-07	5.5573E-04
608296.11	4200786.75	65028.45841	0.18367	0.18611	0.03712	0.03598	5.46E-04	2.88E-06	2.96E-06	9.46E-07	9.13E-07	5.5376E-04
608296.11	4200794.35	64773.19793	0.18171	0.18415	0.03773	0.03658	5.44E-04	2.85E-06	2.93E-06	9.61E-07	9.28E-07	5.5158E-04
608296.11	4200801.95	64491.99849	0.17974	0.18218	0.03835	0.03719	5.42E-04	2.82E-06	2.90E-06	9.77E-07	9.44E-07	5.4919E-04
608296.11	4200809.55	64192.75323	0.17779	0.18022	0.03897	0.0378	5.39E-04	2.79E-06	2.87E-06	9.93E-07	9.59E-07	5.4665E-04
608296.11	4200817.15	63876.2471	0.17584	0.17827	0.03959	0.03841	5.36E-04	2.76E-06	2.84E-06	1.01E-06	9.74E-07	5.4396E-04
608296.11	4200824.75	63545.08755	0.17389	0.17632	0.04022	0.03902	5.34E-04	2.73E-06	2.81E-06	1.02E-06	9.90E-07	5.4115E-04
608296.11	4200832.35	63207.22768	0.17196	0.17439	0.04085	0.03964	5.31E-04	2.70E-06	2.77E-06	1.04E-06	1.01E-06	5.3828E-04
608296.11	4200839.95	62858.40744	0.17004	0.17246	0.04148	0.04026	5.28E-04	2.67E-06	2.74E-06	1.06E-06	1.02E-06	5.3532E-04
608296.11	4200847.55	62499.21116	0.16813	0.17054	0.04211	0.04089	5.25E-04	2.64E-06	2.71E-06	1.07E-06	1.04E-06	5.3228E-04
608296.11	4200855.15	62131.41151	0.16622	0.16862	0.04274	0.04151	5.22E-04	2.61E-06	2.68E-06	1.09E-06	1.05E-06	5.2916E-04
608296.11	4200862.75	61758.15039	0.16433	0.16672	0.04337	0.04213	5.19E-04	2.58E-06	2.65E-06	1.10E-06	1.07E-06	5.2600E-04
608296.11	4200870.35	61380.477	0.16245	0.16483	0.04401	0.04276	5.15E-04	2.55E-06	2.62E-06	1.12E-06	1.08E-06	5.2280E-04
608302.98	4200741.15	64479.74504	0.19221	0.19458	0.03342	0.03237	5.41E-04	3.02E-06	3.10E-06	8.51E-07	8.21E-07	5.4923E-04
608302.98	4200748.75	64469.96407	0.19031	0.19268	0.034	0.03294	5.41E-04	2.99E-06	3.07E-06	8.66E-07	8.36E-07	5.4912E-04
608302.98	4200733.55	64431.9006	0.19411	0.19647	0.03284	0.0318	5.41E-04	3.05E-06	3.13E-06	8.37E-07	8.07E-07	5.4886E-04
608302.98	4200756.35	64405.63674	0.1884	0.19078	0.03459	0.03351	5.41E-04	2.96E-06	3.04E-06	8.81E-07	8.50E-07	5.4855E-04
608302.98	4200763.95	64295.34466	0.18648	0.18886	0.03518	0.03409	5.40E-04	2.93E-06	3.01E-06	8.96E-07	8.65E-07	5.4759E-04
608302.98	4200771.55	64151.50447	0.18457	0.18696	0.03578	0.03468	5.39E-04	2.90E-06	2.97E-06	9.11E-07	8.80E-07	5.4636E-04
608302.98	4200779.15	63972.08884	0.18266	0.18504	0.03638	0.03527	5.37E-04	2.87E-06	2.94E-06	9.27E-07	8.95E-07	5.4482E-04
608302.98	4200786.75	63762.18898	0.18074	0.18313	0.03699	0.03586	5.35E-04	2.84E-06	2.91E-06	9.42E-07	9.10E-07	5.4303E-04
608302.98	4200794.35	63527.12014	0.17883	0.18122	0.03759	0.03646	5.33E-04	2.81E-06	2.88E-06	9.58E-07	9.25E-07	5.4102E-04
608302.98	4200801.95	63269.54616	0.17692	0.17931	0.0382	0.03706	5.31E-04	2.78E-06	2.85E-06	9.73E-07	9.40E-07	5.3883E-04
608302.98	4200809.55	62997.75987	0.17502	0.1774	0.03882	0.03766	5.29E-04	2.75E-06	2.82E-06	9.89E-07	9.55E-07	5.3652E-04
608302.98	4200817.15	62708.96819	0.17312	0.1755	0.03943	0.03826	5.27E-04	2.72E-06	2.79E-06	1.00E-06	9.71E-07	5.3406E-04
608302.98	4200824.75	62405.6557	0.17123	0.17361	0.04005	0.03887	5.24E-04	2.69E-06	2.76E-06	1.02E-06	9.86E-07	5.3149E-04
608302.98	4200832.35	62089.83971	0.16935	0.17172	0.04067	0.03948	5.21E-04	2.66E-06	2.73E-06	1.04E-06	1.00E-06	5.2881E-04
608302.98	4200839.95	61766.82404	0.16747	0.16984	0.04129	0.04009	5.19E-04	2.63E-06	2.70E-06	1.05E-06	1.02E-06	5.2607E-04
608302.98	4200847.55	61434.18675	0.16561	0.16797	0.04191	0.04071	5.16E-04	2.60E-06	2.67E-06	1.07E-06	1.03E-06	5.2325E-04
608302.98	4200855.15	61093.39438	0.16376	0.16611	0.04254	0.04132	5.13E-04	2.57E-06	2.64E-06	1.08E-06	1.05E-06	5.2036E-04
608302.98	4200862.75	60744.86967	0.16191	0.16425	0.04316	0.04194	5.10E-04	2.54E-06	2.61E-06	1.10E-06	1.06E-06	5.1740E-04
608302.98	4200870.35	60391.30704	0.16008	0.16241	0.04378	0.04256	5.07E-04	2.51E-06	2.58E-06	1.12E-06	1.08E-06	5.1441E-04

Ranch EIR Residential Project Construction Parameters

Phase 1

Construction Annual Total PM2.5 (Total PM2.5) **Unmitigated Concentrations**

Annual Average Onsite DPM Rate (grams/m2/sec):	3.17E-08
Annual Average Offsite DPM Emission Rate - Road 1 (grams/sec):	3.99E-04
Annual Average Offsite DPM Emission Rate - Road 2 (grams/sec):	4.05E-04
Annual Average Offsite DPM Emission Rate - Road 3 (grams/sec):	6.48E-04
Annual Average Offsite DPM Emission Rate - Road4 (grams/sec):	6.45E-04

X	Y	Onsite PROJECT SITE Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 1 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 4 Unit Emissions VALUES AVERAGED AVERAGE CONC	Onsite PROJECT SITE Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 1 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 2 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 3 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 4 Annual PM2.5 Total w/Actual Emissions (ug/m3)	**Total DPM (ug/m3)**
605009.76	4201463.46	2712.65236	0.00295	0.00295	0.01178	0.01195	8.60E-05	1.18E-06	1.19E-06	7.63E-06	7.71E-06	1.0372E-04
605020.97	4201489.77	2669.71823	0.00295	0.00296	0.01192	0.0121	8.47E-05	1.18E-06	1.20E-06	7.72E-06	7.80E-06	1.0255E-04
605025.63	4201440.58	2833.73415	0.00301	0.00301	0.01197	0.01215	8.99E-05	1.20E-06	1.22E-06	7.75E-06	7.84E-06	1.0786E-04
605045.35	4201493.83	2652.73999	0.00292	0.00293	0.01195	0.01213	8.41E-05	1.17E-06	1.19E-06	7.74E-06	7.82E-06	1.0203E-04
605052.57	4201438.73	2882.43977	0.00303	0.00303	0.01215	0.01233	9.14E-05	1.21E-06	1.23E-06	7.87E-06	7.95E-06	1.0965E-04
605067.01	4201501.96	2637.15053	0.0029	0.00291	0.01203	0.01221	8.36E-05	1.16E-06	1.18E-06	7.79E-06	7.87E-06	1.0162E-04
605077.3	4201449.8	2862.50172	0.00301	0.00302	0.01225	0.01243	9.08E-05	1.20E-06	1.22E-06	7.93E-06	8.02E-06	1.0914E-04
605088.68	4201514.14	2616.28282	0.00289	0.0029	0.01214	0.01232	8.30E-05	1.15E-06	1.17E-06	7.86E-06	7.95E-06	1.0109E-04
605094.28	4201462.35	2811.94873	0.00297	0.00298	0.01226	0.01244	8.92E-05	1.19E-06	1.21E-06	7.94E-06	8.02E-06	1.0752E-04
605106.29	4201530.4	2585.42567	0.00287	0.00289	0.01225	0.01243	8.20E-05	1.15E-06	1.17E-06	7.93E-06	8.02E-06	1.0024E-04
605113.1	4201473.42	2783.41245	0.00295	0.00295	0.01233	0.01251	8.83E-05	1.18E-06	1.19E-06	7.98E-06	8.07E-06	1.0668E-04
605134.6	4201499.62	2685.08721	0.00288	0.00289	0.01235	0.01253	8.51E-05	1.15E-06	1.17E-06	8.00E-06	8.08E-06	1.0354E-04
605151.19	4201482.44	2810.7023	0.00296	0.00297	0.01262	0.0128	8.91E-05	1.18E-06	1.20E-06	8.17E-06	8.26E-06	1.0793E-04
605168.07	4201530.53	2617.99257	0.00285	0.00287	0.01256	0.01275	8.30E-05	1.14E-06	1.16E-06	8.13E-06	8.22E-06	1.0167E-04
605172.03	4201466.28	2991.26354	0.0031	0.00311	0.01308	0.01327	9.48E-05	1.24E-06	1.26E-06	8.47E-06	8.56E-06	1.1437E-04
605181.62	4201558.83	2535.86369	0.00281	0.00283	0.01262	0.01281	8.04E-05	1.12E-06	1.14E-06	8.17E-06	8.26E-06	9.9110E-05
605188.98	4201454.15	3142.93594	0.00321	0.00323	0.01347	0.01367	9.97E-05	1.28E-06	1.31E-06	8.72E-06	8.82E-06	1.1979E-04
605191.33	4201515.02	2728.83123	0.00291	0.00293	0.01284	0.01303	8.65E-05	1.16E-06	1.19E-06	8.32E-06	8.40E-06	1.0559E-04
605193.13	4201585.31	2495.00931	0.0028	0.00283	0.01279	0.01299	7.91E-05	1.12E-06	1.14E-06	8.28E-06	8.38E-06	9.8036E-05
605201.19	4201601.43	2431.04091	0.00275	0.00278	0.01274	0.01294	7.71E-05	1.10E-06	1.12E-06	8.25E-06	8.35E-06	9.5903E-05
605202.19	4201404.28	3819.28723	0.00367	0.00368	0.01494	0.01516	1.21E-04	1.47E-06	1.49E-06	9.68E-06	9.78E-06	1.4351E-04
605207.14	4201438.92	3422.14723	0.00343	0.00344	0.01424	0.01445	1.09E-04	1.37E-06	1.39E-06	9.22E-06	9.32E-06	1.2981E-04
605207.2	4201501	2855.33751	0.00301	0.00303	0.01315	0.01335	9.05E-05	1.20E-06	1.23E-06	8.52E-06	8.61E-06	1.1009E-04
605208.1	4201623.31	2323.97778	0.00265	0.00268	0.01256	0.01276	7.37E-05	1.06E-06	1.08E-06	8.13E-06	8.23E-06	9.2195E-05
605226.39	4201488.08	2994.2288	0.00311	0.00313	0.01351	0.01371	9.49E-05	1.24E-06	1.27E-06	8.75E-06	8.84E-06	1.1504E-04
605226.91	4201528.1	2741.2959	0.00293	0.00295	0.01316	0.01336	8.69E-05	1.17E-06	1.19E-06	8.52E-06	8.62E-06	1.0642E-04
605227.67	4201640.58	2294.60534	0.00263	0.00266	0.01267	0.01288	7.28E-05	1.05E-06	1.08E-06	8.21E-06	8.31E-06	9.1396E-05
605241.22	4201548.03	2696.01709	0.00291	0.00294	0.01329	0.0135	8.55E-05	1.16E-06	1.19E-06	8.61E-06	8.71E-06	1.0515E-04
605249.55	4201659	2277.3167	0.00262	0.00265	0.01285	0.01306	7.22E-05	1.05E-06	1.07E-06	8.32E-06	8.42E-06	9.1073E-05
605251.44	4201595.54	2569.34984	0.00286	0.00289	0.01342	0.01363	8.15E-05	1.14E-06	1.17E-06	8.69E-06	8.79E-06	1.0126E-04
605251.89	4201403.82	3859.29586	0.00366	0.00367	0.01505	0.01526	1.22E-04	1.46E-06	1.48E-06	9.75E-06	9.84E-06	1.4491E-04
605255.31	4201424.35	3672.58648	0.00356	0.00357	0.01486	0.01507	1.16E-04	1.42E-06	1.44E-06	9.62E-06	9.72E-06	1.3866E-04
605262.68	4201624.15	2459.26414	0.00278	0.0028	0.01333	0.01355	7.80E-05	1.11E-06	1.13E-06	8.63E-06	8.74E-06	9.7594E-05
605269.83	4201576.12	2718.25745	0.00298	0.00301	0.01384	0.01407	8.62E-05	1.19E-06	1.22E-06	8.96E-06	9.07E-06	1.0664E-04
605271.43	4201670.51	2275.15833	0.00263	0.00265	0.01303	0.01326	7.21E-05	1.05E-06	1.07E-06	8.44E-06	8.55E-06	9.1254E-05
605272.78	4201468.12	3223.20827	0.00324	0.00326	0.01411	0.01431	1.02E-04	1.29E-06	1.32E-06	9.14E-06	9.23E-06	1.2318E-04
605279.99	4201489.75	3063.36092	0.00312	0.00314	0.01391	0.01411	9.71E-05	1.25E-06	1.27E-06	9.01E-06	9.10E-06	1.1776E-04
605283.25	4201543.66	3883.68842	0.00368	0.00369	0.01537	0.01559	1.23E-04	1.47E-06	1.49E-06	9.95E-06	1.01E-05	1.4612E-04
605285.4	4201543.23	2815.006	0.00299	0.00302	0.01383	0.01404	8.93E-05	1.19E-06	1.22E-06	8.96E-06	9.06E-06	1.0969E-04
605286.18	4201633.34	2462.94128	0.00278	0.00281	0.01354	0.01377	7.81E-05	1.11E-06	1.14E-06	8.77E-06	8.88E-06	9.7992E-05
605286.6	4201513.79	2926.74446	0.00303	0.00306	0.01381	0.01402	9.28E-05	1.21E-06	1.24E-06	8.94E-06	9.04E-06	1.1324E-04
605288.7	4201676.27	2277.03789	0.00263	0.00265	0.01318	0.0134	7.22E-05	1.05E-06	1.07E-06	8.54E-06	8.64E-06	9.1501E-05
605303.55	4201645.09	2423.45746	0.00274	0.00277	0.01358	0.01381	7.68E-05	1.09E-06	1.12E-06	8.79E-06	8.91E-06	9.6760E-05
605305.23	4201576.28	2840.61721	0.00308	0.00311	0.01448	0.01471	9.01E-05	1.23E-06	1.26E-06	9.38E-06	9.49E-06	1.1142E-04
605306.62	4201416.94	4034.79659	0.00379	0.0038	0.01592	0.01616	1.28E-04	1.51E-06	1.54E-06	1.03E-05	1.04E-05	1.5172E-04
605315.44	4201466.31	3403.56125	0.00337	0.00339	0.01478	0.01499	1.08E-04	1.35E-06	1.37E-06	9.57E-06	9.67E-06	1.2988E-04
605322.05	4201586.49	2866.42816	0.00313	0.00314	0.01479	0.01504	9.09E-05	1.24E-06	1.27E-06	9.58E-06	9.70E-06	1.1268E-04
605331.61	4201420.86	4177.97383	0.00388	0.0039	0.01649	0.01673	1.32E-04	1.55E-06	1.58E-06	1.07E-05	1.08E-05	1.5707E-04
605335.73	4201683.92	2321.74453	0.00267	0.00269	0.01368	0.01391	7.36E-05	1.07E-06	1.09E-06	8.86E-06	8.97E-06	9.3604E-05
605338.73	4201527.72	2955.03262	0.00305	0.00307	0.0143	0.01451	9.37E-05	1.22E-06	1.24E-06	9.26E-06	9.36E-06	1.1478E-04
605341.29	4201471.54	3470.66414	0.00343	0.00345	0.01516	0.01539	1.10E-04	1.37E-06	1.40E-06	9.82E-06	9.93E-06	1.3256E-04
605343.08	4201606.92	2823.70201	0.00309	0.00312	0.01499	0.01525	8.95E-05	1.23E-06	1.26E-06	9.71E-06	9.84E-06	1.1157E-04
605346.39	4201549.18	2910.09137	0.00305	0.00308	0.01449	0.01472	9.23E-05	1.22E-06	1.25E-06	9.38E-06	9.49E-06	1.1362E-04
605347.42	4201504.74	3131.71038	0.00316	0.00319	0.01457	0.01478	9.93E-05	1.26E-06	1.29E-06	9.44E-06	9.53E-06	1.2082E-04
605353.26	4201422.76	4296.18422	0.00395	0.00397	0.01692	0.01717	1.36E-04	1.58E-06	1.61E-06	1.10E-05	1.11E-05	1.6144E-04
605355.14	4201690.56	2334.12252	0.00269	0.00271	0.01389	0.01414	7.40E-05	1.07E-06	1.10E-06	9.00E-06	9.12E-06	9.4296E-05
605358.21	4201654.29	2532.14649	0.00285	0.00287	0.0144	0.01465	8.03E-05	1.14E-06	1.16E-06	9.33E-06	9.45E-06	1.0136E-04
605363.25	4201470.52	3610.1286	0.00353	0.00356	0.01568	0.01592	1.14E-04	1.41E-06	1.44E-06	1.02E-05	1.03E-05	1.3774E-04
605367.72	4201603.92	2944.65045	0.00319	0.00322	0.01557	0.01584	9.34E-05	1.27E-06	1.30E-06	1.01E-05	1.02E-05	1.1625E-04
605371.93	4201559.39	2960.38872	0.00311	0.00314	0.01495	0.01518	9.39E-05	1.24E-06	1.27E-06	9.68E-06	9.79E-06	1.1585E-04
605375.91	4201424.82	4378.85202	0.004	0.00402	0.01725	0.0175	1.39E-04	1.60E-06	1.63E-06	1.12E-05	1.13E-05	1.6453E-04
605379.67	4201688.01	2397.07364	0.00275	0.00277	0.01428	0.01453	7.60E-05	1.10E-06	1.12E-06	9.25E-06	9.37E-06	9.6845E-05
605382.73	4201653.78	2598.38743	0.00291	0.00293	0.0148	0.01506	8.24E-05	1.16E-06	1.19E-06	9.58E-06	9.71E-06	1.0404E-04
605391.16	4201606.92	3051.87714	0.00328	0.00332	0.01617	0.01645	9.68E-05	1.31E-06	1.34E-06	1.05E-05	1.06E-05	1.2050E-04
605392.87	4201637.64	2994.66644	0.00309	0.00312	0.01496	0.01518	9.50E-05	1.23E-06	1.26E-06	9.69E-06	9.79E-06	1.1693E-04
605397.74	4201432.23	4335.8844	0.00397	0.00399	0.01731	0.01757	1.37E-04	1.59E-06	1.61E-06	1.12E-05	1.13E-05	1.6323E-04
605400.1	4201689.03	2434.48395	0.00278	0.0028	0.01457	0.01482	7.72E-05	1.11E-06	1.13E-06	9.44E-06	9.56E-06	9.8430E-05
605401.04	4201524.15	3110.90095	0.00313	0.00316	0.015	0.01521	9.86E-05	1.25E-06	1.28E-06	9.71E-06	9.81E-06	1.2069E-04
605402.58	4201503.72	3274.66093	0.00324	0.00327	0.0152	0.01542	1.04E-04	1.29E-06	1.32E-06	9.84E-06	9.95E-06	1.2624E-04
605407.25	4201655.82	2638.25955	0.00294	0.00297	0.01513	0.0154	8.37E-05	1.17E-06	1.20E-06	9.80E-06	9.93E-06	1.0576E-04
605407.68	4201483.8	3532.37185	0.00344	0.00347	0.01574	0.01596	1.12E-04	1.37E-06	1.40E-06	1.02E-05	1.03E-05	1.3527E-04
605416.39	4201604.52	3119.2205	0.00333	0.00336	0.01653	0.01682	9.89E-05	1.33E-06	1.36E-06	1.07E-05	1.08E-05	1.2315E-04
605416.69	4201438.82	4282.40943	0.00394	0.00396	0.01732	0.01758	1.36E-04	1.57E-06	1.60E-06	1.12E-05	1.13E-05	1.6152E-04
605423.6	4201689.54	2471.99437	0.00281	0.00283	0.01487	0.01514	7.84E-05	1.12E-06	1.14E-06	9.63E-06	9.76E-06	1.0004E-04
605425.13	4201659.91	2650.78597	0.00295	0.00298	0.01533	0.0156	8.41E-05	1.18E-06	1.21E-06	9.93E-06	1.01E-05	1.0642E-04
605438.52	4201442.12	4288.16608	0.00393	0.00395	0.01743	0.0177	1.36E-04	1.57E-06	1.60E-06	1.13E-05	1.14E-05	1.6184E-04
605439.23	4201611.73	3135.02861	0.00334	0.00337	0.01681	0.01711	9.94E-05	1.33E-06	1.36E-06	1.09E-05	1.10E-05	1.2402E-04
605440.46	4201696.18	2472.25699	0.00282	0.00284	0.01504	0.01531	7.84E-05	1.13E-06	1.15E-06	9.74E-06	9.87E-06	1.0028E-04
605441.9	4201530.28	3223.10907	0.00323	0.00326	0.01565	0.01588	1.02E-04	1.29E-06	1.32E-06	1.01E-05	1.02E-05	1.2518E-04
605441.9	4201555.3	3175.15642	0.00326	0.00329	0.01597	0.01622	1.01E-04	1.30E-06	1.33E-06	1.03E-05	1.05E-05	1.2411E-04
605448.12	4201661.95	2704.66148	0.003	0.00303	0.01571	0.016	8.58E-05	1.20E-06	1.23E-06	1.02E-05	1.03E-05	1.0868E-04
605450.08	4201487.89	3606.07445	0.00347	0.0035	0.01616	0.0164	1.14E-04	1.39E-06	1.42E-06	1.05E-05	1.06E-05	1.3819E-04
605450.59	4201506.27	3426.58745	0.00335	0.00338	0.01592	0.01615	1.09E-04	1.34E-06	1.37E-06	1.03E-05	1.04E-05	1.3208E-04
605456.65	4201611.13	3187.72242	0.00338	0.00341	0.0171	0.0174	1.01E-04	1.35E-06	1.38E-06	1.11E-05	1.12E-05	1.2610E-04
605459.12	4201443.35	4329.42746	0.00394	0.00397	0.01761	0.01788	1.37E-04	1.57E-06	1.61E-06	1.14E-05	1.15E-05	1.6339E-04
605462.43	4201701.8	2490.2883	0.00284	0.00286	0.01531	0.01559	7.90E-05	1.13E-06	1.16E-06	9.91E-06	1.01E-05	1.0122E-04
605466.42	4201572.67	3264.58366	0.00337	0.0034	0.01676	0.01703	1.04E-04	1.35E-06	1.38E-06	1.09E-05	1.10E-05	1.2807E-04
605467.03	4201661.95	2775.15754	0.00307	0.00309	0.01613	0.01642	8.80E-05	1.23E-06	1.25E-06	1.04E-05	1.06E-05	1.1151E-04
605483.09	4201613.53	3245.02844	0.00342	0.00345	0.0175	0.01781	1.03E-04	1.37E-06	1.40E-06	1.13E-05	1.15E-05	1.2848E-04
605483.88	4201705.38	2533.18485	0.00289	0.0029	0.01567	0.01596	8.03E-05	1.15E-06	1.17E-06	1.01E-05	1.03E-05	1.0309E-04
605484.66	4201447.47	4361.09949	0.00395	0.00398	0.01785	0.01812	1.38E-04	1.58E-06	1.61E-06	1.16E-05	1.17E-05	1.6472E-04
605492.57	4201664	2867.93779	0.00316	0.00318	0.0167	0.01701	9.09E-05	1.26E-06	1.29E-06	1.08E-05	1.10E-05	1.1527E-04
605492.98	4201561.94	3309.66876	0.00336	0.0034	0.01681	0.01708	1.05E-04	1.34E-06	1.38E-06	1.09E-05	1.10E-05	1.2956E-04
605498.6	4201538.96	3345.72392	0.00332	0.00335	0.01647	0.01671	1.06E-04	1.33E-06	1.36E-06	1.07E-05	1.08E-05	1.3021E-04
605501.15	4201514.96	3496.06658	0.00338	0.00341	0.01649	0.01673	1.11E-04	1.35E-06	1.38E-06	1.07E-05	1.08E-05	1.3505E-04
605502.92	4201612.33	3293.90594	0.00345	0.00349	0.01778	0.01809	1.04E-04	1.38E-06	1.41E-06	1.15E-05	1.17E-05	1.3042E-04
605503.19	4201494.01	3706.22914	0.00351	0.00355	0.01676	0.01701	1.18E-04	1.40E-06	1.44E-06	1.09E-05	1.10E-05	1.4218E-04
605504.84	4201447.88	4484.41015	0.00402	0.00405	0.01829	0.01858	1.42E-04	1.61E-06	1.64E-06	1.18E-05	1.20E-05	1.6926E-04
605506.45	4201709.81	2599.04656	0.00296	0.00298	0.01616	0.01647	8.24E-05	1.18E-06	1.21E-06	1.05E-05	1.06E-05	1.0589E-04
605507.9	4201666.04	2932.38025	0.00322	0.00324	0.0171	0.01742	9.30E-05	1.29E-06	1.31E-06	1.11E-05	1.12E-05	1.1789E-04
605523.95	4201611.73	3352.35138	0.00349	0.00352	0.0181	0.01842	1.06E-04	1.39E-06	1.42E-06	1.17E-05	1.19E-05	1.3272E-04
605525.44	4201445.41	4715.61961	0.00416	0.00419	0.01899	0.01929	1.50E-04	1.66E-06	1.69E-06	1.23E-05	1.24E-05	1.7762E-04
605529.85	4201708.66	2695.284	0.00305	0.00307	0.01673	0.01705	8.55E-05	1.22E-06	1.24E-06	1.08E-05	1.10E-05	1.0975E-04
605535.44	4201664.55	3093.54599	0.00336	0.00338	0.01794	0.01827	9.81E-05	1.34E-06	1.37E-06	1.16E-05	1.18E-05	1.2420E-04
605544.56	4201490.44	3916.00871	0.00364	0.00368	0.01752	0.01779	1.24E-04	1.45E-06	1.49E-06	1.13E-05	1.15E-05	1.4993E-04
605546.45	4201443.77	4881.36996	0.00424	0.00428	0.01949	0.0198	1.55E-04	1.69E-06	1.73E-06	1.26E-05	1.28E-05	1.8360E-04
605546.79	4201603.32	3404.86006	0.00351	0.00354	0.01826	0.01857	1.08E-04	1.40E-06	1.43E-06	1.18E-05	1.20E-05	1.3460E-04
605547.12	4201515.47	3628.63134	0.00345	0.00349	0.01711	0.01737	1.15E-04	1.38E-06	1.41E-06	1.11E-05	1.12E-05	1.4013E-04
605553.76	4201533.34	3493.54876	0.00337	0.00341	0.01706	0.01732	1.11E-04	1.35E-06	1.38E-06	1.10E-05	1.12E-05	1.3572E-04
605554.89	4201703.55	2854.64585	0.00319	0.00321	0.01754	0.01788	9.05E-05	1.27E-06	1.30E-06	1.14E-05	1.15E-05	1.1598E-04
605558.77	4201654.65	3316.41993	0.00353	0.00355	0.01887	0.01922	1.05E-04	1.41E-06	1.44E-06	1.22E-05	1.24E-05	1.3262E-04
605564.99	4201556.84	3413.9196	0.00337	0.0034	0.01734	0.01761	1.08E-04	1.35E-06	1.38E-06	1.12E-05	1.14E-05	1.3356E-04
605565.42	4201590.1	3430.19057	0.00349	0.00352	0.01816	0.01846	1.09E-04	1.39E-06	1.42E-06	1.18E-05	1.19E-05	1.3525E-04
605567.46	4201442.94	4870.04078	0.00421	0.00424	0.01945	0.01976	1.54E-04	1.68E-06	1.72E-06	1.26E-05	1.27E-05	1.8316E-04
605573.79	4201690.78	3063.59229	0.00336	0.00338	0.0184	0.01876	9.71E-05	1.34E-06	1.37E-06	1.19E-05	1.21E-05	1.2387E-04
605579.28	4201648.29	3438.99459	0.00361	0.00364	0.01938	0.01974	1.09E-04	1.44E-06	1.47E-06	1.26E-05	1.27E-05	1.3724E-04
605581.34	4201577.78	3446.20395	0.00345	0.00349	0.01801	0.01831	1.09E-04	1.38E-06	1.41E-06	1.17E-05	1.18E-05	1.3554E-04
605585.21	4201494.54	4005.36895	0.00368	0.00371	0.01804	0.01832	1.27E-04	1.47E-06	1.50E-06	1.17E-05	1.18E-05	1.5347E-04
605590.11	4201443.35	4882.80933	0.00419	0.00423	0.01952	0.01983	1.55E-04	1.67E-06	1.71E-06	1.26E-05	1.28E-05	1.8364E-04
605590.91	4201684.04	3228.74242	0.00349	0.00351	0.01912	0.01949	1.02E-04	1.39E-06	1.42E-06	1.24E-05	1.26E-05	1.3014E-04
605596.96	4201631.32	3505.7679	0.00363	0.00365	0.01944	0.01979	1.11E-04	1.45E-06	1.48E-06	1.26E-05	1.28E-05	1.3944E-04
605608.24	4201447.88	4875.24867	0.00418	0.00421	0.01966	0.01997	1.55E-04	1.67E-06	1.70E-06	1.27E-05	1.29E-05	1.8357E-04
605612.32	4201491.81	4211.72385	0.00381	0.00385	0.01877	0.01907	1.34E-04	1.52E-06	1.56E-06	1.22E-05	1.23E-05	1.6108E-04
605612.51	4201618.59	3522.67926	0.00361	0.00363	0.01932	0.01967	1.12E-04	1.44E-06	1.47E-06	1.25E-05	1.27E-05	1.3981E-04
605617.05	4201550.42	3611.88384	0.00347	0.00351	0.01814	0.01843	1.15E-04	1.39E-06	1.42E-06	1.17E-05	1.19E-05	1.4097E-04
605617.31	4201676.04	3436.53249	0.00364	0.00366	0.02003	0.02042	1.09E-04	1.45E-06	1.48E-06	1.30E-05	1.32E-05	1.3804E-04
605622.85	4201440.76	5094.21765	0.00428	0.00432	0.02013	0.02045	1.62E-04	1.71E-06	1.75E-06	1.30E-05	1.32E-05	1.9121E-04
605629.67	4201535.39	3784.36597	0.00357	0.0036	0.01846	0.01875	1.20E-04	1.43E-06	1.46E-06	1.20E-05	1.21E-05	1.4693E-04
605633.16	4201493.26	4386.04517	0.00394	0.00398	0.01949	0.01981	1.39E-04	1.57E-06	1.61E-06	1.26E-05	1.28E-05	1.6766E-04
605646.71	4201591.06	3573.20845	0.00355	0.00358	0.01907	0.0194	1.13E-04	1.42E-06	1.45E-06	1.23E-05	1.25E-05	1.4103E-04
605651.9	4201523.98	4024.31791	0.00372	0.00376	0.01912	0.01943	1.28E-04	1.49E-06	1.52E-06	1.24E-05	1.25E-05	1.5552E-04

605652.06	4201496.17	4495.1288	0.00402	0.00406	0.02002	0.02035	1.43E-04	1.61E-06	1.64E-06	1.30E-05	1.31E-05	1.7187E-04
605652.36	4201436.02	5478.45899	0.00448	0.00452	0.02116	0.0215	1.74E-04	1.79E-06	1.83E-06	1.37E-05	1.39E-05	2.0490E-04
605663.57	4201579.82	3620.25642	0.00353	0.00356	0.01906	0.01938	1.15E-04	1.41E-06	1.44E-06	1.23E-05	1.25E-05	1.4248E-04
605664.73	4201615.37	3611.84251	0.00364	0.00366	0.01985	0.0202	1.15E-04	1.45E-06	1.48E-06	1.29E-05	1.30E-05	1.4334E-04
605666.66	4201657.64	3664.56435	0.00378	0.0038	0.02091	0.02131	1.16E-04	1.51E-06	1.54E-06	1.35E-05	1.37E-05	1.4653E-04
605667.86	4201640.21	3623.02033	0.0037	0.00373	0.02042	0.02079	1.15E-04	1.48E-06	1.51E-06	1.32E-05	1.34E-05	1.4450E-04
605676.3	4201482.12	4992.40949	0.00431	0.00435	0.02132	0.02168	1.58E-04	1.72E-06	1.76E-06	1.38E-05	1.40E-05	1.8957E-04
605679.28	4201449.87	5639.01275	0.00461	0.00465	0.02219	0.02255	1.79E-04	1.84E-06	1.88E-06	1.44E-05	1.45E-05	2.1144E-04
605679.91	4201566.03	3721.81831	0.00356	0.00359	0.01919	0.01951	1.18E-04	1.42E-06	1.45E-06	1.24E-05	1.26E-05	1.4590E-04
605680.74	4201532.99	4031.09538	0.00372	0.00376	0.01949	0.01981	1.28E-04	1.49E-06	1.52E-06	1.26E-05	1.28E-05	1.5622E-04
605752.64	4201613.91	3905.76115	0.0038	0.00383	0.02139	0.02178	1.24E-04	1.52E-06	1.55E-06	1.39E-05	1.40E-05	1.5481E-04
605753.43	4201572.13	3965.29491	0.0037	0.00373	0.02058	0.02094	1.26E-04	1.48E-06	1.51E-06	1.33E-05	1.35E-05	1.5555E-04
605753.43	4201592.62	3905.16587	0.00373	0.00376	0.02088	0.02125	1.24E-04	1.49E-06	1.52E-06	1.35E-05	1.37E-05	1.5406E-04
605755.8	4201636.77	4080.06293	0.004	0.00403	0.02258	0.02301	1.29E-04	1.60E-06	1.63E-06	1.46E-05	1.48E-05	1.6206E-04
605756.59	4201659.63	4179.86476	0.00412	0.00414	0.02342	0.02387	1.33E-04	1.65E-06	1.67E-06	1.52E-05	1.54E-05	1.6642E-04
605756.59	4201550.06	4167.72506	0.00379	0.00383	0.02075	0.02111	1.32E-04	1.51E-06	1.55E-06	1.34E-05	1.36E-05	1.6227E-04
605757.37	4201681.7	4094.6255	0.0041	0.00412	0.02348	0.02394	1.30E-04	1.64E-06	1.67E-06	1.52E-05	1.54E-05	1.6378E-04
605758.95	4201524.04	4607.90049	0.00407	0.00411	0.02159	0.02196	1.46E-04	1.63E-06	1.66E-06	1.40E-05	1.42E-05	1.7754E-04
605760.53	4201505.91	5045.57785	0.00433	0.00438	0.02251	0.0229	1.60E-04	1.73E-06	1.77E-06	1.46E-05	1.48E-05	1.9283E-04
605762.1	4201482.26	5723.12474	0.00469	0.00474	0.02382	0.02422	1.81E-04	1.87E-06	1.92E-06	1.54E-05	1.56E-05	2.1631E-04
605764.55	4201731.52	3661.07298	0.00383	0.00384	0.02249	0.02295	1.16E-04	1.53E-06	1.55E-06	1.46E-05	1.48E-05	1.4854E-04
605767.62	4201463.35	6094.83064	0.00483	0.00488	0.02416	0.02456	1.93E-04	1.93E-06	1.97E-06	1.56E-05	1.58E-05	2.2865E-04
605767.9	4201752.3	3492.58858	0.00372	0.00373	0.02204	0.0225	1.11E-04	1.49E-06	1.51E-06	1.43E-05	1.45E-05	1.4252E-04
605767.9	4201771.74	3358.65345	0.00363	0.00364	0.02165	0.02211	1.06E-04	1.45E-06	1.47E-06	1.40E-05	1.43E-05	1.3770E-04
605768.57	4201808.61	3255.06438	0.00358	0.00359	0.02143	0.0219	1.03E-04	1.43E-06	1.45E-06	1.39E-05	1.41E-05	1.3410E-04
605774.72	4201432.6	6307.92373	0.00479	0.00484	0.0234	0.02377	2.00E-04	1.91E-06	1.96E-06	1.52E-05	1.53E-05	2.3437E-04
605796.06	4201826.04	3424.49927	0.00372	0.00372	0.02228	0.02279	1.09E-04	1.49E-06	1.50E-06	1.44E-05	1.47E-05	1.4070E-04
605803.82	4201672.8	4426.92894	0.00429	0.00431	0.02478	0.02528	1.40E-04	1.71E-06	1.74E-06	1.60E-05	1.63E-05	1.7618E-04
605804.38	4201419.48	6425.21297	0.0047	0.00475	0.02296	0.02329	2.04E-04	1.88E-06	1.92E-06	1.49E-05	1.50E-05	2.3742E-04
605804.49	4201580.95	4619.7761	0.00423	0.00426	0.0235	0.02394	1.46E-04	1.69E-06	1.72E-06	1.52E-05	1.54E-05	1.8056E-04
605810.53	4201617.83	4751.78476	0.00441	0.00443	0.02491	0.02539	1.51E-04	1.76E-06	1.79E-06	1.61E-05	1.64E-05	1.8673E-04
605814.67	4201508.36	5741.19481	0.00474	0.00479	0.02496	0.02539	1.82E-04	1.89E-06	1.94E-06	1.62E-05	1.64E-05	2.1841E-04
605814.67	4201534.29	5225.4926	0.0045	0.00454	0.02423	0.02466	1.66E-04	1.80E-06	1.84E-06	1.57E-05	1.59E-05	2.0092E-04
605816.17	4201744.25	3626.57664	0.00378	0.00379	0.02272	0.02319	1.15E-04	1.51E-06	1.53E-06	1.47E-05	1.50E-05	1.4771E-04
605819.2	4201487.79	5971.95741	0.00479	0.00484	0.02486	0.02527	1.89E-04	1.91E-06	1.96E-06	1.61E-05	1.63E-05	2.2563E-04
605820.86	4201722.13	3856.33352	0.00393	0.00394	0.0234	0.02388	1.22E-04	1.57E-06	1.59E-06	1.52E-05	1.54E-05	1.5600E-04
605820.86	4201768.39	3375.20441	0.00359	0.0036	0.02196	0.02241	1.07E-04	1.43E-06	1.46E-06	1.42E-05	1.45E-05	1.3859E-04
605823.31	4201467.62	6112.40036	0.00478	0.00483	0.02441	0.02479	1.94E-04	1.91E-06	1.95E-06	1.58E-05	1.60E-05	2.2947E-04
605826.19	4201439.64	6339.37863	0.00474	0.00479	0.0237	0.02405	2.01E-04	1.89E-06	1.94E-06	1.53E-05	1.55E-05	2.3570E-04
605827.96	4201666.77	4626.10247	0.0044	0.00442	0.02551	0.02602	1.47E-04	1.76E-06	1.79E-06	1.65E-05	1.68E-05	1.8353E-04
605829.3	4201579.61	5082.39924	0.00452	0.00456	0.02518	0.02565	1.61E-04	1.80E-06	1.84E-06	1.63E-05	1.65E-05	1.9765E-04
605830.25	4201806.6	3425.60546	0.00368	0.00368	0.02242	0.02291	1.09E-04	1.47E-06	1.49E-06	1.45E-05	1.48E-05	1.4087E-04
605842.32	4201838.78	3670.34646	0.00389	0.00389	0.02346	0.024	1.16E-04	1.55E-06	1.57E-06	1.52E-05	1.55E-05	1.5018E-04
605846.73	4201613.8	5214.78463	0.00468	0.00471	0.02657	0.02708	1.65E-04	1.87E-06	1.91E-06	1.72E-05	1.75E-05	2.0380E-04
605847.01	4201720.79	3896.6651	0.00393	0.00394	0.02365	0.02415	1.24E-04	1.57E-06	1.59E-06	1.53E-05	1.56E-05	1.5761E-04
605848.35	4201757.66	3489.54284	0.00364	0.00365	0.02245	0.02292	1.11E-04	1.45E-06	1.48E-06	1.45E-05	1.48E-05	1.4290E-04
605850.75	4201582.29	5377.01384	0.0047	0.00473	0.02632	0.02681	1.70E-04	1.88E-06	1.91E-06	1.70E-05	1.73E-05	2.0862E-04
605851.42	4201667.44	4668.19419	0.00441	0.00442	0.02577	0.02629	1.48E-04	1.76E-06	1.79E-06	1.67E-05	1.70E-05	1.8521E-04
605854.59	4201515.36	5844.59535	0.00478	0.00482	0.02561	0.02605	1.85E-04	1.91E-06	1.95E-06	1.66E-05	1.68E-05	2.2257E-04
605854.59	4201537.17	5746.33812	0.0048	0.00484	0.02611	0.02657	1.82E-04	1.92E-06	1.96E-06	1.69E-05	1.71E-05	2.2013E-04
605857.05	4201470.09	6026.47462	0.00466	0.00471	0.02419	0.02456	1.91E-04	1.86E-06	1.91E-06	1.57E-05	1.58E-05	2.2636E-04
605857.05	4201491.49	5905.76506	0.0047	0.00475	0.02482	0.02522	1.87E-04	1.88E-06	1.92E-06	1.61E-05	1.63E-05	2.2340E-04
605860.35	4201439.64	6361.03594	0.00465	0.0047	0.02358	0.02391	2.02E-04	1.86E-06	1.90E-06	1.53E-05	1.54E-05	2.3615E-04
605865.78	4201716.1	3977.09459	0.00397	0.00398	0.02399	0.0245	1.26E-04	1.59E-06	1.61E-06	1.55E-05	1.58E-05	1.6064E-04
605870.86	4201658.05	4860.86679	0.0045	0.00452	0.02636	0.0269	1.54E-04	1.80E-06	1.83E-06	1.71E-05	1.73E-05	1.9218E-04
605872.48	4201754.31	3595.1621	0.0037	0.00371	0.02295	0.02343	1.14E-04	1.48E-06	1.50E-06	1.49E-05	1.51E-05	1.4695E-04
605873.15	4201846.82	3872.85969	0.00403	0.00403	0.02435	0.02491	1.23E-04	1.61E-06	1.63E-06	1.58E-05	1.61E-05	1.5788E-04
605875.56	4201623.19	5446.12612	0.00482	0.00485	0.02767	0.02821	1.73E-04	1.92E-06	1.96E-06	1.79E-05	1.82E-05	2.1269E-04
605888.57	4201714.09	4056.91994	0.004	0.00401	0.02438	0.02489	1.29E-04	1.60E-06	1.62E-06	1.58E-05	1.61E-05	1.6370E-04
605889.24	4201803.25	3650.40856	0.00381	0.00381	0.02356	0.02408	1.16E-04	1.52E-06	1.54E-06	1.53E-05	1.55E-05	1.4960E-04
605889.63	4201654.7	4945.04244	0.00453	0.00455	0.02667	0.02721	1.57E-04	1.81E-06	1.84E-06	1.73E-05	1.75E-05	1.9527E-04
605892.86	4201424.83	6719.86786	0.00463	0.00468	0.02348	0.02379	2.13E-04	1.85E-06	1.89E-06	1.52E-05	1.53E-05	2.4737E-04
605893.94	4201834.09	3925.33531	0.00405	0.00405	0.02463	0.0252	1.24E-04	1.62E-06	1.64E-06	1.60E-05	1.63E-05	1.5992E-04
605895.28	4201750.29	3719.3805	0.00377	0.00378	0.02351	0.024	1.18E-04	1.51E-06	1.53E-06	1.52E-05	1.55E-05	1.5167E-04
605904.79	4201542.52	5590.05555	0.00464	0.00467	0.02586	0.0263	1.77E-04	1.85E-06	1.89E-06	1.67E-05	1.70E-05	2.1470E-04
605905.72	4201609.78	5839.52985	0.00501	0.00503	0.02872	0.02926	1.85E-04	2.00E-06	2.03E-06	1.86E-05	1.89E-05	2.2667E-04
605907.73	4201585.65	5962.36395	0.00501	0.00504	0.02845	0.02897	1.89E-04	2.00E-06	2.04E-06	1.84E-05	1.87E-05	2.3020E-04
605908.49	4201515.36	5693.45456	0.00457	0.00461	0.02511	0.02551	1.81E-04	1.82E-06	1.86E-06	1.63E-05	1.65E-05	2.1693E-04
605910.7	4201707.38	4220.18115	0.00409	0.0041	0.025	0.02554	1.34E-04	1.63E-06	1.66E-06	1.62E-05	1.65E-05	1.6977E-04
605911.09	4201656.04	4935.66421	0.00451	0.00452	0.02675	0.02729	1.57E-04	1.80E-06	1.83E-06	1.73E-05	1.76E-05	1.9506E-04
605913.84	4201470.5	5999.12864	0.00444	0.00449	0.02384	0.02416	1.90E-04	1.77E-06	1.82E-06	1.54E-05	1.56E-05	2.2483E-04
605915.08	4201442.93	6481.95711	0.00454	0.0046	0.02371	0.02402	2.06E-04	1.81E-06	1.86E-06	1.54E-05	1.55E-05	2.4005E-04
605915.39	4201747.61	3847.72261	0.00385	0.00386	0.02407	0.02459	1.22E-04	1.54E-06	1.56E-06	1.56E-05	1.59E-05	1.5655E-04
605915.9	4201491.49	5855.36232	0.0045	0.00455	0.02448	0.02484	1.86E-04	1.80E-06	1.84E-06	1.59E-05	1.60E-05	2.2118E-04
605926.78	4201793.19	3699.01726	0.00378	0.00379	0.02388	0.0244	1.17E-04	1.51E-06	1.53E-06	1.55E-05	1.57E-05	1.5153E-04
605928.13	4201818.67	3911.19123	0.004	0.004	0.02474	0.0253	1.24E-04	1.60E-06	1.62E-06	1.60E-05	1.63E-05	1.5957E-04
605933.21	4201650.01	5203.61217	0.00465	0.00466	0.02762	0.02818	1.65E-04	1.86E-06	1.89E-06	1.79E-05	1.82E-05	2.0480E-04
605933.49	4201706.71	4357.13827	0.00417	0.00418	0.0256	0.02615	1.38E-04	1.67E-06	1.69E-06	1.66E-05	1.69E-05	1.7496E-04
605935.89	4201593.02	6217.06049	0.00515	0.00517	0.02949	0.03003	1.97E-04	2.06E-06	2.09E-06	1.91E-05	1.94E-05	2.3975E-04
605941.53	4201742.91	4072.82602	0.004	0.00401	0.025	0.02554	1.29E-04	1.60E-06	1.62E-06	1.62E-05	1.65E-05	1.6502E-04
605949.23	4201544.16	5881.11181	0.00475	0.00479	0.02681	0.02726	1.86E-04	1.90E-06	1.94E-06	1.74E-05	1.76E-05	2.2526E-04
605949.58	4201844.81	4218.04735	0.00423	0.00422	0.02589	0.0265	1.34E-04	1.69E-06	1.71E-06	1.68E-05	1.71E-05	1.7100E-04
605950.05	4201518.65	5936.3346	0.00465	0.00469	0.02591	0.02631	1.88E-04	1.86E-06	1.90E-06	1.68E-05	1.70E-05	2.2573E-04
605951.7	4201477.5	6259.88968	0.00456	0.00461	0.02479	0.02513	1.98E-04	1.82E-06	1.86E-06	1.61E-05	1.62E-05	2.3444E-04
605954.66	4201647.32	5452.2612	0.00477	0.00479	0.02845	0.02902	1.73E-04	1.90E-06	1.94E-06	1.84E-05	1.87E-05	2.1387E-04
605954.99	4201496.02	6128.54122	0.00462	0.00466	0.02538	0.02575	1.94E-04	1.84E-06	1.89E-06	1.64E-05	1.66E-05	2.3110E-04
605956.28	4201701.35	4616.48615	0.00433	0.00433	0.02656	0.02712	1.46E-04	1.73E-06	1.75E-06	1.72E-05	1.75E-05	1.8455E-04
605957.05	4201448.69	7011.13166	0.00484	0.00489	0.02527	0.02561	2.22E-04	1.93E-06	1.98E-06	1.64E-05	1.65E-05	2.5910E-04
605963.66	4201742.24	4288.14474	0.00415	0.00415	0.02588	0.02645	1.36E-04	1.66E-06	1.68E-06	1.68E-05	1.71E-05	1.7312E-04
605964.05	4201596.37	6506.21955	0.00529	0.00531	0.03049	0.03103	2.06E-04	2.11E-06	2.15E-06	1.97E-05	2.00E-05	2.5032E-04
605972.76	4201645.31	5733.42176	0.00492	0.00494	0.02936	0.02994	1.82E-04	1.96E-06	2.00E-06	1.90E-05	1.93E-05	2.2408E-04
605977.73	4201697.33	4912.9464	0.0045	0.00451	0.02761	0.02819	1.56E-04	1.80E-06	1.82E-06	1.79E-05	1.82E-05	1.9546E-04
605978.4	4201840.12	4267.162	0.00424	0.00424	0.02621	0.02683	1.35E-04	1.69E-06	1.72E-06	1.70E-05	1.73E-05	1.7299E-04
605984.21	4201435.94	7948.65897	0.00522	0.00528	0.02672	0.02709	2.52E-04	2.08E-06	2.14E-06	1.73E-05	1.75E-05	2.9104E-04
605984.44	4201737.55	4586.22495	0.00434	0.00435	0.02698	0.02758	1.45E-04	1.73E-06	1.76E-06	1.75E-05	1.78E-05	1.8417E-04
605986.17	4201587.66	6751.10789	0.00536	0.00539	0.03091	0.03145	2.14E-04	2.14E-06	2.18E-06	2.00E-05	2.03E-05	2.5869E-04
605990.47	4201806.6	4055.11412	0.00401	0.00401	0.02551	0.02609	1.29E-04	1.60E-06	1.62E-06	1.65E-05	1.68E-05	1.6515E-04
605993.15	4201787.83	4130.61382	0.00405	0.00404	0.02573	0.02631	1.31E-04	1.62E-06	1.63E-06	1.67E-05	1.70E-05	1.6786E-04
605998.91	4201636.6	6325.91269	0.00522	0.00524	0.03104	0.03162	2.01E-04	2.08E-06	2.12E-06	2.01E-05	2.04E-05	2.4528E-04
605999.86	4201691.29	5299.64601	0.00472	0.00473	0.02887	0.02947	1.68E-04	1.88E-06	1.91E-06	1.87E-05	1.90E-05	2.0954E-04
606001.9	4201630.87	6528.6162	0.00503	0.00507	0.02848	0.02894	2.07E-04	2.01E-06	2.05E-06	1.84E-05	1.87E-05	2.4818E-04
606004.78	4201518.24	6636.16919	0.00497	0.00501	0.02776	0.02819	2.10E-04	1.98E-06	2.03E-06	1.80E-05	1.82E-05	2.5059E-04
606005.22	4201734.87	4809.05901	0.00447	0.00448	0.0278	0.02841	1.52E-04	1.78E-06	1.81E-06	1.80E-05	1.83E-05	1.9241E-04
606005.3	4201499.08	6881.54144	0.00501	0.00505	0.02749	0.02791	2.18E-04	2.00E-06	2.04E-06	1.78E-05	1.80E-05	2.5805E-04
606006.95	4201591.01	6998.01762	0.00548	0.0055	0.03169	0.03224	2.22E-04	2.19E-06	2.22E-06	2.05E-05	2.08E-05	2.6762E-04
606009.49	4201477.75	7323.95775	0.00512	0.00517	0.0275	0.0279	2.32E-04	2.04E-06	2.09E-06	1.78E-05	1.80E-05	2.7217E-04
606012.6	4201448.69	8056.999	0.00529	0.00535	0.02757	0.02796	2.55E-04	2.11E-06	2.16E-06	1.79E-05	1.80E-05	2.9564E-04
606018.35	4201631.9	6529.2201	0.0053	0.00532	0.03151	0.0321	2.07E-04	2.12E-06	2.15E-06	2.04E-05	2.07E-05	2.5241E-04
606026	4201688.61	5577.66117	0.00486	0.00487	0.02977	0.03038	1.77E-04	1.94E-06	1.97E-06	1.93E-05	1.96E-05	2.1964E-04
606028.01	4201804.59	4285.31758	0.00413	0.00413	0.02649	0.0271	1.36E-04	1.65E-06	1.67E-06	1.72E-05	1.75E-05	1.7383E-04
606028.68	4201755.15	4386.08472	0.00419	0.00419	0.02678	0.02739	1.39E-04	1.67E-06	1.69E-06	1.73E-05	1.77E-05	1.7745E-04
606029.35	4201731.52	4908.4016	0.00451	0.00451	0.0282	0.02881	1.56E-04	1.80E-06	1.82E-06	1.83E-05	1.86E-05	1.9611E-04
606029.75	4201589.67	7268.43129	0.00558	0.00561	0.03233	0.03288	2.30E-04	2.23E-06	2.27E-06	2.09E-05	2.12E-05	2.7711E-04
606037.79	4201634.59	6549.34793	0.00529	0.00531	0.0316	0.03219	2.08E-04	2.11E-06	2.15E-06	2.05E-05	2.08E-05	2.5315E-04
606042.76	4201830.73	4549.90369	0.00437	0.00436	0.02753	0.02819	1.44E-04	1.74E-06	1.76E-06	1.78E-05	1.82E-05	1.8379E-04
606048.12	4201685.26	5539.21496	0.00481	0.00482	0.02964	0.03023	1.76E-04	1.92E-06	1.95E-06	1.92E-05	1.95E-05	2.1820E-04
606053.21	4201593.02	7502.80755	0.00568	0.0057	0.03299	0.03355	2.38E-04	2.27E-06	2.31E-06	2.14E-05	2.16E-05	2.8548E-04
606054.16	4201725.48	5048.03219	0.00456	0.00456	0.02867	0.02928	1.60E-04	1.82E-06	1.84E-06	1.86E-05	1.89E-05	2.0118E-04
606054.96	4201471.1	8333.12359	0.00549	0.00554	0.02931	0.02974	2.64E-04	2.19E-06	2.24E-06	1.90E-05	1.92E-05	3.0683E-04
606057.41	4201447.66	9056.07157	0.00566	0.00572	0.02942	0.02984	2.87E-04	2.26E-06	2.31E-06	1.91E-05	1.92E-05	3.3003E-04
606057.76	4201494.89	8226.3939	0.0056	0.00565	0.03045	0.03091	2.61E-04	2.24E-06	2.29E-06	1.97E-05	1.99E-05	3.0502E-04
606058.46	4201539.31	7941.63413	0.00569	0.00572	0.03195	0.03247	2.52E-04	2.27E-06	2.31E-06	2.07E-05	2.09E-05	2.9803E-04
606059.25	4201628.55	6883.66165	0.00543	0.00545	0.03235	0.03293	2.18E-04	2.17E-06	2.20E-06	2.09E-05	2.12E-05	2.6483E-04
606061.96	4201516.57	8083.42218	0.00564	0.00568	0.03121	0.0317	2.56E-04	2.25E-06	2.30E-06	2.02E-05	2.04E-05	3.0152E-04
606070.25	4201675.21	5855.13971	0.00496	0.00496	0.03042	0.03101	1.86E-04	1.98E-06	2.01E-06	1.97E-05	2.00E-05	2.2934E-04
606074.67	4201584.98	7970.9501	0.00585	0.00588	0.03381	0.03437	2.53E-04	2.34E-06	2.38E-06	2.19E-05	2.22E-05	3.0152E-04
606077.62	4201831.4	4779.00345	0.00449	0.00448	0.02851	0.0292	1.52E-04	1.79E-06	1.81E-06	1.85E-05	1.88E-05	1.9244E-04
606078.96	4201722.8	5250.81657	0.00465	0.00465	0.02934	0.02995	1.66E-04	1.86E-06	1.88E-06	1.90E-05	1.93E-05	2.0855E-04
606082.04	4201724.53	7321.14396	0.00562	0.00563	0.03335	0.03394	2.32E-04	2.24E-06	2.28E-06	2.16E-05	2.19E-05	2.8015E-04
606083.3	4201427.03	10625.39104	0.00608	0.00614	0.03084	0.03127	3.37E-04	2.43E-06	2.48E-06	2.00E-05	2.02E-05	3.8197E-04
606085.67	4201779.79	4852.20137	0.00443	0.00443	0.0286	0.02924	1.54E-04	1.77E-06	1.79E-06	1.85E-05	1.89E-05	1.9480E-04
606090.36	4201797.89	4797.67287	0.00441	0.0044	0.02853	0.02919	1.52E-04	1.76E-06	1.78E-06	1.85E-05	1.88E-05	1.9297E-04
606095.72	4201675.21	6201.61864	0.00513	0.00513	0.0314	0.03199	1.97E-04	2.05E-06	2.08E-06	2.03E-05	2.06E-05	2.4173E-04
606099.47	4201581.62	8507.73742	0.00606	0.00609	0.03484	0.0354	2.70E-04	2.42E-06	2.46E-06	2.26E-05	2.28E-05	3.2004E-04
606101.76	4201726.82	5443.57565	0.00475	0.00475	0.03002	0.03063	1.73E-04	1.90E-06	1.92E-06	1.94E-05	1.98E-05	2.1562E-04
606102.82	4201623.19	7803.8853	0.00583	0.00584	0.03447	0.03507	2.47E-04	2.33E-06	2.36E-06	2.23E-05	2.26E-05	2.9708E-04
606107.43	4201441.37	10422.08189	0.00604	0.0061	0.03123	0.03167	3.30E-04	2.41E-06	2.47E-06	2.02E-05	2.04E-05	3.7600E-04
606108.13	4201514.12	8512.84773	0.00572	0.00576	0.03177	0.03226	2.70E-04	2.28E-06	2.33E-06	2.06E-05	2.08E-05	3.1592E-04
606112.33	4201491.04	8886.23021	0.00573	0.00578	0.03129	0.03176	2.82E-04	2.29E-06	2.34E-06	2.03E-05	2.05E-05	3.2714E-04
606113.03	4201537.21	8819.98842	0.00599	0.00602	0.03358	0.03412	2.80E-04	2.39E-06	2.44E-06	2.17E-05	2.20E-05	3.2825E-04
606113.38	4201469.7	9359.04019	0.00578	0.00584	0.03096	0.03142	2.97E-04	2.31E-06	2.36E-06	2.00E-05	2.03E-05	3.4174E-04
606118.24	4201586.99	8885.53194	0.00623	0.00625	0.03577	0.03633	2.82E-04	2.49E-06	2.53E-06	2.32E-05	2.34E-05	3.3336E-04
606121.87	4201679.23	6593.71957	0.00533	0.00533	0.0325	0.03312	2.09E-04	2.13E-06	2.16E-06	2.10E-05	2.14E-05	2.5577E-04
606125.89	4201728.17	5722.26017	0.0049	0.0049	0.03089	0.03151	1.81E-04	1.96E-06	1.98E-06	2.00E-05	2.03E-05	2.2571E-04
606129.64	4201621.18	8603.45602	0.00617	0.00618	0.03619	0.03679	2.73E-04	2.46E-06	2.50E-06	2.34E-05	2.37E-05	3.2493E-04
606129.91	4201828.72	5049.29785	0.00457	0.00455	0.02973	0.03044	1.60E-04	1.82E-06	1.84E-06	1.93E-05	1.96E-05	2.0266E-04

606130.58	4201805.26	5155.21897	0.00461	0.0046	0.02995	0.03064	1.63E-04	1.84E-06	1.86E-06	1.94E-05	1.98E-05	2.0632E-04
606133.93	4201786.49	5309.91714	0.00469	0.00468	0.03032	0.03099	1.68E-04	1.87E-06	1.89E-06	1.96E-05	2.00E-05	2.1176E-04
606141.04	4201589.67	9379.23595	0.00642	0.00644	0.03677	0.03734	2.97E-04	2.56E-06	2.61E-06	2.38E-05	2.41E-05	3.5046E-04
606143.99	4201858.89	5400.97353	0.00493	0.0049	0.03106	0.03184	1.71E-04	1.97E-06	1.98E-06	2.01E-05	2.05E-05	2.1586E-04
606147.07	4201623.19	8996.97609	0.00633	0.00634	0.03703	0.03763	2.85E-04	2.53E-06	2.56E-06	2.40E-05	2.43E-05	3.3862E-04
606149.35	4201736.88	5956.88948	0.00503	0.00503	0.03171	0.03234	1.89E-04	2.01E-06	2.03E-06	2.05E-05	2.09E-05	2.3432E-04
606149.76	4201533.71	9355.67999	0.00613	0.00616	0.0343	0.03484	2.97E-04	2.45E-06	2.49E-06	2.22E-05	2.25E-05	3.4628E-04
606154.05	4201702.02	6666.46813	0.00538	0.00538	0.03306	0.03369	2.11E-04	2.15E-06	2.18E-06	2.14E-05	2.17E-05	2.5885E-04
606158.5	4201482.99	9742.82211	0.0059	0.00594	0.03213	0.03261	3.09E-04	2.36E-06	2.40E-06	2.08E-05	2.10E-05	3.5553E-04
606159.41	4201679.23	7406.10312	0.0057	0.0057	0.03449	0.03514	2.35E-04	2.28E-06	2.31E-06	2.23E-05	2.27E-05	2.8442E-04
606161.65	4201457.81	10827.75791	0.00613	0.00619	0.03251	0.03298	3.43E-04	2.45E-06	2.50E-06	2.11E-05	2.13E-05	3.9061E-04
606162.49	4201601.07	9794.85569	0.00661	0.00663	0.03788	0.03847	3.11E-04	2.64E-06	2.68E-06	2.45E-05	2.48E-05	3.6524E-04
606166.11	4201859.56	5457.25225	0.00494	0.00491	0.03146	0.03225	1.73E-04	1.97E-06	1.99E-06	2.04E-05	2.08E-05	2.1817E-04
606167.94	4201503.63	9601.17253	0.00598	0.00602	0.03303	0.03355	3.04E-04	2.39E-06	2.44E-06	2.14E-05	2.16E-05	3.5229E-04
606169.34	4201536.16	9718.47201	0.00625	0.00628	0.035	0.03556	3.08E-04	2.50E-06	2.54E-06	2.27E-05	2.29E-05	3.5879E-04
606172.54	4201623.86	9602.05278	0.00655	0.00657	0.03815	0.03877	3.04E-04	2.62E-06	2.66E-06	2.47E-05	2.50E-05	3.5945E-04
606182.87	4201797.22	6001.24183	0.00514	0.00512	0.03271	0.03343	1.90E-04	2.05E-06	2.07E-06	2.12E-05	2.16E-05	2.3716E-04
606182.87	4201815.32	5794.56331	0.00504	0.00501	0.0323	0.03303	1.84E-04	2.01E-06	2.03E-06	2.09E-05	2.13E-05	2.3000E-04
606186.48	4201435.77	13204.52467	0.00671	0.00678	0.03449	0.03497	4.19E-04	2.68E-06	2.74E-06	2.23E-05	2.26E-05	4.6901E-04
606186.89	4201842.13	5566.34321	0.00491	0.00488	0.03187	0.03262	1.77E-04	1.96E-06	1.97E-06	2.06E-05	2.10E-05	2.2211E-04
606187.56	4201772.41	6242.97961	0.00524	0.00522	0.03308	0.03377	1.98E-04	2.09E-06	2.11E-06	2.14E-05	2.18E-05	2.4536E-04
606194.94	4201745.6	6682.57536	0.00544	0.00542	0.03384	0.03451	2.12E-04	2.17E-06	2.19E-06	2.19E-05	2.23E-05	2.6043E-04
606202.98	4201718.78	7448.83505	0.00578	0.00577	0.03527	0.03596	2.36E-04	2.31E-06	2.33E-06	2.28E-05	2.32E-05	2.8687E-04
606207.68	4201693.98	8247.13749	0.00609	0.00608	0.03664	0.03734	2.62E-04	2.43E-06	2.46E-06	2.37E-05	2.41E-05	3.1421E-04
606208.52	4201434.72	14353.12832	0.00698	0.00705	0.03573	0.03624	4.55E-04	2.79E-06	2.85E-06	2.31E-05	2.34E-05	5.0727E-04
606212.37	4201484.74	10831.49516	0.00617	0.00621	0.0337	0.03421	3.43E-04	2.46E-06	2.51E-06	2.18E-05	2.21E-05	3.9231E-04
606214.45	4201529.7	10410.37968	0.00638	0.00641	0.0356	0.03617	3.30E-04	2.55E-06	2.59E-06	2.31E-05	2.33E-05	3.8162E-04
606216.45	4201599.79	11199.57541	0.00707	0.00709	0.04004	0.04067	3.55E-04	2.82E-06	2.87E-06	2.59E-05	2.62E-05	4.1297E-04
606217.24	4201646.32	10158.73994	0.00675	0.00675	0.03958	0.04024	3.22E-04	2.70E-06	2.73E-06	2.56E-05	2.60E-05	3.7913E-04
606219	4201578.94	11318.20014	0.00699	0.00701	0.03936	0.03997	3.59E-04	2.79E-06	2.84E-06	2.55E-05	2.58E-05	4.1578E-04
606221.97	4201624.24	10890.49512	0.007	0.00701	0.0403	0.04094	3.45E-04	2.80E-06	2.84E-06	2.61E-05	2.64E-05	4.0345E-04
606229.86	4201440.32	14801.71715	0.00709	0.00715	0.03649	0.03702	4.69E-04	2.83E-06	2.89E-06	2.36E-05	2.39E-05	5.2257E-04
606233.34	4201488.04	11254.42413	0.00628	0.00632	0.0344	0.03493	3.57E-04	2.51E-06	2.56E-06	2.23E-05	2.25E-05	4.0673E-04
606235.77	4201525.82	10732.14133	0.00642	0.00645	0.03575	0.03633	3.40E-04	2.56E-06	2.61E-06	2.32E-05	2.34E-05	3.9205E-04
606249.57	4201574.58	11933.45136	0.00712	0.00713	0.03998	0.04061	3.78E-04	2.84E-06	2.88E-06	2.59E-05	2.62E-05	4.3620E-04
606250.49	4201437.52	16411.11131	0.00742	0.00749	0.03795	0.0385	5.20E-04	2.96E-06	3.03E-06	2.46E-05	2.48E-05	5.7577E-04
606251.94	4201658.94	10898.99221	0.00704	0.00703	0.04113	0.04184	3.46E-04	2.81E-06	2.84E-06	2.66E-05	2.70E-05	4.0487E-04
606252.92	4201711.54	9124.00585	0.0065	0.00648	0.03885	0.03961	2.89E-04	2.60E-06	2.62E-06	2.52E-05	2.55E-05	3.4523E-04
606253.2	4201487.56	11880.00361	0.00644	0.00648	0.03518	0.03573	3.77E-04	2.57E-06	2.62E-06	2.28E-05	2.30E-05	4.2772E-04
606256.67	4201638.44	11578.07862	0.00724	0.00724	0.04173	0.04242	3.67E-04	2.89E-06	2.93E-06	2.70E-05	2.74E-05	4.2733E-04
606262.4	4201524.85	11280.95387	0.00655	0.00657	0.03637	0.03696	3.58E-04	2.62E-06	2.66E-06	2.36E-05	2.38E-05	4.1036E-04
606269.15	4201720.69	9388.93177	0.00665	0.00662	0.03962	0.0404	2.98E-04	2.66E-06	2.68E-06	2.57E-05	2.61E-05	3.5476E-04
606269.29	4201609.25	12664.31064	0.00755	0.00755	0.04245	0.04312	4.02E-04	3.01E-06	3.05E-06	2.75E-05	2.78E-05	4.6294E-04
606269.72	4201778.05	8411.79631	0.00646	0.00642	0.03887	0.03968	2.67E-04	2.58E-06	2.60E-06	2.52E-05	2.56E-05	3.2267E-04
606270.87	4201576.12	12311.31883	0.00721	0.00722	0.04047	0.04114	3.90E-04	2.88E-06	2.92E-06	2.62E-05	2.65E-05	4.4891E-04
606272.88	4201439.62	17439.72439	0.00761	0.00768	0.03897	0.03955	5.53E-04	3.04E-06	3.11E-06	2.52E-05	2.55E-05	6.0988E-04
606275.48	4201489.01	12571.75706	0.00663	0.00666	0.03611	0.03667	3.99E-04	2.65E-06	2.69E-06	2.34E-05	2.37E-05	4.5101E-04
606276.42	4201759.93	8843.90146	0.00659	0.00655	0.03943	0.04024	2.80E-04	2.63E-06	2.65E-06	2.55E-05	2.60E-05	3.3719E-04
606279.84	4201522.43	11688.75524	0.00662	0.00664	0.03671	0.03731	3.71E-04	2.64E-06	2.69E-06	2.38E-05	2.41E-05	4.2380E-04
606289.5	4201742.98	9533.33659	0.00683	0.00678	0.04052	0.04134	3.02E-04	2.73E-06	2.74E-06	2.62E-05	2.67E-05	3.6066E-04
606291.38	4201574.55	12384.70511	0.0072	0.00721	0.04034	0.04103	3.93E-04	2.87E-06	2.92E-06	2.61E-05	2.65E-05	4.5108E-04
606292.47	4201438.92	18854.39101	0.00786	0.00792	0.0401	0.04072	5.98E-04	3.14E-06	3.20E-06	2.60E-05	2.63E-05	6.5642E-04
606293.82	4201678.82	11758.17113	0.0074	0.00737	0.04307	0.04383	3.73E-04	2.95E-06	2.98E-06	2.79E-05	2.83E-05	4.3493E-04
606297.28	4201490.95	13303.64023	0.00682	0.00685	0.03708	0.03767	4.22E-04	2.72E-06	2.77E-06	2.40E-05	2.43E-05	4.7564E-04
606298.76	4201611.71	13360.92417	0.0077	0.0077	0.04332	0.04403	4.24E-04	3.07E-06	3.11E-06	2.81E-05	2.84E-05	4.8629E-04
606300.16	4201729.9	10184.25059	0.00704	0.007	0.04152	0.04235	3.23E-04	2.81E-06	2.83E-06	2.69E-05	2.73E-05	3.8277E-04
606304.54	4201523.88	12232.98812	0.00674	0.00676	0.03736	0.03798	3.88E-04	2.69E-06	2.73E-06	2.42E-05	2.45E-05	4.4200E-04
606309.88	4201659.06	13087.29814	0.00782	0.00781	0.04472	0.04548	4.15E-04	3.12E-06	3.16E-06	2.90E-05	2.93E-05	4.7955E-04
606312.67	4201570.6	12510.43395	0.0072	0.0072	0.04018	0.04088	3.97E-04	2.87E-06	2.91E-06	2.60E-05	2.64E-05	4.5486E-04
606314.81	4201788.73	9867.48249	0.00723	0.00717	0.0427	0.04361	3.13E-04	2.89E-06	2.90E-06	2.77E-05	2.81E-05	3.7445E-04
606315.23	4201638.06	13744.87582	0.00796	0.00796	0.04495	0.04571	4.36E-04	3.18E-06	3.22E-06	2.91E-05	2.95E-05	5.0082E-04
606315.55	4201437.87	20864.09914	0.00819	0.00825	0.04159	0.04225	6.62E-04	3.27E-06	3.34E-06	2.69E-05	2.72E-05	7.2236E-04
606319.56	4201491.43	14214.65962	0.00705	0.00708	0.03815	0.03876	4.51E-04	2.82E-06	2.86E-06	2.47E-05	2.50E-05	5.0611E-04
606323.91	4201523.4	12714.20612	0.00683	0.00684	0.03781	0.03844	4.03E-04	2.73E-06	2.77E-06	2.45E-05	2.48E-05	4.5792E-04
606326.76	4201698.59	12466.01552	0.00774	0.00771	0.04489	0.04571	3.95E-04	3.09E-06	3.12E-06	2.91E-05	2.95E-05	4.6004E-04
606330.59	4201761.12	10731.99118	0.00746	0.00741	0.04373	0.04463	3.40E-04	2.98E-06	3.00E-06	2.83E-05	2.88E-05	4.0337E-04
606330.81	4201577.7	13026.91665	0.00737	0.00737	0.04113	0.04186	4.13E-04	2.94E-06	2.98E-06	2.66E-05	2.70E-05	4.7262E-04
606336.02	4201492.4	14888.90152	0.00721	0.00724	0.03893	0.03957	4.72E-04	2.88E-06	2.93E-06	2.52E-05	2.55E-05	5.2864E-04
606336.54	4201438.57	22678.14014	0.00846	0.00852	0.04294	0.04363	7.19E-04	3.38E-06	3.45E-06	2.78E-05	2.81E-05	7.8186E-04
606339.11	4201680.06	13802.48672	0.00824	0.00822	0.0468	0.04761	4.38E-04	3.29E-06	3.33E-06	3.03E-05	3.07E-05	5.0528E-04
606346.36	4201775.32	11212.03558	0.00773	0.00768	0.04534	0.04629	3.56E-04	3.09E-06	3.11E-06	2.94E-05	2.99E-05	4.2093E-04
606348.13	4201523.88	13511.52021	0.00701	0.00703	0.03872	0.03937	4.28E-04	2.80E-06	2.84E-06	2.51E-05	2.54E-05	4.8454E-04
606348.58	4201660.71	14939.85662	0.00854	0.00855	0.04773	0.04853	4.74E-04	3.41E-06	3.46E-06	3.09E-05	3.13E-05	5.4280E-04
606356.48	4201437.17	25309.07646	0.00883	0.00889	0.04455	0.04527	8.03E-04	3.53E-06	3.60E-06	2.89E-05	2.92E-05	8.6768E-04
606356.84	4201575.34	13296.52689	0.00739	0.00739	0.04115	0.04189	4.22E-04	2.95E-06	2.99E-06	2.66E-05	2.70E-05	4.8122E-04
606357.23	4201635.59	15073.42938	0.00828	0.00827	0.0464	0.04722	4.78E-04	3.31E-06	3.35E-06	3.00E-05	3.05E-05	5.4511E-04
606357.41	4201787.15	11651.50068	0.00795	0.0079	0.04682	0.04777	3.69E-04	3.17E-06	3.20E-06	3.03E-05	3.08E-05	4.3695E-04
606361.21	4201490.46	16378.54437	0.00754	0.00757	0.04041	0.04109	5.19E-04	3.01E-06	3.06E-06	2.62E-05	2.65E-05	5.7808E-04
606365.08	4201531.15	13884.70412	0.00714	0.00715	0.03945	0.04012	4.40E-04	2.85E-06	2.89E-06	2.55E-05	2.59E-05	4.9743E-04
606373.59	4201720.63	13875.51467	0.00838	0.00834	0.04834	0.04926	4.40E-04	3.35E-06	3.37E-06	3.13E-05	3.18E-05	5.0977E-04
606374.98	4201580.86	13704.98394	0.00752	0.00751	0.04179	0.04256	4.35E-04	3.00E-06	3.04E-06	2.71E-05	2.74E-05	4.9512E-04
606381.66	4201440.67	27457.83147	0.00913	0.00918	0.04611	0.04688	8.71E-04	3.65E-06	3.71E-06	2.99E-05	3.02E-05	9.3810E-04
606383.49	4201491.43	17663.17448	0.00782	0.00784	0.04172	0.04244	5.60E-04	3.12E-06	3.17E-06	2.70E-05	2.74E-05	6.2076E-04
606386.35	4201698.4	15467.7642	0.00883	0.00883	0.05021	0.05112	4.90E-04	3.53E-06	3.57E-06	3.25E-05	3.30E-05	5.6304E-04
606388.41	4201737.51	13952.64196	0.00852	0.00848	0.04926	0.05022	4.42E-04	3.40E-06	3.43E-06	3.19E-05	3.24E-05	5.1354E-04
606388.82	4201528.24	15232.65352	0.00746	0.00746	0.04086	0.04158	4.83E-04	2.98E-06	3.02E-06	2.65E-05	2.68E-05	5.4228E-04
606396.28	4201577.7	13923.30937	0.00745	0.00744	0.04156	0.04232	4.41E-04	2.97E-06	3.01E-06	2.69E-05	2.73E-05	5.0168E-04
606400.2	4201441.37	29883.61596	0.00942	0.00947	0.0475	0.04831	9.48E-04	3.76E-06	3.83E-06	3.08E-05	3.12E-05	1.0171E-03
606400.76	4201753.16	14015.14723	0.00864	0.00861	0.05016	0.05117	4.44E-04	3.45E-06	3.48E-06	3.25E-05	3.30E-05	5.1682E-04
606400.88	4201682.12	16284.84005	0.00903	0.00903	0.05074	0.05167	5.16E-04	3.61E-06	3.65E-06	3.29E-05	3.33E-05	5.8981E-04
606403.83	4201491.43	19201.59771	0.00813	0.00815	0.04317	0.04393	6.09E-04	3.25E-06	3.30E-06	2.80E-05	2.83E-05	6.7169E-04
606409.52	4201629	15607.4981	0.0084	0.00836	0.04646	0.04737	4.95E-04	3.35E-06	3.38E-06	3.01E-05	3.06E-05	5.6226E-04
606409.64	4201527.76	16482.87458	0.00774	0.00774	0.04215	0.04291	5.23E-04	3.09E-06	3.13E-06	2.73E-05	2.77E-05	5.8384E-04
606411.88	4201772.51	14090.94243	0.00879	0.00875	0.05141	0.05245	4.47E-04	3.51E-06	3.54E-06	3.33E-05	3.38E-05	5.2097E-04
606415.59	4201718.16	16122.62654	0.00914	0.00913	0.05233	0.05333	5.11E-04	3.65E-06	3.69E-06	3.39E-05	3.44E-05	5.8685E-04
606415.7	4201656.59	15922.42719	0.00868	0.00864	0.0482	0.04914	5.05E-04	3.47E-06	3.49E-06	3.12E-05	3.17E-05	5.7474E-04
606417.34	4201441.37	32296.65565	0.00966	0.00971	0.04868	0.04951	1.02E-03	3.86E-06	3.93E-06	3.15E-05	3.19E-05	1.0953E-03
606421.52	4201578.49	15010.52428	0.00771	0.00769	0.0428	0.0436	4.76E-04	3.08E-06	3.11E-06	2.77E-05	2.81E-05	5.3799E-04
606425.14	4201492.89	20878.80795	0.00845	0.00846	0.04467	0.04547	6.62E-04	3.37E-06	3.42E-06	2.89E-05	2.93E-05	7.2708E-04
606430	4201786.92	14582.53451	0.00911	0.00907	0.05352	0.0546	4.62E-04	3.64E-06	3.67E-06	3.47E-05	3.52E-05	5.3957E-04
606431.64	4201498.04	15688.59548	0.00924	0.00921	0.05344	0.05451	4.97E-04	3.69E-06	3.73E-06	3.46E-05	3.52E-05	5.7464E-04
606431.92	4201532.6	17689.25388	0.00801	0.00801	0.04351	0.04431	5.61E-04	3.20E-06	3.24E-06	2.82E-05	2.86E-05	6.2409E-04
606433.4	4201693.65	16572.44816	0.00911	0.00907	0.05109	0.0521	5.25E-04	3.64E-06	3.67E-06	3.31E-05	3.36E-05	5.9948E-04
606441.24	4201580.07	16245.26058	0.00806	0.00803	0.04432	0.04517	5.15E-04	3.22E-06	3.25E-06	2.87E-05	2.91E-05	5.7941E-04
606444.62	4201444.87	36153.61329	0.01007	0.01011	0.05069	0.05157	1.15E-03	4.02E-06	4.09E-06	3.28E-05	3.33E-05	1.2206E-03
606447.91	4201503.06	21929.7306	0.00868	0.00868	0.04594	0.04678	6.95E-04	3.47E-06	3.51E-06	2.98E-05	3.02E-05	7.6226E-04
606453.07	4201608.46	16297.49012	0.00837	0.00832	0.04583	0.04674	5.17E-04	3.34E-06	3.37E-06	2.97E-05	3.01E-05	5.8330E-04
606454.65	4201658.94	15995.93019	0.00881	0.00875	0.04812	0.04912	5.07E-04	3.52E-06	3.54E-06	3.12E-05	3.17E-05	5.7711E-04
606455.43	4201631.34	15811.65052	0.00847	0.00841	0.04636	0.04729	5.01E-04	3.38E-06	3.40E-06	3.00E-05	3.05E-05	5.6867E-04
606456.22	4201751.23	16836.50983	0.00961	0.00957	0.05545	0.05658	5.34E-04	3.84E-06	3.87E-06	3.59E-05	3.65E-05	6.1397E-04
606459.38	4201686.55	16503.94024	0.00916	0.0091	0.05034	0.05139	5.23E-04	3.66E-06	3.68E-06	3.26E-05	3.31E-05	5.9640E-04
606459.53	4201534.54	19970.74609	0.00849	0.00848	0.04567	0.04653	6.33E-04	3.39E-06	3.43E-06	2.96E-05	3.00E-05	6.9965E-04
606461.74	4201579.28	17576.80493	0.00835	0.00832	0.04559	0.04648	5.57E-04	3.33E-06	3.37E-06	2.95E-05	3.00E-05	6.2353E-04
606474	4201459.56	37242.64527	0.0103	0.01033	0.05236	0.05327	1.18E-03	4.11E-06	4.18E-06	3.39E-05	3.44E-05	1.2575E-03
606498.84	4201448.36	52946.79815	0.01164	0.0117	0.0564	0.05731	1.68E-03	4.65E-06	4.73E-06	3.65E-05	3.70E-05	1.7617E-03
606507.25	4201499.81	31391.73102	0.00982	0.00981	0.051	0.05195	9.95E-04	3.92E-06	3.97E-06	3.30E-05	3.35E-05	1.0698E-03
606508.65	4201695.39	16835.92764	0.00936	0.0093	0.0506	0.05171	5.34E-04	3.74E-06	3.76E-06	3.28E-05	3.34E-05	6.0746E-04
606508.93	4201744.7	17737.81886	0.00995	0.00989	0.05549	0.05671	5.62E-04	3.97E-06	4.00E-06	3.59E-05	3.66E-05	6.4292E-04
606509	4201630.66	17702.36969	0.00869	0.00861	0.04735	0.0483	5.61E-04	3.47E-06	3.48E-06	3.07E-05	3.12E-05	6.3008E-04
606510.05	4201608.27	19197.72162	0.00882	0.00875	0.04775	0.0487	6.09E-04	3.52E-06	3.54E-06	3.09E-05	3.14E-05	6.7812E-04
606510.05	4201720.93	17461.69884	0.00973	0.00968	0.05329	0.05449	5.54E-04	3.89E-06	3.92E-06	3.45E-05	3.51E-05	6.3114E-04
606511.8	4201676.15	16604.45639	0.00902	0.00895	0.04883	0.04987	5.27E-04	3.60E-06	3.62E-06	3.16E-05	3.22E-05	5.9751E-04
606512.15	4201523.95	28482.91655	0.00966	0.00963	0.05062	0.05158	9.03E-04	3.86E-06	3.90E-06	3.28E-05	3.33E-05	9.7695E-04
606512.15	4201589.73	20736.87346	0.00896	0.00889	0.04819	0.04913	6.58E-04	3.58E-06	3.60E-06	3.12E-05	3.17E-05	7.2760E-04
606512.5	4201654.8	16885.08105	0.00875	0.00867	0.04771	0.04869	5.35E-04	3.49E-06	3.51E-06	3.09E-05	3.14E-05	6.0470E-04
606513.2	4201565.24	23167.0081	0.0092	0.00914	0.04898	0.04994	7.35E-04	3.67E-06	3.70E-06	3.17E-05	3.22E-05	8.0589E-04
606516.35	4201548.09	25813.78782	0.00949	0.00944	0.05005	0.05102	8.19E-04	3.79E-06	3.82E-06	3.24E-05	3.29E-05	8.9144E-04
606518.78	4201441.37	71349.77485	0.01217	0.01224	0.05821	0.05911	2.26E-03	4.86E-06	4.95E-06	3.77E-05	3.81E-05	2.3480E-03
606541.86	4201546.62	99543.55207	0.0125	0.01257	0.06004	0.06098	3.16E-03	4.99E-06	5.08E-06	3.89E-05	3.93E-05	3.2447E-03
606547.14	4201545.99	32924.22231	0.0103	0.01024	0.0534	0.05445	1.04E-03	4.11E-06	4.14E-06	3.46E-05	3.51E-05	1.1219E-03
606547.49	4201643.96	20356.21866	0.00937	0.0093	0.05025	0.05128	6.45E-04	3.74E-06	3.76E-06	3.25E-05	3.31E-05	7.1858E-04
606549.59	4201682.79	18158.83969	0.0092	0.00915	0.05031	0.05138	5.76E-04	3.67E-06	3.70E-06	3.26E-05	3.31E-05	6.4888E-04
606549.94	4201527.45	38424.26569	0.01062	0.01058	0.05473	0.05581	1.22E-03	4.24E-06	4.28E-06	3.54E-05	3.60E-05	1.2983E-03
606550.58	4201746.15	18574.01362	0.01023	0.01017	0.05633	0.05766	5.89E-04	4.08E-06	4.11E-06	3.65E-05	3.72E-05	6.7082E-04
606550.64	4201723.38	17742.99523	0.00968	0.00964	0.05302	0.05422	5.63E-04	3.87E-06	3.90E-06	3.43E-05	3.50E-05	6.3967E-04
606550.64	4201703.09	17637.24545	0.00932	0.00928	0.05116	0.05228	5.59E-04	3.72E-06	3.75E-06	3.31E-05	3.37E-05	6.3357E-04
606551.69	4201619.47	22832.89184	0.00961	0.00953	0.0509	0.05193	7.24E-04	3.84E-06	3.86E-06	3.30E-05	3.35E-05	7.9814E-04
606552.74	4201663.55	19552.02708	0.00937	0.0093	0.0506	0.05166	6.20E-04	3.74E-06	3.76E-06	3.28E-05	3.33E-05	6.9355E-04
606553.44	4201490.71	55687.74633	0.01129	0.01127	0.0574	0.05847	1.77E-03	4.51E-06	4.56E-06	3.72E-05	3.77E-05	1.8497E-03
606554.49	4201509.26	46786.8227	0.01102	0.01099	0.05639	0.05747	1.48E-03	4.40E-06	4.45E-06	3.65E-05	3.71E-05	1.5660E-03
606562.5	4201446.27	142873.7817	0.0129	0.01297	0.06179	0.06276	4.53E-03	5.15E-06	5.25E-06	4.00E-05	4.05E-05	4.6212E-03
606564.63	4201574.33	31481.75848	0.01045	0.01037	0.05401	0.0551	9.98E-04	4.17E-06	4.19E-06	3.50E-05	3.55E-05	1.0771E-03
606575.48	4201609.67	27575.50779	0.0103	0.01022	0.05359	0.05469	8.74E-04	4.11E-06	4.13E-06	3.47E-05	3.53E-05	9.5260E-04
606580.34	4201444.87	182858.0868	0.01328	0.01335	0.06337	0.06438	5.80E-03	5.30E-06	5.40E-06	4.10E-05	4.15E-05	5.8914E-03
606590.52	4201574.68	38256.87333	0.01124	0.01116	0.05743	0.05862	1.21E-03	4.49E-06	4.51E-06	3.72E-05	3.78E-05	1.2971E-03
606596.82	4201614.57	30878.83966	0.01086	0.01079	0.05609	0.05727	9.79E-04	4.34E-06	4.36E-06	3.63E-05	3.69E-05	1.0611E-03

606598.88	4201448.01	199360.5718	0.01365	0.01371	0.0651	0.06617	6.32E-03	5.45E-06	5.55E-06	4.22E-05	4.27E-05	6.4172E-03
606600.26	4201679.16	23514.37277	0.0103	0.01025	0.05543	0.05662	7.46E-04	4.11E-06	4.15E-06	3.59E-05	3.65E-05	8.2628E-04
606600.47	4201735.01	20954.33111	0.01061	0.01053	0.05803	0.05938	6.64E-04	4.24E-06	4.26E-06	3.76E-05	3.83E-05	7.4880E-04
606601.43	4201696.27	22406.37282	0.01027	0.01022	0.05582	0.05704	7.10E-04	4.10E-06	4.13E-06	3.61E-05	3.68E-05	7.9164E-04
606602.4	4201753.42	20930.15877	0.01097	0.01088	0.06001	0.06146	6.64E-04	4.38E-06	4.40E-06	3.89E-05	3.96E-05	7.5095E-04
606602.68	4201659.79	25575.78404	0.01048	0.01043	0.05563	0.05681	8.11E-04	4.18E-06	4.22E-06	3.60E-05	3.66E-05	8.9204E-04
606602.79	4201495.6	89422.93015	0.01269	0.01267	0.06359	0.06477	2.84E-03	5.07E-06	5.13E-06	4.12E-05	4.18E-05	2.9286E-03
606603.37	4201715.64	21670.32891	0.01041	0.01035	0.05687	0.05815	6.87E-04	4.16E-06	4.19E-06	3.68E-05	3.75E-05	7.6981E-04
606603.82	4201511.7	74226.10339	0.01248	0.01244	0.06293	0.06413	2.35E-03	4.98E-06	5.03E-06	4.08E-05	4.14E-05	2.4457E-03
606608.37	4201529.55	64414.24172	0.01242	0.01236	0.06286	0.06411	2.04E-03	4.96E-06	5.00E-06	4.07E-05	4.13E-05	2.1345E-03
606609.77	4201546.69	55879.03432	0.01227	0.0122	0.06229	0.06357	1.77E-03	4.90E-06	4.94E-06	4.03E-05	4.10E-05	1.8630E-03
606614.31	4201618.42	33790.86528	0.01133	0.01127	0.05832	0.05958	1.07E-03	4.52E-06	4.56E-06	3.78E-05	3.84E-05	1.1567E-03
606618.46	4201447.31	228297.8736	0.01408	0.01415	0.06699	0.06811	7.24E-03	5.62E-06	5.72E-06	4.34E-05	4.39E-05	7.3376E-03
606634.55	4201446.27	252525.6877	0.01449	0.01455	0.06864	0.06982	8.01E-03	5.79E-06	5.89E-06	4.45E-05	4.50E-05	8.1084E-03
606636.58	4201680.62	28340.73777	0.01135	0.01127	0.06022	0.06157	8.99E-04	4.53E-06	4.56E-06	3.90E-05	3.97E-05	9.8644E-04
606636.61	4201495.6	114586.4586	0.01369	0.01367	0.06785	0.06911	3.63E-03	5.47E-06	5.53E-06	4.39E-05	4.46E-05	3.7329E-03
606637.41	4201622.62	38020.95397	0.012	0.01193	0.06161	0.06297	1.21E-03	4.79E-06	4.83E-06	3.99E-05	4.06E-05	1.2957E-03
606637.54	4201662.7	30757.10908	0.01151	0.01144	0.06045	0.0618	9.75E-04	4.60E-06	4.63E-06	3.91E-05	3.99E-05	1.0635E-03
606638.46	4201547.04	67908.1439	0.01314	0.01308	0.06648	0.06784	2.15E-03	5.25E-06	5.29E-06	4.31E-05	4.38E-05	2.2506E-03
606638.81	4201564.89	59306.68589	0.01301	0.01295	0.0662	0.0676	1.88E-03	5.19E-06	5.24E-06	4.29E-05	4.36E-05	1.9774E-03
606640.21	4201512.75	95408.23801	0.01357	0.01353	0.06774	0.06904	3.03E-03	5.42E-06	5.47E-06	4.39E-05	4.45E-05	3.1245E-03
606640.21	4201583.08	52439.41377	0.01289	0.01281	0.06583	0.06726	1.66E-03	5.15E-06	5.18E-06	4.26E-05	4.34E-05	1.7591E-03
606640.56	4201604.42	44290.59045	0.01249	0.01242	0.06379	0.0652	1.40E-03	4.99E-06	5.02E-06	4.13E-05	4.21E-05	1.4978E-03
606641.63	4201699.66	27153.03848	0.01148	0.01138	0.06124	0.06263	8.61E-04	4.58E-06	4.60E-06	3.97E-05	4.04E-05	9.5022E-04
606645.02	4201715.16	26294.98591	0.01162	0.01152	0.06217	0.06362	8.34E-04	4.64E-06	4.66E-06	4.03E-05	4.10E-05	9.2437E-04
606646.47	4201734.05	25177.32901	0.01178	0.01166	0.06319	0.0647	7.98E-04	4.70E-06	4.72E-06	4.09E-05	4.17E-05	8.9040E-04
606650.35	4201752.93	24582.63522	0.01208	0.01196	0.0649	0.06649	7.79E-04	4.82E-06	4.84E-06	4.20E-05	4.29E-05	8.7405E-04
606654.84	4201448.01	265776.7303	0.01502	0.01507	0.07097	0.07221	8.43E-03	6.00E-06	6.10E-06	4.60E-05	4.66E-05	8.5320E-03
606671.98	4201445.92	299776.3236	0.01554	0.01559	0.07308	0.07439	9.51E-03	6.21E-06	6.31E-06	4.73E-05	4.80E-05	9.6133E-03
606684.37	4201668.7	38007.89947	0.01316	0.01303	0.06793	0.06954	1.21E-03	5.25E-06	5.27E-06	4.40E-05	4.48E-05	1.3045E-03
606684.48	4201614.96	53160.00405	0.01398	0.01387	0.07148	0.07312	1.69E-03	5.58E-06	5.61E-06	4.63E-05	4.72E-05	1.7903E-03
606688.39	4201702.89	33170.14325	0.01311	0.01298	0.06831	0.06997	1.05E-03	5.23E-06	5.25E-06	4.42E-05	4.51E-05	1.1516E-03
606689.81	4201512.79	122515.4339	0.01528	0.01525	0.07496	0.07643	3.88E-03	6.10E-06	6.17E-06	4.85E-05	4.93E-05	3.9949E-03
606689.81	4201589.3	64135.02882	0.01437	0.01427	0.07287	0.07449	2.03E-03	5.74E-06	5.77E-06	4.72E-05	4.80E-05	2.1404E-03
606689.82	4201446.96	312338.3562	0.01611	0.01616	0.07546	0.07686	9.90E-03	6.43E-06	6.54E-06	4.89E-05	4.96E-05	1.0015E-02
606690.08	4201496.69	147431.32	0.01551	0.0155	0.07544	0.07689	4.67E-03	6.19E-06	6.27E-06	4.89E-05	4.96E-05	4.7857E-03
606690.29	4201532.16	100925.425	0.01492	0.01485	0.0741	0.07561	3.20E-03	5.96E-06	6.01E-06	4.80E-05	4.88E-05	3.3089E-03
606692.23	4201548.14	88252.18446	0.01481	0.01473	0.07401	0.07555	2.80E-03	5.91E-06	5.96E-06	4.79E-05	4.87E-05	2.9069E-03
606692.23	4201569.44	74507.62157	0.01461	0.01452	0.07355	0.07514	2.36E-03	5.83E-06	5.87E-06	4.76E-05	4.85E-05	2.4703E-03
606697.33	4201750.03	28677.42255	0.01314	0.01306	0.06998	0.07175	9.09E-04	5.25E-06	5.28E-06	4.53E-05	4.63E-05	1.0114E-03
606705.15	4201666.69	42327.64035	0.01404	0.0139	0.07189	0.07363	1.34E-03	5.61E-06	5.62E-06	4.66E-05	4.75E-05	1.4474E-03
606709.06	4201446.27	336093.8153	0.01684	0.01686	0.07823	0.07967	1.07E-02	6.72E-06	6.82E-06	5.07E-05	5.14E-05	1.0773E-02
606709.18	4201615.93	58378.88353	0.01482	0.01469	0.0752	0.07695	1.85E-03	5.92E-06	5.94E-06	4.87E-05	4.96E-05	1.9613E-03
606709.84	4201695.52	37214.04115	0.01388	0.01375	0.07165	0.07342	1.18E-03	5.54E-06	5.56E-06	4.64E-05	4.74E-05	1.2849E-03
606718.86	4201551.04	95242.38151	0.0157	0.01559	0.0778	0.07947	3.02E-03	6.27E-06	6.31E-06	5.04E-05	5.13E-05	3.1342E-03
606720.09	4201748.57	305226.60228	0.01349	0.01345	0.0722	0.07406	9.68E-04	5.39E-06	5.44E-06	4.68E-05	4.78E-05	1.0733E-03
606720.31	4201572.83	81597.47812	0.01563	0.01551	0.07812	0.07985	2.59E-03	6.24E-06	6.27E-06	5.06E-05	5.15E-05	2.7019E-03
606723.22	4201511.82	139414.8477	0.01644	0.01639	0.07992	0.08155	4.42E-03	6.56E-06	6.63E-06	5.18E-05	5.26E-05	4.5382E-03
606724.19	4201533.13	113285.7805	0.01618	0.01609	0.07937	0.08103	3.59E-03	6.46E-06	6.51E-06	5.14E-05	5.23E-05	3.7087E-03
606725.93	4201665.35	46157.38219	0.01482	0.01468	0.07542	0.07728	1.46E-03	5.92E-06	5.94E-06	4.88E-05	4.98E-05	1.5741E-03
606728.64	4201447.31	347847.084	0.01759	0.01761	0.0813	0.08289	1.10E-02	7.02E-06	7.12E-06	5.26E-05	5.35E-05	1.1150E-02
606730.46	4201491.23	185005.4011	0.01714	0.0171	0.08188	0.08349	5.87E-03	6.84E-06	6.92E-06	5.30E-05	5.38E-05	5.9869E-03
606733.87	4201616.9	63609.77664	0.01576	0.01561	0.07934	0.08122	2.02E-03	6.29E-06	6.31E-06	5.14E-05	5.24E-05	2.1333E-03
606739.34	4201697.53	40433.31073	0.01468	0.0146	0.07565	0.07756	1.28E-03	5.86E-06	5.91E-06	4.90E-05	5.00E-05	1.3929E-03
606745.08	4201446.96	360013.2929	0.0182	0.01819	0.08381	0.08552	1.14E-02	7.27E-06	7.36E-06	5.43E-05	5.52E-05	1.1540E-02
606748.4	4201588.33	82107.93783	0.01684	0.01671	0.08424	0.08616	2.60E-03	6.72E-06	6.76E-06	5.46E-05	5.56E-05	2.7271E-03
606749.39	4201666.02	49494.19653	0.01558	0.01546	0.07895	0.08094	1.57E-03	6.22E-06	6.25E-06	5.11E-05	5.22E-05	1.6852E-03
606749.63	4201747.12	32108.97659	0.01342	0.01347	0.07386	0.07576	1.02E-03	5.36E-06	5.45E-06	4.78E-05	4.89E-05	1.1256E-03
606760.02	4201616.9	69869.36066	0.01687	0.01672	0.08463	0.08667	2.22E-03	6.74E-06	6.76E-06	5.48E-05	5.59E-05	2.3397E-03
606763.47	4201701.55	42094.80945	0.01508	0.01506	0.07847	0.08049	1.33E-03	6.02E-06	6.09E-06	5.08E-05	5.19E-05	1.4496E-03
606764.67	4201449.41	355919.0406	0.01893	0.01891	0.08704	0.08887	1.13E-02	7.56E-06	7.65E-06	5.64E-05	5.73E-05	1.1415E-02
606772.85	4201664.68	53113.55001	0.01629	0.01621	0.0825	0.08465	1.68E-03	6.50E-06	6.56E-06	5.34E-05	5.46E-05	1.8052E-03
606773.36	4201751.96	32235.35067	0.01284	0.01296	0.07486	0.07681	1.02E-03	5.13E-06	5.24E-06	4.85E-05	4.95E-05	1.1305E-03
606774.54	4201498.02	196555.8382	0.01902	0.01894	0.0899	0.09192	6.23E-03	7.59E-06	7.66E-06	5.82E-05	5.93E-05	6.3652E-03
606774.54	4201515.11	159037.2233	0.01861	0.0185	0.08917	0.09104	5.04E-03	7.43E-06	7.48E-06	5.77E-05	5.87E-05	5.1742E-03
606776.24	4201532.76	132368.0039	0.01832	0.0182	0.08844	0.09047	4.20E-03	7.32E-06	7.36E-06	5.73E-05	5.83E-05	4.3275E-03
606777.77	4201572.87	100780.0987	0.01823	0.0181	0.09019	0.09215	3.20E-03	7.28E-06	7.32E-06	5.84E-05	5.94E-05	3.3280E-03
606781.11	4201450.46	356180.3973	0.01957	0.01953	0.08984	0.09172	1.13E-02	7.81E-06	7.90E-06	5.82E-05	5.92E-05	1.1427E-02
606781.63	4201550.27	119268.361	0.01852	0.0184	0.09031	0.09236	3.78E-03	7.40E-06	7.44E-06	5.85E-05	5.96E-05	3.9147E-03
606784.71	4201619.32	73347.95138	0.01774	0.01762	0.08868	0.0909	2.33E-03	7.08E-06	7.13E-06	5.74E-05	5.86E-05	2.4560E-03
606788.27	4201705.57	43465.68383	0.01526	0.01532	0.08129	0.08342	1.38E-03	6.09E-06	6.20E-06	5.26E-05	5.38E-05	1.4970E-03
606796.31	4201667.36	55276.97458	0.0168	0.0168	0.08589	0.08817	1.75E-03	6.71E-06	6.80E-06	5.56E-05	5.69E-05	1.8787E-03
606800	4201757.78	33074.73271	0.01253	0.01266	0.07786	0.07992	1.05E-03	5.00E-06	5.12E-06	5.04E-05	5.15E-05	1.1608E-03
606800.7	4201451.51	357814.5488	0.02041	0.02034	0.09344	0.09542	1.13E-02	8.15E-06	8.23E-06	6.05E-05	6.15E-05	1.1484E-02
606805.3	4201504.85	193557.1879	0.02039	0.02027	0.09626	0.09848	6.14E-03	8.14E-06	8.20E-06	6.23E-05	6.35E-05	6.2796E-03
606806.99	4201621.74	75664.6308	0.01843	0.01835	0.09211	0.09451	2.40E-03	7.36E-06	7.42E-06	5.96E-05	6.10E-05	2.5346E-03
606808.1	4201568.11	111942.0589	0.0196	0.01948	0.09624	0.09848	3.55E-03	7.83E-06	7.88E-06	6.23E-05	6.35E-05	3.6911E-03
606815.75	4201713.62	44155.19267	0.01522	0.01534	0.08487	0.08717	1.40E-03	6.08E-06	6.21E-06	5.50E-05	5.62E-05	1.5236E-03
606818.19	4201452.56	358629.0311	0.02123	0.02115	0.0969	0.09899	1.14E-02	8.48E-06	8.56E-06	6.28E-05	6.38E-05	1.1515E-02
606818.4	4201543.59	138715.728	0.02051	0.0204	0.09873	0.10106	4.40E-03	8.19E-06	8.25E-06	6.39E-05	6.52E-05	4.5440E-03
606820.45	4201672.06	56664.02832	0.01715	0.01722	0.08953	0.09198	1.80E-03	6.85E-06	6.97E-06	5.80E-05	5.93E-05	1.9278E-03
606822.76	4201767.46	33472.03817	0.01251	0.01257	0.08146	0.0837	1.06E-03	5.00E-06	5.08E-06	5.28E-05	5.40E-05	1.1782E-03
606823.52	4201500.3	208029.5003	0.02134	0.02122	0.10016	0.10247	6.60E-03	8.52E-06	8.58E-06	6.49E-05	6.61E-05	6.7443E-03
606827.42	4201586.84	100264.7873	0.01998	0.01991	0.099	0.10153	3.18E-03	7.98E-06	8.05E-06	6.41E-05	6.55E-05	3.3249E-03
606829.21	4201623.71	77833.30559	0.01905	0.01903	0.09568	0.09827	2.47E-03	7.61E-06	7.70E-06	6.20E-05	6.34E-05	2.6086E-03
606836.03	4201452.56	365167.5423	0.02215	0.02204	0.1006	0.10286	1.16E-02	8.84E-06	8.92E-06	6.51E-05	6.63E-05	1.1728E-02
606838.55	4201678.09	56885.91978	0.01726	0.01738	0.09249	0.09507	1.80E-03	6.89E-06	7.03E-06	5.99E-05	6.13E-05	1.9389E-03
606839.22	4201718.98	45227.09681	0.01533	0.01546	0.08889	0.09137	1.43E-03	6.12E-06	6.25E-06	5.76E-05	5.89E-05	1.5629E-03
606840.61	4201535.61	154298.5081	0.02169	0.02159	0.10369	0.10628	4.89E-03	8.66E-06	8.73E-06	6.71E-05	6.85E-05	5.0457E-03
606848.02	4201501.43	213053.555	0.02261	0.02249	0.10582	0.10834	6.76E-03	9.03E-06	9.10E-06	6.85E-05	6.99E-05	6.9121E-03
606848.84	4201591.3	100460.167	0.02064	0.02062	0.10272	0.10548	3.19E-03	8.24E-06	8.34E-06	6.65E-05	6.80E-05	3.3366E-03
606849.73	4201627.88	78463.5585	0.01946	0.01951	0.09904	0.10181	2.49E-03	7.77E-06	7.89E-06	6.41E-05	6.57E-05	2.6334E-03
606852.3	4201771.34	35154.42422	0.01303	0.013	0.0869	0.08937	1.11E-03	5.20E-06	5.26E-06	5.63E-05	5.76E-05	1.2391E-03
606854.57	4201452.21	375235.5152	0.02321	0.02309	0.10489	0.10726	1.19E-02	9.27E-06	9.34E-06	6.79E-05	6.92E-05	1.2054E-02
606859.41	4201535.04	159191.4853	0.02261	0.02254	0.10807	0.11089	5.05E-03	9.03E-06	9.12E-06	7.00E-05	7.15E-05	5.2074E-03
606861.34	4201681.44	58680.85995	0.01763	0.01778	0.09735	0.10014	1.86E-03	7.04E-06	7.19E-06	6.30E-05	6.46E-05	2.0025E-03
606866.7	4201722.33	47004.87163	0.01571	0.01579	0.09424	0.09694	1.49E-03	6.27E-06	6.39E-06	6.10E-05	6.25E-05	1.6267E-03
606867.39	4201504.28	212764.5174	0.02362	0.02351	0.11068	0.1134	6.75E-03	9.43E-06	9.51E-06	7.17E-05	7.31E-05	6.9102E-03
606867.57	4201584.76	107950.288	0.02147	0.02149	0.10694	0.10989	3.42E-03	8.57E-06	8.69E-06	6.93E-05	7.09E-05	3.5803E-03
606873.22	4201634.72	78482.39328	0.01983	0.01996	0.10371	0.1067	2.49E-03	7.92E-06	8.07E-06	6.72E-05	6.88E-05	2.6405E-03
606875.9	4201452.56	388461.1957	0.02472	0.02459	0.11081	0.11344	1.23E-02	9.87E-06	9.95E-06	7.18E-05	7.32E-05	1.2482E-02
606876.03	4201770.85	37023.04052	0.01367	0.01364	0.09188	0.09454	1.17E-03	5.46E-06	5.52E-06	5.95E-05	6.10E-05	1.3054E-03
606876.75	4201686.8	59060.37835	0.01785	0.018	0.10108	0.10402	1.87E-03	7.13E-06	7.28E-06	6.55E-05	6.71E-05	2.0197E-03
606879.35	4201540.17	155433.3984	0.02337	0.02333	0.11258	0.11551	4.93E-03	9.33E-06	9.44E-06	7.29E-05	7.45E-05	5.0947E-03
606884.47	4201502.57	220690.4804	0.0246	0.02452	0.11529	0.11818	7.00E-03	9.82E-06	9.92E-06	7.47E-05	7.62E-05	7.1684E-03
606889.49	4201720.32	49814.7915	0.01642	0.01649	0.09988	0.1028	1.58E-03	6.56E-06	6.67E-06	6.47E-05	6.63E-05	1.7238E-03
606891.36	4201599.33	101057.7818	0.02174	0.02186	0.11094	0.11416	3.20E-03	8.68E-06	8.84E-06	7.18E-05	7.36E-05	3.3674E-03
606892.25	4201637.1	81191.71939	0.02046	0.02064	0.11009	0.11336	2.57E-03	8.17E-06	8.35E-06	7.13E-05	7.31E-05	2.7354E-03
606892.34	4201453.96	399301.8456	0.02597	0.02586	0.11619	0.11897	1.27E-02	1.04E-05	1.05E-05	7.52E-05	7.67E-05	1.2834E-02
606897.31	4201583.27	112935.5239	0.02247	0.02259	0.11325	0.11652	3.58E-03	8.97E-06	9.14E-06	7.33E-05	7.51E-05	3.7476E-03
606898.2	4201691.5	60680.79471	0.01839	0.01855	0.10748	0.1107	1.92E-03	7.34E-06	7.50E-06	6.96E-05	7.14E-05	2.0799E-03
606900.73	4201772.79	38735.83903	0.01432	0.01439	0.0979	0.10078	1.23E-03	5.72E-06	5.82E-06	6.34E-05	6.50E-05	1.3682E-03
606902.13	4201544.16	152931.3787	0.02408	0.02411	0.11749	0.12066	4.85E-03	9.62E-06	9.75E-06	7.61E-05	7.78E-05	5.0225E-03
606905.55	4201522.51	187720.2895	0.02523	0.02525	0.12061	0.12391	5.95E-03	1.01E-05	1.02E-05	7.81E-05	7.99E-05	6.1306E-03
606912.96	4201504.85	223129.4391	0.02615	0.02615	0.12379	0.12704	7.08E-03	1.04E-05	1.06E-05	8.02E-05	8.19E-05	7.2582E-03
606914.38	4201456.76	401133.3575	0.02748	0.02739	0.12366	0.12672	1.27E-02	1.10E-05	1.11E-05	8.01E-05	8.17E-05	1.2903E-02
606922.34	4201725.01	51225.13688	0.01687	0.01701	0.10714	0.11035	1.62E-03	6.74E-06	6.88E-06	6.94E-05	7.12E-05	1.7784E-03
606923.68	4201691.5	63985.42216	0.01911	0.01933	0.11582	0.11943	2.03E-03	7.63E-06	7.82E-06	7.50E-05	7.70E-05	2.1964E-03
606925.43	4201770.37	41125.834	0.01485	0.01508	0.10454	0.10767	1.30E-03	5.93E-06	6.10E-06	6.77E-05	6.94E-05	1.4532E-03
606932.92	4201460.96	377579.8617	0.02863	0.0286	0.13043	0.13348	1.20E-02	1.14E-05	1.16E-05	8.43E-05	8.61E-05	1.2166E-02
606935.74	4201641.22	88062.20108	0.02184	0.02215	0.12855	0.13266	2.79E-03	8.72E-06	8.96E-06	8.32E-05	8.56E-05	2.9788E-03
606940.44	4201723.67	53334.44182	0.01731	0.01755	0.11262	0.11609	1.69E-03	6.91E-06	7.10E-06	7.29E-05	7.49E-05	1.8530E-03
606941.11	4201611.06	103950.264	0.02307	0.02338	0.12955	0.13369	3.30E-03	9.21E-06	9.46E-06	8.39E-05	8.62E-05	3.4849E-03
606942.45	4201591.62	115285.3318	0.02372	0.02401	0.12828	0.13234	3.66E-03	9.47E-06	9.71E-06	8.31E-05	8.54E-05	3.8431E-03
606947.14	4201691.5	66505.309	0.01957	0.01988	0.12339	0.12741	2.11E-03	7.81E-06	8.04E-06	7.99E-05	8.22E-05	2.2867E-03
606947.26	4201548.33	151815.559	0.02549	0.02572	0.12883	0.13277	4.81E-03	1.02E-05	1.04E-05	8.34E-05	8.56E-05	5.0035E-03
606948.68	4201774.24	42578.99927	0.01503	0.01541	0.11206	0.11554	1.35E-03	6.00E-06	6.23E-06	7.26E-05	7.45E-05	1.5094E-03
606951.81	4201517.55	203367.0427	0.02766	0.02786	0.13548	0.13944	6.45E-03	1.10E-05	1.13E-05	8.77E-05	8.99E-05	6.6484E-03
606952.5	4201465.5	357242.5507	0.02979	0.02984	0.13776	0.14123	1.13E-02	1.19E-05	1.21E-05	8.91E-05	9.11E-05	1.1532E-02
606957.19	4201638.54	91825.93614	0.02236	0.02273	0.13595	0.1405	2.91E-03	8.93E-06	9.19E-06	8.80E-05	9.06E-05	3.1084E-03
606965.8	4201551.48	151093.5014	0.02597	0.02629	0.13496	0.13925	4.79E-03	1.04E-05	1.06E-05	8.74E-05	8.98E-05	4.9892E-03
606967.25	4201725.68	55033.43092	0.01741	0.01782	0.12065	0.12455	1.75E-03	6.95E-06	7.21E-06	7.81E-05	8.03E-05	1.9176E-03
606969.26	4201597.65	115714.9235	0.02426	0.02465	0.13912	0.14379	3.67E-03	9.69E-06	9.97E-06	9.01E-05	9.27E-05	3.8716E-03
606970	4201519.99	199162.3369	0.02805	0.02834	0.14103	0.14512	6.32E-03	1.12E-05	1.15E-05	9.13E-05	9.36E-05	6.5227E-03
606973.28	4201692.84	68711.2976	0.01986	0.02027	0.13269	0.13725	2.18E-03	7.93E-06	8.20E-06	8.59E-05	8.85E-05	2.3693E-03
606974.19	4201467.6	351995.7256	0.03111	0.03128	0.14665	0.15078	1.12E-02	1.24E-05	1.27E-05	9.50E-05	9.72E-05	1.1379E-02
606981.54	4201556.73	147905.7408	0.02619	0.0266	0.14063	0.14526	4.69E-03	1.05E-05	1.08E-05	9.11E-05	9.37E-05	4.8958E-03
606983.34	4201749.21	94364.92778	0.0228	0.02322	0.14597	0.15117	2.99E-03	9.10E-06	9.39E-06	9.45E-05	9.75E-05	3.2027E-03
606986.02	4201605.69	113107.2777	0.02433	0.02478	0.14672	0.15184	3.59E-03	9.71E-06	1.00E-05	9.50E-05	9.79E-05	3.7991E-03
606989.24	4201523.49	195121.3581	0.02847	0.02888	0.14777	0.15247	6.19E-03	1.14E-05	1.17E-05	9.57E-05	9.83E-05	6.4041E-03
606994.48	4201473.2	329037.3886	0.03202	0.03234	0.15625	0.16081	1.04E-02	1.28E-05	1.31E-05	1.01E-04	1.04E-04	1.0664E-02
606994.73	4201727.69	56574.62412	0.01722	0.0177	0.12976	0.13418	1.79E-03	6.88E-06	7.16E-06	8.40E-05	8.65E-05	1.9785E-03
606995.17	4201774.24	46266.76134	0.01507	0.01545	0.12866	0.133	1.47E-03	6.02E-06	6.25E-06	8.33E-05	8.58E-05	1.6484E-03
606999.43	4201694.18	70640.07795	0.01996	0.02044	0.14285	0.14806	2.24E-03	7.97E-06	8.27E-06	9.25E-05	9.55E-05	2.4441E-03
607000.43	4201559.18	147274.3352	0.0265	0.027	0.14717	0.15228	4.67E-03	1.06E-05	1.09E-05	9.53E-05	9.82E-05	4.8849E-03
607006.13	4201605.69	116857.0838	0.02481	0.0253	0.15648	0.1622	3.71E-03	9.91E-06	1.02E-05	1.01E-04	1.05E-04	3.9314E-03

607006.8	4201642.56	95176.45633	0.02304	0.0235	0.15618	0.16208	3.02E-03	9.20E-06	9.51E-06	1.01E-04	1.05E-04	3.2423E-03
607008.48	4201525.94	191926.3454	0.02895	0.02946	0.15601	0.1612	6.09E-03	1.16E-05	1.19E-05	1.01E-04	1.04E-04	6.3142E-03
607012.32	4201474.6	329213.1673	0.03295	0.03341	0.16568	0.1708	1.04E-02	1.32E-05	1.35E-05	1.07E-04	1.10E-04	1.0683E-02
607016.85	4201734.4	56432.87677	0.01679	0.0172	0.13781	0.14271	1.79E-03	6.70E-06	6.96E-06	8.92E-05	9.20E-05	1.9843E-03
607018.28	4201564.42	144605.2835	0.02662	0.0272	0.1551	0.16075	4.59E-03	1.06E-05	1.10E-05	1.00E-04	1.04E-04	4.8110E-03
607019.38	4201778.6	47559.18166	0.01516	0.01542	0.13973	0.1447	1.51E-03	6.05E-06	6.24E-06	9.05E-05	9.33E-05	1.7041E-03
607022.22	4201611.73	116678.2455	0.02514	0.02567	0.1689	0.17517	3.70E-03	1.00E-05	1.04E-05	1.09E-04	1.13E-04	3.9425E-03
607024.22	4201530.14	187707.2126	0.02915	0.02975	0.16334	0.16907	5.95E-03	1.16E-05	1.20E-05	1.06E-04	1.09E-04	6.1904E-03
607024.23	4201700.21	70434.29851	0.01968	0.02015	0.15255	0.15841	2.23E-03	7.86E-06	8.15E-06	9.88E-05	1.02E-04	2.4503E-03
607026.25	4202541.14	10004.48712	0.00835	0.00839	1.18461	1.42918	3.17E-04	3.33E-06	3.39E-06	7.67E-04	9.22E-04	2.0128E-03
607027.58	4201648.59	94026.37663	0.02304	0.0235	0.16542	0.17204	2.98E-03	9.20E-06	9.51E-06	1.07E-04	1.11E-04	3.2182E-03
607027.66	4202519.84	10379.11636	0.00854	0.00858	1.11494	1.37262	3.29E-04	3.41E-06	3.47E-06	7.22E-04	8.85E-04	1.9433E-03
607028.76	4201479.84	313968.1951	0.03345	0.03405	0.17529	0.18093	9.96E-03	1.34E-05	1.38E-05	1.14E-04	1.17E-04	1.0213E-02
607029.94	4202561.66	9707.94317	0.00821	0.00825	1.31202	1.62804	3.08E-04	3.28E-06	3.34E-06	8.50E-04	1.05E-03	2.2141E-03
607034.05	4202579.72	9474.70346	0.00811	0.00814	1.41626	1.83886	3.00E-04	3.24E-06	3.29E-06	9.17E-04	1.19E-03	2.4101E-03
607037.52	4201565.47	145535.5494	0.02687	0.02753	0.16412	0.17039	4.61E-03	1.07E-05	1.11E-05	1.06E-04	1.10E-04	4.8527E-03
607039.63	4202508.96	10701.69136	0.00872	0.00876	1.28314	1.68238	3.39E-04	3.48E-06	3.54E-06	8.31E-04	1.09E-03	2.2624E-03
607040.32	4201615.75	118417.6735	0.02541	0.02597	0.18359	0.19094	3.75E-03	1.01E-05	1.05E-05	1.19E-04	1.23E-04	4.0175E-03
607040.61	4202600.65	9236.25423	0.008	0.00804	1.57615	2.16727	2.93E-04	3.19E-06	3.25E-06	1.02E-03	1.40E-03	2.7178E-03
607042.07	4201533.29	186418.6481	0.02953	0.0302	0.17372	0.18005	5.91E-03	1.18E-05	1.22E-05	1.12E-04	1.16E-04	6.1637E-03
607044.32	4202654.11	8600.93649	0.0077	0.00774	1.17884	1.65085	2.73E-04	3.07E-06	3.13E-06	7.63E-04	1.06E-03	2.1071E-03
607044.34	4201706.91	69472.20876	0.01935	0.01973	0.16075	0.16718	2.20E-03	7.73E-06	7.98E-06	1.04E-04	1.08E-04	2.4305E-03
607044.34	4201729.71	60054.38954	0.01726	0.01755	0.15117	0.15692	1.90E-03	6.89E-06	7.10E-06	9.79E-05	1.01E-04	2.1173E-03
607044.57	4201783.93	48564.11479	0.01535	0.0155	0.15256	0.1583	1.54E-03	6.13E-06	6.27E-06	9.88E-05	1.02E-04	1.7532E-03
607047.25	4202491.54	11113.85331	0.00894	0.00898	1.29143	1.75739	3.52E-04	3.57E-06	3.63E-06	8.36E-04	1.13E-03	2.3294E-03
607048.02	4202674.63	8394.56091	0.00761	0.00764	0.99094	1.42595	2.66E-04	3.04E-06	3.09E-06	6.42E-04	9.20E-04	1.8337E-03
607050.37	4201654.63	93106.24322	0.02806	0.0235	0.17724	0.18477	2.95E-03	9.21E-06	9.51E-06	1.15E-04	1.19E-04	3.2049E-03
607052.12	4202692.69	8224.34949	0.00753	0.00756	0.80743	1.1978	2.61E-04	3.01E-06	3.06E-06	5.23E-04	7.73E-04	1.5623E-03
607053.24	4201471.1	356956.404	0.03528	0.03607	0.19217	0.19873	1.13E-02	1.41E-05	1.46E-05	1.24E-04	1.28E-04	1.1600E-02
607054.99	4201488.59	291663.2525	0.03397	0.03477	0.19273	0.19948	9.25E-03	1.36E-05	1.41E-05	1.25E-04	1.29E-04	9.5293E-03
607055.01	4201570.37	143935.4194	0.02696	0.02766	0.17491	0.18193	4.56E-03	1.08E-05	1.12E-05	1.13E-04	1.17E-04	4.8165E-03
607055.96	4202475.22	11537.85358	0.00916	0.0092	1.32754	1.84232	3.66E-04	3.66E-06	3.72E-06	8.60E-04	1.19E-03	2.4211E-03
607057.74	4201619.77	117516.9698	0.02555	0.02608	0.19715	0.20532	3.73E-03	1.02E-05	1.05E-05	1.28E-04	1.32E-04	4.0071E-03
607058.69	4202713.61	8047.35602	0.00745	0.00748	0.61933	0.92444	2.55E-04	2.97E-06	3.03E-06	4.01E-04	5.96E-04	1.2585E-03
607058.84	4201453.26	462254.9479	0.03709	0.03791	0.19744	0.20418	1.47E-02	1.48E-05	1.53E-05	1.28E-04	1.32E-04	1.4947E-02
607061.31	4201537.14	184351.1182	0.02988	0.03059	0.18621	0.19337	5.85E-03	1.19E-05	1.24E-05	1.21E-04	1.25E-04	6.1151E-03
607067.8	4201707.58	71600.24498	0.01977	0.02006	0.17576	0.1833	2.27E-03	7.89E-06	8.11E-06	1.14E-04	1.18E-04	2.5184E-03
607070.72	4201786.83	50014.88756	0.01579	0.0159	0.16803	0.1748	1.59E-03	6.30E-06	6.43E-06	1.09E-04	1.13E-04	1.8202E-03
607071.8	4201574.57	143953.3339	0.02755	0.02818	0.18881	0.19677	4.56E-03	1.10E-05	1.14E-05	1.22E-04	1.27E-04	4.8361E-03
607073.16	4201742.44	59541.61891	0.01738	0.01754	0.16829	0.17519	1.89E-03	6.94E-06	7.10E-06	1.09E-04	1.13E-04	2.1240E-03
607076.51	4201655.3	95654.16982	0.02366	0.02411	0.19624	0.20527	3.03E-03	9.45E-06	9.75E-06	1.27E-04	1.32E-04	3.3117E-03
607078.53	4201622.45	117809.0645	0.02591	0.02641	0.21295	0.22243	3.74E-03	1.03E-05	1.07E-05	1.38E-04	1.43E-04	4.0379E-03
607078.8	4201540.99	183958.4487	0.03021	0.03094	0.19951	0.20759	5.83E-03	1.21E-05	1.25E-05	1.29E-04	1.34E-04	6.1207E-03
607079.65	4202427.69	12754.61942	0.0096	0.00964	1.11107	1.55236	4.04E-04	3.83E-06	3.90E-06	7.20E-04	1.00E-03	2.1329E-03
607081.85	4201948.62	35272.85577	0.01559	0.01571	0.2593	0.27479	1.12E-03	6.23E-06	6.35E-06	1.68E-04	1.77E-04	1.4762E-03
607081.85	4201998.62	29880.98666	0.01383	0.01392	0.24452	0.26162	9.47E-04	5.52E-06	5.63E-06	1.58E-04	1.69E-04	1.2857E-03
607081.85	4202048.62	25911.96877	0.01268	0.01276	0.23911	0.25636	8.22E-04	5.06E-06	5.16E-06	1.55E-04	1.65E-04	1.1520E-03
607081.85	4202098.62	22469.92418	0.01166	0.01172	0.23538	0.25116	7.12E-04	4.66E-06	4.74E-06	1.52E-04	1.62E-04	1.0363E-03
607081.85	4202148.62	20078.46906	0.01108	0.01115	0.25661	0.27388	6.37E-04	4.42E-06	4.51E-06	1.66E-04	1.77E-04	9.8841E-04
607081.85	4202198.62	18467.27483	0.01088	0.01095	0.31477	0.33806	5.86E-04	4.34E-06	4.43E-06	2.04E-04	2.18E-04	1.0162E-03
607081.85	4202248.62	17181.24001	0.01085	0.01091	0.41559	0.45098	5.45E-04	4.33E-06	4.41E-06	2.69E-04	2.91E-04	1.1135E-03
607081.85	4202298.62	15646.70988	0.01042	0.01048	0.52744	0.58547	4.96E-04	4.16E-06	4.24E-06	3.42E-04	3.78E-04	1.2237E-03
607081.85	4202348.62	14204.0448	0.00983	0.00989	0.66595	0.77575	4.50E-04	3.93E-06	4.00E-06	4.31E-04	5.00E-04	1.3899E-03
607081.85	4202398.62	13142.58445	0.00964	0.00969	0.87182	1.09768	4.17E-04	3.85E-06	3.92E-06	5.65E-04	7.08E-04	1.6970E-03
607081.85	4202448.62	12405.03505	0.00959	0.00963	1.52715	2.43834	3.93E-04	3.83E-06	3.90E-06	9.89E-04	1.57E-03	2.9626E-03
607081.85	4202498.62	11323.48921	0.00911	0.00915	3.63524	2.9109	3.59E-04	3.64E-06	3.70E-06	2.35E-03	1.88E-03	4.5979E-03
607081.85	4202548.62	10402.67705	0.00866	0.0087	2.38887	5.19998	3.30E-04	3.46E-06	3.52E-06	1.55E-03	3.35E-03	5.2376E-03
607081.85	4202598.62	9612.9013	0.00826	0.00829	3.58967	4.08429	3.05E-04	3.30E-06	3.35E-06	2.32E-03	2.63E-03	5.2703E-03
607081.85	4202648.62	8951.95134	0.00794	0.00797	4.11622	4.08095	2.84E-04	3.17E-06	3.22E-06	2.67E-03	2.63E-03	5.5879E-03
607081.85	4202698.62	8364.6648	0.00764	0.00767	1.59569	2.82675	2.65E-04	3.05E-06	3.10E-06	1.03E-03	1.82E-03	3.1279E-03
607081.85	4202748.62	7841.93055	0.00737	0.00739	0.48014	0.67828	2.49E-04	2.94E-06	2.99E-06	3.11E-04	4.37E-04	1.0030E-03
607088.6	4201577.72	144931.1335	0.0281	0.0287	0.20483	0.21384	4.60E-03	1.12E-05	1.16E-05	1.33E-04	1.38E-04	4.8889E-03
607090.34	4202416.33	13082.02153	0.00972	0.00977	1.18421	1.64053	4.15E-04	3.88E-06	3.95E-06	7.67E-04	1.06E-03	2.2476E-03
607092.51	4201790.71	52183.12052	0.01685	0.01698	0.18996	0.19832	1.65E-03	6.73E-06	6.87E-06	1.23E-04	1.28E-04	1.9192E-03
607093.27	4201712.28	72115.07395	0.02009	0.02031	0.19293	0.20184	2.29E-03	8.02E-06	8.22E-06	1.25E-04	1.30E-04	2.5580E-03
607094.61	4201741.77	62400.58212	0.01834	0.0185	0.18677	0.19507	1.98E-03	7.32E-06	7.48E-06	1.21E-04	1.26E-04	2.2402E-03
607098.04	4201544.48	183287.0983	0.03078	0.0315	0.21762	0.22661	5.81E-03	1.23E-05	1.27E-05	1.41E-04	1.46E-04	6.1239E-03
607099.31	4201628.48	116086.1271	0.02621	0.02666	0.2304	0.24153	3.68E-03	1.05E-05	1.08E-05	1.49E-04	1.56E-04	4.0071E-03
607099.98	4201657.98	97607.87779	0.02422	0.02463	0.21696	0.22771	3.09E-03	9.67E-06	9.96E-06	1.41E-04	1.47E-04	3.4020E-03
607103.71	4202402.3	13508.96272	0.00988	0.00994	1.29551	1.78217	4.28E-04	3.95E-06	4.02E-06	8.39E-04	1.15E-03	2.4247E-03
607106.06	4201502.23	264146.2329	0.03484	0.03575	0.23715	0.24695	8.38E-03	1.39E-05	1.45E-05	1.54E-04	1.59E-04	8.7169E-03
607109.45	4201582.54	146517.9847	0.02889	0.02946	0.22887	0.23941	4.65E-03	1.15E-05	1.19E-05	1.48E-04	1.54E-04	4.9719E-03
607109.71	4201481.99	321953.617	0.03677	0.03778	0.24319	0.25318	1.02E-02	1.47E-05	1.53E-05	1.57E-04	1.63E-04	1.0559E-02
607111.31	4201655.71	459162.1091	0.03953	0.04068	0.24876	0.2588	1.46E-02	1.58E-05	1.65E-05	1.61E-04	1.67E-04	1.4920E-02
607114.05	4201708.25	75716.32841	0.02107	0.02131	0.21369	0.22438	2.40E-03	8.41E-06	8.62E-06	1.38E-04	1.45E-04	2.7010E-03
607114.38	4201550.44	178901.4368	0.03112	0.0318	0.23421	0.24453	5.67E-03	1.24E-05	1.29E-05	1.52E-04	1.58E-04	6.0074E-03
607114.79	4201795.07	54813.61806	0.01821	0.01838	0.22378	0.2349	1.74E-03	7.27E-06	7.43E-06	1.45E-04	1.51E-04	2.0492E-03
607116.06	4201742.44	65018.8575	0.01939	0.01957	0.21023	0.2205	2.06E-03	7.74E-06	7.92E-06	1.36E-04	1.42E-04	2.3557E-03
607116.4	4202391.6	13889.51125	0.01005	0.01011	1.48639	2.09629	4.40E-04	4.01E-06	4.09E-06	9.63E-04	1.35E-03	2.7631E-03
607118.75	4201626.47	118793.9464	0.02697	0.02741	0.24968	0.2625	3.77E-03	1.08E-05	1.11E-05	1.62E-04	1.69E-04	4.1196E-03
607121.43	4201658.65	99806.65278	0.02509	0.02547	0.24264	0.25575	3.16E-03	1.00E-05	1.03E-05	1.57E-04	1.65E-04	3.5071E-03
607125.91	4201581.72	149774.0841	0.02974	0.03032	0.24821	0.26041	4.75E-03	1.19E-05	1.23E-05	1.61E-04	1.68E-04	5.1019E-03
607128.43	4202382.25	14130.81879	0.01022	0.01028	1.73611	2.48733	4.48E-04	4.08E-06	4.16E-06	1.12E-03	1.60E-03	3.1848E-03
607130.44	4202366.21	14509.5837	0.01033	0.01038	1.49925	2.00942	4.60E-04	4.12E-06	4.20E-06	9.71E-04	1.30E-03	2.7353E-03
607131.69	4202533.61	11115.09458	0.00909	0.00913	3.00831	2.43831	3.52E-04	3.63E-06	3.69E-06	1.95E-03	1.57E-03	3.8805E-03
607131.85	4201948.62	36373.72048	0.01603	0.01617	0.30932	0.33101	1.15E-03	6.40E-06	6.54E-06	2.00E-04	2.13E-04	1.5801E-03
607131.85	4201998.62	31121.20739	0.01451	0.01463	0.30165	0.32673	9.87E-04	5.79E-06	5.92E-06	1.95E-04	2.11E-04	1.4046E-03
607131.85	4202048.62	27165.96916	0.01348	0.01359	0.29851	0.32489	8.61E-04	5.38E-06	5.50E-06	1.93E-04	2.10E-04	1.2751E-03
607131.85	4202098.62	23979.93384	0.01262	0.01273	0.3037	0.32881	7.60E-04	5.04E-06	5.15E-06	1.97E-04	2.12E-04	1.1793E-03
607131.85	4202148.62	21521.30555	0.01201	0.01211	0.33719	0.36456	6.82E-04	4.80E-06	4.90E-06	2.18E-04	2.35E-04	1.1456E-03
607131.85	4202198.62	19876.83358	0.01192	0.01199	0.44637	0.48997	6.30E-04	4.76E-06	4.85E-06	2.89E-04	3.16E-04	1.2449E-03
607131.85	4202248.62	18497.07396	0.01183	0.01191	0.5938	0.65391	5.87E-04	4.72E-06	4.82E-06	3.85E-04	4.22E-04	1.4023E-03
607131.85	4202298.62	16436.36712	0.01099	0.01106	0.82549	0.94209	5.21E-04	4.39E-06	4.47E-06	5.35E-04	6.08E-04	1.6722E-03
607131.85	4202348.62	14932.36199	0.01034	0.01039	1.26227	1.60444	4.73E-04	4.13E-06	4.20E-06	8.17E-04	1.03E-03	2.3340E-03
607131.85	4202398.62	14001.28136	0.01026	0.01031	2.65785	4.3951	4.44E-04	4.10E-06	4.17E-06	1.72E-03	2.83E-03	5.0080E-03
607131.85	4202448.62	12899.12843	0.00996	0.01001	4.03909	4.95792	4.09E-04	3.98E-06	4.05E-06	2.62E-03	3.20E-03	6.2303E-03
607131.85	4202498.62	11782.31233	0.00941	0.00946	3.77593	2.82159	3.74E-04	3.76E-06	3.83E-06	2.45E-03	1.82E-03	4.6462E-03
607131.85	4202548.62	10846.37066	0.00895	0.009	2.80972	2.35528	3.44E-04	3.57E-06	3.64E-06	1.82E-03	1.52E-03	3.6897E-03
607131.85	4202598.62	10033.38727	0.00855	0.00859	2.90125	2.36509	3.18E-04	3.41E-06	3.47E-06	1.88E-03	1.53E-03	3.7292E-03
607131.85	4202648.62	9339.68613	0.00821	0.00824	3.99737	2.98263	2.96E-04	3.28E-06	3.33E-06	2.59E-03	1.92E-03	4.8151E-03
607131.85	4202698.62	8716.96218	0.00789	0.00792	5.09593	4.60396	2.76E-04	3.15E-06	3.20E-06	3.30E-03	2.97E-03	6.5522E-03
607131.85	4202748.62	8160.4992	0.0076	0.00762	1.01927	1.4167	2.59E-04	3.03E-06	3.08E-06	6.60E-04	9.14E-04	1.8386E-03
607134.16	4201710.27	77326.42537	0.02187	0.02214	0.23832	0.25128	2.45E-03	8.73E-06	8.96E-06	1.54E-04	1.62E-04	2.7860E-03
607134.55	4201552.91	181160.4725	0.03212	0.0328	0.26128	0.27387	5.74E-03	1.28E-05	1.33E-05	1.69E-04	1.77E-04	6.1162E-03
607135.38	4202554.13	10780.00854	0.00893	0.00897	2.60146	2.20941	3.42E-04	3.57E-06	3.63E-06	1.68E-03	1.42E-03	3.4587E-03
607137.51	4201741.77	68128.89098	0.02062	0.02086	0.24155	0.2546	2.16E-03	8.23E-06	8.44E-06	1.56E-04	1.64E-04	2.4976E-03
607138.86	4201627.81	119406.2578	0.02768	0.02811	0.27348	0.2885	3.79E-03	1.11E-05	1.14E-05	1.77E-04	1.86E-04	4.1718E-03
607139.48	4202572.19	10506.08139	0.00879	0.00883	2.39128	2.04657	3.33E-04	3.51E-06	3.57E-06	1.55E-03	1.32E-03	3.2087E-03
607139.67	4201507.22	254412.2813	0.03592	0.03676	0.27745	0.2902	8.07E-03	1.43E-05	1.49E-05	1.80E-04	1.87E-04	8.4631E-03
607140.46	4201489.08	301426.4521	0.03765	0.0386	0.28166	0.29459	9.56E-03	1.50E-05	1.56E-05	1.82E-04	1.90E-04	9.9608E-03
607140.94	4201796.52	58605.52768	0.02017	0.02041	0.28164	0.29807	1.86E-03	8.05E-06	8.26E-06	1.82E-04	1.92E-04	2.2492E-03
607142.23	4202652.61	9366.78354	0.00824	0.00828	3.16766	2.47528	2.97E-04	3.29E-06	3.35E-06	2.05E-03	1.60E-03	3.9514E-03
607143.61	4201470.95	375460.0904	0.03972	0.04078	0.29049	0.30379	1.19E-02	1.59E-05	1.65E-05	1.88E-04	1.96E-04	1.2322E-02
607145.14	4202352.84	14990.12287	0.01042	0.01047	1.67849	2.25552	4.75E-04	4.16E-06	4.24E-06	1.09E-03	1.45E-03	3.0254E-03
607145.92	4202673.12	9130.89403	0.00813	0.00816	3.41325	2.58245	2.90E-04	3.25E-06	3.30E-06	2.21E-03	1.67E-03	4.1720E-03
607146.05	4202593.12	10234.01911	0.00867	0.00871	2.21697	1.89348	3.25E-04	3.46E-06	3.52E-06	1.44E-03	1.22E-03	2.9884E-03
607146.9	4201656.64	104328.2878	0.02638	0.02679	0.28165	0.2982	3.31E-03	1.05E-05	1.08E-05	1.82E-04	1.92E-04	3.7042E-03
607147.72	4201580.48	154369.8107	0.03083	0.03141	0.27798	0.29256	4.89E-03	1.23E-05	1.27E-05	1.80E-04	1.89E-04	5.2885E-03
607150.03	4202691.18	8936.64542	0.00804	0.00807	3.44885	2.54534	2.83E-04	3.21E-06	3.26E-06	2.23E-03	1.64E-03	4.1649E-03
607150.7	4201452.03	494544.3195	0.04236	0.04357	0.30745	0.3219	1.57E-02	1.69E-05	1.76E-05	1.99E-04	2.08E-04	1.6122E-02
607155.17	4202340.14	15416.28925	0.01057	0.01063	1.70964	2.26315	4.89E-04	4.22E-06	4.30E-06	1.11E-03	1.46E-03	3.0641E-03
607156.28	4201627.14	120905.3432	0.02845	0.0289	0.29735	0.3147	3.83E-03	1.14E-05	1.17E-05	1.93E-04	2.03E-04	4.2523E-03
607156.59	4202712.11	8729.74122	0.00794	0.00797	2.48424	2.05004	2.77E-04	3.17E-06	3.22E-06	1.61E-03	1.32E-03	3.2141E-03
607161.65	4201706.91	81577.5345	0.02364	0.024	0.28308	0.30061	2.59E-03	9.44E-06	9.71E-06	1.83E-04	1.94E-04	2.9830E-03
607164.33	4201744.45	71266.42143	0.0223	0.02264	0.29453	0.3129	2.26E-03	8.90E-06	9.16E-06	1.91E-04	2.02E-04	2.6704E-03
607165.83	4201576.78	159951.1224	0.03203	0.03263	0.30634	0.32345	5.07E-03	1.28E-05	1.32E-05	1.98E-04	2.09E-04	5.5048E-03
607167.09	4201791.19	61674.46047	0.0216	0.02187	0.34837	0.37205	1.96E-03	8.62E-06	8.85E-06	2.26E-04	2.40E-04	2.4386E-03
607167.2	4202333.46	15743.74088	0.01074	0.0108	1.98635	2.67215	4.99E-04	4.29E-06	4.37E-06	1.29E-03	1.72E-03	3.5176E-03
607171.03	4202355.3	106458.7489	0.02753	0.02797	0.32176	0.3428	3.38E-03	1.10E-05	1.13E-05	2.08E-04	2.21E-04	3.8274E-03
607173.88	4202318.09	16257.87197	0.01093	0.01099	1.78405	2.31376	5.16E-04	4.36E-06	4.45E-06	1.16E-03	1.49E-03	3.1719E-03
607177.06	4201627.81	121654.9111	0.02936	0.02985	0.33132	0.35227	3.86E-03	1.17E-05	1.21E-05	2.15E-04	2.27E-04	4.3230E-03
607181.85	4201948.62	37086.00905	0.01668	0.01684	0.38495	0.41602	1.18E-03	6.66E-06	6.81E-06	2.49E-04	2.68E-04	1.7070E-03
607181.85	4201998.62	32338.60532	0.0154	0.01554	0.39793	0.43835	1.03E-03	6.15E-06	6.29E-06	2.58E-04	2.83E-04	1.5783E-03
607181.85	4202048.62	28463.74293	0.0144	0.01452	0.40389	0.45107	9.03E-04	5.75E-06	5.87E-06	2.62E-04	2.91E-04	1.4666E-03
607181.85	4202098.62	25437.90878	0.01367	0.01378	0.42363	0.47221	8.07E-04	5.46E-06	5.57E-06	2.74E-04	3.05E-04	1.3965E-03
607181.85	4202148.62	23352.2982	0.01352	0.01363	0.52255	0.58209	7.40E-04	5.40E-06	5.51E-06	3.38E-04	3.75E-04	1.4652E-03
607181.85	4202198.62	21237.38139	0.01314	0.01324	0.71716	0.83245	6.73E-04	5.25E-06	5.36E-06	4.64E-04	5.37E-04	1.6853E-03
607181.85	4202248.62	19271.12416	0.01252	0.0126	0.90826	1.06719	6.11E-04	5.00E-06	5.10E-06	5.88E-04	6.88E-04	1.8976E-03
607181.85	4202298.62	17071.07161	0.01134	0.01141	1.62073	2.00309	5.41E-04	4.53E-06	4.62E-06	1.05E-03	1.29E-03	2.8919E-03
607181.85	4202348.62	15576.39522	0.01082	0.01088	4.09801	3.36263	4.94E-04	4.32E-06	4.40E-06	2.65E-03	2.17E-03	5.3252E-03
607181.85	4202398.62	14671.90475	0.01082	0.01087	5.80094	4.32921	4.65E-04	4.32E-06	4.40E-06	3.76E-03	2.79E-03	7.0227E-03
607181.85	4202448.62	13402.23998	0.01033	0.01038	2.52134	2.07901	4.25E-04	4.12E-06	4.20E-06	1.63E-03	1.34E-03	3.4069E-03
607181.85	4202498.62	12245.04524	0.00974	0.00979	1.69994	1.47816	3.88E-04	3.89E-06	3.96E-06	1.10E-03	9.53E-04	2.4503E-03
607181.85	4202548.62	11276.08798	0.00926	0.0093	1.43943	1.2917	3.58E-04	3.70E-06	3.76E-06	9.32E-04	8.33E-04	2.1303E-03
607182.57	4202306.06	16790.97061	0.01121	0.01127	1.81577	2.32791	5.32E-04	4.48E-06	4.56E-06	1.18E-03	1.50E-03	3.2187E-03
607183.52	4201578.02	159817.8282	0.03297	0.0336	0.33905	0.35945	5.07E-03	1.32E-05	1.36E-05	2.20E-04	2.32E-04	5.5457E-03

607185.11	4201741.77	73516.51185	0.02342	0.02376	0.33717	0.36068	2.33E-03	9.35E-06	9.61E-06	2.18E-04	2.33E-04	2.8010E-03
607190.12	4201515.89	241816.4283	0.03843	0.03927	0.36646	0.38749	7.67E-03	1.53E-05	1.59E-05	2.37E-04	2.50E-04	8.1861E-03
607190.47	4201708.25	83591.93897	0.02486	0.02525	0.33501	0.3592	2.65E-03	9.93E-06	1.02E-05	2.17E-04	2.32E-04	3.1193E-03
607192.59	4202290.69	17500.91454	0.01167	0.01173	1.7455	2.18331	5.55E-04	4.66E-06	4.74E-06	1.13E-03	1.41E-03	3.1028E-03
607193.82	4201656.64	106923.237	0.02842	0.02891	0.36204	0.38858	3.39E-03	1.13E-05	1.17E-05	2.34E-04	2.51E-04	3.8985E-03
607194.06	4201499.33	278520.881	0.04037	0.04129	0.38183	0.40388	8.83E-03	1.61E-05	1.67E-05	2.47E-04	2.60E-04	9.3720E-03
607196.5	4201624.46	124673.6032	0.03051	0.03105	0.36867	0.39398	3.95E-03	1.22E-05	1.26E-05	2.39E-04	2.54E-04	4.4708E-03
607197.52	4201575.13	163024.2606	0.034	0.03467	0.37052	0.39396	5.17E-03	1.36E-05	1.40E-05	2.40E-04	2.54E-04	5.6909E-03
607198	4201459.13	448351.308	0.04544	0.0466	0.41342	0.43746	1.42E-02	1.81E-05	1.89E-05	2.68E-04	2.82E-04	1.4803E-02
607199.58	4201481.99	331271.6839	0.04272	0.04374	0.40429	0.42797	1.05E-02	1.71E-05	1.77E-05	2.62E-04	2.76E-04	1.1077E-02
607202.62	4202281.33	18016.7659	0.012	0.01208	1.78801	2.26868	5.71E-04	4.79E-06	4.89E-06	1.16E-03	1.46E-03	3.2020E-03
607207.23	4201733.73	77004.4298	0.02472	0.0251	0.38643	0.41668	2.44E-03	9.87E-06	1.02E-05	2.50E-04	2.69E-04	2.9807E-03
607209.24	4201706.24	85467.83145	0.02589	0.0263	0.37972	0.40993	2.71E-03	1.03E-05	1.06E-05	2.46E-04	2.64E-04	3.2413E-03
607209.71	4201784.9	64550.24251	0.02314	0.02345	0.45585	0.49394	2.05E-03	9.24E-06	9.49E-06	2.95E-04	3.19E-04	2.6793E-03
607214.65	4202269.97	18780.91151	0.01243	0.01251	1.82958	2.40451	5.96E-04	4.96E-06	5.06E-06	1.18E-03	1.55E-03	3.3411E-03
607218.63	4201662	104627.596	0.02902	0.02954	0.41104	0.44529	3.32E-03	1.16E-05	1.19E-05	2.66E-04	2.87E-04	3.8945E-03
607218.92	4201572.25	165760.6467	0.03547	0.03621	0.42638	0.4558	5.26E-03	1.42E-05	1.46E-05	2.76E-04	2.94E-04	5.8549E-03
607221.31	4201541.89	115584.1824	0.0306	0.03117	0.42506	0.46025	3.66E-03	1.22E-05	1.26E-05	2.75E-04	2.97E-04	4.2619E-03
607223.32	4201616.42	130919.7389	0.03246	0.0331	0.4336	0.46738	4.15E-03	1.30E-05	1.34E-05	2.81E-04	3.01E-04	4.7598E-03
607226.68	4202254.6	19708.64503	0.01295	0.01304	1.88151	2.66982	6.25E-04	5.17E-06	5.27E-06	1.22E-03	1.72E-03	3.5757E-03
607228.68	4202226.53	20787.05835	0.0134	0.0135	1.49592	2.0475	6.59E-04	5.35E-06	5.46E-06	9.69E-04	1.32E-03	2.9592E-03
607231.85	4201948.62	39023.97201	0.01829	0.01847	0.58965	0.65142	1.24E-03	7.30E-06	7.47E-06	3.82E-04	4.20E-04	2.0542E-03
607231.85	4201998.62	33691.6487	0.01682	0.01697	0.603	0.68416	1.07E-03	6.72E-06	6.86E-06	3.90E-04	4.41E-04	1.9136E-03
607231.85	4202048.62	29741.86607	0.01558	0.0157	0.62614	0.73694	9.43E-04	6.22E-06	6.35E-06	4.05E-04	4.75E-04	1.8364E-03
607231.85	4202098.62	26916.51261	0.0151	0.01522	0.69603	0.8364	8.53E-04	6.03E-06	6.16E-06	4.51E-04	5.39E-04	1.8558E-03
607231.85	4202148.62	24387.77156	0.01459	0.0147	1.07787	1.36138	7.73E-04	5.83E-06	5.95E-06	6.98E-04	8.78E-04	2.3611E-03
607231.85	4202198.62	21929.62784	0.01377	0.01387	1.32156	1.74879	6.95E-04	5.50E-06	5.61E-06	8.56E-04	1.13E-03	2.6902E-03
607231.85	4202248.62	19999.38896	0.01314	0.01323	1.96475	2.87466	6.34E-04	5.25E-06	5.35E-06	1.27E-03	1.85E-03	3.7711E-03
607231.85	4202298.62	17712.76794	0.01192	0.01199	5.3826	4.14534	5.62E-04	4.76E-06	4.85E-06	3.49E-03	2.67E-03	6.7305E-03
607231.85	4202348.62	16251.70641	0.01154	0.01161	4.85225	3.94152	5.15E-04	4.61E-06	4.70E-06	3.14E-03	2.54E-03	6.2090E-03
607231.85	4202398.62	15229.85281	0.01135	0.01142	2.20548	1.92008	4.83E-04	4.53E-06	4.62E-06	1.43E-03	1.24E-03	3.1587E-03
607231.85	4202448.62	13860.24823	0.01069	0.01075	1.41347	1.26782	4.39E-04	4.27E-06	4.35E-06	9.15E-04	8.18E-04	2.1811E-03
607231.85	4202498.62	12704.94394	0.01011	0.01016	1.09836	1.0049	4.03E-04	4.04E-06	4.11E-06	7.11E-04	6.48E-04	1.7704E-03
607231.85	4202548.62	11693.14813	0.00959	0.00963	0.95433	0.88519	3.71E-04	3.83E-06	3.90E-06	6.18E-04	5.71E-04	1.5674E-03
607232.69	4201479.62	340341.9394	0.04614	0.04736	0.52489	0.56197	1.08E-02	1.84E-05	1.92E-05	3.40E-04	3.62E-04	1.1532E-02
607235.06	4201458.34	453396.5456	0.04947	0.05086	0.56098	0.6018	1.44E-02	1.98E-05	2.06E-05	3.63E-04	3.88E-04	1.5168E-02
607237.02	4201569.37	168917.6265	0.03692	0.03773	0.48594	0.5226	5.36E-03	1.47E-05	1.53E-05	3.15E-04	3.37E-04	6.0379E-03
607242.15	4201499.33	279895.8861	0.0446	0.04576	0.55208	0.59422	8.88E-03	1.78E-05	1.85E-05	3.58E-04	3.83E-04	9.6522E-03
607245.3	4201518.25	239063.7956	0.04267	0.04374	0.5503	0.59375	7.58E-03	1.70E-05	1.77E-05	3.56E-04	3.83E-04	8.3544E-03
607256.2	4201735.98	78625.71383	0.02701	0.02744	0.57375	0.6388	2.49E-03	1.08E-05	1.11E-05	3.72E-04	4.12E-04	3.2985E-03
607259.99	4202104.79	27418.96007	0.01586	0.016	1.29013	1.85171	8.69E-04	6.33E-06	6.47E-06	8.35E-04	1.19E-03	2.9120E-03
607260.56	4201780.54	66909.32054	0.02519	0.02555	0.68059	0.76269	2.12E-03	1.01E-05	1.03E-05	4.41E-04	4.92E-04	3.0746E-03
607262.5	4201714.67	85301.94912	0.0283	0.02877	0.58438	0.65371	2.70E-03	1.13E-05	1.16E-05	3.78E-04	4.22E-04	3.5278E-03
607263.77	4201568.55	169698.749	0.03901	0.0399	0.60721	0.66179	5.38E-03	1.56E-05	1.61E-05	3.93E-04	4.27E-04	6.2326E-03
607263.97	4202045.13	31118.76299	0.01684	0.017	1.03546	1.32748	9.87E-04	6.72E-06	6.88E-06	6.71E-04	8.56E-04	2.5270E-03
607265.41	4201691.43	93332.47974	0.0297	0.03021	0.58493	0.65491	2.96E-03	1.19E-05	1.22E-05	3.79E-04	4.22E-04	3.7847E-03
607268.31	4201663.82	104705.8869	0.03153	0.0321	0.58974	0.65946	3.32E-03	1.26E-05	1.30E-05	3.82E-04	4.25E-04	4.1529E-03
607270.25	4201614.91	132561.9334	0.03545	0.0362	0.61464	0.67987	4.20E-03	1.42E-05	1.46E-05	3.98E-04	4.38E-04	5.0687E-03
607271.35	4202059.5	30510.62959	0.0169	0.01705	1.4225	2.07831	9.67E-04	6.75E-06	6.90E-06	9.21E-04	1.34E-03	3.2427E-03
607272.19	4201641.54	116081.8208	0.03337	0.03402	0.61197	0.68354	3.68E-03	1.33E-05	1.38E-05	3.96E-04	4.41E-04	4.5450E-03
607276.28	4201925.31	43069.30909	0.02051	0.02075	1.12154	1.31819	1.37E-03	8.19E-06	8.39E-06	7.26E-04	8.50E-04	2.9587E-03
607278.74	4202023.38	33454.78466	0.01796	0.01813	1.69424	2.3416	1.06E-03	7.17E-06	7.33E-06	1.10E-03	1.51E-03	3.6827E-03
607279.97	4201945.82	40785.22208	0.02001	0.02023	1.29663	1.559	1.29E-03	7.99E-06	8.18E-06	8.40E-04	1.01E-03	3.1546E-03
607281.85	4201948.62	40506.64834	0.01998	0.0202	1.36499	1.65195	1.28E-03	7.98E-06	8.17E-06	8.84E-04	1.07E-03	3.2499E-03
607281.85	4201998.62	35608.72238	0.01864	0.01883	1.66287	2.1976	1.13E-03	7.44E-06	7.62E-06	1.08E-03	1.42E-03	3.6384E-03
607281.85	4202048.62	31534.80169	0.01744	0.01761	2.01789	3.08741	1.00E-03	6.96E-06	7.12E-06	1.31E-03	1.99E-03	4.3120E-03
607281.85	4202098.62	28097.93937	0.01638	0.01653	2.46429	4.43812	8.91E-04	6.54E-06	6.69E-06	1.60E-03	2.86E-03	5.3624E-03
607281.85	4202148.62	24971.51971	0.01524	0.01537	3.66517	3.40058	7.92E-04	6.09E-06	6.22E-06	2.37E-03	2.19E-03	5.3708E-03
607281.85	4202198.62	22531.36864	0.01439	0.01451	3.6039	3.94881	7.14E-04	5.75E-06	5.87E-06	2.33E-03	2.55E-03	5.6067E-03
607281.85	4202248.62	20623.49996	0.01377	0.01388	4.13977	5.35722	6.54E-04	5.50E-06	5.61E-06	2.68E-03	3.46E-03	6.8011E-03
607281.85	4202298.62	18722.34776	0.01296	0.01305	3.8067	2.87725	5.94E-04	5.17E-06	5.28E-06	2.47E-03	1.86E-03	4.9250E-03
607281.85	4202348.62	17162.91802	0.01241	0.0125	1.97795	1.75191	5.44E-04	4.96E-06	5.06E-06	1.28E-03	1.13E-03	2.9650E-03
607281.85	4202398.62	15652.20097	0.01174	0.01181	1.30307	1.19623	4.96E-04	4.69E-06	4.78E-06	8.44E-04	7.72E-04	2.1211E-03
607281.85	4202448.62	14308.6417	0.01107	0.01114	0.9802	0.91111	4.54E-04	4.42E-06	4.51E-06	6.35E-04	5.88E-04	1.6850E-03
607281.85	4202498.62	13135.90277	0.01047	0.01053	0.80663	0.75701	4.17E-04	4.18E-06	4.26E-06	5.22E-04	4.88E-04	1.4356E-03
607281.85	4202548.62	12107.87767	0.00993	0.00999	0.70881	0.67003	3.84E-04	3.97E-06	4.04E-06	4.59E-04	4.32E-04	1.2831E-03
607282.36	4201779.57	67466.71608	0.0261	0.02649	0.86523	0.99609	2.14E-03	1.04E-05	1.07E-05	5.60E-04	6.42E-04	3.3631E-03
607283.25	4202005.74	35002.08602	0.01849	0.01868	1.78258	2.4147	1.11E-03	7.38E-06	7.56E-06	1.15E-03	1.56E-03	3.8365E-03
607284.07	4201963.88	38940.34024	0.0196	0.01982	1.52426	1.89251	1.23E-03	7.83E-06	8.02E-06	9.87E-04	1.22E-03	3.4583E-03
607285.17	4201568.14	169412.9388	0.04083	0.04181	0.75193	0.83269	5.37E-03	1.63E-05	1.69E-05	4.87E-04	5.37E-04	6.4290E-03
607287.2	4201728.23	81368.74248	0.02891	0.0294	0.77655	0.89687	2.58E-03	1.15E-05	1.19E-05	5.03E-04	5.78E-04	3.6848E-03
607288.66	4201454.4	482208.0237	0.05712	0.05906	1.10477	1.24173	1.53E-02	2.28E-05	2.39E-05	7.15E-04	8.01E-04	1.6853E-02
607289.45	4201490.66	304595.974	0.0512	0.05275	0.98694	1.10067	9.66E-03	2.04E-05	2.13E-05	6.39E-04	7.10E-04	1.1049E-02
607289.45	4201514.95	248797.3621	0.04799	0.04934	0.90007	1.00286	7.89E-03	1.92E-05	2.00E-05	5.83E-04	6.47E-04	9.1578E-03
607290.64	4201984.81	36990.17899	0.01919	0.0194	1.98465	2.63252	1.17E-03	7.66E-06	7.85E-06	1.29E-03	1.70E-03	4.1715E-03
607294.18	4201470.16	385370.0851	0.05506	0.05686	1.14499	1.28723	1.22E-02	2.20E-05	2.30E-05	7.41E-04	8.30E-04	1.3836E-02
607294.46	4201707.41	88158.12622	0.03046	0.03102	0.81572	0.95251	2.80E-03	1.22E-05	1.25E-05	5.28E-04	6.14E-04	3.9626E-03
607299.31	4201658.98	107295.895	0.03384	0.03453	0.80858	0.93937	3.40E-03	1.35E-05	1.40E-05	5.24E-04	6.06E-04	4.5591E-03
607299.31	4201681.26	97880.74704	0.03233	0.03296	0.83042	0.97248	3.10E-03	1.29E-05	1.33E-05	5.38E-04	6.27E-04	4.2949E-03
607303.67	4201638.15	117548.4894	0.03572	0.03648	0.84181	0.97494	3.73E-03	1.43E-05	1.48E-05	5.45E-04	6.29E-04	4.9302E-03
607305.12	4201612.97	132909.0651	0.03815	0.03904	0.88878	1.01669	4.21E-03	1.52E-05	1.58E-05	5.76E-04	6.56E-04	5.4766E-03
607305.12	4201782.47	66872.20525	0.0268	0.02723	1.25305	1.52765	2.12E-03	1.07E-05	1.10E-05	8.11E-04	9.85E-04	3.9389E-03
607307.4	4201564.43	171778.0863	0.04326	0.04437	0.99696	1.13519	5.45E-03	1.73E-05	1.79E-05	6.46E-04	7.32E-04	6.8598E-03
607307.87	4201899.45	46592.54269	0.0221	0.02238	2.16604	2.86429	1.48E-03	8.82E-06	9.05E-06	1.40E-03	1.85E-03	4.7453E-03
607316.49	4201853.9	53262.3658	0.024	0.02434	2.14675	2.95534	1.69E-03	9.58E-06	9.85E-06	1.39E-03	1.91E-03	5.0046E-03
607321.3	4202259.3	20633.51307	0.01406	0.01418	2.77616	2.19171	6.54E-04	5.61E-06	5.74E-06	1.80E-03	1.41E-03	3.8770E-03
607330.96	4202209.32	22702.86421	0.01491	0.01506	3.12303	2.47217	7.20E-04	5.95E-06	6.09E-06	2.02E-03	1.59E-03	4.3488E-03
607331.85	4201948.62	40981.02767	0.02105	0.02133	2.7548	5.68077	1.30E-03	8.41E-06	8.63E-06	1.78E-03	3.66E-03	6.7643E-03
607331.85	4201998.62	36229.4009	0.01967	0.01992	4.06181	6.61806	1.15E-03	7.85E-06	8.06E-06	2.63E-03	4.27E-03	8.0634E-03
607331.85	4202048.62	32119.32161	0.01834	0.01856	6.36332	4.51351	1.02E-03	7.32E-06	7.51E-06	4.12E-03	2.91E-03	8.0651E-03
607331.85	4202098.62	28636.05746	0.01713	0.01732	4.97868	3.48759	9.08E-04	6.84E-06	7.01E-06	3.22E-03	2.25E-03	6.3953E-03
607331.85	4202148.62	25468.6438	0.01585	0.01601	3.83607	2.80971	8.08E-04	6.33E-06	6.48E-06	2.48E-03	1.81E-03	5.1167E-03
607331.85	4202198.62	23075.02293	0.01499	0.01514	3.27871	2.52069	7.32E-04	5.99E-06	6.12E-06	2.12E-03	1.63E-03	4.4928E-03
607331.85	4202248.62	21168.68352	0.01433	0.01447	2.48943	2.01355	6.71E-04	5.72E-06	5.85E-06	1.61E-03	1.30E-03	3.5936E-03
607331.85	4202298.62	19303.45263	0.01355	0.01368	1.80366	1.53996	6.12E-04	5.41E-06	5.53E-06	1.17E-03	9.93E-04	2.7843E-03
607331.85	4202348.62	17655.34966	0.01286	0.01297	1.29052	1.16626	5.60E-04	5.13E-06	5.25E-06	8.36E-04	7.52E-04	2.1581E-03
607331.85	4202398.62	16166.92926	0.0122	0.0123	0.96449	0.89807	5.13E-04	4.87E-06	4.98E-06	6.25E-04	5.79E-04	1.7263E-03
607331.85	4202448.62	14765.49746	0.01146	0.01155	0.75513	0.71284	4.68E-04	4.58E-06	4.67E-06	4.89E-04	4.60E-04	1.4262E-03
607331.85	4202498.62	13549.42801	0.01081	0.01089	0.63365	0.60275	4.30E-04	4.32E-06	4.41E-06	4.10E-04	3.89E-04	1.2374E-03
607331.85	4202548.62	12499.82334	0.01025	0.01032	0.55605	0.53207	3.96E-04	4.09E-06	4.17E-06	3.60E-04	3.43E-04	1.1079E-03
607332.24	4201768.91	69989.05145	0.02855	0.02905	2.10387	2.91203	2.22E-03	1.14E-05	1.18E-05	1.36E-03	1.88E-03	5.4830E-03
607333.23	4202147.98	25519.08722	0.01588	0.01605	3.71945	2.74596	8.09E-04	6.34E-06	6.49E-06	2.41E-03	1.77E-03	5.0017E-03
607333.8	4202176.38	23975.80953	0.01525	0.0154	3.2453	2.45047	7.60E-04	6.09E-06	6.23E-06	2.10E-03	1.58E-03	4.4546E-03
607338.67	4201559.91	171720.0041	0.04668	0.04805	1.68645	2.05897	5.44E-03	1.86E-05	1.94E-05	1.09E-03	1.33E-03	7.9031E-03
607339.02	4201743.25	76622.42026	0.0304	0.03099	2.12054	2.99882	2.43E-03	1.21E-05	1.25E-05	1.37E-03	1.93E-03	5.7616E-03
607340.96	4201720	83449.04558	0.03202	0.03267	1.95592	2.7325	2.65E-03	1.28E-05	1.32E-05	1.27E-03	1.76E-03	5.7010E-03
607346.28	4201693.85	92074.64091	0.03414	0.03489	1.95987	2.75648	2.92E-03	1.36E-05	1.41E-05	1.27E-03	1.78E-03	5.9943E-03
607346.86	4202072.72	30527.7667	0.01797	0.01819	3.82402	2.90156	9.68E-04	7.18E-06	7.36E-06	2.48E-03	1.87E-03	5.3303E-03
607348.03	4202037.94	33109.52342	0.01888	0.01912	4.35121	3.34203	1.05E-03	7.54E-06	7.73E-06	2.82E-03	2.16E-03	6.0384E-03
607350.64	4201670.12	100990.08	0.03619	0.03705	1.95492	2.78523	3.20E-03	1.45E-05	1.50E-05	1.27E-03	1.80E-03	6.2940E-03
607352.58	4201646.39	111339.4838	0.03832	0.03929	1.92059	2.65733	3.53E-03	1.53E-05	1.59E-05	1.24E-03	1.71E-03	6.5192E-03
607355.48	4201589.24	144383.1902	0.04456	0.04585	2.30792	2.98575	4.58E-03	1.78E-05	1.85E-05	1.49E-03	1.93E-03	8.0348E-03
607355.97	4201619.75	124932.6072	0.04119	0.04231	2.11486	2.80668	3.96E-03	1.64E-05	1.71E-05	1.37E-03	1.81E-03	7.1747E-03
607366.33	4200769.13	641820.8772	1.74856	1.43729	0.03979	0.03766	2.04E-02	6.98E-04	5.81E-04	2.58E-05	2.43E-05	2.1681E-02
607369.05	4201993.63	37086.63484	0.02051	0.02081	3.27579	2.76598	1.18E-03	8.19E-06	8.42E-06	2.12E-03	1.78E-03	5.0979E-03
607370.6	4200744.38	524957.6945	1.48929	1.24955	0.036	0.03422	1.66E-02	5.95E-04	5.05E-04	2.33E-05	2.21E-05	1.7791E-02
607378.7	4201943.65	41973.06476	0.02226	0.02261	3.30802	2.80509	1.33E-03	8.89E-06	9.15E-06	2.14E-03	1.81E-03	5.3003E-03
607380.97	4201882.31	49310.39742	0.02457	0.02499	4.1753	3.29048	1.56E-03	9.81E-06	1.01E-05	2.70E-03	2.12E-03	6.4096E-03
607381.54	4201910.71	45704.3106	0.02348	0.02387	3.56835	2.96232	1.45E-03	9.38E-06	9.66E-06	2.31E-03	1.91E-03	5.6896E-03
607381.85	4201948.62	41493.25722	0.02217	0.02252	3.06799	2.63148	1.32E-03	8.85E-06	9.11E-06	1.99E-03	1.70E-03	5.0176E-03
607381.85	4201998.62	36775.94722	0.02057	0.02087	2.52747	2.20146	1.17E-03	8.21E-06	8.44E-06	1.64E-03	1.42E-03	4.2394E-03
607381.85	4202048.62	32674.59767	0.01913	0.0194	2.22774	1.90158	1.04E-03	7.64E-06	7.85E-06	1.44E-03	1.23E-03	3.7206E-03
607381.85	4202098.62	29029.54688	0.01772	0.01795	1.93036	1.65636	9.20E-04	7.08E-06	7.26E-06	1.25E-03	1.07E-03	3.2532E-03
607381.85	4202148.62	25904.02455	0.0164	0.01659	1.68625	1.45184	8.21E-04	6.55E-06	6.71E-06	1.09E-03	9.36E-04	2.8630E-03
607381.85	4202348.62	18113.54383	0.01321	0.01334	0.91408	0.84017	5.74E-04	5.27E-06	5.40E-06	5.92E-04	5.42E-04	1.7188E-03
607381.85	4202398.62	16588.32131	0.01253	0.01265	0.73858	0.69343	5.26E-04	5.00E-06	5.12E-06	4.78E-04	4.47E-04	1.4616E-03
607381.85	4202448.62	15164.38514	0.01177	0.01187	0.60384	0.57435	4.81E-04	4.70E-06	4.80E-06	3.91E-04	3.70E-04	1.2518E-03
607381.85	4202498.62	13928.77592	0.01109	0.01118	0.51462	0.49327	4.42E-04	4.43E-06	4.52E-06	3.33E-04	3.18E-04	1.1020E-03
607381.85	4202548.62	12868.33768	0.01052	0.0106	0.45108	0.43505	4.08E-04	4.20E-06	4.29E-06	2.92E-04	2.81E-04	9.8922E-04
607400.85	4201861.3	52245.76211	0.02599	0.02647	2.93845	2.46245	1.66E-03	1.04E-05	1.07E-05	1.90E-03	1.59E-03	5.1688E-03
607402.25	4201797.62	62841.53087	0.02929	0.0299	3.58586	2.88625	1.99E-03	1.17E-05	1.21E-05	2.32E-03	1.86E-03	6.2001E-03
607402.82	4201762.98	70138.17905	0.03151	0.03221	4.22638	3.23134	2.22E-03	1.26E-05	1.30E-05	2.74E-03	2.08E-03	7.0706E-03
607405.41	4201505.03	206429.7185	0.06304	0.0657	4.17406	3.49824	6.55E-03	2.52E-05	2.66E-05	2.70E-03	2.26E-03	1.1557E-02
607410.62	4201477.67	235693.0153	0.07015	0.07343	3.07512	2.726	7.47E-03	2.80E-05	2.97E-05	1.99E-03	1.76E-03	1.1281E-02
607415.83	4201531.52	173971.3878	0.05885	0.06118	3.87238	3.19242	5.52E-03	2.35E-05	2.47E-05	2.51E-03	2.06E-03	1.0131E-02
607417.02	4201708.46	83633.48798	0.03628	0.03719	3.77283	2.94457	2.65E-03	1.45E-05	1.50E-05	2.44E-03	1.90E-03	7.0238E-03
607423.16	4200737.35	339953.5867	2.92747	2.23907	0.0341	0.03244	1.08E-02	1.17E-03	9.06E-04	2.21E-05	2.09E-05	1.2897E-02
607424.97	4201746.51	73235.67255	0.03356	0.03435	2.8234	2.32863	2.32E-03	1.34E-05	1.39E-05	1.83E-03	1.50E-03	5.6797E-03
607425.67	4201675.37	93342.38919	0.03977	0.04086	3.50822	2.78568	2.96E-03	1.59E-05	1.65E-05	2.27E-03	1.80E-03	7.0607E-03
607426.11	4201803.3	61319.16817	0.02974	0.03037	2.29462	1.97714	1.94E-03	1.19E-05	1.23E-05	1.49E-03	1.28E-03	4.7296E-03
607427.56	4201582.75	133909.8072	0.05127	0.05305	3.76845	3.08289	4.25E-03	2.05E-05	2.15E-05	2.44E-03	1.99E-03	8.7167E-03
607430.39	4201618.1	115069.5293	0.04652	0.048	3.54545	2.90402	3.65E-03	1.86E-05	1.94E-05	2.30E-03	1.87E-03	7.8556E-03
607431.85	4202348.62	18436.01888	0.01353	0.01368	0.68298	0.63872	5.85E-04	5.40E-06	5.53E-06	4.42E-04	4.12E-04	1.4497E-03
607431.85	4202398.62	16833.39536	0.01269	0.01282	0.57163	0.54161	5.34E-04	5.07E-06	5.19E-06	3.70E-04	3.49E-04	1.2635E-03
607431.85	4202448.62	15488.8622	0.012	0.01211	0.49071	0.46926	4.91E-04	4.79E-06	4.90E-06	3.18E-04	3.03E-04	1.1212E-03
607431.85	4202498.62	14275.04081	0.01134	0.01144	0.42627	0.41061	4.53E-04	4.53E-06	4.63E-06	2.76E-04	2.65E-04	1.0027E-03

607431.85	4202548.62	13209.03611	0.01076	0.01085	0.37419	0.36274	4.19E-04	4.30E-06	4.39E-06	2.42E-04	2.34E-04	9.0380E-04
607437.11	4201475.93	212451.2892	0.0744	0.07807	1.95903	1.79581	6.74E-03	2.97E-05	3.16E-05	1.27E-03	1.16E-03	9.2247E-03
607438.52	4201654.18	99278.10439	0.04269	0.04395	2.82622	2.3533	3.15E-03	1.70E-05	1.78E-05	1.83E-03	1.52E-03	6.5308E-03
607441.02	4201532.39	161825.0003	0.06136	0.06389	2.32098	2.06671	5.13E-03	2.45E-05	2.58E-05	1.50E-03	1.33E-03	8.0175E-03
607441.46	4201563.66	141266.7143	0.05553	0.05762	2.63662	2.29783	4.48E-03	2.22E-05	2.33E-05	1.71E-03	1.48E-03	7.7143E-03
607444.85	4201714.71	80028.7946	0.03698	0.03793	2.22327	1.89797	2.54E-03	1.48E-05	1.53E-05	1.44E-03	1.22E-03	5.2316E-03
607445.41	4201806.14	60372.27897	0.03021	0.03086	1.77088	1.57079	1.91E-03	1.21E-05	1.25E-05	1.15E-03	1.01E-03	4.0987E-03
607450.52	4201749.92	71243.09792	0.03432	0.03514	1.90401	1.65828	2.26E-03	1.37E-05	1.42E-05	1.23E-03	1.07E-03	4.5895E-03
607455.14	4201620.93	109471.1686	0.04783	0.04938	2.18495	1.90731	3.47E-03	1.91E-05	2.00E-05	1.41E-03	1.23E-03	6.1553E-03
607455.35	4201475.06	198290.4248	0.07718	0.0811	1.55344	1.44277	6.29E-03	3.08E-05	3.28E-05	1.01E-03	9.31E-04	8.2876E-03
607459.04	4201719.25	77886.26789	0.03723	0.03819	1.82292	1.59413	2.47E-03	1.49E-05	1.54E-05	1.18E-03	1.03E-03	4.7086E-03
607461	4201530.65	154337.7065	0.06382	0.06655	1.7342	1.58702	4.89E-03	2.55E-05	2.69E-05	1.12E-03	1.02E-03	7.0928E-03
607462.74	4201564.09	134557.633	0.05739	0.05961	1.88848	1.69476	4.27E-03	2.29E-05	2.41E-05	1.22E-03	1.09E-03	6.6296E-03
607463.02	4201659.05	94513.42744	0.04354	0.04483	1.89894	1.66353	3.00E-03	1.74E-05	1.81E-05	1.23E-03	1.07E-03	5.3350E-03
607469.83	4201761.27	67878.45987	0.03421	0.03503	1.48947	1.33332	2.15E-03	1.37E-05	1.42E-05	9.65E-04	8.60E-04	4.0046E-03
607471.54	4201807.84	59327.12914	0.03098	0.03166	1.34391	1.22185	1.88E-03	1.24E-05	1.28E-05	8.70E-04	7.88E-04	3.5647E-03
607473.47	4201205.35	343030.0392	0.35948	0.41811	0.92055	0.82778	1.09E-02	1.44E-04	1.69E-04	5.96E-04	5.34E-04	1.2320E-02
607474.9	4201475.93	183601.0268	0.07944	0.08358	1.26874	1.18998	5.82E-03	3.17E-05	3.38E-05	8.22E-04	7.67E-04	7.4764E-03
607475.65	4201620.23	106153.6362	0.04934	0.05099	1.6502	1.48013	3.37E-03	1.97E-05	2.06E-05	1.07E-03	9.55E-04	5.4296E-03
607478.35	4201723.23	75565.8088	0.03777	0.03876	1.45802	1.30447	2.40E-03	1.51E-05	1.57E-05	9.44E-04	8.41E-04	4.2124E-03
607481.85	4202348.62	18724.05905	0.01383	0.01397	0.53687	0.50762	5.94E-04	5.52E-06	5.65E-06	3.48E-04	3.27E-04	1.2799E-03
607481.85	4202398.62	17121.79162	0.01296	0.01309	0.46405	0.44251	5.43E-04	5.17E-06	5.30E-06	3.01E-04	2.85E-04	1.1393E-03
607481.85	4202448.62	15770.18443	0.01223	0.01234	0.40605	0.39012	5.00E-04	4.88E-06	4.99E-06	2.63E-04	2.52E-04	1.0245E-03
607481.85	4202498.62	14581.06582	0.01158	0.01168	0.35797	0.34618	4.62E-04	4.62E-06	4.72E-06	2.32E-04	2.23E-04	9.2678E-04
607481.85	4202548.62	13520.08606	0.01099	0.01108	0.31586	0.3073	4.29E-04	4.39E-06	4.48E-06	2.05E-04	1.98E-04	8.4031E-04
607482.45	4201664.05	90573.29458	0.04407	0.0454	1.49578	1.34074	2.87E-03	1.76E-05	1.84E-05	9.69E-04	8.65E-04	4.7413E-03
607482.71	4201528.05	146878.4971	0.06661	0.06957	1.34591	1.25231	4.66E-03	2.66E-05	2.81E-05	8.72E-04	8.08E-04	6.3913E-03
607483.15	4201562.79	129148.2312	0.05944	0.06182	1.45992	1.33656	4.10E-03	2.37E-05	2.50E-05	9.45E-04	8.62E-04	5.9513E-03
607493.12	4201817.49	57158.15566	0.03114	0.03182	1.10263	1.0183	1.81E-03	1.24E-05	1.29E-05	7.14E-04	6.57E-04	3.2085E-03
607496.96	4201155.79	319091.8915	0.49414	0.57844	0.67074	0.59536	1.01E-02	1.97E-04	2.34E-04	4.34E-04	3.84E-04	1.1368E-02
607496.96	4201172.31	315746.7823	0.4381	0.50989	0.69995	0.62616	1.00E-02	1.75E-04	2.06E-04	4.53E-04	4.04E-04	1.1250E-02
607496.96	4201188.83	312080.0708	0.38865	0.44945	0.72503	0.65351	9.90E-03	1.55E-04	1.82E-04	4.70E-04	4.21E-04	1.1124E-02
607496.96	4201205.35	308036.4523	0.34531	0.39653	0.74639	0.67761	9.77E-03	1.38E-04	1.60E-04	4.83E-04	4.37E-04	1.0986E-02
607496.96	4201221.87	303562.7543	0.30757	0.35055	0.76459	0.69872	9.63E-03	1.23E-04	1.42E-04	4.95E-04	4.51E-04	1.0836E-02
607498.23	4201770.36	64697.0488	0.03464	0.03547	1.13003	1.03615	2.05E-03	1.38E-05	1.43E-05	7.32E-04	6.68E-04	3.4797E-03
607498.79	4201747.08	69073.85932	0.03657	0.0375	1.16196	1.06117	2.19E-03	1.46E-05	1.52E-05	7.52E-04	6.84E-04	3.6569E-03
607499.22	4201472.89	170394.7744	0.08322	0.0877	1.01672	0.96236	5.40E-03	3.32E-05	3.55E-05	6.58E-04	6.21E-04	6.7508E-03
607502.35	4201677.74	84519.12945	0.04362	0.04493	1.2158	1.10683	2.68E-03	1.74E-05	1.82E-05	7.87E-04	7.14E-04	4.2168E-03
607506.75	4201731.18	71794.7636	0.03837	0.03938	1.11135	1.01767	2.28E-03	1.53E-05	1.59E-05	7.20E-04	6.56E-04	3.6838E-03
607507.9	4201522.4	139866.9072	0.07034	0.0736	1.05256	0.99136	4.43E-03	2.81E-05	2.98E-05	6.82E-04	6.39E-04	5.8138E-03
607509.64	4201539.77	131317.627	0.06649	0.06941	1.07456	1.0071	4.16E-03	2.65E-05	2.81E-05	6.96E-04	6.50E-04	5.5639E-03
607510.51	4201563.23	121201.3703	0.06168	0.0642	1.11004	1.03317	3.84E-03	2.46E-05	2.60E-05	7.19E-04	6.66E-04	5.2789E-03
607517.46	4201473.76	159855.5844	0.08478	0.08937	0.88571	0.84227	5.07E-03	3.39E-05	3.62E-05	5.74E-04	5.43E-04	6.2556E-03
607518.78	4201606.08	103341.1367	0.0546	0.05659	1.06714	0.98983	3.28E-03	2.18E-05	2.29E-05	6.91E-04	6.38E-04	4.6509E-03
607520.45	4201073.19	303210.7202	0.76502	0.88343	0.38852	0.33828	9.61E-03	3.05E-04	3.57E-04	2.52E-04	2.18E-04	1.0747E-02
607520.45	4201089.71	300530.7282	0.6925	0.80196	0.4284	0.37487	9.53E-03	2.77E-04	3.24E-04	2.77E-04	2.42E-04	1.0649E-02
607520.45	4201106.23	297899.0678	0.62457	0.72371	0.46554	0.40986	9.45E-03	2.49E-04	2.93E-04	3.01E-04	2.64E-04	1.0554E-02
607520.45	4201122.75	295216.6269	0.56204	0.65031	0.49929	0.44258	9.36E-03	2.24E-04	2.63E-04	3.23E-04	2.85E-04	1.0457E-02
607520.45	4201155.79	289402.4619	0.454	0.5219	0.5566	0.50017	9.18E-03	1.81E-04	2.11E-04	3.60E-04	3.23E-04	1.0252E-02
607520.45	4201172.31	286151.1289	0.40796	0.46708	0.58068	0.52516	9.07E-03	1.63E-04	1.89E-04	3.76E-04	3.39E-04	1.0140E-02
607520.45	4201188.83	282601.6191	0.36667	0.41795	0.60204	0.54779	8.96E-03	1.46E-04	1.69E-04	3.90E-04	3.53E-04	1.0020E-02
607520.45	4201205.35	278707.2228	0.32976	0.37404	0.62088	0.5682	8.84E-03	1.32E-04	1.51E-04	4.02E-04	3.66E-04	9.8889E-03
607520.45	4201221.87	274425.3348	0.29694	0.33501	0.63746	0.58651	8.70E-03	1.19E-04	1.36E-04	4.13E-04	3.78E-04	9.7468E-03
607523.01	4201691.84	78911.02238	0.04313	0.0444	1.00933	0.93066	2.50E-03	1.72E-05	1.80E-05	6.54E-04	6.00E-04	3.7912E-03
607531.85	4202348.62	18965.61142	0.01419	0.01434	0.43667	0.41628	6.01E-04	5.67E-06	5.80E-06	2.83E-04	2.68E-04	1.1641E-03
607531.85	4202398.62	17370.00332	0.01329	0.01341	0.38549	0.36979	5.51E-04	5.31E-06	5.42E-06	2.50E-04	2.38E-04	1.0496E-03
607531.85	4202448.62	15982.62722	0.01248	0.01259	0.34038	0.32854	5.07E-04	4.98E-06	5.09E-06	2.20E-04	2.12E-04	9.4918E-04
607531.85	4202498.62	14836.21416	0.01184	0.01194	0.3042	0.29522	4.70E-04	4.73E-06	4.83E-06	1.97E-04	1.90E-04	8.6739E-04
607531.85	4202548.62	13784.84679	0.01123	0.01133	0.27017	0.26359	4.37E-04	4.48E-06	4.58E-06	1.75E-04	1.70E-04	7.9113E-04
607535.76	4201644.98	88869.10014	0.04965	0.05131	0.93067	0.86536	2.82E-03	1.98E-05	2.08E-05	6.03E-04	5.58E-04	4.0193E-03
607540.71	4201675.39	80767.32428	0.04596	0.04739	0.88984	0.82763	2.56E-03	1.84E-05	1.92E-05	5.76E-04	5.34E-04	3.7086E-03
607541.39	4201808.98	56734.22554	0.03357	0.03435	0.80291	0.75331	1.80E-03	1.34E-05	1.39E-05	5.20E-04	4.86E-04	2.8321E-03
607543.94	4201073.19	277775.2966	0.67309	0.7646	0.3396	0.29995	8.81E-03	2.69E-04	3.09E-04	2.20E-04	1.93E-04	9.7993E-03
607543.94	4201089.71	275085.7934	0.61434	0.69934	0.37052	0.32873	8.72E-03	2.45E-04	2.83E-04	2.40E-04	2.12E-04	9.7027E-03
607543.94	4201106.23	272464.8581	0.55925	0.63694	0.39954	0.35637	8.64E-03	2.23E-04	2.58E-04	2.59E-04	2.30E-04	9.6090E-03
607543.94	4201122.75	269809.1188	0.50827	0.57831	0.42625	0.3824	8.56E-03	2.03E-04	2.34E-04	2.76E-04	2.47E-04	9.5148E-03
607543.94	4201172.31	260931.741	0.38057	0.42965	0.49259	0.44952	8.27E-03	1.52E-04	1.74E-04	3.19E-04	2.90E-04	9.2084E-03
607546.5	4201792.51	58922.1873	0.03502	0.03586	0.79256	0.74321	1.87E-03	1.40E-05	1.45E-05	5.13E-04	4.79E-04	2.8894E-03
607553.31	4201751.62	64947.76045	0.0387	0.03972	0.785	0.73526	2.06E-03	1.55E-05	1.61E-05	5.08E-04	4.74E-04	3.0735E-03
607553.44	4201659.83	82852.30247	0.04862	0.0502	0.8176	0.76473	2.63E-03	1.94E-05	2.03E-05	5.29E-04	4.93E-04	3.6895E-03
607558.28	4201479.41	138610.9749	0.08617	0.09072	0.68349	0.65433	4.40E-03	3.44E-05	3.67E-05	4.43E-04	4.22E-04	5.3309E-03
607563.06	4201541.51	114637.7161	0.07007	0.0732	0.72709	0.69079	3.63E-03	2.80E-05	2.96E-05	4.71E-04	4.46E-04	4.6090E-03
607563.93	4201561.49	108123.6004	0.06587	0.06866	0.73819	0.69986	3.43E-03	2.63E-05	2.78E-05	4.78E-04	4.51E-04	4.4119E-03
607564.36	4201572.4	120632.1094	0.07468	0.07819	0.70263	0.66988	3.83E-03	2.98E-05	3.16E-05	4.55E-04	4.32E-04	4.7736E-03
607566.53	4201581.9	101400.0905	0.06207	0.06455	0.73937	0.69984	3.22E-03	2.48E-05	2.61E-05	4.79E-04	4.51E-04	4.1963E-03
607567.43	4201073.19	255892.8069	0.60098	0.67345	0.3009	0.26892	8.11E-03	2.40E-04	2.72E-04	1.95E-04	1.73E-04	8.9947E-03
607567.43	4201089.71	253168.8796	0.55221	0.6198	0.32552	0.2921	8.03E-03	2.20E-04	2.51E-04	2.11E-04	1.88E-04	8.8980E-03
607567.43	4201106.23	250536.2193	0.50643	0.56867	0.34878	0.31443	7.94E-03	2.02E-04	2.30E-04	2.26E-04	2.03E-04	8.8050E-03
607567.43	4201122.75	247889.9652	0.46389	0.52056	0.37041	0.33561	7.86E-03	1.85E-04	2.11E-04	2.40E-04	2.16E-04	8.7123E-03
607571.31	4201602.75	94498.94238	0.0584	0.06061	0.72424	0.68474	3.00E-03	2.33E-05	2.45E-05	4.69E-04	4.42E-04	3.9549E-03
607571.44	4201713.55	70062.09998	0.04318	0.04443	0.71677	0.67428	2.22E-03	1.72E-05	1.80E-05	4.64E-04	4.35E-04	3.1558E-03
607574.23	4201809.28	55416.00565	0.03488	0.03571	0.66869	0.63408	1.76E-03	1.39E-05	1.44E-05	4.33E-04	4.09E-04	2.6275E-03
607577.16	4201791.94	57666.49131	0.03636	0.03726	0.66812	0.63306	1.83E-03	1.45E-05	1.51E-05	4.33E-04	4.08E-04	2.6991E-03
607579.99	4201477.67	130925.7831	0.08792	0.09254	0.60168	0.57752	4.15E-03	3.51E-05	3.74E-05	3.90E-04	3.72E-04	4.9861E-03
607581.63	4201694.49	72532.09905	0.04571	0.0471	0.67825	0.6397	2.30E-03	1.83E-05	1.91E-05	4.39E-04	4.13E-04	3.1890E-03
607581.85	4202348.62	19103.68233	0.01461	0.01475	0.36314	0.34846	6.06E-04	5.83E-06	5.97E-06	2.35E-04	2.25E-04	1.0775E-03
607581.85	4202398.62	17536.03244	0.01366	0.01378	0.32522	0.31357	5.56E-04	5.45E-06	5.57E-06	2.11E-04	2.02E-04	9.7992E-04
607581.85	4202448.62	16191.34326	0.01284	0.01295	0.29135	0.2823	5.13E-04	5.13E-06	5.24E-06	1.89E-04	1.82E-04	8.9451E-04
607581.85	4202498.62	15038.87602	0.01214	0.01224	0.26168	0.25474	4.77E-04	4.85E-06	4.95E-06	1.69E-04	1.64E-04	8.2041E-04
607581.85	4202548.62	13998.13828	0.0115	0.0116	0.23392	0.22878	4.44E-04	4.59E-06	4.69E-06	1.51E-04	1.48E-04	7.5218E-04
607583.98	4201765.25	61147.32254	0.03892	0.03994	0.65778	0.62226	1.94E-03	1.55E-05	1.62E-05	4.26E-04	4.01E-04	2.7979E-03
607584.55	4201620.93	87675.15661	0.05599	0.05801	0.6709	0.63503	2.78E-03	2.24E-05	2.35E-05	4.34E-04	4.10E-04	3.6699E-03
607588.25	4201535.86	109732.0718	0.0728	0.07608	0.62055	0.59248	3.48E-03	2.91E-05	3.08E-05	4.02E-04	3.82E-04	4.3233E-03
607590.92	4201023.63	247788.7426	0.68027	0.74702	0.20654	0.18506	7.86E-03	2.72E-04	3.02E-04	1.34E-04	1.19E-04	8.6839E-03
607590.92	4201040.15	243405.3371	0.63248	0.69706	0.22768	0.20435	7.72E-03	2.53E-04	2.82E-04	1.47E-04	1.32E-04	8.5318E-03
607590.92	4201056.67	239880.3644	0.5867	0.6485	0.24883	0.22388	7.61E-03	2.34E-04	2.62E-04	1.61E-04	1.44E-04	8.4084E-03
607590.92	4201073.19	236848.9924	0.54305	0.60156	0.26959	0.24332	7.51E-03	2.17E-04	2.43E-04	1.75E-04	1.57E-04	8.3018E-03
607590.92	4201089.71	234082.7866	0.50174	0.55652	0.28963	0.26237	7.42E-03	2.00E-04	2.25E-04	1.88E-04	1.69E-04	8.2046E-03
607590.92	4201106.23	231430.1264	0.46294	0.5137	0.30867	0.28076	7.34E-03	1.85E-04	2.08E-04	2.00E-04	1.81E-04	8.1119E-03
607590.92	4201122.75	228784.7834	0.42678	0.47335	0.32651	0.29829	7.25E-03	1.70E-04	1.91E-04	2.11E-04	1.92E-04	8.0201E-03
607597.59	4201692.32	71415.71152	0.04671	0.04814	0.62107	0.58815	2.26E-03	1.87E-05	1.95E-05	4.02E-04	3.79E-04	3.0841E-03
607598.67	4201478.97	123975.593	0.08831	0.09287	0.54574	0.52473	3.93E-03	3.53E-05	3.76E-05	3.53E-04	3.38E-04	4.6957E-03
607600.11	4201587.7	93240.53655	0.06272	0.06518	0.60704	0.57822	2.96E-03	2.50E-05	2.64E-05	3.93E-04	3.73E-04	3.7740E-03
607607.03	4201729.35	65033.79586	0.04335	0.04458	0.59427	0.5644	2.06E-03	1.73E-05	1.80E-05	3.85E-04	3.64E-04	2.8463E-03
607607.79	4201535.43	105009.2402	0.0738	0.07708	0.55754	0.53371	3.33E-03	2.95E-05	3.12E-05	3.61E-04	3.44E-04	4.0956E-03
607610.72	4201606.08	86990.51779	0.05974	0.06198	0.57699	0.54977	2.76E-03	2.39E-05	2.51E-05	3.74E-04	3.55E-04	3.5355E-03
607614.41	4201023.63	231324.5311	0.61434	0.66899	0.19146	0.173	7.33E-03	2.45E-04	2.71E-04	1.24E-04	1.12E-04	8.0864E-03
607614.41	4201040.15	226825.8347	0.57282	0.62566	0.20905	0.18925	7.19E-03	2.29E-04	2.53E-04	1.35E-04	1.22E-04	7.9315E-03
607614.41	4201056.67	223215.7226	0.53321	0.5838	0.22657	0.20561	7.08E-03	2.13E-04	2.36E-04	1.47E-04	1.33E-04	7.8062E-03
607614.41	4201073.19	220120.9088	0.49558	0.54357	0.24375	0.22184	6.98E-03	1.98E-04	2.20E-04	1.58E-04	1.43E-04	7.6984E-03
607614.41	4201089.71	217310.9204	0.46001	0.50511	0.26035	0.23775	6.89E-03	1.84E-04	2.04E-04	1.69E-04	1.53E-04	7.6005E-03
607614.41	4201106.23	214637.8107	0.42657	0.46859	0.27621	0.25315	6.81E-03	1.70E-04	1.90E-04	1.79E-04	1.63E-04	7.5079E-03
607615.67	4201566.48	95518.12127	0.06754	0.07031	0.54952	0.52576	3.03E-03	2.70E-05	2.84E-05	3.56E-04	3.39E-04	3.7791E-03
607618.06	4201676.37	72143.62698	0.04953	0.05111	0.55898	0.53174	2.29E-03	1.98E-05	2.07E-05	3.62E-04	3.43E-04	3.0330E-03
607620.62	4201625.88	81243.91656	0.05679	0.05882	0.54991	0.52417	2.58E-03	2.27E-05	2.38E-05	3.56E-04	3.38E-04	3.3168E-03
607623.86	4201478.54	116166.9729	0.08914	0.09364	0.48182	0.46411	3.68E-03	3.56E-05	3.79E-05	3.12E-04	2.99E-04	4.3683E-03
607628.27	4201709.56	66314.73982	0.04634	0.04773	0.53706	0.51165	2.10E-03	1.85E-05	1.93E-05	3.48E-04	3.30E-04	2.8183E-03
607631.24	4201526.31	101802.4242	0.07672	0.08015	0.49112	0.47174	3.23E-03	3.06E-05	3.24E-05	3.18E-04	3.04E-04	3.9133E-03
607631.85	4202348.62	19136.47343	0.01504	0.0152	0.3072	0.29627	6.07E-04	6.01E-06	6.15E-06	1.99E-04	1.91E-04	1.0090E-03
607631.85	4202398.62	17589.92419	0.01403	0.01417	0.2774	0.26861	5.58E-04	5.60E-06	5.73E-06	1.80E-04	1.73E-04	9.2197E-04
607631.85	4202448.62	16332.49722	0.01322	0.01334	0.2521	0.24508	5.18E-04	5.28E-06	5.40E-06	1.63E-04	1.58E-04	8.4988E-04
607631.85	4202498.62	15194.04692	0.01247	0.01258	0.22784	0.2224	4.82E-04	4.98E-06	5.09E-06	1.48E-04	1.43E-04	7.8283E-04
607631.85	4202548.62	14168.74937	0.0118	0.0119	0.20493	0.20085	4.49E-04	4.71E-06	4.81E-06	1.33E-04	1.30E-04	7.2104E-04
607636.96	4201667.56	71724.76199	0.05147	0.05315	0.5105	0.48735	2.27E-03	2.06E-05	2.15E-05	3.31E-04	3.14E-04	2.9612E-03
607637.9	4201023.63	216815.5132	0.5602	0.60543	0.17813	0.16215	6.87E-03	2.24E-04	2.45E-04	1.15E-04	1.05E-04	7.5634E-03
607637.9	4201040.15	212206.9437	0.5237	0.5674	0.19297	0.176	6.73E-03	2.09E-04	2.30E-04	1.25E-04	1.14E-04	7.4059E-03
607637.9	4201056.67	208493.982	0.489	0.53089	0.20769	0.18988	6.61E-03	1.95E-04	2.15E-04	1.34E-04	1.22E-04	7.2780E-03
607637.9	4201073.19	205330.4091	0.45612	0.49593	0.22212	0.20363	6.51E-03	1.82E-04	2.01E-04	1.44E-04	1.31E-04	7.1686E-03
607637.9	4201089.71	202477.9929	0.42503	0.46259	0.2361	0.2171	6.42E-03	1.70E-04	1.87E-04	1.53E-04	1.40E-04	7.0700E-03
607637.9	4201106.23	199782.1654	0.3958	0.43097	0.24951	0.23017	6.33E-03	1.58E-04	1.74E-04	1.62E-04	1.48E-04	6.9772E-03
607638.19	4201499.38	106730.5393	0.08359	0.08755	0.46192	0.44486	3.38E-03	3.34E-05	3.54E-05	2.99E-04	2.87E-04	4.0391E-03
607646.08	4201557.29	91692.64895	0.07035	0.07325	0.47058	0.45187	2.91E-03	2.81E-05	2.96E-05	3.05E-04	2.91E-04	3.5613E-03
607647.58	4201700.87	65948.6596	0.04802	0.04949	0.4909	0.46965	2.09E-03	1.92E-05	2.00E-05	3.18E-04	3.03E-04	2.7511E-03
607655.79	4201662.74	70597.03202	0.05286	0.0546	0.46878	0.44882	2.24E-03	2.11E-05	2.21E-05	3.04E-04	2.89E-04	2.8748E-03
607661.39	4201023.63	204024.4923	0.51503	0.55279	0.16628	0.15237	6.47E-03	2.06E-04	2.24E-04	1.08E-04	9.83E-05	7.1045E-03
607661.39	4201040.15	199249.1019	0.48261	0.5191	0.17894	0.1643	6.32E-03	1.93E-04	2.10E-04	1.16E-04	1.06E-04	6.9424E-03
607661.39	4201056.67	195436.6171	0.45185	0.48688	0.19147	0.17621	6.20E-03	1.80E-04	1.97E-04	1.24E-04	1.14E-04	6.8120E-03
607661.39	4201073.19	192188.1607	0.42275	0.45612	0.20377	0.18799	6.09E-03	1.69E-04	1.85E-04	1.32E-04	1.21E-04	6.7005E-03
607661.39	4201089.71	189281.0212	0.39528	0.42686	0.21569	0.19955	6.00E-03	1.58E-04	1.73E-04	1.40E-04	1.29E-04	6.6007E-03
607661.39	4201106.23	186560.5441	0.36942	0.39912	0.22717	0.21079	5.92E-03	1.48E-04	1.61E-04	1.47E-04	1.36E-04	6.5076E-03
607664.96	4201692.67	65558.24097	0.04954	0.05108	0.45433	0.43576	2.08E-03	1.98E-05	2.07E-05	2.94E-04	2.81E-04	2.6945E-03
607665.17	4201577.8	84142.02088	0.06681	0.06941	0.43833	0.42143	2.67E-03	2.67E-05	2.81E-05	2.84E-04	2.72E-04	3.2784E-03
607665.17	4201609.62	78161.2291	0.06096	0.06317	0.44384	0.42607	2.48E-03	2.43E-05	2.56E-05	2.87E-04	2.75E-04	3.0905E-03
607672.95	4201521.22	93887.03949	0.07863	0.08205	0.4055	0.39103	2.98E-03	3.14E-05	3.32E-05	2.63E-04	2.52E-04	3.5564E-03
607675.07	4201495.76	98720.67752	0.08486	0.08874	0.39217	0.37866	3.13E-03	3.39E-05	3.59E-05	2.54E-04	2.44E-04	3.6982E-03
607675.1	4201657.91	69338.61047	0.05414	0.05592	0.4314	0.41412	2.20E-03	2.16E-05	2.26E-05	2.79E-04	2.67E-04	2.7893E-03

607681.85	4202348.62	19110.8576	0.01551	0.01568	0.26397	0.25567	6.06E-04	6.19E-06	6.34E-06	1.71E-04	1.65E-04	9.5435E-04
607681.85	4202398.62	17651.92189	0.01448	0.01463	0.24119	0.23434	5.60E-04	5.78E-06	5.92E-06	1.56E-04	1.51E-04	8.7875E-04
607681.85	4202448.62	16409.50589	0.01361	0.01374	0.22033	0.21481	5.20E-04	5.43E-06	5.56E-06	1.43E-04	1.39E-04	8.1254E-04
607681.85	4202498.62	15296.75853	0.01282	0.01294	0.20037	0.19603	4.85E-04	5.12E-06	5.23E-06	1.30E-04	1.26E-04	7.5158E-04
607681.85	4202548.62	14290.05317	0.01211	0.01222	0.18128	0.17798	4.53E-04	4.84E-06	4.94E-06	1.17E-04	1.15E-04	6.9508E-04
607682.14	4201602.55	77051.10869	0.06253	0.06481	0.41174	0.3961	2.44E-03	2.50E-05	2.62E-05	2.67E-04	2.55E-04	3.0165E-03
607684.88	4201023.63	192647.4417	0.47667	0.50845	0.15574	0.14356	6.11E-03	1.90E-04	2.06E-04	1.01E-04	9.26E-05	6.6980E-03
607684.88	4201040.15	187704.4996	0.4476	0.47835	0.16666	0.15391	5.95E-03	1.79E-04	1.93E-04	1.08E-04	9.93E-05	6.5312E-03
607684.88	4201056.67	183757.322	0.4201	0.44965	0.17745	0.16424	5.83E-03	1.68E-04	1.82E-04	1.15E-04	1.06E-04	6.3971E-03
607684.88	4201073.19	180435.7154	0.3941	0.42233	0.18803	0.17445	5.72E-03	1.57E-04	1.71E-04	1.22E-04	1.13E-04	6.2838E-03
607684.88	4201089.71	177482.0321	0.36956	0.39637	0.19833	0.18447	5.63E-03	1.48E-04	1.60E-04	1.28E-04	1.19E-04	6.1830E-03
607684.88	4201106.23	174737.6704	0.34646	0.37177	0.20827	0.19423	5.54E-03	1.38E-04	1.50E-04	1.35E-04	1.25E-04	6.0895E-03
607687.16	4201688.32	64122.78869	0.05062	0.0522	0.41342	0.39764	2.03E-03	2.02E-05	2.11E-05	2.68E-04	2.56E-04	2.5987E-03
607689.92	4201541.02	86836.43171	0.07446	0.0775	0.38444	0.37112	2.75E-03	2.97E-05	3.13E-05	2.49E-04	2.39E-04	3.3028E-03
607691.99	4201650.19	68663.0138	0.0556	0.05745	0.4018	0.38653	2.18E-03	2.22E-05	2.32E-05	2.60E-04	2.49E-04	2.7321E-03
607694.87	4201484.45	96643.33956	0.0877	0.0917	0.35837	0.34654	3.06E-03	3.50E-05	3.71E-05	2.32E-04	2.24E-04	3.5921E-03
607700.53	4201594.06	75920.22167	0.06424	0.06659	0.38076	0.36703	2.41E-03	2.57E-05	2.69E-05	2.47E-04	2.37E-04	2.9432E-03
607708.37	4201023.63	182321.3798	0.44363	0.47059	0.14633	0.1356	5.78E-03	1.77E-04	1.90E-04	9.48E-05	8.75E-05	6.3308E-03
607708.37	4201040.15	177255.7242	0.4174	0.4435	0.15583	0.14468	5.62E-03	1.67E-04	1.79E-04	1.01E-04	9.33E-05	6.1608E-03
607708.37	4201056.67	173226.8614	0.3926	0.41773	0.16521	0.15371	5.49E-03	1.57E-04	1.69E-04	1.07E-04	9.91E-05	6.0246E-03
607708.4	4201680.6	63163.52146	0.05203	0.05367	0.37998	0.36634	2.00E-03	2.08E-05	2.17E-05	2.46E-04	2.36E-04	2.5276E-03
607715.16	4201646.81	66713.71032	0.0565	0.05837	0.36694	0.35388	2.12E-03	2.26E-05	2.36E-05	2.38E-04	2.28E-04	2.6274E-03
607715.38	4201481.62	92840.77272	0.08816	0.09211	0.33082	0.32029	2.94E-03	3.52E-05	3.73E-05	2.14E-04	2.07E-04	3.4371E-03
607716.09	4201541.02	82343.1548	0.07448	0.07745	0.34788	0.33641	2.61E-03	2.97E-05	3.13E-05	2.25E-04	2.17E-04	3.1143E-03
607720.33	4201594.77	73178.39965	0.06426	0.06657	0.35278	0.34061	2.32E-03	2.57E-05	2.69E-05	2.28E-04	2.20E-04	2.8211E-03
607731.85	4202348.62	19010.92609	0.01595	0.01614	0.2295	0.22304	6.03E-04	6.37E-06	6.53E-06	1.49E-04	1.44E-04	9.0818E-04
607731.85	4202398.62	17646.21887	0.01492	0.01508	0.21168	0.20626	5.60E-04	5.96E-06	6.10E-06	1.37E-04	1.33E-04	8.4170E-04
607731.85	4202448.62	16425.66357	0.01399	0.01413	0.19428	0.18986	5.21E-04	5.59E-06	5.72E-06	1.26E-04	1.22E-04	7.8040E-04
607731.85	4202498.62	15331.29435	0.01316	0.01328	0.17752	0.17401	4.86E-04	5.25E-06	5.37E-06	1.15E-04	1.12E-04	7.2395E-04
607731.85	4202548.62	14356.74502	0.01242	0.01253	0.16164	0.15893	4.55E-04	4.96E-06	5.07E-06	1.05E-04	1.03E-04	6.7244E-04
607733.02	4201646.81	64899.11826	0.05671	0.05857	0.34346	0.33177	2.06E-03	2.26E-05	2.37E-05	2.22E-04	2.14E-04	2.5406E-03
607733.02	4201674.32	61672.07454	0.05316	0.05483	0.34631	0.33464	1.96E-03	2.12E-05	2.22E-05	2.24E-04	2.16E-04	2.4390E-03
607737.3	4201483.03	88278.01911	0.08741	0.09119	0.3065	0.29707	2.80E-03	3.49E-05	3.69E-05	1.98E-04	1.92E-04	3.2610E-03
607748.62	4201581.33	71457.38149	0.06653	0.06892	0.31648	0.30627	2.27E-03	2.66E-05	2.79E-05	2.05E-04	1.98E-04	2.7227E-03
607751.45	4201596.89	69055.64523	0.06395	0.06618	0.31556	0.30536	2.19E-03	2.55E-05	2.68E-05	2.04E-04	1.97E-04	2.6432E-03
607754.26	4201674.32	59785.28649	0.05333	0.05497	0.32126	0.311	1.90E-03	2.13E-05	2.22E-05	2.08E-04	2.01E-04	2.3479E-03
607754.74	4201641.98	63319.19836	0.0575	0.05936	0.31754	0.3074	2.01E-03	2.30E-05	2.40E-05	2.06E-04	1.98E-04	2.4587E-03
607756.4	4201533.95	77104.72469	0.07544	0.07836	0.2999	0.29061	2.44E-03	3.01E-05	3.17E-05	1.94E-04	1.87E-04	2.8883E-03
607756.4	4201557.99	73672.66415	0.0707	0.07332	0.30445	0.29491	2.34E-03	2.82E-05	2.97E-05	1.97E-04	1.90E-04	2.7813E-03
607759.93	4201485.86	83706.94129	0.08611	0.0897	0.28518	0.27661	2.65E-03	3.44E-05	3.63E-05	1.85E-04	1.78E-04	3.0880E-03
607825.82	4201172.31	114374.7024	0.20523	0.2144	0.15671	0.15023	3.63E-03	8.19E-05	8.67E-05	1.01E-04	9.69E-05	3.9937E-03
607825.82	4201188.83	112214.2233	0.19517	0.20388	0.16121	0.15478	3.56E-03	7.79E-05	8.25E-05	1.04E-04	9.98E-05	3.9228E-03
607825.82	4201205.35	110056.4202	0.1857	0.19395	0.16561	0.15926	3.49E-03	7.41E-05	7.85E-05	1.07E-04	1.03E-04	3.8523E-03
607825.82	4201221.87	107893.7567	0.17676	0.18457	0.16995	0.16366	3.42E-03	7.06E-05	7.47E-05	1.10E-04	1.06E-04	3.7820E-03
607825.82	4201238.39	105717.9716	0.16833	0.17572	0.17423	0.168	3.35E-03	6.72E-05	7.11E-05	1.13E-04	1.08E-04	3.7116E-03
607849.31	4201172.31	108399.1671	0.19737	0.20557	0.14763	0.14181	3.44E-03	7.88E-05	8.32E-05	9.56E-05	9.15E-05	3.7862E-03
607849.31	4201188.83	106338.2626	0.188	0.1958	0.1518	0.14602	3.37E-03	7.51E-05	7.92E-05	9.83E-05	9.42E-05	3.7186E-03
607849.31	4201205.35	104284.8629	0.17915	0.18656	0.15589	0.15015	3.31E-03	7.15E-05	7.55E-05	1.01E-04	9.68E-05	3.6515E-03
607849.31	4201221.87	102240.9274	0.1708	0.17783	0.15992	0.15423	3.24E-03	6.82E-05	7.19E-05	1.04E-04	9.95E-05	3.5851E-03
607849.31	4201238.39	100197.8969	0.16291	0.16958	0.16389	0.15824	3.18E-03	6.50E-05	6.86E-05	1.06E-04	1.02E-04	3.5190E-03
607872.8	4201172.31	102888.1775	0.19005	0.1974	0.1395	0.13425	3.26E-03	7.59E-05	7.99E-05	9.03E-05	8.66E-05	3.5951E-03
607872.8	4201188.83	100925.9594	0.1813	0.18831	0.14336	0.13815	3.20E-03	7.24E-05	7.62E-05	9.28E-05	8.91E-05	3.5307E-03
607872.8	4201205.35	98979.81894	0.17302	0.17969	0.14716	0.14198	3.14E-03	6.91E-05	7.27E-05	9.53E-05	9.16E-05	3.4671E-03
607872.8	4201221.87	97045.56969	0.16519	0.17154	0.1509	0.14576	3.08E-03	6.60E-05	6.94E-05	9.77E-05	9.40E-05	3.4042E-03
607872.8	4201238.39	95118.33266	0.15778	0.16382	0.15458	0.14948	3.02E-03	6.30E-05	6.63E-05	1.00E-04	9.64E-05	3.3418E-03
608186.19	4200733.55	111759.0653	0.26362	0.26706	0.03408	0.03283	3.54E-03	1.05E-04	1.08E-04	2.21E-05	2.12E-05	3.8002E-03
608186.19	4200741.15	110766.152	0.2604	0.26385	0.03479	0.03351	3.51E-03	1.04E-04	1.07E-04	2.25E-05	2.16E-05	3.7671E-03
608186.19	4200748.75	109335.7559	0.25719	0.26065	0.0355	0.03421	3.47E-03	1.03E-04	1.05E-04	2.30E-05	2.21E-05	3.7201E-03
608186.19	4200756.35	107615.1341	0.254	0.25746	0.03623	0.03491	3.41E-03	1.01E-04	1.04E-04	2.35E-05	2.25E-05	3.6639E-03
608186.19	4200763.95	105715.1178	0.25081	0.25428	0.03696	0.03562	3.35E-03	1.00E-04	1.03E-04	2.39E-05	2.30E-05	3.6020E-03
608186.19	4200771.55	103717.5192	0.24763	0.25111	0.0377	0.03634	3.29E-03	9.89E-05	1.02E-04	2.44E-05	2.34E-05	3.5370E-03
608186.19	4200779.15	101693.3756	0.24446	0.24794	0.03845	0.03706	3.22E-03	9.76E-05	1.00E-04	2.49E-05	2.39E-05	3.4712E-03
608186.19	4200786.75	99684.30089	0.24131	0.2448	0.0392	0.03779	3.16E-03	9.64E-05	9.90E-05	2.54E-05	2.44E-05	3.4060E-03
608186.19	4200794.35	97735.66805	0.23818	0.24167	0.03996	0.03853	3.10E-03	9.51E-05	9.78E-05	2.59E-05	2.48E-05	3.3426E-03
608186.19	4200801.95	95865.06863	0.23508	0.23856	0.04072	0.03928	3.04E-03	9.39E-05	9.65E-05	2.64E-05	2.53E-05	3.2818E-03
608186.19	4200809.55	94057.33373	0.23199	0.23547	0.0415	0.04003	2.98E-03	9.26E-05	9.53E-05	2.69E-05	2.58E-05	3.2230E-03
608186.19	4200817.15	92328.90918	0.22892	0.2324	0.04227	0.04079	2.93E-03	9.14E-05	9.40E-05	2.74E-05	2.63E-05	3.1667E-03
608186.19	4200824.75	90677.22793	0.22588	0.22936	0.04306	0.04155	2.88E-03	9.02E-05	9.28E-05	2.79E-05	2.68E-05	3.1129E-03
608186.19	4200832.35	89104.48576	0.22286	0.22633	0.04384	0.04232	2.83E-03	8.90E-05	9.16E-05	2.84E-05	2.73E-05	3.0616E-03
608186.19	4200839.95	87606.27468	0.21987	0.22333	0.04463	0.0431	2.78E-03	8.78E-05	9.03E-05	2.89E-05	2.78E-05	3.0127E-03
608186.19	4200847.55	86184.62455	0.21691	0.22036	0.04542	0.04387	2.73E-03	8.66E-05	8.91E-05	2.94E-05	2.83E-05	2.9662E-03
608186.19	4200855.15	84836.8288	0.21397	0.21741	0.04622	0.04465	2.69E-03	8.54E-05	8.79E-05	2.99E-05	2.88E-05	2.9222E-03
608186.19	4200862.75	83551.77548	0.21106	0.21449	0.04702	0.04544	2.65E-03	8.43E-05	8.68E-05	3.04E-05	2.93E-05	2.8801E-03
608186.19	4200870.35	82327.95163	0.20818	0.2116	0.04782	0.04623	2.61E-03	8.31E-05	8.56E-05	3.10E-05	2.98E-05	2.8400E-03
608193.06	4200733.55	105956.5668	0.25862	0.26198	0.03401	0.03278	3.36E-03	1.03E-04	1.06E-04	2.20E-05	2.11E-05	3.6121E-03
608193.06	4200741.15	105274.3038	0.25551	0.25888	0.03471	0.03345	3.34E-03	1.02E-04	1.05E-04	2.25E-05	2.16E-05	3.5889E-03
608193.06	4200748.75	104179.0156	0.2524	0.25578	0.03542	0.03414	3.30E-03	1.01E-04	1.03E-04	2.29E-05	2.20E-05	3.5526E-03
608193.06	4200756.35	102831.2489	0.2493	0.25269	0.03613	0.03483	3.26E-03	9.95E-05	1.02E-04	2.34E-05	2.25E-05	3.5082E-03
608193.06	4200763.95	101315.2992	0.24621	0.2496	0.03686	0.03553	3.21E-03	9.83E-05	1.01E-04	2.39E-05	2.29E-05	3.4586E-03
608193.06	4200771.55	99689.64399	0.24313	0.24653	0.03759	0.03624	3.16E-03	9.71E-05	9.97E-05	2.43E-05	2.34E-05	3.4055E-03
608193.06	4200779.15	97996.90772	0.24007	0.24347	0.03833	0.03696	3.11E-03	9.59E-05	9.85E-05	2.48E-05	2.38E-05	3.3503E-03
608193.06	4200786.75	96289.46234	0.23701	0.24041	0.03907	0.03768	3.05E-03	9.46E-05	9.72E-05	2.53E-05	2.43E-05	3.2947E-03
608193.06	4200794.35	94609.45213	0.23397	0.23738	0.03982	0.03841	3.00E-03	9.34E-05	9.60E-05	2.58E-05	2.48E-05	3.2399E-03
608193.06	4200801.95	92963.9349	0.23096	0.23436	0.04058	0.03915	2.95E-03	9.22E-05	9.48E-05	2.63E-05	2.52E-05	3.1863E-03
608193.06	4200809.55	91361.61274	0.22796	0.23136	0.04134	0.03989	2.90E-03	9.10E-05	9.36E-05	2.68E-05	2.57E-05	3.1340E-03
608193.06	4200817.15	89822.59853	0.22498	0.22838	0.0421	0.04064	2.85E-03	8.98E-05	9.24E-05	2.73E-05	2.62E-05	3.0838E-03
608193.06	4200824.75	88351.26369	0.22203	0.22543	0.04287	0.04139	2.80E-03	8.87E-05	9.12E-05	2.78E-05	2.67E-05	3.0358E-03
608193.06	4200832.35	86934.82857	0.2191	0.22249	0.04365	0.04215	2.76E-03	8.75E-05	9.00E-05	2.83E-05	2.72E-05	2.9895E-03
608193.06	4200839.95	85569.85918	0.21619	0.21958	0.04442	0.04291	2.71E-03	8.63E-05	8.88E-05	2.88E-05	2.77E-05	2.9449E-03
608193.06	4200847.55	84266.20046	0.21331	0.21669	0.04521	0.04368	2.67E-03	8.52E-05	8.77E-05	2.93E-05	2.82E-05	2.9022E-03
608193.06	4200855.15	83022.46384	0.21046	0.21382	0.04599	0.04445	2.63E-03	8.40E-05	8.65E-05	2.98E-05	2.87E-05	2.8615E-03
608193.06	4200862.75	81837.52549	0.20763	0.21098	0.04678	0.04522	2.59E-03	8.29E-05	8.53E-05	3.03E-05	2.92E-05	2.8227E-03
608193.06	4200870.35	80702.00506	0.20483	0.20817	0.04757	0.046	2.56E-03	8.18E-05	8.42E-05	3.08E-05	2.97E-05	2.7854E-03
608199.93	4200733.55	100931.963	0.25375	0.25703	0.03394	0.03273	3.20E-03	1.01E-04	1.04E-04	2.20E-05	2.11E-05	3.4488E-03
608199.93	4200741.15	100458.7215	0.25074	0.25403	0.03464	0.0334	3.19E-03	1.00E-04	1.03E-04	2.24E-05	2.15E-05	3.4322E-03
608199.93	4200748.75	99617.925	0.24773	0.25103	0.03533	0.03407	3.16E-03	9.89E-05	1.02E-04	2.29E-05	2.20E-05	3.4040E-03
608199.93	4200756.35	98555.34434	0.24473	0.24804	0.03604	0.03476	3.13E-03	9.77E-05	1.00E-04	2.33E-05	2.24E-05	3.3689E-03
608199.93	4200763.95	97335.39379	0.24174	0.24505	0.03676	0.03545	3.09E-03	9.65E-05	9.91E-05	2.38E-05	2.29E-05	3.3287E-03
608199.93	4200771.55	95994.1309	0.23875	0.24207	0.03748	0.03615	3.04E-03	9.53E-05	9.79E-05	2.43E-05	2.33E-05	3.2847E-03
608199.93	4200779.15	94572.90347	0.23578	0.2391	0.03821	0.03685	3.00E-03	9.41E-05	9.67E-05	2.47E-05	2.38E-05	3.2381E-03
608199.93	4200786.75	93122.86771	0.23282	0.23614	0.03894	0.03757	2.95E-03	9.30E-05	9.55E-05	2.52E-05	2.42E-05	3.1907E-03
608199.93	4200794.35	91668.38169	0.22987	0.2332	0.03968	0.03829	2.91E-03	9.18E-05	9.43E-05	2.57E-05	2.47E-05	3.1432E-03
608199.93	4200801.95	90227.9348	0.22694	0.23027	0.04042	0.03902	2.86E-03	9.06E-05	9.31E-05	2.62E-05	2.52E-05	3.0961E-03
608199.93	4200809.55	88811.39003	0.22402	0.22735	0.04117	0.03975	2.82E-03	8.95E-05	9.20E-05	2.67E-05	2.56E-05	3.0498E-03
608199.93	4200817.15	87438.67972	0.22113	0.22446	0.04193	0.04049	2.77E-03	8.83E-05	9.08E-05	2.72E-05	2.61E-05	3.0049E-03
608199.93	4200824.75	86114.25375	0.21827	0.22159	0.04269	0.04123	2.73E-03	8.72E-05	8.96E-05	2.76E-05	2.66E-05	2.9616E-03
608199.93	4200832.35	84841.59064	0.21543	0.21874	0.04345	0.04198	2.69E-03	8.60E-05	8.85E-05	2.81E-05	2.71E-05	2.9199E-03
608199.93	4200839.95	83603.48968	0.2126	0.21591	0.04422	0.04273	2.65E-03	8.49E-05	8.73E-05	2.86E-05	2.76E-05	2.8794E-03
608199.93	4200847.55	82412.25504	0.2098	0.2131	0.04499	0.04348	2.61E-03	8.38E-05	8.62E-05	2.91E-05	2.80E-05	2.8403E-03
608199.93	4200855.15	81267.18234	0.20703	0.21031	0.04576	0.04424	2.58E-03	8.27E-05	8.51E-05	2.96E-05	2.85E-05	2.8028E-03
608199.93	4200862.75	80170.39551	0.20428	0.20755	0.04654	0.045	2.54E-03	8.16E-05	8.40E-05	3.01E-05	2.90E-05	2.7668E-03
608199.93	4200870.35	79118.84715	0.20155	0.20482	0.04732	0.04577	2.51E-03	8.05E-05	8.29E-05	3.06E-05	2.95E-05	2.7322E-03
608206.8	4200733.55	96529.89102	0.24901	0.25222	0.03388	0.03267	3.06E-03	9.94E-05	1.02E-04	2.19E-05	2.11E-05	3.3053E-03
608206.8	4200741.15	96203.6821	0.2461	0.24932	0.03456	0.03333	3.05E-03	9.83E-05	1.01E-04	2.24E-05	2.15E-05	3.2935E-03
608206.8	4200748.75	95561.49958	0.24318	0.24641	0.03525	0.034	3.03E-03	9.71E-05	9.97E-05	2.28E-05	2.19E-05	3.2716E-03
608206.8	4200756.35	94704.21069	0.24027	0.24351	0.03595	0.03468	3.00E-03	9.59E-05	9.85E-05	2.33E-05	2.24E-05	3.2430E-03
608206.8	4200763.95	93704.83585	0.23737	0.24061	0.03665	0.03536	2.97E-03	9.48E-05	9.73E-05	2.37E-05	2.28E-05	3.2099E-03
608206.8	4200771.55	92596.252	0.23448	0.23773	0.03737	0.03606	2.94E-03	9.36E-05	9.62E-05	2.42E-05	2.33E-05	3.1733E-03
608206.8	4200779.15	91402.20475	0.2316	0.23485	0.03808	0.03676	2.90E-03	9.25E-05	9.50E-05	2.47E-05	2.37E-05	3.1341E-03
608206.8	4200786.75	90162.88087	0.22872	0.23197	0.03881	0.03746	2.86E-03	9.13E-05	9.38E-05	2.51E-05	2.42E-05	3.0934E-03
608206.8	4200794.35	88905.46336	0.22586	0.22912	0.03954	0.03817	2.82E-03	9.02E-05	9.27E-05	2.56E-05	2.46E-05	3.0521E-03
608206.8	4200801.95	87646.75224	0.22302	0.22627	0.04027	0.03889	2.78E-03	8.91E-05	9.15E-05	2.61E-05	2.51E-05	3.0109E-03
608206.8	4200809.55	86399.99286	0.22019	0.22344	0.04101	0.03961	2.74E-03	8.79E-05	9.04E-05	2.66E-05	2.55E-05	2.9700E-03
608206.8	4200817.15	85175.1093	0.21738	0.22063	0.04176	0.04034	2.70E-03	8.68E-05	8.92E-05	2.70E-05	2.60E-05	2.9299E-03
608206.8	4200824.75	83978.26278	0.21459	0.21784	0.04251	0.04107	2.66E-03	8.57E-05	8.81E-05	2.75E-05	2.65E-05	2.8906E-03
608206.8	4200832.35	82826.18306	0.21183	0.21507	0.04326	0.0418	2.63E-03	8.46E-05	8.70E-05	2.80E-05	2.70E-05	2.8528E-03
608206.8	4200839.95	81708.81187	0.20909	0.21232	0.04401	0.04254	2.59E-03	8.35E-05	8.59E-05	2.85E-05	2.74E-05	2.8162E-03
608206.8	4200847.55	80622.18623	0.20637	0.20959	0.04477	0.04329	2.56E-03	8.24E-05	8.48E-05	2.90E-05	2.79E-05	2.7805E-03
608206.8	4200855.15	79569.19299	0.20367	0.20688	0.04554	0.04404	2.52E-03	8.13E-05	8.37E-05	2.95E-05	2.84E-05	2.7459E-03
608206.8	4200862.75	78554.65283	0.201	0.2042	0.0463	0.04479	2.49E-03	8.03E-05	8.26E-05	3.00E-05	2.89E-05	2.7126E-03
608206.8	4200870.35	77579.52138	0.19835	0.20154	0.04707	0.04554	2.46E-03	7.92E-05	8.15E-05	3.05E-05	2.94E-05	2.6805E-03
608213.67	4200733.55	92638.27866	0.2444	0.24754	0.03381	0.03261	2.94E-03	9.76E-05	1.00E-04	2.19E-05	2.10E-05	3.1781E-03
608213.67	4200741.15	92417.57145	0.24158	0.24473	0.03448	0.03327	2.93E-03	9.65E-05	9.90E-05	2.23E-05	2.15E-05	3.1697E-03
608213.67	4200748.75	91914.11623	0.23875	0.24191	0.03516	0.03393	2.91E-03	9.53E-05	9.79E-05	2.28E-05	2.19E-05	3.1523E-03
608213.67	4200756.35	91219.92138	0.23593	0.23909	0.03585	0.0346	2.89E-03	9.42E-05	9.67E-05	2.32E-05	2.23E-05	3.1289E-03
608213.67	4200763.95	90389.71892	0.23312	0.23629	0.03655	0.03528	2.87E-03	9.31E-05	9.56E-05	2.37E-05	2.28E-05	3.1012E-03
608213.67	4200771.55	89463.81888	0.23032	0.23349	0.03725	0.03596	2.84E-03	9.20E-05	9.44E-05	2.41E-05	2.32E-05	3.0705E-03
608213.67	4200779.15	88456.60944	0.22752	0.23069	0.03796	0.03665	2.80E-03	9.08E-05	9.33E-05	2.46E-05	2.36E-05	3.0372E-03
608213.67	4200786.75	87397.69597	0.22473	0.22791	0.03868	0.03735	2.77E-03	8.97E-05	9.22E-05	2.50E-05	2.41E-05	3.0023E-03
608213.67	4200794.35	86311.38605	0.22196	0.22514	0.0394	0.03805	2.74E-03	8.86E-05	9.11E-05	2.55E-05	2.45E-05	2.9666E-03
608213.67	4200801.95	85209.73471	0.2192	0.22237	0.04012	0.03876	2.70E-03	8.75E-05	9.00E-05	2.60E-05	2.50E-05	2.9303E-03
608213.67	4200809.55	84108.80096	0.21645	0.21963	0.04085	0.03947	2.67E-03	8.64E-05	8.88E-05	2.65E-05	2.55E-05	2.8941E-03
608213.67	4200817.15	83018.09029	0.21372	0.2169	0.04159	0.04019	2.63E-03	8.53E-05	8.77E-05	2.69E-05	2.59E-05	2.8583E-03
608213.67	4200824.75	81944.5248	0.21101	0.21418	0.04232	0.04091	2.60E-03	8.43E-05	8.66E-05	2.74E-05	2.64E-05	2.8230E-03
608213.67	4200832.35	80895.71924	0.20832	0.21149	0.04307	0.04164	2.57E-03	8.32E-05	8.56E-05	2.79E-05	2.69E-05	2.7886E-03
608213.67	4200839.95	79883.07034	0.20566	0.20882	0.04381	0.04237	2.53E-03	8.21E-05	8.45E-05	2.84E-05	2.73E-05	2.7553E-03

608213.67	4200847.55	78894.62198	0.20302	0.20616	0.04456	0.0431	2.50E-03	8.11E-05	8.34E-05	2.89E-05	2.78E-05	2.7227E-03
608213.67	4200855.15	77926.89193	0.20039	0.20353	0.04531	0.04384	2.47E-03	8.00E-05	8.23E-05	2.93E-05	2.83E-05	2.6909E-03
608213.67	4200862.75	76990.14052	0.19779	0.20092	0.04606	0.04458	2.44E-03	7.90E-05	8.13E-05	2.98E-05	2.88E-05	2.6601E-03
608213.67	4200870.35	76083.83103	0.19521	0.19833	0.04682	0.04532	2.41E-03	7.79E-05	8.02E-05	3.03E-05	2.92E-05	2.6302E-03
608220.54	4200733.55	89162.45266	0.23991	0.24297	0.03373	0.03256	2.83E-03	9.58E-05	9.83E-05	2.18E-05	2.10E-05	3.0641E-03
608220.54	4200741.15	89013.93429	0.23718	0.24025	0.0344	0.0332	2.82E-03	9.47E-05	9.72E-05	2.23E-05	2.14E-05	3.0581E-03
608220.54	4200748.75	88624.64818	0.23444	0.23752	0.03508	0.03386	2.81E-03	9.36E-05	9.61E-05	2.27E-05	2.18E-05	3.0444E-03
608220.54	4200756.35	88057.2477	0.2317	0.23479	0.03576	0.03452	2.79E-03	9.25E-05	9.50E-05	2.32E-05	2.23E-05	3.0251E-03
608220.54	4200763.95	87361.67552	0.22897	0.23207	0.03645	0.03519	2.77E-03	9.14E-05	9.39E-05	2.36E-05	2.27E-05	3.0017E-03
608220.54	4200771.55	86575.7011	0.22625	0.22935	0.03714	0.03586	2.75E-03	9.03E-05	9.28E-05	2.41E-05	2.31E-05	2.9755E-03
608220.54	4200779.15	85714.97076	0.22354	0.22664	0.03784	0.03655	2.72E-03	8.93E-05	9.17E-05	2.45E-05	2.36E-05	2.9469E-03
608220.54	4200786.75	84807.55874	0.22083	0.22394	0.03854	0.03723	2.69E-03	8.82E-05	9.06E-05	2.50E-05	2.40E-05	2.9169E-03
608220.54	4200794.35	83873.06017	0.21814	0.22125	0.03926	0.03793	2.66E-03	8.71E-05	8.95E-05	2.54E-05	2.45E-05	2.8860E-03
608220.54	4200801.95	82909.993	0.21546	0.21857	0.03997	0.03863	2.63E-03	8.60E-05	8.84E-05	2.59E-05	2.49E-05	2.8542E-03
608220.54	4200809.55	81936.35822	0.2128	0.2159	0.04069	0.03933	2.60E-03	8.50E-05	8.73E-05	2.64E-05	2.54E-05	2.8221E-03
608220.54	4200817.15	80964.21719	0.21015	0.21325	0.04141	0.04004	2.57E-03	8.39E-05	8.63E-05	2.68E-05	2.58E-05	2.7901E-03
608220.54	4200824.75	80000.63817	0.20751	0.21061	0.04214	0.04075	2.54E-03	8.29E-05	8.52E-05	2.73E-05	2.63E-05	2.7583E-03
608220.54	4200832.35	79048.70098	0.2049	0.20799	0.04287	0.04147	2.51E-03	8.18E-05	8.41E-05	2.78E-05	2.67E-05	2.7270E-03
608220.54	4200839.95	78129.91821	0.20231	0.20539	0.04361	0.04219	2.48E-03	8.08E-05	8.31E-05	2.82E-05	2.72E-05	2.6967E-03
608220.54	4200847.55	77227.01365	0.19974	0.20281	0.04435	0.04291	2.45E-03	7.98E-05	8.20E-05	2.87E-05	2.77E-05	2.6669E-03
608220.54	4200855.15	76340.03198	0.19718	0.20025	0.04509	0.04364	2.42E-03	7.87E-05	8.10E-05	2.92E-05	2.81E-05	2.6377E-03
608220.54	4200862.75	75475.08913	0.19465	0.19771	0.04583	0.04437	2.39E-03	7.77E-05	8.00E-05	2.97E-05	2.86E-05	2.6092E-03
608220.54	4200870.35	74634.79925	0.19214	0.19519	0.04657	0.0451	2.37E-03	7.67E-05	7.90E-05	3.02E-05	2.91E-05	2.5815E-03
608227.41	4200733.55	86026.15981	0.23553	0.23853	0.03367	0.0325	2.73E-03	9.40E-05	9.65E-05	2.18E-05	2.10E-05	2.9611E-03
608227.41	4200741.15	85930.68958	0.23289	0.23589	0.03432	0.03314	2.72E-03	9.30E-05	9.54E-05	2.22E-05	2.14E-05	2.9567E-03
608227.41	4200748.75	85633.31648	0.23024	0.23325	0.03499	0.03379	2.72E-03	9.19E-05	9.44E-05	2.27E-05	2.18E-05	2.9460E-03
608227.41	4200756.35	85173.25771	0.22758	0.23061	0.03566	0.03444	2.70E-03	9.09E-05	9.33E-05	2.31E-05	2.22E-05	2.9302E-03
608227.41	4200763.95	84589.3499	0.22493	0.22796	0.03634	0.0351	2.68E-03	8.98E-05	9.22E-05	2.35E-05	2.26E-05	2.9104E-03
608227.41	4200771.55	83917.21421	0.22229	0.22532	0.03703	0.03577	2.66E-03	8.88E-05	9.11E-05	2.40E-05	2.31E-05	2.8878E-03
608227.41	4200779.15	83173.74353	0.21965	0.22269	0.03772	0.03644	2.64E-03	8.77E-05	9.01E-05	2.44E-05	2.35E-05	2.8630E-03
608227.41	4200786.75	82389.87764	0.21703	0.22007	0.03841	0.03712	2.61E-03	8.67E-05	8.90E-05	2.49E-05	2.39E-05	2.8370E-03
608227.41	4200794.35	81575.423	0.21442	0.21746	0.03911	0.0378	2.59E-03	8.56E-05	8.80E-05	2.53E-05	2.44E-05	2.8099E-03
608227.41	4200801.95	80736.97037	0.21182	0.21486	0.03982	0.03849	2.56E-03	8.46E-05	8.69E-05	2.58E-05	2.48E-05	2.7821E-03
608227.41	4200809.55	79876.98205	0.20923	0.21227	0.04053	0.03919	2.53E-03	8.35E-05	8.59E-05	2.62E-05	2.53E-05	2.7537E-03
608227.41	4200817.15	79009.31478	0.20665	0.20969	0.04124	0.03989	2.51E-03	8.25E-05	8.48E-05	2.67E-05	2.57E-05	2.7250E-03
608227.41	4200824.75	78143.71981	0.20409	0.20712	0.04196	0.04059	2.48E-03	8.15E-05	8.38E-05	2.72E-05	2.62E-05	2.6964E-03
608227.41	4200832.35	77285.21606	0.20155	0.20457	0.04268	0.0413	2.45E-03	8.05E-05	8.28E-05	2.76E-05	2.66E-05	2.6681E-03
608227.41	4200839.95	76443.81236	0.19903	0.20205	0.04341	0.04201	2.42E-03	7.95E-05	8.17E-05	2.81E-05	2.71E-05	2.6403E-03
608227.41	4200847.55	75618.24801	0.19653	0.19954	0.04413	0.04272	2.40E-03	7.85E-05	8.07E-05	2.86E-05	2.76E-05	2.6131E-03
608227.41	4200855.15	74807.02142	0.19405	0.19705	0.04486	0.04344	2.37E-03	7.75E-05	7.97E-05	2.91E-05	2.80E-05	2.5863E-03
608227.41	4200862.75	74008.91949	0.19159	0.19457	0.04559	0.04416	2.35E-03	7.65E-05	7.87E-05	2.95E-05	2.85E-05	2.5599E-03
608227.41	4200870.35	73229.66258	0.18914	0.19212	0.04633	0.04488	2.32E-03	7.55E-05	7.77E-05	3.00E-05	2.89E-05	2.5342E-03
608234.28	4200741.15	83121.99098	0.2287	0.23164	0.03425	0.03307	2.64E-03	9.13E-05	9.37E-05	2.22E-05	2.13E-05	2.8642E-03
608234.28	4200748.75	82893.07732	0.22613	0.22908	0.03491	0.03371	2.63E-03	9.03E-05	9.27E-05	2.26E-05	2.17E-05	2.8557E-03
608234.28	4200756.35	82518.7857	0.22356	0.22652	0.03557	0.03436	2.62E-03	8.93E-05	9.16E-05	2.30E-05	2.22E-05	2.8426E-03
608234.28	4200763.95	82034.84545	0.221	0.22396	0.03624	0.03501	2.60E-03	8.82E-05	9.06E-05	2.35E-05	2.26E-05	2.8261E-03
608234.28	4200771.55	81462.48944	0.21843	0.2214	0.03692	0.03567	2.58E-03	8.72E-05	8.96E-05	2.39E-05	2.30E-05	2.8067E-03
608234.28	4200779.15	80824.83498	0.21587	0.21884	0.0376	0.03633	2.56E-03	8.62E-05	8.85E-05	2.43E-05	2.34E-05	2.7853E-03
608234.28	4200786.75	80138.32774	0.21332	0.21629	0.03828	0.037	2.54E-03	8.52E-05	8.75E-05	2.48E-05	2.39E-05	2.7624E-03
608234.28	4200794.35	79417.93319	0.21078	0.21375	0.03898	0.03768	2.52E-03	8.42E-05	8.65E-05	2.52E-05	2.43E-05	2.7384E-03
608234.28	4200801.95	78686.05028	0.20826	0.21123	0.03967	0.03836	2.50E-03	8.32E-05	8.54E-05	2.57E-05	2.47E-05	2.7140E-03
608234.28	4200809.55	77924.82199	0.20575	0.20872	0.04037	0.03905	2.47E-03	8.22E-05	8.44E-05	2.61E-05	2.52E-05	2.6888E-03
608234.28	4200817.15	77151.18761	0.20324	0.20621	0.04108	0.03974	2.45E-03	8.12E-05	8.34E-05	2.66E-05	2.56E-05	2.6631E-03
608234.28	4200824.75	76370.38959	0.20075	0.20371	0.04178	0.04043	2.42E-03	8.02E-05	8.24E-05	2.71E-05	2.61E-05	2.6373E-03
608234.28	4200832.35	75593.62651	0.19828	0.20124	0.04249	0.04113	2.40E-03	7.92E-05	8.14E-05	2.75E-05	2.65E-05	2.6116E-03
608234.28	4200839.95	74822.80208	0.19583	0.19877	0.04321	0.04183	2.37E-03	7.82E-05	8.04E-05	2.80E-05	2.70E-05	2.5861E-03
608234.28	4200847.55	74066.36741	0.19339	0.19633	0.04392	0.04253	2.35E-03	7.72E-05	7.94E-05	2.84E-05	2.74E-05	2.5610E-03
608234.28	4200855.15	73324.10159	0.19098	0.19391	0.04464	0.04324	2.32E-03	7.63E-05	7.84E-05	2.89E-05	2.79E-05	2.5365E-03
608234.28	4200862.75	72590.25011	0.18858	0.1915	0.04536	0.04395	2.30E-03	7.53E-05	7.75E-05	2.94E-05	2.83E-05	2.5122E-03
608234.28	4200870.35	71869.36384	0.18621	0.18912	0.04608	0.04466	2.28E-03	7.44E-05	7.65E-05	2.98E-05	2.88E-05	2.4884E-03
608240.38	4200722.19	80603.87685	0.2313	0.23416	0.03258	0.03146	2.56E-03	9.24E-05	9.47E-05	2.11E-05	2.03E-05	2.7843E-03
608240.73	4200729.53	80699.30636	0.22868	0.23155	0.03319	0.03205	2.56E-03	9.13E-05	9.37E-05	2.15E-05	2.07E-05	2.7860E-03
608241.15	4200741.15	80560.20578	0.22462	0.2275	0.03417	0.033	2.55E-03	8.97E-05	9.20E-05	2.21E-05	2.13E-05	2.7796E-03
608241.15	4200748.75	80375.55883	0.22213	0.22501	0.03482	0.03364	2.55E-03	8.87E-05	9.10E-05	2.25E-05	2.17E-05	2.7725E-03
608241.15	4200756.35	80070.19638	0.21964	0.22253	0.03547	0.03427	2.54E-03	8.77E-05	9.00E-05	2.30E-05	2.21E-05	2.7617E-03
608241.15	4200763.95	79670.48242	0.21715	0.22005	0.03614	0.03492	2.53E-03	8.67E-05	8.90E-05	2.34E-05	2.25E-05	2.7479E-03
608241.15	4200771.55	79185.98984	0.21467	0.21757	0.0368	0.03557	2.51E-03	8.57E-05	8.80E-05	2.38E-05	2.29E-05	2.7314E-03
608241.15	4200779.15	78633.97299	0.21218	0.21509	0.03748	0.03623	2.49E-03	8.47E-05	8.70E-05	2.43E-05	2.34E-05	2.7127E-03
608241.15	4200786.75	78032.1724	0.20971	0.21261	0.03816	0.03689	2.47E-03	8.37E-05	8.60E-05	2.47E-05	2.38E-05	2.6925E-03
608241.15	4200794.35	77398.97744	0.20724	0.21014	0.03884	0.03756	2.45E-03	8.28E-05	8.50E-05	2.52E-05	2.42E-05	2.6713E-03
608241.15	4200801.95	76749.28477	0.20479	0.20769	0.03952	0.03823	2.43E-03	8.18E-05	8.40E-05	2.56E-05	2.47E-05	2.6496E-03
608241.15	4200809.55	76073.60921	0.20235	0.20525	0.04021	0.03891	2.41E-03	8.08E-05	8.30E-05	2.60E-05	2.51E-05	2.6271E-03
608241.15	4200817.15	75380.63245	0.19991	0.20281	0.04091	0.03959	2.39E-03	7.98E-05	8.20E-05	2.65E-05	2.55E-05	2.6041E-03
608241.15	4200824.75	74678.83328	0.19749	0.20039	0.0416	0.04027	2.37E-03	7.89E-05	8.11E-05	2.69E-05	2.60E-05	2.5808E-03
608241.15	4200832.35	73975.032	0.19509	0.19798	0.0423	0.04096	2.35E-03	7.79E-05	8.01E-05	2.74E-05	2.64E-05	2.5574E-03
608241.15	4200839.95	73271.34004	0.1927	0.19558	0.04301	0.04165	2.32E-03	7.69E-05	7.91E-05	2.79E-05	2.69E-05	2.5341E-03
608241.15	4200847.55	72575.73235	0.19033	0.1932	0.04371	0.04234	2.30E-03	7.60E-05	7.82E-05	2.83E-05	2.73E-05	2.5110E-03
608241.15	4200855.15	71889.10315	0.18798	0.19084	0.04442	0.04304	2.28E-03	7.51E-05	7.72E-05	2.88E-05	2.78E-05	2.4883E-03
608241.15	4200862.75	71215.68103	0.18565	0.1885	0.04513	0.04374	2.26E-03	7.41E-05	7.63E-05	2.92E-05	2.82E-05	2.4660E-03
608241.15	4200870.35	70548.55577	0.18334	0.18618	0.04584	0.04444	2.24E-03	7.32E-05	7.53E-05	2.97E-05	2.87E-05	2.4439E-03
608248.02	4200741.15	78214.06233	0.22065	0.22346	0.03409	0.03293	2.48E-03	8.81E-05	9.04E-05	2.21E-05	2.12E-05	2.7019E-03
608248.02	4200748.75	78063.97645	0.21823	0.22105	0.03473	0.03356	2.48E-03	8.71E-05	8.94E-05	2.25E-05	2.16E-05	2.6960E-03
608248.02	4200756.35	77814.15353	0.21582	0.21864	0.03538	0.03419	2.47E-03	8.62E-05	8.84E-05	2.29E-05	2.21E-05	2.6869E-03
608248.02	4200763.95	77478.06936	0.21341	0.21624	0.03603	0.03483	2.46E-03	8.52E-05	8.75E-05	2.33E-05	2.25E-05	2.6752E-03
608248.02	4200771.55	77063.68932	0.21099	0.21383	0.03669	0.03547	2.44E-03	8.42E-05	8.65E-05	2.38E-05	2.29E-05	2.6610E-03
608248.02	4200779.15	76583.97593	0.20858	0.21142	0.03736	0.03612	2.43E-03	8.33E-05	8.55E-05	2.42E-05	2.33E-05	2.6447E-03
608248.02	4200786.75	76056.09245	0.20618	0.20902	0.03803	0.03678	2.41E-03	8.23E-05	8.46E-05	2.46E-05	2.37E-05	2.6268E-03
608248.02	4200794.35	75497.33769	0.20378	0.20662	0.0387	0.03743	2.39E-03	8.14E-05	8.36E-05	2.51E-05	2.41E-05	2.6081E-03
608248.02	4200801.95	74914.864	0.20139	0.20423	0.03938	0.0381	2.38E-03	8.04E-05	8.26E-05	2.55E-05	2.46E-05	2.5885E-03
608248.02	4200809.55	74313.54242	0.19902	0.20186	0.04006	0.03877	2.36E-03	7.95E-05	8.17E-05	2.59E-05	2.50E-05	2.5684E-03
608248.02	4200817.15	73693.31097	0.19666	0.19949	0.04074	0.03944	2.34E-03	7.85E-05	8.07E-05	2.64E-05	2.54E-05	2.5477E-03
608248.02	4200824.75	73061.45304	0.1943	0.19714	0.04143	0.04011	2.32E-03	7.76E-05	7.97E-05	2.68E-05	2.59E-05	2.5267E-03
608248.02	4200832.35	72422.87806	0.19196	0.19479	0.04212	0.04079	2.30E-03	7.66E-05	7.88E-05	2.73E-05	2.63E-05	2.5054E-03
608248.02	4200839.95	71782.7679	0.18964	0.19246	0.04282	0.04147	2.28E-03	7.57E-05	7.79E-05	2.77E-05	2.67E-05	2.4842E-03
608248.02	4200847.55	71142.57717	0.18733	0.19014	0.04351	0.04216	2.26E-03	7.48E-05	7.69E-05	2.82E-05	2.72E-05	2.4629E-03
608248.02	4200855.15	70509.28278	0.18504	0.18784	0.04421	0.04284	2.24E-03	7.39E-05	7.60E-05	2.86E-05	2.76E-05	2.4419E-03
608248.02	4200862.75	69884.56999	0.18277	0.18556	0.04491	0.04353	2.22E-03	7.30E-05	7.51E-05	2.91E-05	2.81E-05	2.4211E-03
608248.02	4200870.35	69268.06398	0.18052	0.1833	0.0456	0.04422	2.20E-03	7.21E-05	7.41E-05	2.95E-05	2.85E-05	2.4007E-03
608248.07	4200730.93	78185.76283	0.22387	0.22667	0.03323	0.0321	2.48E-03	8.94E-05	9.17E-05	2.15E-05	2.07E-05	2.7025E-03
608248.42	4200723.59	77890.02138	0.22599	0.22877	0.03262	0.03151	2.47E-03	9.02E-05	9.25E-05	2.11E-05	2.03E-05	2.6940E-03
608254.89	4200741.15	76051.99274	0.21678	0.21953	0.034	0.03287	2.41E-03	8.66E-05	8.88E-05	2.20E-05	2.12E-05	2.6301E-03
608254.89	4200748.75	75934.16395	0.21443	0.21719	0.03464	0.03349	2.41E-03	8.56E-05	8.79E-05	2.24E-05	2.16E-05	2.6253E-03
608254.89	4200756.35	75724.58684	0.21209	0.21485	0.03528	0.03411	2.40E-03	8.47E-05	8.69E-05	2.28E-05	2.20E-05	2.6176E-03
608254.89	4200763.95	75436.55937	0.20975	0.21252	0.03593	0.03474	2.39E-03	8.38E-05	8.60E-05	2.33E-05	2.24E-05	2.6074E-03
608254.89	4200771.55	75080.61973	0.20741	0.21018	0.03658	0.03538	2.38E-03	8.28E-05	8.50E-05	2.37E-05	2.28E-05	2.5950E-03
608254.89	4200779.15	74663.8293	0.20507	0.20784	0.03724	0.03602	2.37E-03	8.19E-05	8.41E-05	2.41E-05	2.32E-05	2.5808E-03
608254.89	4200786.75	74200.94919	0.20273	0.20551	0.0379	0.03666	2.35E-03	8.09E-05	8.31E-05	2.45E-05	2.36E-05	2.5651E-03
608254.89	4200794.35	73703.7932	0.2004	0.20318	0.03856	0.03731	2.34E-03	8.00E-05	8.22E-05	2.50E-05	2.41E-05	2.5483E-03
608254.89	4200801.95	73179.64244	0.19808	0.20086	0.03923	0.03797	2.32E-03	7.91E-05	8.13E-05	2.54E-05	2.45E-05	2.5307E-03
608254.89	4200809.55	72641.20054	0.19577	0.19855	0.0399	0.03863	2.30E-03	7.82E-05	8.03E-05	2.58E-05	2.49E-05	2.5126E-03
608254.89	4200817.15	72084.7921	0.19347	0.19625	0.04058	0.03929	2.29E-03	7.73E-05	7.94E-05	2.63E-05	2.53E-05	2.4940E-03
608254.89	4200824.75	71516.47171	0.19119	0.19396	0.04126	0.03996	2.27E-03	7.63E-05	7.85E-05	2.67E-05	2.58E-05	2.4750E-03
608254.89	4200832.35	70935.96889	0.18891	0.19168	0.04194	0.04062	2.25E-03	7.54E-05	7.75E-05	2.72E-05	2.62E-05	2.4556E-03
608254.89	4200839.95	70351.44311	0.18665	0.18941	0.04262	0.0413	2.23E-03	7.45E-05	7.66E-05	2.76E-05	2.66E-05	2.4361E-03
608254.89	4200847.55	69765.57845	0.1844	0.18715	0.04331	0.04197	2.21E-03	7.36E-05	7.57E-05	2.80E-05	2.71E-05	2.4166E-03
608254.89	4200855.15	69179.57134	0.18217	0.18491	0.04399	0.04265	2.19E-03	7.27E-05	7.48E-05	2.85E-05	2.75E-05	2.3971E-03
608254.89	4200862.75	68599.39519	0.17996	0.18269	0.04468	0.04333	2.18E-03	7.19E-05	7.39E-05	2.89E-05	2.79E-05	2.3778E-03
608254.89	4200870.35	68027.28247	0.17777	0.18049	0.04537	0.04401	2.16E-03	7.10E-05	7.30E-05	2.94E-05	2.84E-05	2.3588E-03
608255.41	4200731.98	75875.7368	0.21931	0.22205	0.03324	0.03212	2.41E-03	8.76E-05	8.98E-05	2.15E-05	2.07E-05	2.6255E-03
608255.76	4200725.34	75631.78676	0.22115	0.22387	0.03269	0.03159	2.40E-03	8.83E-05	9.06E-05	2.12E-05	2.04E-05	2.6186E-03
608261.76	4200741.15	74048.73817	0.21301	0.2157	0.03392	0.0328	2.35E-03	8.51E-05	8.73E-05	2.20E-05	2.12E-05	2.5634E-03
608261.76	4200748.75	73958.86393	0.21073	0.21343	0.03455	0.03341	2.35E-03	8.41E-05	8.63E-05	2.24E-05	2.15E-05	2.5595E-03
608261.76	4200756.35	73779.91308	0.20845	0.21116	0.03518	0.03403	2.34E-03	8.32E-05	8.54E-05	2.28E-05	2.19E-05	2.5528E-03
608261.76	4200763.95	73529.95255	0.20618	0.20889	0.03582	0.03465	2.33E-03	8.23E-05	8.45E-05	2.32E-05	2.23E-05	2.5439E-03
608261.76	4200771.55	73223.1292	0.20391	0.20662	0.03647	0.03528	2.32E-03	8.14E-05	8.36E-05	2.36E-05	2.28E-05	2.5332E-03
608261.76	4200779.15	72859.5809	0.20163	0.20435	0.03711	0.03591	2.31E-03	8.05E-05	8.27E-05	2.40E-05	2.32E-05	2.5206E-03
608261.76	4200786.75	72452.27234	0.19937	0.20208	0.03777	0.03655	2.30E-03	7.96E-05	8.17E-05	2.45E-05	2.36E-05	2.5067E-03
608261.76	4200794.35	72009.93725	0.1971	0.19982	0.03842	0.03719	2.28E-03	7.87E-05	8.08E-05	2.49E-05	2.40E-05	2.4917E-03
608261.76	4200801.95	71539.54315	0.19484	0.19756	0.03908	0.03784	2.27E-03	7.78E-05	7.99E-05	2.53E-05	2.44E-05	2.4758E-03
608261.76	4200809.55	71052.70285	0.1926	0.19531	0.03975	0.03849	2.25E-03	7.69E-05	7.90E-05	2.57E-05	2.48E-05	2.4594E-03
608261.76	4200817.15	70550.65072	0.19036	0.19307	0.04041	0.03914	2.24E-03	7.60E-05	7.81E-05	2.62E-05	2.52E-05	2.4426E-03
608261.76	4200824.75	70038.4657	0.18814	0.19085	0.04108	0.0398	2.22E-03	7.51E-05	7.72E-05	2.66E-05	2.57E-05	2.4254E-03
608261.76	4200832.35	69511.18696	0.18593	0.18863	0.04175	0.04046	2.20E-03	7.42E-05	7.63E-05	2.70E-05	2.61E-05	2.4078E-03
608261.76	4200839.95	68976.51387	0.18373	0.18642	0.04243	0.04112	2.19E-03	7.34E-05	7.54E-05	2.75E-05	2.65E-05	2.3899E-03
608261.76	4200847.55	68438.44741	0.18154	0.18423	0.0431	0.04179	2.17E-03	7.25E-05	7.45E-05	2.79E-05	2.70E-05	2.3720E-03
608261.76	4200855.15	67899.18229	0.17937	0.18205	0.04378	0.04245	2.15E-03	7.16E-05	7.36E-05	2.84E-05	2.74E-05	2.3540E-03
608261.76	4200862.75	67359.67874	0.17721	0.17988	0.04446	0.04312	2.14E-03	7.08E-05	7.28E-05	2.88E-05	2.78E-05	2.3360E-03
608261.76	4200870.35	66826.00939	0.17507	0.17773	0.04514	0.0438	2.12E-03	6.99E-05	7.19E-05	2.92E-05	2.82E-05	2.3182E-03
608268.63	4200741.15	72175.44599	0.20932	0.21195	0.03384	0.03273	2.29E-03	8.36E-05	8.57E-05	2.19E-05	2.11E-05	2.5009E-03
608268.63	4200748.75	72110.29627	0.20711	0.20975	0.03446	0.03333	2.29E-03	8.27E-05	8.48E-05	2.23E-05	2.15E-05	2.4979E-03
608268.63	4200756.35	71964.36661	0.20491	0.20755	0.03508	0.03394	2.28E-03	8.18E-05	8.40E-05	2.27E-05	2.19E-05	2.4923E-03
608268.63	4200763.95	71747.9602	0.20269	0.20535	0.03572	0.03456	2.28E-03	8.09E-05	8.31E-05	2.31E-05	2.23E-05	2.4844E-03
608268.63	4200771.55	71484.48887	0.20049	0.20315	0.03635	0.03518	2.27E-03	8.01E-05	8.22E-05	2.35E-05	2.27E-05	2.4751E-03
608268.63	4200779.15	71164.1371	0.19828	0.20094	0.03699	0.03581	2.26E-03	7.92E-05	8.13E-05	2.40E-05	2.31E-05	2.4640E-03
608268.63	4200786.75	70802.86582	0.19608	0.19874	0.03764	0.03644	2.25E-03	7.83E-05	8.04E-05	2.44E-05	2.35E-05	2.4516E-03
608268.63	4200794.35	70407.70556	0.19388	0.19654	0.03828	0.03707	2.23E-03	7.74E-05	7.95E-05	2.48E-05	2.39E-05	2.4381E-03

608268.63	4200801.95	69987.0579	0.19168	0.19434	0.03893	0.03771	2.22E-03	7.65E-05	7.86E-05	2.52E-05	2.43E-05	2.4239E-03
608268.63	4200809.55	69543.77397	0.1895	0.19215	0.03959	0.03835	2.21E-03	7.57E-05	7.77E-05	2.56E-05	2.47E-05	2.4089E-03
608268.63	4200817.15	69089.35838	0.18732	0.18998	0.04025	0.03899	2.19E-03	7.48E-05	7.68E-05	2.61E-05	2.51E-05	2.3936E-03
608268.63	4200824.75	68626.61607	0.18516	0.18781	0.04091	0.03964	2.18E-03	7.39E-05	7.60E-05	2.65E-05	2.56E-05	2.3780E-03
608268.63	4200832.35	68145.38283	0.18301	0.18565	0.04157	0.04029	2.16E-03	7.31E-05	7.51E-05	2.69E-05	2.60E-05	2.3619E-03
608268.63	4200839.95	67655.39909	0.18087	0.1835	0.04224	0.04095	2.15E-03	7.22E-05	7.42E-05	2.74E-05	2.64E-05	2.3455E-03
608268.63	4200847.55	67160.47418	0.17874	0.18137	0.0429	0.0416	2.13E-03	7.14E-05	7.34E-05	2.78E-05	2.68E-05	2.3289E-03
608268.63	4200855.15	66662.53445	0.17662	0.17924	0.04357	0.04226	2.11E-03	7.05E-05	7.25E-05	2.82E-05	2.73E-05	2.3123E-03
608268.63	4200862.75	66163.5559	0.17452	0.17713	0.04424	0.04292	2.10E-03	6.97E-05	7.17E-05	2.86E-05	2.77E-05	2.2956E-03
608268.63	4200870.35	65665.03369	0.17244	0.17504	0.04491	0.04358	2.08E-03	6.89E-05	7.08E-05	2.91E-05	2.81E-05	2.2790E-03
608275.5	4200741.15	70428.11853	0.20572	0.2083	0.03375	0.03266	2.23E-03	8.21E-05	8.43E-05	2.19E-05	2.11E-05	2.4425E-03
608275.5	4200733.55	70397.12613	0.20786	0.21043	0.03315	0.03206	2.23E-03	8.30E-05	8.51E-05	2.15E-05	2.07E-05	2.4424E-03
608275.5	4200748.75	70384.69387	0.20359	0.20617	0.03437	0.03325	2.23E-03	8.13E-05	8.34E-05	2.23E-05	2.14E-05	2.4402E-03
608275.5	4200756.35	70266.05178	0.20144	0.20403	0.03499	0.03386	2.23E-03	8.04E-05	8.25E-05	2.27E-05	2.18E-05	2.4355E-03
608275.5	4200763.95	70080.91422	0.1993	0.20189	0.03561	0.03447	2.22E-03	7.96E-05	8.17E-05	2.31E-05	2.22E-05	2.4287E-03
608275.5	4200771.55	69845.92507	0.19715	0.19975	0.03624	0.03508	2.21E-03	7.87E-05	8.08E-05	2.35E-05	2.26E-05	2.4203E-03
608275.5	4200779.15	69564.18928	0.19501	0.19761	0.03687	0.0357	2.21E-03	7.79E-05	7.99E-05	2.39E-05	2.30E-05	2.4105E-03
608275.5	4200786.75	69243.9115	0.19287	0.19547	0.03751	0.03632	2.20E-03	7.70E-05	7.91E-05	2.43E-05	2.34E-05	2.3994E-03
608275.5	4200794.35	68889.95915	0.19073	0.19333	0.03814	0.03695	2.18E-03	7.62E-05	7.82E-05	2.47E-05	2.38E-05	2.3873E-03
608275.5	4200801.95	68510.97874	0.1886	0.1912	0.03879	0.03758	2.17E-03	7.53E-05	7.73E-05	2.51E-05	2.42E-05	2.3744E-03
608275.5	4200809.55	68111.35294	0.18647	0.18907	0.03943	0.03821	2.16E-03	7.45E-05	7.65E-05	2.55E-05	2.46E-05	2.3608E-03
608275.5	4200817.15	67697.41486	0.18435	0.18695	0.04008	0.03885	2.15E-03	7.36E-05	7.56E-05	2.60E-05	2.51E-05	2.3468E-03
608275.5	4200824.75	67273.22708	0.18225	0.18484	0.04073	0.03949	2.13E-03	7.28E-05	7.48E-05	2.64E-05	2.55E-05	2.3325E-03
608275.5	4200832.35	66834.35339	0.18016	0.18274	0.04139	0.04013	2.12E-03	7.19E-05	7.39E-05	2.68E-05	2.59E-05	2.3178E-03
608275.5	4200839.95	66385.6079	0.17807	0.18065	0.04204	0.04078	2.10E-03	7.11E-05	7.31E-05	2.72E-05	2.63E-05	2.3027E-03
608275.5	4200847.55	65929.52641	0.176	0.17857	0.0427	0.04142	2.09E-03	7.03E-05	7.22E-05	2.77E-05	2.67E-05	2.2874E-03
608275.5	4200855.15	65469.07328	0.17394	0.1765	0.04336	0.04207	2.08E-03	6.95E-05	7.14E-05	2.81E-05	2.71E-05	2.2720E-03
608275.5	4200862.75	65006.08722	0.17189	0.17444	0.04402	0.04272	2.06E-03	6.86E-05	7.06E-05	2.85E-05	2.76E-05	2.2565E-03
608275.5	4200870.35	64541.85777	0.16986	0.1724	0.04468	0.04338	2.05E-03	6.78E-05	6.97E-05	2.89E-05	2.80E-05	2.2410E-03
608282.37	4200741.15	68800.9184	0.20222	0.20474	0.03367	0.03258	2.18E-03	8.07E-05	8.28E-05	2.18E-05	2.10E-05	2.3880E-03
608282.37	4200748.75	68768.47335	0.20014	0.20267	0.03428	0.03318	2.18E-03	7.99E-05	8.20E-05	2.22E-05	2.14E-05	2.3860E-03
608282.37	4200733.55	68766.36804	0.2043	0.20681	0.03307	0.032	2.18E-03	8.16E-05	8.37E-05	2.14E-05	2.06E-05	2.3878E-03
608282.37	4200756.35	68669.42275	0.19806	0.2006	0.03489	0.03377	2.18E-03	7.91E-05	8.11E-05	2.26E-05	2.18E-05	2.3820E-03
608282.37	4200763.95	68509.18373	0.19598	0.19852	0.0355	0.03437	2.17E-03	7.83E-05	8.03E-05	2.30E-05	2.22E-05	2.3760E-03
608282.37	4200771.55	68298.45384	0.19389	0.19644	0.03612	0.03498	2.17E-03	7.74E-05	7.95E-05	2.34E-05	2.26E-05	2.3685E-03
608282.37	4200779.15	68050.00912	0.19181	0.19436	0.03675	0.03559	2.16E-03	7.66E-05	7.86E-05	2.38E-05	2.30E-05	2.3597E-03
608282.37	4200786.75	67766.49986	0.18973	0.19228	0.03738	0.03621	2.15E-03	7.58E-05	7.78E-05	2.42E-05	2.34E-05	2.3499E-03
608282.37	4200794.35	67451.05074	0.18766	0.1902	0.03801	0.03682	2.14E-03	7.49E-05	7.69E-05	2.46E-05	2.37E-05	2.3390E-03
608282.37	4200801.95	67108.4194	0.18558	0.18813	0.03864	0.03745	2.13E-03	7.41E-05	7.61E-05	2.50E-05	2.42E-05	2.3273E-03
608282.37	4200809.55	66744.49017	0.18351	0.18605	0.03928	0.03807	2.12E-03	7.33E-05	7.53E-05	2.54E-05	2.46E-05	2.3149E-03
608282.37	4200817.15	66366.35532	0.18145	0.18399	0.03992	0.0387	2.10E-03	7.25E-05	7.44E-05	2.59E-05	2.50E-05	2.3021E-03
608282.37	4200824.75	65974.12693	0.1794	0.18194	0.04056	0.03933	2.09E-03	7.16E-05	7.36E-05	2.63E-05	2.54E-05	2.2888E-03
608282.37	4200832.35	65576.39295	0.17736	0.1799	0.04121	0.03997	2.08E-03	7.08E-05	7.28E-05	2.67E-05	2.58E-05	2.2754E-03
608282.37	4200839.95	65164.62005	0.17534	0.17786	0.04185	0.0406	2.07E-03	7.00E-05	7.19E-05	2.71E-05	2.62E-05	2.2615E-03
608282.37	4200847.55	64743.56135	0.17332	0.17583	0.0425	0.04124	2.05E-03	6.92E-05	7.11E-05	2.75E-05	2.66E-05	2.2474E-03
608282.37	4200855.15	64317.0885	0.17131	0.17382	0.04315	0.04188	2.04E-03	6.84E-05	7.03E-05	2.79E-05	2.70E-05	2.2331E-03
608282.37	4200862.75	63886.85798	0.16932	0.17181	0.0438	0.04253	2.03E-03	6.76E-05	6.95E-05	2.84E-05	2.74E-05	2.2187E-03
608282.37	4200870.35	63454.10199	0.16734	0.16982	0.04445	0.04317	2.01E-03	6.68E-05	6.87E-05	2.88E-05	2.78E-05	2.2042E-03
608289.24	4200741.15	67275.3039	0.1988	0.20127	0.03359	0.03251	2.13E-03	7.94E-05	8.14E-05	2.18E-05	2.10E-05	2.3367E-03
608289.24	4200748.75	67248.57278	0.19678	0.19926	0.03419	0.0331	2.13E-03	7.86E-05	8.06E-05	2.21E-05	2.13E-05	2.3350E-03
608289.24	4200733.55	67238.31862	0.20082	0.20328	0.03299	0.03193	2.13E-03	8.02E-05	8.22E-05	2.14E-05	2.06E-05	2.3364E-03
608289.24	4200756.35	67163.01147	0.19476	0.19724	0.03479	0.03369	2.13E-03	7.78E-05	7.98E-05	2.25E-05	2.17E-05	2.3314E-03
608289.24	4200763.95	67026.79882	0.19274	0.19523	0.0354	0.03428	2.13E-03	7.70E-05	7.90E-05	2.29E-05	2.21E-05	2.3263E-03
608289.24	4200771.55	66840.95498	0.19071	0.1932	0.03601	0.03488	2.12E-03	7.62E-05	7.82E-05	2.33E-05	2.25E-05	2.3195E-03
608289.24	4200779.15	66617.14779	0.18869	0.19118	0.03662	0.03548	2.11E-03	7.53E-05	7.73E-05	2.37E-05	2.29E-05	2.3116E-03
608289.24	4200786.75	66361.58271	0.18666	0.18916	0.03724	0.03609	2.10E-03	7.45E-05	7.65E-05	2.41E-05	2.33E-05	2.3027E-03
608289.24	4200794.35	66080.81128	0.18465	0.18714	0.03787	0.0367	2.10E-03	7.37E-05	7.57E-05	2.45E-05	2.37E-05	2.2929E-03
608289.24	4200801.95	65770.24324	0.18263	0.18512	0.03849	0.03732	2.09E-03	7.29E-05	7.49E-05	2.49E-05	2.41E-05	2.2823E-03
608289.24	4200809.55	65441.18838	0.18062	0.18311	0.03912	0.03793	2.08E-03	7.21E-05	7.41E-05	2.53E-05	2.45E-05	2.2710E-03
608289.24	4200817.15	65093.53209	0.17861	0.1811	0.03975	0.03855	2.06E-03	7.13E-05	7.33E-05	2.57E-05	2.49E-05	2.2592E-03
608289.24	4200824.75	64733.06795	0.17661	0.1791	0.04039	0.03918	2.05E-03	7.05E-05	7.24E-05	2.62E-05	2.53E-05	2.2470E-03
608289.24	4200832.35	64368.56478	0.17463	0.17711	0.04103	0.03981	2.04E-03	6.97E-05	7.16E-05	2.66E-05	2.57E-05	2.2346E-03
608289.24	4200839.95	63990.00995	0.17266	0.17513	0.04166	0.04043	2.03E-03	6.89E-05	7.08E-05	2.70E-05	2.61E-05	2.2219E-03
608289.24	4200847.55	63601.46152	0.17069	0.17316	0.0423	0.04106	2.02E-03	6.82E-05	7.00E-05	2.74E-05	2.65E-05	2.2088E-03
608289.24	4200855.15	63204.8127	0.16874	0.17119	0.04294	0.0417	2.00E-03	6.74E-05	6.92E-05	2.78E-05	2.69E-05	2.1955E-03
608289.24	4200862.75	62804.41885	0.16679	0.16924	0.04359	0.04233	1.99E-03	6.66E-05	6.85E-05	2.82E-05	2.73E-05	2.1820E-03
608289.24	4200870.35	62400.41817	0.16487	0.1673	0.04423	0.04296	1.98E-03	6.58E-05	6.77E-05	2.86E-05	2.77E-05	2.1685E-03
608296.11	4200741.15	65839.15648	0.19547	0.19789	0.0335	0.03244	2.09E-03	7.81E-05	8.00E-05	2.17E-05	2.09E-05	2.2884E-03
608296.11	4200748.75	65818.30633	0.19351	0.19593	0.03409	0.03302	2.09E-03	7.73E-05	7.93E-05	2.21E-05	2.13E-05	2.2869E-03
608296.11	4200733.55	65796.62669	0.19743	0.19983	0.03292	0.03187	2.09E-03	7.88E-05	8.08E-05	2.13E-05	2.06E-05	2.2879E-03
608296.11	4200756.35	65745.07513	0.19154	0.19397	0.03469	0.0336	2.08E-03	7.65E-05	7.85E-05	2.25E-05	2.17E-05	2.2838E-03
608296.11	4200763.95	65622.90333	0.18957	0.19201	0.03529	0.03419	2.08E-03	7.57E-05	7.77E-05	2.29E-05	2.21E-05	2.2791E-03
608296.11	4200771.55	65460.86618	0.18761	0.19004	0.0359	0.03478	2.08E-03	7.49E-05	7.69E-05	2.32E-05	2.24E-05	2.2731E-03
608296.11	4200779.15	65259.65973	0.18564	0.18807	0.0365	0.03538	2.07E-03	7.41E-05	7.61E-05	2.36E-05	2.28E-05	2.2659E-03
608296.11	4200786.75	65028.45841	0.18367	0.18611	0.03712	0.03598	2.06E-03	7.33E-05	7.53E-05	2.40E-05	2.32E-05	2.2578E-03
608296.11	4200794.35	64773.19793	0.18171	0.18415	0.03773	0.03658	2.05E-03	7.26E-05	7.45E-05	2.44E-05	2.36E-05	2.2489E-03
608296.11	4200801.95	64491.99849	0.17974	0.18218	0.03835	0.03719	2.04E-03	7.18E-05	7.37E-05	2.48E-05	2.40E-05	2.2392E-03
608296.11	4200809.55	64192.75323	0.17779	0.18022	0.03897	0.0378	2.04E-03	7.10E-05	7.29E-05	2.52E-05	2.44E-05	2.2290E-03
608296.11	4200817.15	63876.2471	0.17584	0.17827	0.03959	0.03841	2.03E-03	7.02E-05	7.21E-05	2.56E-05	2.48E-05	2.2182E-03
608296.11	4200824.75	63545.08755	0.17389	0.17632	0.04022	0.03902	2.01E-03	6.94E-05	7.13E-05	2.60E-05	2.52E-05	2.2069E-03
608296.11	4200832.35	63207.22768	0.17196	0.17439	0.04085	0.03964	2.00E-03	6.87E-05	7.05E-05	2.65E-05	2.56E-05	2.1954E-03
608296.11	4200839.95	62858.40744	0.17004	0.17246	0.04148	0.04026	1.99E-03	6.79E-05	6.98E-05	2.69E-05	2.60E-05	2.1836E-03
608296.11	4200847.55	62499.21116	0.16813	0.17054	0.04211	0.04089	1.98E-03	6.71E-05	6.90E-05	2.73E-05	2.64E-05	2.1715E-03
608296.11	4200855.15	62131.41151	0.16622	0.16862	0.04274	0.04151	1.97E-03	6.64E-05	6.82E-05	2.77E-05	2.68E-05	2.1591E-03
608296.11	4200862.75	61758.15039	0.16433	0.16672	0.04337	0.04213	1.96E-03	6.56E-05	6.74E-05	2.81E-05	2.72E-05	2.1466E-03
608296.11	4200870.35	61380.477	0.16245	0.16483	0.04401	0.04276	1.95E-03	6.49E-05	6.67E-05	2.85E-05	2.76E-05	2.1339E-03
608302.98	4200741.15	64479.74504	0.19221	0.19458	0.03342	0.03237	2.04E-03	7.67E-05	7.87E-05	2.16E-05	2.09E-05	2.2425E-03
608302.98	4200748.75	64469.96407	0.19031	0.19268	0.034	0.03294	2.04E-03	7.60E-05	7.79E-05	2.20E-05	2.12E-05	2.2414E-03
608302.98	4200733.55	64431.9006	0.19411	0.19647	0.03284	0.0318	2.04E-03	7.75E-05	7.95E-05	2.13E-05	2.05E-05	2.2418E-03
608302.98	4200756.35	64405.63674	0.1884	0.19078	0.03459	0.03351	2.04E-03	7.52E-05	7.72E-05	2.24E-05	2.16E-05	2.2386E-03
608302.98	4200763.95	64295.34466	0.18648	0.18886	0.03518	0.03409	2.04E-03	7.45E-05	7.64E-05	2.28E-05	2.20E-05	2.2343E-03
608302.98	4200771.55	64151.50447	0.18457	0.18696	0.03578	0.03468	2.03E-03	7.37E-05	7.56E-05	2.32E-05	2.24E-05	2.2290E-03
608302.98	4200779.15	63972.08884	0.18266	0.18504	0.03638	0.03527	2.03E-03	7.29E-05	7.49E-05	2.36E-05	2.27E-05	2.2225E-03
608302.98	4200786.75	63762.18898	0.18074	0.18313	0.03699	0.03586	2.02E-03	7.22E-05	7.41E-05	2.40E-05	2.31E-05	2.2151E-03
608302.98	4200794.35	63527.12014	0.17883	0.18122	0.03759	0.03646	2.01E-03	7.14E-05	7.33E-05	2.43E-05	2.35E-05	2.2069E-03
608302.98	4200801.95	63269.54616	0.17692	0.17931	0.0382	0.03706	2.01E-03	7.06E-05	7.25E-05	2.47E-05	2.39E-05	2.1980E-03
608302.98	4200809.55	62997.75987	0.17502	0.1774	0.03882	0.03766	2.00E-03	6.99E-05	7.18E-05	2.51E-05	2.43E-05	2.1886E-03
608302.98	4200817.15	62708.96819	0.17312	0.1755	0.03943	0.03826	1.99E-03	6.91E-05	7.10E-05	2.55E-05	2.47E-05	2.1787E-03
608302.98	4200824.75	62405.6557	0.17123	0.17361	0.04005	0.03887	1.98E-03	6.84E-05	7.02E-05	2.59E-05	2.51E-05	2.1684E-03
608302.98	4200832.35	62089.83971	0.16935	0.17172	0.04067	0.03948	1.97E-03	6.76E-05	6.95E-05	2.63E-05	2.55E-05	2.1577E-03
608302.98	4200839.95	61766.82404	0.16747	0.16984	0.04129	0.04009	1.96E-03	6.69E-05	6.87E-05	2.67E-05	2.59E-05	2.1467E-03
608302.98	4200847.55	61434.18675	0.16561	0.16797	0.04191	0.04071	1.95E-03	6.61E-05	6.79E-05	2.71E-05	2.63E-05	2.1355E-03
608302.98	4200855.15	61093.39438	0.16376	0.16611	0.04254	0.04132	1.94E-03	6.54E-05	6.72E-05	2.75E-05	2.66E-05	2.1240E-03
608302.98	4200862.75	60744.86967	0.16191	0.16425	0.04316	0.04194	1.93E-03	6.47E-05	6.64E-05	2.80E-05	2.70E-05	2.1122E-03
608302.98	4200870.35	60391.30704	0.16008	0.16241	0.04378	0.04256	1.91E-03	6.39E-05	6.57E-05	2.84E-05	2.74E-05	2.1003E-03

Ranch EIR Residential Project Construction Parameters

Phase 2

Construction Annual DPM Emissions (PM2.5 Exhaust) **Unmitigated Concentrations**

Annual Average Onsite DPM Rate (grams/m2/sec): 3.50E-08
Annual Average Offsite DPM Emission Rate - Road 1 (grams/sec): 5.62E-06
Annual Average Offsite DPM Emission Rate - Road 2 (grams/sec): 5.70E-06
Annual Average Offsite DPM Emission Rate - Road 3 (grams/sec): 9.12E-06
Annual Average Offsite DPM Emission Rate - Road4 (grams/sec): 9.08E-06
Annual Average Offsite DPM Emission Rate - Road5 (grams/sec): 3.27E-06
Annual Average Offsite DPM Emission Rate - Road5 (grams/sec): 3.26E-06

X	Y	Onsite Phase 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 1 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 4 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 5 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 6 Unit Emissions VALUES AVERAGED AVERAGE CONC	Onsite Phase 2 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 1 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 2 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 3 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 4 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 5 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 6 Annual DPM Exhaust w/Actual Emissions (ug/m3)	**Total DPM (ug/m3)**
605009.76	4201463.46	3458.38146	0.00295	0.00295	0.01178	0.01195	0.10995	0.11322	1.21E-04	1.66E-08	1.68E-08	1.07E-07	1.09E-07	3.60E-07	3.70E-07	1.2205E-04
605020.97	4201489.77	3371.65486	0.00295	0.00296	0.01192	0.0121	0.11465	0.11811	1.18E-04	1.66E-08	1.69E-08	1.09E-07	1.10E-07	3.75E-07	3.86E-07	1.1905E-04
605025.63	4201440.58	3759.94671	0.00301	0.00301	0.01197	0.01215	0.11463	0.11811	1.32E-04	1.69E-08	1.71E-08	1.09E-07	1.10E-07	3.75E-07	3.86E-07	1.3265E-04
605045.35	4201493.83	3316.08548	0.00292	0.00293	0.01195	0.01213	0.11763	0.12129	1.16E-04	1.64E-08	1.67E-08	1.09E-07	1.10E-07	3.85E-07	3.96E-07	1.1713E-04
605052.57	4201438.73	3882.56335	0.00303	0.00303	0.01215	0.01233	0.12091	0.12468	1.36E-04	1.70E-08	1.73E-08	1.11E-07	1.12E-07	3.95E-07	4.07E-07	1.3698E-04
605067.01	4201501.96	3270.97409	0.0029	0.00291	0.01203	0.01221	0.12155	0.12541	1.15E-04	1.63E-08	1.66E-08	1.10E-07	1.11E-07	3.98E-07	4.09E-07	1.1557E-04
605077.3	4201449.8	3821.7766	0.00301	0.00302	0.01225	0.01243	0.12606	0.1301	1.34E-04	1.69E-08	1.72E-08	1.12E-07	1.13E-07	4.12E-07	4.25E-07	1.3489E-04
605088.68	4201514.14	3219.88699	0.00289	0.0029	0.01214	0.01232	0.12652	0.13065	1.13E-04	1.63E-08	1.65E-08	1.11E-07	1.12E-07	4.14E-07	4.26E-07	1.1382E-04
605094.28	4201462.35	3677.74019	0.00297	0.00298	0.01226	0.01244	0.12804	0.1322	1.29E-04	1.67E-08	1.70E-08	1.12E-07	1.13E-07	4.19E-07	4.32E-07	1.2986E-04
605106.29	4201530.4	3155.01508	0.00287	0.00289	0.01225	0.01243	0.13151	0.13591	1.10E-04	1.61E-08	1.65E-08	1.12E-07	1.13E-07	4.30E-07	4.44E-07	1.1159E-04
605113.1	4201473.42	3597.26745	0.00295	0.00295	0.01233	0.01251	0.13192	0.13628	1.26E-04	1.66E-08	1.68E-08	1.12E-07	1.14E-07	4.31E-07	4.45E-07	1.2707E-04
605134.6	4201499.62	3344.94251	0.00288	0.00289	0.01235	0.01253	0.135	0.13952	1.17E-04	1.62E-08	1.65E-08	1.13E-07	1.14E-07	4.41E-07	4.55E-07	1.1826E-04
605151.19	4201482.44	3662.1826	0.00296	0.00297	0.01262	0.0128	0.14433	0.1493	1.28E-04	1.66E-08	1.69E-08	1.15E-07	1.16E-07	4.72E-07	4.87E-07	1.2943E-04
605168.07	4201530.53	3196.01788	0.00285	0.00287	0.01256	0.01275	0.14633	0.15149	1.12E-04	1.60E-08	1.64E-08	1.15E-07	1.16E-07	4.79E-07	4.94E-07	1.1313E-04
605172.03	4201466.28	4172.66545	0.0031	0.00311	0.01308	0.01327	0.16061	0.16635	1.46E-04	1.74E-08	1.77E-08	1.19E-07	1.21E-07	5.25E-07	5.43E-07	1.4742E-04
605181.62	4201558.83	3029.11286	0.00281	0.00283	0.01262	0.01281	0.15097	0.15646	1.06E-04	1.58E-08	1.61E-08	1.15E-07	1.16E-07	4.94E-07	5.11E-07	1.0731E-04
605188.98	4201454.15	4635.9478	0.00321	0.00323	0.01347	0.01367	0.17321	0.17944	1.62E-04	1.81E-08	1.84E-08	1.23E-07	1.24E-07	5.66E-07	5.86E-07	1.6374E-04
605191.33	4201515.02	3455.30506	0.00291	0.00293	0.01284	0.01303	0.15756	0.16325	1.21E-04	1.64E-08	1.67E-08	1.17E-07	1.18E-07	5.15E-07	5.33E-07	1.2228E-04
605193.13	4201585.31	2978.24469	0.0028	0.00283	0.01279	0.01299	0.15889	0.16489	1.04E-04	1.57E-08	1.61E-08	1.17E-07	1.18E-07	5.20E-07	5.38E-07	1.0559E-04
605201.19	4201601.43	2843.36509	0.00275	0.00278	0.01274	0.01294	0.15808	0.16407	9.95E-05	1.55E-08	1.58E-08	1.16E-07	1.18E-07	5.17E-07	5.36E-07	1.0086E-04
605202.19	4201404.28	6876.14421	0.00367	0.00368	0.01494	0.01516	0.19319	0.20005	2.41E-04	2.06E-08	2.10E-08	1.36E-07	1.38E-07	6.32E-07	6.53E-07	2.4233E-04
605207.14	4201438.92	5542.96203	0.00343	0.00344	0.01424	0.01445	0.19283	0.2	1.94E-04	1.93E-08	1.96E-08	1.30E-07	1.31E-07	6.31E-07	6.53E-07	1.9564E-04
605207.2	4201501	3786.50182	0.00301	0.00303	0.01315	0.01335	0.17022	0.17656	1.33E-04	1.69E-08	1.73E-08	1.20E-07	1.21E-07	5.57E-07	5.76E-07	1.3397E-04
605208.1	4201623.31	2615.44298	0.00265	0.00268	0.01256	0.01276	0.15217	0.15788	9.16E-05	1.49E-08	1.53E-08	1.15E-07	1.16E-07	4.98E-07	5.15E-07	9.2838E-05
605226.39	4201488.08	4178.153	0.00311	0.00313	0.01351	0.01371	0.1852	0.19234	1.46E-04	1.75E-08	1.78E-08	1.23E-07	1.25E-07	6.06E-07	6.28E-07	1.4779E-04
605226.91	4201528.1	3495.68174	0.00293	0.00295	0.01316	0.01336	0.1744	0.18103	1.22E-04	1.65E-08	1.68E-08	1.20E-07	1.21E-07	5.70E-07	5.91E-07	1.2382E-04
605227.67	4201640.58	2579.56831	0.00263	0.00266	0.01267	0.01288	0.15881	0.16497	9.03E-05	1.48E-08	1.52E-08	1.16E-07	1.17E-07	5.19E-07	5.38E-07	9.1629E-05
605241.22	4201548.03	3409.59911	0.00291	0.00294	0.01329	0.0135	0.18354	0.19078	1.19E-04	1.64E-08	1.68E-08	1.21E-07	1.23E-07	6.00E-07	6.23E-07	1.2087E-04
605249.55	4201659	2592.13724	0.00262	0.00265	0.01285	0.01306	0.1688	0.17567	9.07E-05	1.47E-08	1.51E-08	1.17E-07	1.19E-07	5.52E-07	5.73E-07	9.2139E-05
605251.44	4201595.54	3193.90844	0.00286	0.00289	0.01342	0.01363	0.19255	0.20054	1.12E-04	1.61E-08	1.65E-08	1.22E-07	1.24E-07	6.30E-07	6.55E-07	1.1338E-04
605251.89	4201403.82	7193.01797	0.00366	0.00367	0.01505	0.01526	0.21408	0.22267	2.52E-04	2.06E-08	2.09E-08	1.37E-07	1.39E-07	7.00E-07	7.27E-07	2.5357E-04
605255.31	4201424.35	6465.21807	0.00356	0.00357	0.01486	0.01507	0.21806	0.2268	2.26E-04	2.00E-08	2.03E-08	1.36E-07	1.37E-07	7.13E-07	7.40E-07	2.2811E-04
605262.68	4201624.15	2979.52462	0.00278	0.0028	0.01333	0.01355	0.19128	0.19935	1.04E-04	1.56E-08	1.60E-08	1.22E-07	1.23E-07	6.26E-07	6.51E-07	1.0586E-04
605269.83	4201576.12	3561.40542	0.00298	0.00301	0.01384	0.01407	0.21409	0.22334	1.25E-04	1.68E-08	1.71E-08	1.26E-07	1.28E-07	7.00E-07	7.29E-07	1.2640E-04
605271.43	4201670.51	2640.203	0.00263	0.00265	0.01303	0.01326	0.18013	0.18782	9.24E-05	1.48E-08	1.51E-08	1.19E-07	1.20E-07	5.89E-07	6.13E-07	9.3902E-05
605272.78	4201468.12	4872.37012	0.00324	0.00326	0.01411	0.01431	0.21302	0.22192	1.71E-04	1.82E-08	1.86E-08	1.29E-07	1.30E-07	6.97E-07	7.24E-07	1.7229E-04
605279.99	4201489.75	4362.46051	0.00312	0.00314	0.01391	0.01411	0.20905	0.21772	1.53E-04	1.75E-08	1.79E-08	1.27E-07	1.28E-07	6.84E-07	7.11E-07	1.5441E-04
605283.25	4201414.66	7306.12752	0.00368	0.00369	0.01537	0.01559	0.23544	0.2453	2.56E-04	2.07E-08	2.10E-08	1.40E-07	1.42E-07	7.70E-07	8.01E-07	2.5767E-04
605285.4	4201543.23	3725.3418	0.00299	0.00302	0.01383	0.01404	0.2135	0.22255	1.30E-04	1.68E-08	1.72E-08	1.26E-07	1.28E-07	6.98E-07	7.26E-07	1.3213E-04
605286.18	4201633.34	3034.93675	0.00278	0.00281	0.01354	0.01377	0.20554	0.21458	1.06E-04	1.56E-08	1.60E-08	1.24E-07	1.25E-07	6.72E-07	7.00E-07	1.0790E-04
605286.6	4201513.79	3976.994	0.00303	0.00306	0.01381	0.01402	0.20836	0.21699	1.39E-04	1.70E-08	1.74E-08	1.26E-07	1.27E-07	6.81E-07	7.08E-07	1.4091E-04
605288.7	4201676.27	2683.57742	0.00263	0.00265	0.01318	0.0134	0.18949	0.19785	9.39E-05	1.48E-08	1.51E-08	1.20E-07	1.22E-07	6.20E-07	6.46E-07	9.5487E-05
605303.55	4201645.09	2979.3438	0.00274	0.00277	0.01358	0.01381	0.21134	0.22086	1.04E-04	1.54E-08	1.58E-08	1.24E-07	1.25E-07	6.91E-07	7.21E-07	1.0600E-04
605305.23	4201576.28	3944.12869	0.00308	0.00311	0.01448	0.01471	0.25115	0.26271	1.38E-04	1.73E-08	1.77E-08	1.32E-07	1.34E-07	8.21E-07	8.57E-07	1.4006E-04
605306.62	4201416.94	7884.83293	0.00379	0.0038	0.01592	0.01616	0.25477	0.26588	2.76E-04	2.13E-08	2.17E-08	1.45E-07	1.47E-07	8.33E-07	8.68E-07	2.7808E-04
605315.44	4201466.31	5500.42527	0.00337	0.00339	0.01478	0.01499	0.25049	0.26186	1.93E-04	1.90E-08	1.93E-08	1.35E-07	1.36E-07	8.19E-07	8.55E-07	1.9455E-04
605322.05	4201586.49	4083.64031	0.00311	0.00314	0.01479	0.01504	0.2715	0.28441	1.43E-04	1.75E-08	1.79E-08	1.35E-07	1.37E-07	8.88E-07	9.28E-07	1.4509E-04
605331.61	4201420.86	8430.26556	0.00388	0.0039	0.01649	0.01673	0.27743	0.29023	2.95E-04	2.18E-08	2.22E-08	1.50E-07	1.52E-07	9.07E-07	9.47E-07	2.9734E-04
605335.73	4201683.92	2915.3404	0.00267	0.00269	0.01368	0.01391	0.22453	0.23543	1.02E-04	1.50E-08	1.53E-08	1.25E-07	1.26E-07	7.34E-07	7.68E-07	1.0385E-04
605338.73	4201527.72	4087.19073	0.00305	0.00307	0.0143	0.01451	0.24316	0.25419	1.43E-04	1.72E-08	1.75E-08	1.30E-07	1.32E-07	7.95E-07	8.30E-07	1.4501E-04
605341.29	4201471.54	5755.37441	0.00343	0.00345	0.01516	0.01539	0.27732	0.29067	2.01E-04	1.93E-08	1.97E-08	1.38E-07	1.40E-07	9.07E-07	9.49E-07	2.0366E-04
605343.08	4201606.92	4091.34957	0.00309	0.00312	0.01499	0.01525	0.29152	0.30595	1.43E-04	1.74E-08	1.78E-08	1.37E-07	1.39E-07	9.53E-07	9.99E-07	1.4550E-04
605346.39	4201549.18	4038.451	0.00305	0.00308	0.01449	0.01472	0.26143	0.27384	1.41E-04	1.72E-08	1.75E-08	1.32E-07	1.34E-07	8.55E-07	8.94E-07	1.4343E-04
605347.42	4201504.74	4592.87982	0.00316	0.00319	0.01457	0.01478	0.25826	0.27051	1.61E-04	1.78E-08	1.82E-08	1.33E-07	1.34E-07	8.45E-07	8.83E-07	1.6282E-04
605353.26	4201422.76	8922.76672	0.00395	0.00397	0.01692	0.01717	0.29815	0.31288	3.12E-04	2.22E-08	2.26E-08	1.54E-07	1.56E-07	9.75E-07	1.02E-06	3.1473E-04
605355.14	4201690.56	3035.18524	0.00269	0.00271	0.01389	0.01414	0.24198	0.25428	1.06E-04	1.51E-08	1.54E-08	1.27E-07	1.28E-07	7.91E-07	8.30E-07	1.0817E-04
605358.21	4201654.29	3463.76424	0.00285	0.00287	0.0144	0.01465	0.27037	0.2843	1.21E-04	1.60E-08	1.64E-08	1.31E-07	1.33E-07	8.84E-07	9.28E-07	1.2337E-04
605363.25	4201470.52	6291.66338	0.00353	0.00356	0.01568	0.01592	0.30717	0.32267	2.20E-04	1.99E-08	2.03E-08	1.43E-07	1.45E-07	1.00E-06	1.05E-06	2.2265E-04
605367.72	4201603.92	4512.95098	0.00319	0.00322	0.01557	0.01584	0.33023	0.34751	1.58E-04	1.79E-08	1.83E-08	1.42E-07	1.44E-07	1.08E-06	1.13E-06	1.6053E-04
605371.93	4201559.39	4284.71885	0.00311	0.00314	0.01495	0.01518	0.29864	0.31403	1.50E-04	1.75E-08	1.79E-08	1.36E-07	1.38E-07	9.77E-07	1.03E-06	1.5232E-04
605375.91	4201424.82	9345.13793	0.004	0.00402	0.01725	0.0175	0.32226	0.33904	3.27E-04	2.25E-08	2.29E-08	1.57E-07	1.59E-07	1.05E-06	1.11E-06	3.2969E-04
605379.67	4201688.01	3291.79316	0.00275	0.00277	0.01428	0.01453	0.27281	0.28749	1.15E-04	1.55E-08	1.58E-08	1.30E-07	1.32E-07	8.92E-07	9.38E-07	1.1737E-04
605382.73	4201653.78	3754.00637	0.00291	0.00293	0.0148	0.01506	0.30463	0.32129	1.31E-04	1.64E-08	1.67E-08	1.35E-07	1.37E-07	9.96E-07	1.05E-06	1.3377E-04
605391.16	4201606.92	4939.75996	0.00328	0.00332	0.01617	0.01645	0.37145	0.39227	1.73E-04	1.84E-08	1.89E-08	1.47E-07	1.49E-07	1.21E-06	1.28E-06	1.7577E-04
605392.87	4201547.64	4334.64555	0.00309	0.00312	0.01496	0.01518	0.30317	0.31899	1.52E-04	1.74E-08	1.78E-08	1.36E-07	1.38E-07	9.91E-07	1.04E-06	1.5409E-04
605397.74	4201432.23	9284.02757	0.00397	0.00399	0.01731	0.01757	0.34987	0.36919	3.25E-04	2.23E-08	2.27E-08	1.58E-07	1.60E-07	1.14E-06	1.21E-06	3.2774E-04
605400.1	4201689.03	3497.12282	0.00278	0.0028	0.01457	0.01482	0.29963	0.31661	1.22E-04	1.56E-08	1.60E-08	1.33E-07	1.35E-07	9.80E-07	1.03E-06	1.2474E-04
605401.04	4201524.15	4604.59377	0.00313	0.00316	0.015	0.01521	0.30202	0.31793	1.61E-04	1.76E-08	1.80E-08	1.37E-07	1.38E-07	9.88E-07	1.04E-06	1.6354E-04
605402.58	4201503.72	5096.90604	0.00324	0.00327	0.0152	0.01542	0.31565	0.33301	1.78E-04	1.82E-08	1.86E-08	1.39E-07	1.40E-07	1.03E-06	1.09E-06	1.8087E-04
605407.25	4201655.82	3996.5883	0.00294	0.00297	0.01513	0.0154	0.33857	0.35813	1.40E-04	1.65E-08	1.69E-08	1.38E-07	1.40E-07	1.11E-06	1.17E-06	1.4250E-04
605407.68	4201483.8	6039.27512	0.00344	0.00347	0.01574	0.01596	0.34715	0.36718	2.11E-04	1.93E-08	1.98E-08	1.44E-07	1.45E-07	1.14E-06	1.20E-06	2.1409E-04
605416.39	4201604.52	5280.01161	0.00333	0.00336	0.01653	0.01682	0.41318	0.43749	1.85E-04	1.87E-08	1.91E-08	1.51E-07	1.53E-07	1.35E-06	1.43E-06	1.8797E-04
605416.69	4201438.82	9168.61632	0.00394	0.00396	0.01732	0.01758	0.37663	0.39816	3.21E-04	2.22E-08	2.26E-08	1.58E-07	1.60E-07	1.23E-06	1.30E-06	3.2388E-04
605423.6	4201689.54	3721.67212	0.00281	0.00283	0.01487	0.01514	0.33225	0.3522	1.30E-04	1.58E-08	1.61E-08	1.36E-07	1.38E-07	1.09E-06	1.15E-06	1.3283E-04
605425.13	4201659.91	4152.06521	0.00295	0.00298	0.01533	0.0156	0.36407	0.38614	1.45E-04	1.66E-08	1.70E-08	1.40E-07	1.42E-07	1.19E-06	1.26E-06	1.4813E-04
605438.52	4201442.12	9331.85165	0.00393	0.00395	0.01743	0.0177	0.40979	0.43478	3.27E-04	2.21E-08	2.25E-08	1.59E-07	1.61E-07	1.34E-06	1.42E-06	3.2982E-04
605439.23	4201611.73	5552.44101	0.00334	0.00337	0.01681	0.01711	0.45757	0.48614	1.94E-04	1.88E-08	1.92E-08	1.53E-07	1.55E-07	1.50E-06	1.59E-06	1.9782E-04
605440.46	4201696.18	3849.1168	0.00282	0.00284	0.01504	0.01531	0.35557	0.37798	1.35E-04	1.59E-08	1.62E-08	1.37E-07	1.39E-07	1.16E-06	1.23E-06	1.3746E-04
605441.9	4201555.3	5173.581	0.00326	0.00329	0.01597	0.01622	0.40949	0.43524	1.81E-04	1.83E-08	1.87E-08	1.46E-07	1.47E-07	1.34E-06	1.42E-06	1.8421E-04
605441.9	4201530.28	5110.58029	0.00323	0.00326	0.01565	0.01588	0.37673	0.3999	1.79E-04	1.82E-08	1.86E-08	1.43E-07	1.44E-07	1.23E-06	1.31E-06	1.8178E-04
605448.12	4201661.95	4501.48095	0.003	0.00303	0.01571	0.016	0.41161	0.43855	1.58E-04	1.69E-08	1.73E-08	1.43E-07	1.45E-07	1.35E-06	1.43E-06	1.6069E-04
605450.08	4201487.89	6404.93911	0.00347	0.0035	0.01616	0.0164	0.41026	0.43677	2.24E-04	1.95E-08	1.99E-08	1.47E-07	1.49E-07	1.34E-06	1.43E-06	2.2733E-04
605450.59	4201506.27	5756.0061	0.00335	0.00338	0.01592	0.01615	0.39992	0.42555	2.02E-04	1.88E-08	1.93E-08	1.45E-07	1.47E-07	1.31E-06	1.39E-06	2.0454E-04
605456.65	4201611.13	5873.19747	0.00338	0.00341	0.0171	0.0174	0.49801	0.53105	2.06E-04	1.90E-08	1.94E-08	1.56E-07	1.58E-07	1.63E-06	1.73E-06	2.0933E-04
605459.12	4201443.35	9660.19765	0.00394	0.00397	0.01761	0.01788	0.4455	0.47423	3.38E-04	2.22E-08	2.26E-08	1.61E-07	1.62E-07	1.46E-06	1.55E-06	3.4157E-04
605462.43	4201701.8	4067.24248	0.00284	0.00286	0.01531	0.01559	0.39407	0.42077	1.42E-04	1.60E-08	1.63E-08	1.40E-07	1.42E-07	1.29E-06	1.37E-06	1.4537E-04
605466.42	4201572.67	5859.5519	0.00337	0.0034	0.01676	0.01703	0.49393	0.52743	2.05E-04	1.90E-08	1.94E-08	1.53E-07	1.55E-07	1.62E-06	1.72E-06	2.0882E-04
605467.03	4201661.95	4912.05987	0.00307	0.00309	0.01613	0.01642	0.46477	0.49718	1.72E-04	1.73E-08	1.76E-08	1.47E-07	1.49E-07	1.52E-06	1.62E-06	1.7544E-04
605483.09	4201613.53	6367.78958	0.00342	0.00345	0.0175	0.01781	0.57034	0.61221	2.23E-04	1.92E-08	1.97E-08	1.60E-07	1.62E-07	1.87E-06	2.00E-06	2.2715E-04
605483.88	4201705.38	4392.80829	0.00289	0.0029	0.01567	0.01596	0.44836	0.48116	1.54E-04	1.63E-08	1.65E-08	1.43E-07	1.45E-07	1.47E-06	1.57E-06	1.5715E-04
605484.66	4201447.47	9986.63866	0.00395	0.00398	0.01785	0.01812	0.49981	0.53446	3.50E-04	2.22E-08	2.27E-08	1.63E-07	1.65E-07	1.63E-06	1.74E-06	3.5337E-04
605492.57	4201664	5521.39872	0.00316	0.00318	0.0167	0.01701	0.55145	0.59367	1.93E-04	1.78E-08	1.81E-08	1.52E-07	1.55E-07	1.80E-06	1.94E-06	1.9738E-04
605492.98	4201561.94	6064.40842	0.00336	0.0034	0.01681	0.01708	0.54229	0.58375	2.12E-04	1.89E-08	1.94E-08	1.53E-07	1.55E-07	1.77E-06	1.91E-06	2.1633E-04
605498.6	4201538.96	5893.93709	0.00332	0.00335	0.01647	0.01671	0.50926	0.54855	2.06E-04	1.87E-08	1.91E-08	1.50E-07	1.52E-07	1.67E-06	1.79E-06	2.1014E-04
605501.15	4201514.96	6269.11512	0.00338	0.00341	0.01649	0.01673	0.50649	0.54572	2.19E-04	1.90E-08	1.94E-08	1.50E-07	1.52E-07	1.66E-06	1.78E-06	2.2325E-04
605502.92	4201612.33	6772.75847	0.00345	0.00349	0.01778	0.01809	0.6348	0.68507	2.37E-04	1.94E-08	1.99E-08	1.62E-07	1.64E-07	2.08E-06	2.24E-06	2.4179E-04
605503.19	4201494.01	7033.89579	0.00351	0.00355	0.01676	0.01701	0.52643	0.56761	2.46E-04	1.97E-08	2.02E-08	1.53E-07	1.55E-07	1.72E-06	1.85E-06	2.5017E-04
605504.84	4201447.88	10765.31027	0.00402	0.00405	0.01829	0.01858	0.55312	0.59496	3.77E-04	2.26E-08	2.31E-08	1.67E-07	1.69E-07	1.81E-06	1.94E-06	3.8102E-04
605506.45	4201709.81	4873.11889	0.00296	0.00298	0.01616	0.01647	0.53053	0.57377	1.71E-04	1.66E-08	1.70E-08	1.47E-07	1.50E-07	1.73E-06	1.87E-06	1.7454E-04
605507.9	4201666.04	5951.33416	0.00322	0.00324	0.0171	0.01742	0.61754	0.66807	2.08E-04	1.81E-08	1.85E-08	1.56E-07	1.58E-07	2.02E-06	2.18E-06	2.1290E-04
605523.95	4201611.73	7264.28765	0.00349	0.00352	0.0181	0.01842	0.7198	0.78222	2.54E-04	1.96E-08	2.01E-08	1.65E-07	1.67E-07	2.35E-06	2.55E-06	2.5960E-04
605525.44	4201445.41	12174.28196	0.00416	0.00419	0.01899	0.01929	0.61887	0.67059	4.26E-04	2.34E-08	2.39E-08	1.73E-07	1.75E-07	2.02E-06	2.19E-06	4.3082E-04
605529.85	4201708.66	5447.70483	0.00305	0.00307	0.01673	0.01705	0.64117	0.69871	1.91E-04	1.72E-08	1.75E-08	1.53E-07	1.55E-07	2.10E-06	2.28E-06	1.9544E-04
605535.44	4201664.55	6853.62642	0.00336	0.00338	0.01794	0.01827	0.76843	0.83973	2.40E-04	1.89E-08	1.93E-08	1.64E-07	1.66E-07	2.51E-06	2.74E-06	2.4556E-04
605544.56	4201490.44	8308.53205	0.00364	0.00368	0.01752	0.01779	0.68202	0.74586	2.91E-04	2.05E-08	2.10E-08	1.60E-07	1.62E-07	2.23E-06	2.43E-06	2.9590E-04
605546.45	4201443.77	13448.31962	0.00424	0.00428	0.01949	0.0198	0.69753	0.76333	4.71E-04	2.38E-08	2.44E-08	1.78E-07	1.80E-07	2.28E-06	2.49E-06	4.7599E-04
605546.79	4201603.32	7700.65995	0.00351	0.00354	0.01826	0.01857	0.82057	0.8996	2.70E-04	1.97E-08	2.02E-08	1.67E-07	1.69E-07	2.68E-06	2.94E-06	2.7559E-04
605547.12	4201515.47	7188.72024	0.00345	0.00349	0.01711	0.01737	0.66138	0.72561	2.52E-04	1.94E-08	1.99E-08	1.56E-07	1.58E-07	2.16E-06	2.37E-06	2.5655E-04
605553.76	4201533.34	6869.81828	0.00337	0.00341	0.01706	0.01732	0.67397	0.74166	2.41E-04	1.90E-08	1.94E-08	1.56E-07	1.57E-07	2.20E-06	2.42E-06	2.4548E-04
605554.89	4201703.55	6310.89014	0.00319	0.00321	0.01754	0.01788	0.81759	0.90038	2.21E-04	1.79E-08	1.83E-08	1.60E-07	1.62E-07	2.67E-06	2.94E-06	2.2691E-04
605558.77	4201654.65	7847.95853	0.00353	0.00355	0.01887	0.01922	0.94405	1.04388	2.75E-04	1.99E-08	2.02E-08	1.72E-07	1.75E-07	3.09E-06	3.41E-06	2.8163E-04
605564.99	4201556.84	7006.54129	0.00337	0.0034	0.01734	0.01761	0.76815	0.85274	2.45E-04	1.90E-08	1.94E-08	1.58E-07	1.60E-07	2.51E-06	2.78E-06	2.5094E-04
605565.42	4201590.1	7838.35441	0.00349	0.00352	0.01816	0.01846	0.89866	0.99671	2.74E-04	1.96E-08	2.01E-08	1.66E-07	1.68E-07	2.94E-06	3.25E-06	2.8098E-04
605567.46	4201442.94	13978.53765	0.00421	0.00424	0.01945	0.01976	0.78933	0.87304	4.89E-04	2.37E-08	2.42E-08	1.77E-07	1.80E-07	2.58E-06	2.85E-06	4.9521E-04
605573.79	4201690.78	7266.16542	0.00336	0.00338	0.0184	0.01876	1.00771	1.12207	2.54E-04	1.89E-08	1.93E-08	1.68E-07	1.70E-07	3.30E-06	3.66E-06	2.6172E-04
605579.28	4201648.29	8519.37044	0.00361	0.00364	0.01938	0.01974	1.11891	1.25037	2.98E-04	2.03E-08	2.07E-08	1.77E-07	1.79E-07	3.66E-06	4.08E-06	3.0639E-04
605581.34	4201577.78	7812.88516	0.00345	0.00349	0.01801	0.01831	0.96662	1.08678	2.74E-04	1.94E-08	1.99E-08	1.64E-07	1.66E-07	3.16E-06	3.55E-06	2.8060E-04
605585.21	4201494.54	9320.894	0.00368	0.00371	0.01804	0.01832	0.90019	1.00458	3.26E-04	2.07E-08	2.11E-08	1.65E-07	1.66E-07	2.94E-06	3.28E-06	3.3291E-04
605590.11	4201443.35	14683.35874	0.00419	0.00423	0.01952	0.01983	0.91799	1.02813	5.14E-04	2.36E-08	2.41E-08	1.78E-07	1.80E-07	3.00E-06	3.36E-06	5.2081E-04
605590.91	4201684.04	8034.20663	0.00349	0.00351	0.01912	0.01949	1.21218	1.36759	2.81E-04	1.96E-08	2.00E-08	1.74E-07	1.77E-07	3.96E-06	4.46E-06	2.9009E-04
605596.96	4201631.32	9031.16428	0.00363	0.00365	0.01944	0.01979	1.27921	1.44521	3.16E-04	2.04E-08	2.08E-08	1.77E-07	1.80E-07	4.18E-06	4.72E-06	3.2547E-04
605608.24	4201447.88	15148.64238	0.00418	0.00421	0.01966	0.01997	1.06526	1.20922	5.30E-04	2.35E-08	2.40E-08	1.79E-07	1.81E-07	3.48E-06	3.95E-06	5.3818E-04
605612.32	4201491.81	11108.61223	0.00381	0.00385	0.01877	0.01907	1.1653	1.3278	3.89E-04	2.14E-08	2.19E-08	1.71E-07	1.73E-07	3.81E-06	4.33E-06	3.9743E-04
605612.51	4201618.59	9285.90444	0.00361	0.00363	0.01932	0.01967	1.42989	1.64029	3.25E-04	2.03E-08	2.07E-08	1.76E-07	1.79E-07	4.68E-06	5.35E-06	3.3552E-04
605617.05	4201550.42	8558.08145	0.00347	0.00351	0.01814	0.01843	1.21236	1.41825	3.00E-04	1.95E-08	2.00E-08	1.65E-07	1.67E-07	3.96E-06	4.63E-06	3.0858E-04
605617.31	4201676.04	9105.54793	0.00364	0.00366	0.02003	0.02042	1.62307	1.87869	3.19E-04	2.05E-08	2.09E-08	1.83E-07	1.85E-07	5.31E-06	6.13E-06	3.3063E-04
605622.85	4201440.76	17463.47842	0.00428	0.00432	0.02013	0.02045	1.2018	1.38553	6.11E-04	2.41E-08	2.46E-08	1.84E-07	1.86E-07	3.93E-06	4.52E-06	6.2025E-04
605629.67	4201535.39	9520.60383	0.00357	0.0036	0.01846	0.01875	1.41846	1.68116	3.33E-04	2.01E-08	2.05E-08	1.68E-07	1.70E-07	4.64E-06	5.49E-06	3.4381E-04
605633.16	4201493.26	13025.49014	0.00394	0.00398	0.01949	0.01981	1.47909	1.72639	4.56E-04	2.22E-08	2.27E-08	1.78E-07	1.80E-07	4.84E-06	5.64E-06	4.6689E-04
605646.71	4201591.06	9605.20103	0.00355	0.00358	0.01907	0.0194	1.95227	2.40481	3.36E-04	2.00E-08	2.04E-08	1.74E-07	1.76E-07	6.38E-06	7.85E-06	3.5089E-04
605651.9	4201523.98	11421.94112	0.00372	0.00376	0.01912	0.01943	1.93411	2.37027	4.00E-04	2.09E-08	2.14E-08	1.74E-07	1.77E-07	6.33E-06	7.74E-06	4.1433E-04
605652.06	4201496.17	14682.02474	0.00402	0.00406	0.02002	0.02035	1.8879	2.29038	5.14E-04	2.26E-08	2.31E-08	1.83E-07	1.85E-07	6.17E-06	7.48E-06	5.2807E-04
605652.36	4201436.02	22940.17161	0.00448	0.00452	0.02116	0.0215	1.68445	2.0419	8.03E-04	2.52E-08	2.58E-08	1.93E-07	1.95E-07	5.51E-06	6.66E-06	8.1573E-04
605663.57	4201579.82	9933.13187	0.00353	0.00356	0.01906	0.01938	2.43715	3.19403	3.48E-04	1.99E-08	2.03E-08	1.74E-07	1.76E-07	7.97E-06	1.04E-05	3.6654E-04
605664.73	4201615.37	10710.47865	0.00364	0.00366	0.01985	0.0202	2.68445	3.45147	3.75E-04	2.05E-08	2.09E-08	1.81E-07	1.83E-07	8.78E-06	1.13E-05	3.9541E-04
605666.66	4201657.64	11123.63362	0.00378	0.0038	0.02091	0.02131	3.17061	4.01848	3.89E-04	2.13E-08	2.17E-08	1.91E-07	1.94E-07	1.04E-05	1.31E-05	4.1334E-04
605667.86	4201640.21	11052.62906	0.0037	0.00373	0.02042	0.02079	2.99333	3.82715	3.87E-04	2.08E-08	2.13E-08	1.86E-07	1.89E-07	9.79E-06	1.25E-05	4.0964E-04
605676.3	4201482.12	20597.55941	0.00431	0.00435	0.02132	0.02168	2.76897	3.67461	7.21E-04	2.42E-08	2.48E-08	1.94E-07	1.97E-07	9.06E-06	1.20E-05	7.4259E-04
605679.28	4201449.87	28659.49479	0.00461	0.00465	0.02219	0.02255	2.82984	3.89843	1.00E-03	2.59E-08	2.65E-08	2.02E-07	2.05E-07	9.25E-06	1.27E-05	1.0258E-03
605679.91	4201566.03	10750.68362	0.00356	0.00359	0.01919	0.01951	3.23701	4.62777	3.76E-04	2.00E-08	2.05E-08	1.75E-07	1.77E-07	1.06E-05	1.51E-05	4.0246E-04
605680.74	4201532.99	12574.34592	0.00372	0.00376	0.01949	0.01981	3.2316	4.40097	4.40E-04	2.09E-08	2.14E-08	1.78E-07	1.80E-07	1.06E-05	1.44E-05	4.6555E-04
605752.64	4201613.91	16363.69348	0.0038	0.00383	0.02139	0.02178	11.76428	8.42503	5.73E-04	2.14E-08	2.18E-08	1.95E-07	1.98E-07	3.85E-05	2.75E-05	6.3929E-04
605753.43	4201572.13	16838.67244	0.0037	0.00373	0.02058	0.02094	12.93553	8.86091	5.90E-04	2.08E-08	2.13E-08	1.88E-07	1.90E-07	4.23E-05	2.89E-05	6.6115E-04
605753.43	4201592.62	16375.13105	0.00373	0.00376	0.02088	0.02125	12.07983	8.49809	5.73E-04	2.10E-08	2.14E-08	1.90E-07	1.93E-07	3.95E-05	2.77E-05	6.4095E-04
605755.8	4201636.77	17140.80932	0.004	0.00403	0.02258	0.02301	10.56552	7.82454	6.00E-04	2.25E-08	2.30E-08	2.06E-07	2.09E-07	3.46E-05	2.55E-05	6.6064E-04
605756.59	4201550.06	19510.39119	0.00379	0.00383	0.02075	0.02111	11.53113	8.11245	6.83E-04	2.13E-08	2.18E-08	1.89E-07	1.92E-07	3.77E-05	2.65E-05	7.4765E-04
605756.59	4201659.63	16697.67452	0.00412	0.00414	0.02342	0.02387	10.35379	7.74226	5.85E-04	2.32E-08	2.36E-08	2.14E-07	2.17E-07	3.39E-05	2.53E-05	6.4418E-04
605757.37	4201681.7	15607.37765	0.0041	0.00412	0.02348	0.02394	10.47509	7.80918	5.46E-04	2.31E-08	2.35E-08	2.14E-07	2.17E-07	3.43E-05	2.55E-05	6.0662E-04
605758.95	4201524.04	26774.64158	0.00407	0.00411	0.02159	0.02196	10.36621	7.5477	9.37E-04	2.29E-08	2.34E-08	1.97E-07	1.99E-07	3.39E-05	2.46E-05	9.9633E-04
605760.53	4201505.91	35736.18899	0.00433	0.00438	0.02251	0.0229	10.14541	7.32523	1.25E-03	2.44E-08	2.50E-08	2.05E-07	2.08E-07	3.32E-05	2.39E-05	1.3086E-03
605762.1	4201482.26	54692.24369	0.00469	0.00474	0.02382	0.02422	10.4249	7.18683	1.91E-03	2.64E-08	2.70E-08	2.17E-07	2.20E-07	3.41E-05	2.35E-05	1.9728E-03
605764.55	4201731.52	13356.96758	0.00383	0.00384	0.02249	0.02295	9.20636	7.04557	4.68E-04	2.15E-08	2.19E-08	2.05E-07	2.08E-07	3.01E-05	2.30E-05	5.2118E-04
605767.62	4201463.35	77062.5535	0.00483	0.00488	0.02416	0.02456	9.30022	6.41748	2.70E-03	2.72E-08	2.78E-08	2.20E-07	2.23E-07	3.04E-05	2.09E-05	2.7497E-03
605767.9	4201752.3	12367.30885	0.00372	0.00373	0.02204	0.0225	8.3951	6.48025	4.33E-04	2.09E-08	2.13E-08	2.01E-07	2.04E-07	2.75E-05	2.12E-05	4.8202E-04
605767.9	4201771.74	11564.53018	0.00363	0.00364	0.02165	0.02211	8.25958	6.35622	4.05E-04	2.04E-08	2.07E-08	1.97E-07	2.01E-07	2.70E-05	2.07E-05	4.5306E-04
605768.57	4201808.61	10633.61909	0.00358	0.00359	0.02143	0.0219	7.95668	6.17949	3.72E-04	2.01E-08	2.05E-08	1.95E-07	1.99E-07	2.60E-05	2.02E-05	4.1890E-04
605774.72	4201432.6	124913.9484	0.00479	0.00484	0.0234	0.02377	6.19072	4.78215	4.37E-03	2.69E-08	2.76E-08	2.13E-07	2.16E-07	2.02E-05	1.56E-05	4.4095E-03
605796.06	4201826.04	11262.90384	0.00372	0.00372	0.02228	0.02279	5.03138	4.18473	3.94E-04	2.09E-08	2.12E-08	2.03E-07	2.07E-07	1.65E-05	1.37E-05	4.2487E-04
605803.82	4201672.8	19179.22228	0.00429	0.00431	0.02478	0.02528	4.36327	3.75085	6.71E-04	2.41E-08	2.46E-08	2.26E-07	2.30E-07	1.43E-05	1.22E-05	6.9846E-04
605804.38	4201419.48	140041.556	0.0047	0.00475	0.02296	0.02329	2.56423	2.3345	4.90E-03	2.64E-08	2.71E-08	2.09E-07	2.12E-07	8.39E-06	7.62E-06	4.9192E-03
605804.49	4201580.95	27490.6377	0.00423	0.00426	0.0235	0.02394	4.16306	3.56917	9.62E-04	2.38E-08	2.43E-08	2.14E-07	2.17E-07	1.36E-05	1.16E-05	9.8817E-04
605810.53	4201617.83	25171.45295	0.00441	0.00443	0.02491	0.02539	3.85222	3.33582	8.81E-04	2.48E-08	2.52E-08	2.27E-07	2.31E-07	1.26E-05	1.09E-05	9.0522E-04
605814.67	4201508.36	54333.93446	0.00474	0.00479	0.02496	0.02539	3.50243	2.99254	1.90E-03	2.67E-08	2.73E-08	2.28E-07	2.31E-07	1.15E-05	9.77E-06	1.9239E-03
605814.67	4201534.29	40761.3503	0.0045	0.00454	0.02423	0.02466	3.57673	3.08338	1.43E-03	2.53E-08	2.59E-08	2.21E-07	2.24E-07	1.17E-05	1.01E-05	1.4493E-03
605816.17	4201744.25	14371.74295	0.00378	0.00379	0.02272	0.02319	3.94792	3.42376	5.03E-04	2.13E-08	2.16E-08	2.07E-07	2.11E-07	1.29E-05	1.12E-05	5.2769E-04
605819.2	4201487.79	67543.53722	0.00479	0.00484	0.02486	0.02527	3.27199	2.79157	2.36E-03	2.69E-08	2.76E-08	2.27E-07	2.30E-07	1.07E-05	9.11E-06	2.3850E-03
605820.86	4201722.13	16116.31706	0.00393	0.00394	0.0234	0.02388	3.80206	3.30911	5.64E-04	2.21E-08	2.24E-08	2.13E-07	2.17E-07	1.24E-05	1.08E-05	5.8793E-04
605820.86	4201768.39	12733.24664	0.00359	0.0036	0.02196	0.02241	3.5997	3.14885	4.46E-04	2.02E-08	2.05E-08	2.00E-07	2.04E-07	1.18E-05	1.03E-05	4.6827E-04
605823.31	4201467.62	81240.79803	0.00478	0.00483	0.02441	0.02479	3.01079	2.5698	2.84E-03	2.69E-08	2.75E-08	2.23E-07	2.25E-07	9.85E-06	8.39E-06	2.8629E-03
605826.19	4201439.64	105741.9575	0.00474	0.00479	0.0237	0.02405	2.49568	2.19111	3.70E-03	2.67E-08	2.73E-08	2.16E-07	2.18E-07	8.16E-06	7.15E-06	3.7177E-03
605827.96	4201666.77	21399.31005	0.0044	0.00442	0.02551	0.02602	3.27161	2.8942	7.49E-04	2.47E-08	2.52E-08	2.33E-07	2.36E-07	1.07E-05	9.45E-06	7.6984E-04
605829.3	4201579.61	33119.57281	0.00452	0.00456	0.02518	0.02565	3.05814	2.69954	1.16E-03	2.54E-08	2.60E-08	2.30E-07	2.33E-07	1.00E-05	8.81E-06	1.1788E-03
605830.25	4201806.6	12357.62176	0.00368	0.00368	0.02242	0.02291	3.30489	2.89517	4.33E-04	2.07E-08	2.10E-08	2.05E-07	2.08E-07	1.08E-05	9.45E-06	4.5334E-04
605842.32	4201838.78	12437.82694	0.00389	0.00389	0.02346	0.024	2.97206	2.62222	4.35E-04	2.19E-08	2.22E-08	2.14E-07	2.18E-07	9.72E-06	8.56E-06	4.5419E-04
605846.73	4201613.8	29061.90651	0.00468	0.00471	0.02657	0.02708	2.5719	2.31159	1.02E-03	2.63E-08	2.68E-08	2.42E-07	2.46E-07	8.41E-06	7.55E-06	1.0339E-03
605847.01	4201720.79	17268.72686	0.00393	0.00394	0.02365	0.02415	2.90104	2.58915	6.05E-04	2.21E-08	2.24E-08	2.16E-07	2.19E-07	9.49E-06	8.45E-06	6.2298E-04
605848.35	4201757.66	14073.31774	0.00364	0.00365	0.02245	0.02292	2.74626	2.46354	4.93E-04	2.05E-08	2.08E-08	2.05E-07	2.08E-07	8.98E-06	8.04E-06	5.1017E-04
605850.75	4201582.29	35516.55562	0.0047	0.00473	0.02632	0.02681	2.44691	2.20224	1.24E-03	2.64E-08	2.69E-08	2.40E-07	2.44E-07	8.00E-06	7.19E-06	1.2591E-03
605851.42	4201667.44	23216.40565	0.00441	0.00442	0.02577	0.02629	2.65332	2.38701	8.13E-04	2.48E-08	2.52E-08	2.35E-07	2.39E-07	8.68E-06	7.79E-06	8.2978E-04

605854.59	4201515.36	56068.00634	0.00478	0.00482	0.02561	0.02605	2.25375	2.0207	1.96E-03	2.69E-08	2.75E-08	2.34E-07	2.37E-07	7.37E-06	6.60E-06	1.9774E-03
605854.59	4201537.17	48572.80213	0.0048	0.00484	0.02611	0.02657	2.28515	2.05595	1.70E-03	2.70E-08	2.76E-08	2.38E-07	2.41E-07	7.47E-06	6.71E-06	1.7152E-03
605857.05	4201470.09	73210.3397	0.00466	0.00471	0.02419	0.02456	2.00573	1.7981	2.56E-03	2.62E-08	2.68E-08	2.21E-07	2.23E-07	6.56E-06	5.87E-06	2.5760E-03
605857.05	4201491.49	64114.18919	0.0047	0.00475	0.02482	0.02522	2.13375	1.91033	2.24E-03	2.64E-08	2.71E-08	2.26E-07	2.29E-07	6.98E-06	6.24E-06	2.2583E-03
605860.35	4201439.64	89880.78853	0.00465	0.0047	0.02358	0.02391	1.64677	1.50952	3.15E-03	2.62E-08	2.68E-08	2.15E-07	2.17E-07	5.39E-06	4.93E-06	3.1574E-03
605865.78	4201716.1	18483.61421	0.00397	0.00398	0.02399	0.0245	2.4601	2.22253	6.47E-04	2.23E-08	2.27E-08	2.19E-07	2.23E-07	8.05E-06	7.25E-06	6.6288E-04
605870.86	4201658.05	25735.25166	0.0045	0.00452	0.02636	0.0269	2.23819	2.03702	9.01E-04	2.53E-08	2.58E-08	2.40E-07	2.44E-07	7.32E-06	6.65E-06	9.1547E-04
605872.48	4201754.31	15223.63122	0.0037	0.00371	0.02295	0.02343	2.25384	2.04806	5.33E-04	2.08E-08	2.11E-08	2.09E-07	2.13E-07	7.37E-06	6.68E-06	5.4749E-04
605873.15	4201846.82	13367.18368	0.00403	0.00403	0.02435	0.02491	2.28207	2.04993	4.68E-04	2.27E-08	2.30E-08	2.22E-07	2.26E-07	7.46E-06	6.69E-06	4.8262E-04
605875.56	4201623.19	30125.4419	0.00482	0.00485	0.02767	0.02821	2.02202	1.85054	1.05E-03	2.71E-08	2.76E-08	2.52E-07	2.56E-07	6.61E-06	6.04E-06	1.0679E-03
605888.57	4201714.09	19737.09985	0.004	0.00401	0.02438	0.02489	2.05682	1.87886	6.91E-04	2.25E-08	2.28E-08	2.22E-07	2.26E-07	6.73E-06	6.13E-06	7.0433E-04
605889.24	4201803.25	14429.46468	0.00381	0.00381	0.02356	0.02408	1.99887	1.81975	5.05E-04	2.14E-08	2.17E-08	2.15E-07	2.19E-07	6.54E-06	5.94E-06	5.1812E-04
605889.63	4201654.7	27721.84136	0.00453	0.00455	0.02667	0.02721	1.94851	1.78789	9.71E-04	2.55E-08	2.59E-08	2.43E-07	2.47E-07	6.37E-06	5.84E-06	9.8327E-04
605892.86	4201424.83	91351.35308	0.00463	0.00468	0.02348	0.02379	1.10317	1.0466	3.20E-03	2.60E-08	2.67E-08	2.14E-07	2.16E-07	3.61E-06	3.42E-06	3.2056E-03
605893.94	4201834.09	14299.86336	0.00405	0.00405	0.02463	0.0252	1.96195	1.78018	5.01E-04	2.28E-08	2.31E-08	2.25E-07	2.29E-07	6.42E-06	5.81E-06	5.1335E-04
605895.28	4201750.29	16518.94967	0.00377	0.00378	0.02351	0.024	1.91468	1.75516	5.78E-04	2.12E-08	2.15E-08	2.14E-07	2.18E-07	6.26E-06	5.73E-06	5.9078E-04
605904.79	4201542.52	48710.11094	0.00464	0.00467	0.02586	0.0263	1.58176	1.45863	1.71E-03	2.61E-08	2.66E-08	2.36E-07	2.39E-07	5.17E-06	4.76E-06	1.7158E-03
605905.72	4201609.78	35144.92844	0.00501	0.00503	0.02872	0.02926	1.60687	1.48945	1.23E-03	2.82E-08	2.87E-08	2.62E-07	2.66E-07	5.25E-06	4.86E-06	1.2411E-03
605907.73	4201585.65	40699.56396	0.00501	0.00504	0.02845	0.02897	1.56085	1.44756	1.42E-03	2.82E-08	2.87E-08	2.60E-07	2.63E-07	5.10E-06	4.72E-06	1.4353E-03
605908.49	4201515.36	54526.21025	0.00457	0.00461	0.02511	0.02551	1.45485	1.34425	1.91E-03	2.57E-08	2.63E-08	2.29E-07	2.32E-07	4.76E-06	4.39E-06	1.9186E-03
605910.7	4201707.38	21670.26802	0.00409	0.0041	0.025	0.02554	1.75939	1.62068	7.59E-04	2.30E-08	2.34E-08	2.28E-07	2.32E-07	5.75E-06	5.29E-06	7.7021E-04
605911.09	4201656.04	28943.68689	0.00451	0.00452	0.02675	0.02729	1.69953	1.56877	1.01E-03	2.54E-08	2.58E-08	2.44E-07	2.48E-07	5.56E-06	5.12E-06	1.0245E-03
605913.84	4201470.5	63286.06448	0.00444	0.00449	0.02384	0.02416	1.17671	1.10077	2.22E-03	2.50E-08	2.56E-08	2.17E-07	2.19E-07	3.85E-06	3.59E-06	2.2235E-03
605915.08	4201442.93	76981.20609	0.00454	0.0046	0.02371	0.02402	1.03427	0.97839	2.70E-03	2.55E-08	2.62E-08	2.16E-07	2.18E-07	3.38E-06	3.19E-06	2.7021E-03
605915.39	4201747.61	17783.34177	0.00385	0.00386	0.02407	0.02459	1.68076	1.55016	6.23E-04	2.17E-08	2.20E-08	2.20E-07	2.23E-07	5.50E-06	5.06E-06	6.3362E-04
605915.9	4201491.49	59611.72986	0.0045	0.00455	0.02448	0.02484	1.2774	1.1882	2.09E-03	2.53E-08	2.59E-08	2.23E-07	2.26E-07	4.18E-06	3.88E-06	2.0955E-03
605926.78	4201793.19	15485.88474	0.00378	0.00379	0.02388	0.0244	1.51977	1.40368	5.42E-04	2.13E-08	2.16E-08	2.18E-07	2.22E-07	4.97E-06	4.58E-06	5.5218E-04
605928.13	4201818.67	15600.51261	0.004	0.004	0.02474	0.0253	1.54712	1.42283	5.46E-04	2.25E-08	2.28E-08	2.26E-07	2.30E-07	5.06E-06	4.64E-06	5.5636E-04
605933.21	4201650.01	32005.43138	0.00465	0.00466	0.02762	0.02818	1.46169	1.3603	1.12E-03	2.62E-08	2.66E-08	2.52E-07	2.56E-07	4.78E-06	4.44E-06	1.1303E-03
605933.49	4201706.71	23205.4333	0.00417	0.00418	0.0256	0.02615	1.51923	1.4092	8.12E-04	2.35E-08	2.38E-08	2.34E-07	2.38E-07	4.97E-06	4.60E-06	8.2249E-04
605935.89	4201593.02	42037.92458	0.00515	0.00517	0.02949	0.03003	1.31191	1.22774	1.47E-03	2.90E-08	2.95E-08	2.69E-07	2.73E-07	4.29E-06	4.01E-06	1.4806E-03
605941.53	4201742.91	19876.64611	0.004	0.00401	0.025	0.02554	1.44317	1.33931	6.96E-04	2.25E-08	2.28E-08	2.28E-07	2.32E-07	4.72E-06	4.37E-06	7.0546E-04
605949.23	4201544.16	54306.07523	0.00475	0.00479	0.02681	0.02726	1.18693	1.11172	1.90E-03	2.67E-08	2.73E-08	2.45E-07	2.48E-07	3.88E-06	3.63E-06	1.9093E-03
605949.58	4201844.81	15786.40475	0.00423	0.00422	0.02589	0.0265	1.35449	1.24629	5.53E-04	2.38E-08	2.40E-08	2.36E-07	2.41E-07	4.43E-06	4.07E-06	5.6169E-04
605950.05	4201518.65	59151.62815	0.00465	0.00469	0.02591	0.02631	1.11449	1.04629	2.07E-03	2.62E-08	2.67E-08	2.36E-07	2.39E-07	3.64E-06	3.42E-06	2.0784E-03
605951.7	4201477.5	68506.65513	0.00456	0.00461	0.02479	0.02513	0.9625	0.91028	2.40E-03	2.56E-08	2.63E-08	2.26E-07	2.28E-07	3.15E-06	2.97E-06	2.4050E-03
605954.66	4201647.32	34640.14465	0.00477	0.00479	0.02845	0.02902	1.28233	1.2002	1.21E-03	2.68E-08	2.73E-08	2.60E-07	2.64E-07	4.19E-06	3.92E-06	1.2214E-03
605954.99	4201496.02	65113.08208	0.00462	0.00466	0.02538	0.02575	1.01209	0.95455	2.28E-03	2.60E-08	2.66E-08	2.31E-07	2.34E-07	3.31E-06	3.12E-06	2.2865E-03
605956.28	4201701.35	25718.39131	0.00433	0.00433	0.02656	0.02712	1.32704	1.23763	9.00E-04	2.44E-08	2.47E-08	2.42E-07	2.46E-07	4.34E-06	4.04E-06	9.0929E-04
605957.05	4201448.69	92201.78838	0.00484	0.00489	0.02527	0.02561	0.86033	0.81929	3.23E-03	2.72E-08	2.79E-08	2.30E-07	2.33E-07	2.81E-06	2.67E-06	3.2339E-03
605963.66	4201742.24	21620.50882	0.00415	0.00415	0.02588	0.02645	1.27881	1.19203	7.57E-04	2.33E-08	2.36E-08	2.36E-07	2.40E-07	4.18E-06	3.89E-06	7.6551E-04
605964.05	4201596.37	44629.13867	0.00529	0.00531	0.03049	0.03103	1.12011	1.0555	1.56E-03	2.98E-08	3.03E-08	2.78E-07	2.82E-07	3.66E-06	3.45E-06	1.5702E-03
605972.76	4201645.31	36689.13259	0.00492	0.00494	0.02936	0.02994	1.15355	1.0844	1.28E-03	2.77E-08	2.81E-08	2.68E-07	2.72E-07	3.77E-06	3.54E-06	1.2924E-03
605977.73	4201697.33	28286.53542	0.0045	0.00451	0.02761	0.02819	1.1773	1.10318	9.90E-04	2.53E-08	2.57E-08	2.52E-07	2.56E-07	3.85E-06	3.60E-06	9.9830E-04
605978.4	4201840.12	16726.0161	0.00424	0.00424	0.02621	0.02683	1.14302	1.05828	5.86E-04	2.38E-08	2.42E-08	2.39E-07	2.44E-07	3.74E-06	3.45E-06	5.9329E-04
605984.21	4201435.94	140994.1297	0.00522	0.00528	0.02672	0.02709	0.72489	0.69732	4.94E-03	2.94E-08	3.01E-08	2.44E-07	2.46E-07	2.37E-06	2.28E-06	4.9413E-03
605984.44	4201737.55	23914.73108	0.00434	0.00435	0.02698	0.02758	1.14815	1.07435	8.37E-04	2.44E-08	2.48E-08	2.46E-07	2.51E-07	3.75E-06	3.51E-06	8.4504E-04
605986.17	4201587.66	50348.99591	0.00536	0.00539	0.03091	0.03145	0.99224	0.93918	1.76E-03	3.01E-08	3.07E-08	2.82E-07	2.86E-07	3.24E-06	3.07E-06	1.7696E-03
605990.47	4201806.6	17555.29989	0.00401	0.00401	0.02551	0.02609	1.06061	0.98901	6.15E-04	2.26E-08	2.28E-08	2.33E-07	2.37E-07	3.47E-06	3.23E-06	6.2181E-04
605993.15	4201787.83	18844.26177	0.00405	0.00404	0.02573	0.02631	1.06047	0.9906	6.60E-04	2.28E-08	2.30E-08	2.35E-07	2.39E-07	3.47E-06	3.23E-06	6.6694E-04
605998.91	4201636.6	40640.89822	0.00522	0.00524	0.03104	0.03162	0.98949	0.93558	1.42E-03	2.94E-08	2.99E-08	2.83E-07	2.87E-07	3.24E-06	3.05E-06	1.4297E-03
605999.86	4201691.29	31663.43787	0.00472	0.00473	0.02887	0.02947	1.04549	0.98383	1.11E-03	2.65E-08	2.69E-08	2.63E-07	2.68E-07	3.42E-06	3.21E-06	1.1157E-03
606001.9	4201540.87	68182.15685	0.00503	0.00507	0.02848	0.02894	0.88255	0.83768	2.39E-03	2.83E-08	2.89E-08	2.60E-07	2.63E-07	2.89E-06	2.73E-06	2.3932E-03
606004.78	4201518.24	76931.88596	0.00497	0.00501	0.02776	0.02819	0.83374	0.79336	2.69E-03	2.80E-08	2.85E-08	2.53E-07	2.56E-07	2.73E-06	2.59E-06	2.6992E-03
606005.22	4201734.87	25719.00079	0.00447	0.00448	0.0278	0.02841	1.03394	0.97104	9.00E-04	2.51E-08	2.55E-08	2.54E-07	2.58E-07	3.38E-06	3.17E-06	9.0751E-04
606005.3	4201499.08	87633.15139	0.00501	0.00505	0.02749	0.02791	0.79507	0.75846	3.07E-03	2.82E-08	2.88E-08	2.51E-07	2.54E-07	2.60E-06	2.48E-06	3.0736E-03
606006.95	4201591.01	52470.20175	0.00548	0.0055	0.03169	0.03224	0.89788	0.85292	1.84E-03	3.08E-08	3.13E-08	2.89E-07	2.93E-07	2.94E-06	2.78E-06	1.8433E-03
606009.49	4201477.75	107429.0609	0.00512	0.00517	0.0275	0.0279	0.73739	0.70636	3.76E-03	2.88E-08	2.95E-08	2.51E-07	2.53E-07	2.41E-06	2.31E-06	3.7663E-03
606012.6	4201448.69	151822.3997	0.00529	0.00535	0.02757	0.02796	0.66645	0.64216	5.32E-03	2.98E-08	3.05E-08	2.51E-07	2.54E-07	2.18E-06	2.10E-06	5.3200E-03
606018.35	4201631.9	44085.96999	0.0053	0.00532	0.03151	0.0321	0.89953	0.85303	1.54E-03	2.98E-08	3.03E-08	2.87E-07	2.92E-07	2.94E-06	2.78E-06	1.5498E-03
606026	4201688.61	34444.7731	0.00486	0.00487	0.02977	0.03038	0.92	0.86908	1.21E-03	2.73E-08	2.77E-08	2.72E-07	2.76E-07	3.01E-06	2.84E-06	1.2123E-03
606028.01	4201804.59	19116.91642	0.00413	0.00413	0.02649	0.0271	0.87796	0.82253	6.69E-04	2.32E-08	2.35E-08	2.42E-07	2.46E-07	2.87E-06	2.68E-06	6.7536E-04
606028.68	4201785.15	20726.11712	0.00419	0.00419	0.02678	0.02739	0.89196	0.83683	7.26E-04	2.36E-08	2.39E-08	2.44E-07	2.49E-07	2.92E-06	2.73E-06	7.3179E-04
606029.35	4201731.52	27205.38403	0.00451	0.00451	0.0282	0.02881	0.91819	0.86486	9.52E-04	2.54E-08	2.57E-08	2.57E-07	2.62E-07	3.00E-06	2.82E-06	9.5883E-04
606029.75	4201589.67	56756.2804	0.00558	0.00561	0.03233	0.03288	0.8078	0.76987	1.99E-03	3.14E-08	3.20E-08	2.95E-07	2.99E-07	2.64E-06	2.51E-06	1.9928E-03
606037.79	4201634.59	46290.0277	0.00529	0.00531	0.0316	0.03219	0.82975	0.78844	1.62E-03	2.98E-08	3.03E-08	2.88E-07	2.92E-07	2.71E-06	2.57E-06	1.6265E-03
606042.76	4201830.73	19163.25684	0.00437	0.00436	0.02753	0.02819	0.81922	0.76595	6.71E-04	2.46E-08	2.48E-08	2.51E-07	2.56E-07	2.68E-06	2.50E-06	6.7662E-04
606048.12	4201685.26	35785.17248	0.00481	0.00482	0.02964	0.03023	0.83165	0.78766	1.25E-03	2.71E-08	2.75E-08	2.70E-07	2.75E-07	2.72E-06	2.57E-06	1.2587E-03
606053.21	4201593.02	59732.59112	0.00568	0.0057	0.03299	0.03355	0.73353	0.70085	2.09E-03	3.19E-08	3.25E-08	3.01E-07	3.05E-07	2.40E-06	2.29E-06	2.0965E-03
606054.16	4201725.48	29141.72226	0.00456	0.00456	0.02867	0.02928	0.81735	0.7724	1.02E-03	2.56E-08	2.60E-08	2.62E-07	2.66E-07	2.67E-06	2.52E-06	1.0260E-03
606054.96	4201471.1	152051.8295	0.00549	0.00554	0.02931	0.02974	0.59686	0.57649	5.32E-03	3.09E-08	3.16E-08	2.67E-07	2.70E-07	1.95E-06	1.88E-06	5.3276E-03
606057.41	4201447.66	210626.3673	0.00566	0.00572	0.02942	0.02984	0.55367	0.53732	7.37E-03	3.18E-08	3.26E-08	2.68E-07	2.71E-07	1.81E-06	1.75E-06	7.3780E-03
606057.76	4201494.89	127962.7816	0.0056	0.00565	0.03045	0.03091	0.62295	0.59996	4.48E-03	3.15E-08	3.22E-08	2.78E-07	2.81E-07	2.04E-06	1.96E-06	4.4845E-03
606058.46	4201539.31	88531.19112	0.00569	0.00572	0.03195	0.03247	0.67057	0.64342	3.10E-03	3.20E-08	3.26E-08	2.91E-07	2.95E-07	2.19E-06	2.10E-06	3.1043E-03
606059.25	4201628.55	50584.5383	0.00543	0.00545	0.03235	0.03293	0.75065	0.7153	1.77E-03	3.05E-08	3.11E-08	2.95E-07	2.99E-07	2.45E-06	2.33E-06	1.7764E-03
606061.96	4201516.57	108805.4355	0.00564	0.00568	0.03121	0.0317	0.63817	0.61364	3.81E-03	3.17E-08	3.24E-08	2.85E-07	2.88E-07	2.09E-06	2.00E-06	3.8139E-03
606070.25	4201675.21	40228.52548	0.00496	0.00496	0.03042	0.03101	0.75072	0.71319	1.41E-03	2.79E-08	2.83E-08	2.77E-07	2.82E-07	2.46E-06	2.33E-06	1.4138E-03
606074.67	4201584.98	66319.89377	0.00585	0.00588	0.03381	0.03437	0.66348	0.63574	2.32E-03	3.29E-08	3.35E-08	3.08E-07	3.12E-07	2.17E-06	2.08E-06	2.3267E-03
606077.62	4201831.4	20407.48623	0.00449	0.00448	0.02851	0.0292	0.69537	0.65237	7.14E-04	2.53E-08	2.55E-08	2.60E-07	2.65E-07	2.27E-06	2.13E-06	7.1943E-04
606078.96	4201722.8	31115.88774	0.00465	0.00465	0.02934	0.02995	0.73304	0.69447	1.09E-03	2.62E-08	2.65E-08	2.68E-07	2.72E-07	2.40E-06	2.27E-06	1.0946E-03
606082.04	4201624.53	54615.98272	0.00562	0.00563	0.03335	0.03394	0.67874	0.64848	1.91E-03	3.16E-08	3.21E-08	3.04E-07	3.08E-07	2.22E-06	2.12E-06	1.9171E-03
606083.3	4201427.03	352480.5488	0.00608	0.00614	0.03084	0.03127	0.47242	0.4614	1.23E-02	3.42E-08	3.50E-08	2.81E-07	2.84E-07	1.54E-06	1.51E-06	1.2344E-02
606085.67	4201779.79	24083.4708	0.00443	0.00443	0.0286	0.02924	0.69261	0.65358	8.43E-04	2.49E-08	2.52E-08	2.61E-07	2.66E-07	2.27E-06	2.13E-06	8.4812E-04
606090.36	4201797.89	22578.02489	0.00441	0.0044	0.02853	0.02919	0.6679	0.62961	7.90E-04	2.48E-08	2.51E-08	2.60E-07	2.65E-07	2.18E-06	2.06E-06	7.9525E-04
606095.72	4201675.21	43046.89854	0.00513	0.00513	0.0314	0.03199	0.67543	0.64308	1.51E-03	2.89E-08	2.92E-08	2.86E-07	2.91E-07	2.21E-06	2.10E-06	1.5120E-03
606099.47	4201581.62	71817.15811	0.00606	0.00609	0.03484	0.0354	0.5984	0.57484	2.51E-03	3.41E-08	3.47E-08	3.18E-07	3.22E-07	1.96E-06	1.88E-06	2.5188E-03
606101.76	4201726.82	32236.44824	0.00475	0.00475	0.03002	0.03063	0.6668	0.63265	1.13E-03	2.67E-08	2.71E-08	2.74E-07	2.78E-07	2.18E-06	2.06E-06	1.1334E-03
606102.82	4201623.19	57467.33381	0.00583	0.00584	0.03447	0.03507	0.6223	0.59573	2.01E-03	3.28E-08	3.33E-08	3.14E-07	3.19E-07	2.04E-06	1.94E-06	2.0166E-03
606107.43	4201441.37	283229.8569	0.00604	0.0061	0.03123	0.03167	0.45479	0.44346	9.92E-03	3.40E-08	3.48E-08	2.85E-07	2.88E-07	1.49E-06	1.45E-06	9.9192E-03
606108.13	4201514.12	123588.6107	0.00572	0.00576	0.03177	0.03226	0.53396	0.5157	4.33E-03	3.22E-08	3.28E-08	2.90E-07	2.93E-07	1.75E-06	1.68E-06	4.3308E-03
606112.33	4201491.04	151596.2352	0.00573	0.00578	0.03129	0.03176	0.5038	0.48785	5.31E-03	3.22E-08	3.29E-08	2.85E-07	2.89E-07	1.65E-06	1.59E-06	5.3111E-03
606113.03	4201537.21	104497.3174	0.00599	0.00602	0.03358	0.03412	0.54143	0.52235	3.66E-03	3.37E-08	3.43E-08	3.06E-07	3.10E-07	1.77E-06	1.70E-06	3.6625E-03
606113.38	4201469.7	185982.1473	0.00578	0.00584	0.03096	0.03142	0.47906	0.46517	6.51E-03	3.25E-08	3.33E-08	2.82E-07	2.85E-07	1.57E-06	1.52E-06	6.5148E-03
606118.24	4201586.99	72118.31807	0.00623	0.00625	0.03577	0.03633	0.56012	0.53862	2.52E-03	3.50E-08	3.56E-08	3.26E-07	3.30E-07	1.83E-06	1.76E-06	2.5291E-03
606121.87	4201679.23	45150.62247	0.00533	0.00533	0.0325	0.03312	0.61024	0.58199	1.58E-03	3.00E-08	3.04E-08	2.96E-07	3.01E-07	2.00E-06	1.90E-06	1.5852E-03
606125.89	4201728.17	34008.94139	0.0049	0.0049	0.03089	0.03151	0.60602	0.57587	1.19E-03	2.76E-08	2.79E-08	2.82E-07	2.86E-07	1.98E-06	1.88E-06	1.1951E-03
606129.64	4201621.18	60779.87889	0.00617	0.00618	0.03619	0.03679	0.55775	0.53516	2.13E-03	3.47E-08	3.52E-08	3.30E-07	3.34E-07	1.82E-06	1.75E-06	2.1322E-03
606129.91	4201828.72	21993.39256	0.00457	0.00455	0.02973	0.03044	0.55025	0.51907	7.70E-04	2.57E-08	2.59E-08	2.71E-07	2.77E-07	1.80E-06	1.69E-06	7.7406E-04
606130.58	4201805.26	24061.91486	0.00461	0.0046	0.02995	0.03064	0.56383	0.5328	8.42E-04	2.59E-08	2.62E-08	2.73E-07	2.78E-07	1.84E-06	1.74E-06	8.4657E-04
606133.93	4201786.49	26277.54841	0.00469	0.00468	0.03032	0.03099	0.56754	0.53717	9.20E-04	2.64E-08	2.67E-08	2.77E-07	2.82E-07	1.86E-06	1.75E-06	9.2417E-04
606141.04	4201589.67	74179.38233	0.00642	0.00644	0.03677	0.03734	0.51698	0.49775	2.60E-03	3.61E-08	3.67E-08	3.35E-07	3.39E-07	1.69E-06	1.62E-06	2.6010E-03
606143.99	4201858.89	21547.46245	0.00493	0.0049	0.03106	0.03184	0.51152	0.48174	7.54E-04	2.77E-08	2.79E-08	2.83E-07	2.89E-07	1.67E-06	1.57E-06	7.5823E-04
606147.07	4201623.19	62068.99185	0.00633	0.00634	0.03703	0.03763	0.52396	0.50317	2.17E-03	3.56E-08	3.61E-08	3.38E-07	3.42E-07	1.71E-06	1.64E-06	2.1771E-03
606149.35	4201736.88	34509.94103	0.00503	0.00503	0.03171	0.03234	0.55334	0.52623	1.21E-03	2.83E-08	2.87E-08	2.89E-07	2.94E-07	1.81E-06	1.72E-06	1.2123E-03
606149.76	4201533.71	116979.5798	0.00613	0.00616	0.0343	0.03484	0.47488	0.45941	4.10E-03	3.45E-08	3.51E-08	3.13E-07	3.16E-07	1.55E-06	1.50E-06	4.0991E-03
606154.05	4201702.02	42835.75919	0.00538	0.00538	0.03306	0.03369	0.54511	0.51992	1.50E-03	3.03E-08	3.07E-08	3.02E-07	3.06E-07	1.78E-06	1.70E-06	1.5038E-03
606158.5	4201482.99	174493.48	0.0059	0.00594	0.03213	0.03261	0.42498	0.41332	6.11E-03	3.32E-08	3.38E-08	2.93E-07	2.96E-07	1.39E-06	1.35E-06	6.1123E-03
606159.41	4201679.23	49546.0467	0.0057	0.0057	0.03449	0.03514	0.52947	0.50624	1.73E-03	3.21E-08	3.25E-08	3.15E-07	3.19E-07	1.73E-06	1.65E-06	1.7386E-03
606161.65	4201457.81	241656.556	0.00613	0.00619	0.03251	0.03298	0.39911	0.38931	8.46E-03	3.45E-08	3.53E-08	2.97E-07	3.00E-07	1.31E-06	1.27E-06	8.4634E-03
606162.49	4201601.07	71817.55996	0.00661	0.00663	0.03788	0.03847	0.4848	0.46681	2.51E-03	3.72E-08	3.78E-08	3.46E-07	3.49E-07	1.59E-06	1.52E-06	2.5181E-03
606166.11	4201859.56	21893.6348	0.00494	0.00491	0.03146	0.03225	0.46458	0.4385	7.66E-04	2.78E-08	2.80E-08	2.87E-07	2.93E-07	1.52E-06	1.43E-06	7.7006E-04
606167.94	4201503.63	151113.8193	0.00598	0.00602	0.03303	0.03355	0.4283	0.41573	5.29E-03	3.36E-08	3.43E-08	3.01E-07	3.05E-07	1.40E-06	1.36E-06	5.2938E-03
606169.34	4201536.16	118849.0033	0.00625	0.00628	0.035	0.03556	0.44671	0.43255	4.16E-03	3.52E-08	3.58E-08	3.19E-07	3.23E-07	1.46E-06	1.41E-06	4.1644E-03
606172.54	4201623.86	64679.42397	0.00655	0.00657	0.03815	0.03877	0.4793	0.46084	2.26E-03	3.68E-08	3.74E-08	3.48E-07	3.52E-07	1.57E-06	1.50E-06	2.2682E-03
606182.87	4201797.22	28691.45007	0.00514	0.00512	0.03271	0.03343	0.47228	0.44795	1.00E-03	2.89E-08	2.92E-08	2.98E-07	3.04E-07	1.54E-06	1.46E-06	1.0081E-03
606182.87	4201815.32	26346.27452	0.00504	0.00501	0.0323	0.03303	0.46134	0.43713	9.22E-04	2.83E-08	2.85E-08	2.95E-07	3.00E-07	1.51E-06	1.43E-06	9.2595E-04
606186.48	4201435.77	378704.789	0.00671	0.00678	0.03449	0.03497	0.3523	0.34516	1.33E-02	3.77E-08	3.86E-08	3.15E-07	3.18E-07	1.15E-06	1.13E-06	1.3261E-02
606186.89	4201842.13	23441.66255	0.00491	0.00488	0.03187	0.03262	0.43551	0.41226	8.21E-04	2.76E-08	2.78E-08	2.91E-07	2.96E-07	1.42E-06	1.35E-06	8.2408E-04
606187.56	4201772.41	32121.33852	0.00524	0.00522	0.03308	0.03377	0.47367	0.45023	1.12E-03	2.95E-08	2.97E-08	3.02E-07	3.07E-07	1.55E-06	1.47E-06	1.1282E-03
606194.94	4201745.6	37046.61997	0.00544	0.00542	0.03384	0.03451	0.46864	0.44644	1.30E-03	3.06E-08	3.09E-08	3.09E-07	3.13E-07	1.53E-06	1.46E-06	1.3006E-03
606202.98	4201718.78	43842.38342	0.00578	0.00577	0.03527	0.03596	0.45859	0.43782	1.53E-03	3.25E-08	3.29E-08	3.22E-07	3.27E-07	1.50E-06	1.43E-06	1.5385E-03
606207.68	4201693.98	50127.87863	0.00609	0.00608	0.03664	0.03734	0.44889	0.4296	1.75E-03	3.43E-08	3.46E-08	3.34E-07	3.39E-07	1.47E-06	1.40E-06	1.7585E-03
606208.52	4201434.72	382775.6559	0.00698	0.00705	0.03573	0.03624	0.33074	0.3243	1.34E-02	3.93E-08	4.02E-08	3.26E-07	3.29E-07	1.08E-06	1.06E-06	1.3403E-02
606212.37	4201484.74	185374.9862	0.00617	0.00621	0.0337	0.03421	0.36252	0.35339	6.49E-03	3.47E-08	3.54E-08	3.07E-07	3.11E-07	1.19E-06	1.15E-06	6.4928E-03
606214.45	4201529.7	135062.2606	0.00638	0.00641	0.0356	0.03617	0.38559	0.37434	4.73E-03	3.59E-08	3.65E-08	3.25E-07	3.29E-07	1.26E-06	1.22E-06	4.7316E-03
606216.45	4201599.79	79088.80353	0.00707	0.00709	0.04004	0.04067	0.4064	0.39222	2.77E-03	3.98E-08	4.04E-08	3.65E-07	3.69E-07	1.33E-06	1.28E-06	2.7723E-03
606217.24	4201646.32	62361.11118	0.00675	0.00675	0.03958	0.04024	0.42134	0.40502	2.18E-03	3.80E-08	3.85E-08	3.61E-07	3.66E-07	1.38E-06	1.32E-06	2.1867E-03
606219	4201578.94	91293.87998	0.00699	0.00701	0.03936	0.03997	0.39744	0.38432	3.20E-03	3.93E-08	3.99E-08	3.59E-07	3.63E-07	1.30E-06	1.25E-06	3.1995E-03
606221.97	4201624.24	69732.07057	0.007	0.00701	0.0403	0.04094	0.40743	0.39244	2.44E-03	3.94E-08	3.99E-08	3.68E-07	3.72E-07	1.33E-06	1.28E-06	2.4447E-03
606229.86	4201440.32	358329.6538	0.00709	0.00715	0.03649	0.03702	0.31659	0.31036	1.25E-02	3.99E-08	4.07E-08	3.33E-07	3.36E-07	1.04E-06	1.01E-06	1.2548E-02
606233.34	4201488.04	184499.7035	0.00628	0.00632	0.0344	0.03493	0.34346	0.33492	6.46E-03	3.53E-08	3.60E-08	3.14E-07	3.17E-07	1.12E-06	1.09E-06	6.4621E-03
606235.77	4201525.82	140866.5387	0.00642	0.00645	0.03575	0.03633	0.36059	0.35044	4.93E-03	3.61E-08	3.67E-08	3.26E-07	3.30E-07	1.18E-06	1.14E-06	4.9347E-03
606249.57	4201574.58	98977.57888	0.00712	0.00713	0.03998	0.04061	0.3626	0.3511	3.47E-03	4.00E-08	4.06E-08	3.65E-07	3.69E-07	1.19E-06	1.15E-06	3.4683E-03
606250.49	4201437.52	366111.7214	0.00742	0.00749	0.03795	0.0385	0.29818	0.29257	1.28E-02	4.17E-08	4.27E-08	3.46E-07	3.50E-07	9.75E-07	9.55E-07	1.2820E-02
606251.94	4201658.94	61418.01262	0.00704	0.00703	0.04113	0.04184	0.37955	0.36484	2.15E-03	3.96E-08	4.01E-08	3.75E-07	3.80E-07	1.24E-06	1.19E-06	2.1535E-03
606252.92	4201711.54	49274.28748	0.0065	0.00648	0.03885	0.03961	0.38673	0.37012	1.73E-03	3.66E-08	3.69E-08	3.54E-07	3.60E-07	1.26E-06	1.21E-06	1.7283E-03
606253.2	4201487.56	192730.2027	0.00644	0.00648	0.03518	0.03573	0.32505	0.31711	6.75E-03	3.62E-08	3.69E-08	3.21E-07	3.25E-07	1.06E-06	1.04E-06	6.7501E-03
606256.67	4201638.44	68016.57235	0.00724	0.00724	0.04173	0.04242	0.36934	0.35573	2.38E-03	4.07E-08	4.13E-08	3.81E-07	3.85E-07	1.21E-06	1.16E-06	2.3844E-03
606262.4	4201524.85	144915.4396	0.00655	0.00657	0.03637	0.03696	0.33419	0.32504	5.07E-03	3.68E-08	3.74E-08	3.32E-07	3.36E-07	1.09E-06	1.06E-06	5.0763E-03
606269.15	4201720.69	48295.48285	0.00665	0.00662	0.03962	0.0404	0.36687	0.35109	1.69E-03	3.74E-08	3.77E-08	3.61E-07	3.67E-07	1.20E-06	1.15E-06	1.6939E-03
606269.29	4201609.25	80280.89668	0.00755	0.00755	0.04245	0.04312	0.3488	0.33689	2.81E-03	4.25E-08	4.30E-08	3.87E-07	3.92E-07	1.14E-06	1.10E-06	2.8137E-03
606269.72	4201778.05	38191.72794	0.00646	0.00642	0.03887	0.03968	0.35941	0.34275	1.34E-03	3.63E-08	3.66E-08	3.55E-07	3.60E-07	1.18E-06	1.12E-06	1.3401E-03
606270.87	4201576.12	101193.1763	0.00721	0.00722	0.04047	0.04114	0.34211	0.33139	3.54E-03	4.05E-08	4.11E-08	3.69E-07	3.74E-07	1.12E-06	1.08E-06	3.5457E-03
606272.88	4201439.62	359319.3502	0.00761	0.00768	0.03897	0.03955	0.28333	0.278	1.26E-02	4.28E-08	4.38E-08	3.55E-07	3.59E-07	9.27E-07	9.07E-07	1.2582E-02
606275.48	4201489.01	195546.7373	0.00663	0.00666	0.03611	0.03667	0.30709	0.29972	6.85E-03	3.73E-08	3.79E-08	3.29E-07	3.33E-07	1.00E-06	9.78E-07	6.8486E-03
606276.42	4201759.93	41396.60809	0.00659	0.00655	0.03943	0.04024	0.35501	0.33903	1.45E-03	3.71E-08	3.73E-08	3.60E-07	3.66E-07	1.16E-06	1.11E-06	1.4523E-03
606279.84	4201522.43	149003.3999	0.00662	0.00664	0.03671	0.03731	0.31771	0.30922	5.22E-03	3.72E-08	3.78E-08	3.35E-07	3.39E-07	1.04E-06	1.01E-06	5.2193E-03
606289.5	4201742.98	44999.13942	0.00683	0.00678	0.04052	0.04134	0.34242	0.32754	1.58E-03	3.84E-08	3.86E-08	3.70E-07	3.76E-07	1.12E-06	1.07E-06	1.5784E-03
606291.38	4201574.55	105891.2118	0.0072	0.00721	0.04034	0.04103	0.32357	0.31366	3.71E-03	4.05E-08	4.11E-08	3.68E-07	3.73E-07	1.06E-06	1.02E-06	3.7101E-03
606292.47	4201438.92	363227.2522	0.00786	0.00792	0.0401	0.04072	0.26981	0.26483	1.27E-02	4.42E-08	4.51E-08	3.66E-07	3.70E-07	8.82E-07	8.64E-07	1.2719E-02
606293.82	4201678.82	58735.9382	0.0074	0.00737	0.04307	0.04383	0.33569	0.32263	2.06E-03	4.16E-08	4.20E-08	3.93E-07	3.98E-07	1.10E-06	1.05E-06	2.0593E-03
606297.28	4201490.95	197009.3281	0.00682	0.00685	0.03708	0.03767	0.29114	0.28426	6.90E-03	3.84E-08	3.90E-08	3.38E-07	3.42E-07	9.52E-07	9.28E-07	6.8998E-03
606298.76	4201611.71	82539.04025	0.0077	0.0077	0.04332	0.04403	0.32195	0.31115	2.89E-03	4.33E-08	4.39E-08	3.95E-07	4.00E-07	1.05E-06	1.02E-06	2.8926E-03
606300.16	4201729.9	47979.15732	0.00704	0.007	0.04152	0.04235	0.33193	0.31781	1.68E-03	3.96E-08	3.99E-08	3.79E-07	3.85E-07	1.09E-06	1.04E-06	1.6827E-03
606304.54	4201523.88	149390.9043	0.00674	0.00676	0.03736	0.03798	0.29807	0.29024	5.23E-03	3.79E-08	3.85E-08	3.41E-07	3.45E-07	9.75E-07	9.47E-07	5.2327E-03
606309.88	4201659.06	64795.24952	0.00782	0.00781	0.04472	0.04548	0.31669	0.305	2.27E-03	4.40E-08	4.45E-08	4.08E-07	4.13E-07	1.04E-06	9.96E-07	2.2714E-03
606312.67	4201570.6	111937.449	0.0072	0.0072	0.04018	0.04088	0.30494	0.29587	3.92E-03	4.05E-08	4.10E-08	3.66E-07	3.71E-07	9.97E-07	9.66E-07	3.9216E-03
606314.81	4201788.73	38393.81853	0.00723	0.00717	0.0427	0.04361	0.30859	0.29469	1.34E-03	4.07E-08	4.09E-08	3.89E-07	3.96E-07	1.01E-06	9.62E-07	1.3470E-03
606315.23	4201638.06	72209.0114	0.00796	0.00796	0.04495	0.04571	0.30971	0.29881	2.53E-03	4.48E-08	4.54E-08	4.10E-07	4.15E-07	1.01E-06	9.75E-07	2.5309E-03
606315.55	4201437.87	368314.3779	0.00819	0.00825	0.04159	0.04225	0.25498	0.25036	1.29E-02	4.61E-08	4.70E-08	3.79E-07	3.84E-07	8.34E-07	8.17E-07	1.2897E-02
606319.56	4201491.43	201105.0786	0.00705	0.00708	0.03815	0.03876	0.27551	0.26911	7.04E-03	3.97E-08	4.03E-08	3.48E-07	3.52E-07	9.01E-07	8.78E-07	7.0431E-03
606323.91	4201523.4	150831.358	0.00683	0.00684	0.03781	0.03844	0.28333	0.27604	5.28E-03	3.84E-08	3.90E-08	3.45E-07	3.49E-07	9.27E-07	9.01E-07	5.2831E-03
606326.76	4201698.59	55431.93955	0.00774	0.00771	0.04489	0.04571	0.30456	0.29261	1.94E-03	4.35E-08	4.39E-08	4.09E-07	4.15E-07	9.96E-07	9.55E-07	1.9435E-03
606330.59	4201761.12	43369.61097	0.00746	0.00741	0.04373	0.04463	0.29858	0.28574	1.52E-03	4.20E-08	4.22E-08	3.99E-07	4.05E-07	9.76E-07	9.33E-07	1.5211E-03
606330.81	4201577.7	108495.2812	0.00737	0.00737	0.04113	0.04186	0.29204	0.28324	3.80E-03	4.14E-08	4.20E-08	3.75E-07	3.80E-07	9.55E-07	9.25E-07	3.8010E-03
606336.02	4201492.4	202354.0256	0.00721	0.00724	0.03893	0.03957	0.26498	0.25888	7.08E-03	4.05E-08	4.13E-08	3.55E-07	3.59E-07	8.67E-07	8.45E-07	7.0867E-03
606336.54	4201438.57	365232.7276	0.00846	0.00852	0.04294	0.04363	0.24329	0.2389	1.28E-02	4.76E-08	4.85E-08	3.92E-07	3.96E-07	7.96E-07	7.80E-07	1.2789E-02
606339.11	4201680.06	60110.12094	0.00824	0.00822	0.0468	0.04761	0.29142	0.2805	2.10E-03	4.63E-08	4.68E-08	4.27E-07	4.32E-07	9.53E-07	9.16E-07	2.1072E-03
606346.36	4201775.32	41439.77775	0.00773	0.00768	0.04534	0.04629	0.28201	0.26981	1.45E-03	4.35E-08	4.38E-08	4.14E-07	4.21E-07	9.22E-07	8.81E-07	1.4535E-03
606348.13	4201523.88	151173.9414	0.00701	0.00703	0.03872	0.03937	0.26672	0.25996	5.29E-03	3.94E-08	4.01E-08	3.53E-07	3.58E-07	8.72E-07	8.49E-07	5.2950E-03
606348.58	4201660.71	65847.91705	0.00854	0.00855	0.04773	0.04853	0.28221	0.2721	2.31E-03	4.80E-08	4.87E-08	4.35E-07	4.41E-07	9.23E-07	8.88E-07	2.3081E-03
606356.48	4201437.17	370145.4273	0.00883	0.00889	0.04455	0.04527	0.23196	0.2278	1.30E-02	4.97E-08	5.07E-08	4.06E-07	4.11E-07	7.59E-07	7.44E-07	1.2961E-02
606356.84	4201575.34	112817.1635	0.00739	0.00739	0.04115	0.04189	0.27272	0.26475	3.95E-03	4.16E-08	4.21E-08	3.75E-07	3.81E-07	8.92E-07	8.64E-07	3.9522E-03
606357.23	4201635.59	76591.73419	0.00828	0.00827	0.0464	0.04722	0.27652	0.26712	2.68E-03	4.66E-08	4.71E-08	4.23E-07	4.29E-07	9.04E-07	8.72E-07	2.6841E-03
606357.41	4201787.15	39767.24334	0.00795	0.0079	0.04682	0.04777	0.27007	0.25845	1.39E-03	4.47E-08	4.50E-08	4.27E-07	4.34E-07	8.83E-07	8.44E-07	1.3949E-03
606361.21	4201490.46	212129.0933	0.00754	0.00757	0.04041	0.04109	0.24889	0.24331	7.43E-03	4.24E-08	4.31E-08	3.69E-07	3.73E-07	8.14E-07	7.94E-07	7.4289E-03
606365.08	4201531.15	144666.2498	0.00714	0.00715	0.03945	0.04012	0.25767	0.25106	5.06E-03	4.02E-08	4.07E-08	3.60E-07	3.64E-07	8.43E-07	8.19E-07	5.0671E-03
606373.59	4201720.63	52051.131	0.00838	0.00834	0.04834	0.04926	0.26368	0.25344	1.82E-03	4.71E-08	4.75E-08	4.41E-07	4.47E-07	8.62E-07	8.27E-07	1.8249E-03
606374.98	4201580.86	110191.5484	0.00752	0.00751	0.04179	0.04256	0.26128	0.25362	3.86E-03	4.23E-08	4.28E-08	3.81E-07	3.87E-07	8.54E-07	8.28E-07	3.8602E-03
606381.66	4201440.67	354658.2757	0.00913	0.00918	0.04611	0.04688	0.22086	0.21683	1.24E-02	5.13E-08	5.23E-08	4.21E-07	4.26E-07	7.22E-07	7.08E-07	1.2419E-02
606383.49	4201491.43	214653.2747	0.00782	0.00784	0.04172	0.04244	0.23661	0.23138	7.51E-03	4.40E-08	4.47E-08	3.81E-07	3.86E-07	7.74E-07	7.55E-07	7.5172E-03
606386.35	4201698.4	57103.9306	0.00883	0.00883	0.05021	0.05112	0.25417	0.24476	2.00E-03	4.97E-08	5.03E-08	4.58E-07	4.64E-07	8.31E-07	7.99E-07	2.0018E-03
606388.41	4201737.51	49114.90644	0.00852	0.00848	0.04926	0.05022	0.25163	0.24177	1.72E-03	4.79E-08	4.83E-08	4.49E-07	4.56E-07	8.23E-07	7.89E-07	1.7221E-03
606388.82	4201528.24	152468.4479	0.00746	0.00746	0.04086	0.04158	0.24275	0.23663	5.34E-03	4.20E-08	4.25E-08	3.73E-07	3.78E-07	7.94E-07	7.72E-07	5.3402E-03
606396.28	4201577.7	110271.7517	0.00745	0.00744	0.04156	0.04232	0.24722	0.24018	3.86E-03	4.19E-08	4.24E-08	3.79E-07	3.84E-07	8.08E-07	7.84E-07	3.8630E-03
606400.2	4201441.37	350888.0744	0.00942	0.00947	0.0475	0.04831	0.21245	0.20856	1.23E-02	5.30E-08	5.40E-08	4.33E-07	4.39E-07	6.95E-07	6.81E-07	1.2287E-02
606400.76	4201753.16	46518.77688	0.00864	0.00861	0.05016	0.05117	0.24146	0.23194	1.63E-03	4.86E-08	4.91E-08	4.58E-07	4.65E-07	7.90E-07	7.57E-07	1.6311E-03
606400.88	4201682.12	62188.14402	0.00903	0.00903	0.05074	0.05167	0.24528	0.23652	2.18E-03	5.08E-08	5.14E-08	4.63E-07	4.69E-07	8.02E-07	7.72E-07	2.1798E-03
606403.83	4201491.43	217693.2932	0.00813	0.00815	0.04317	0.04393	0.22595	0.22097	7.62E-03	4.57E-08	4.64E-08	3.94E-07	3.99E-07	7.39E-07	7.21E-07	7.6236E-03
606409.52	4201629	84223.27646	0.0084	0.00836	0.04646	0.04737	0.24318	0.2353	2.95E-03	4.72E-08	4.76E-08	4.24E-07	4.30E-07	7.95E-07	7.68E-07	2.9511E-03
606409.64	4201527.76	155482.3665	0.00774	0.00774	0.04215	0.04291	0.23105	0.2253	5.44E-03	4.35E-08	4.41E-08	3.84E-07	3.90E-07	7.56E-07	7.35E-07	5.4456E-03
606411.88	4201772.51	43340.05581	0.00879	0.00875	0.05141	0.05245	0.2314	0.22223	1.52E-03	4.94E-08	4.99E-08	4.69E-07	4.76E-07	7.57E-07	7.25E-07	1.5198E-03
606415.59	4201718.16	53445.27406	0.00914	0.00913	0.05233	0.05333	0.23368	0.225	1.87E-03	5.14E-08	5.20E-08	4.77E-07	4.84E-07	7.64E-07	7.34E-07	1.8736E-03
606415.7	4201656.59	72827.20793	0.00868	0.00864	0.0482	0.04914	0.23952	0.23135	2.55E-03	4.88E-08	4.92E-08	4.40E-07	4.46E-07	7.83E-07	7.55E-07	2.5521E-03
606417.34	4201441.37	351723.3273	0.00966	0.00971	0.04868	0.04951	0.20498	0.20123	1.23E-02	5.43E-08	5.53E-08	4.44E-07	4.50E-07	6.70E-07	6.57E-07	1.2316E-02
606421.52	4201578.49	110821.8231	0.00771	0.00769	0.0428	0.0436	0.23248	0.22594	3.88E-03	4.34E-08	4.38E-08	3.90E-07	3.96E-07	7.60E-07	7.37E-07	3.8821E-03

606425.14	4201492.89	215126.3034	0.00845	0.00846	0.04467	0.04547	0.2158	0.21103	7.53E-03	4.75E-08	4.82E-08	4.07E-07	4.13E-07	7.06E-07	6.89E-07	7.5337E-03
606430	4201786.92	41310.82984	0.00911	0.00907	0.05352	0.0546	0.21774	0.20919	1.45E-03	5.12E-08	5.17E-08	4.88E-07	4.96E-07	7.12E-07	6.83E-07	1.4487E-03
606431.64	4201749.04	47704.07124	0.00924	0.00921	0.05344	0.05451	0.22141	0.21302	1.67E-03	5.20E-08	5.25E-08	4.87E-07	4.95E-07	7.24E-07	6.95E-07	1.6726E-03
606431.92	4201532.6	151763.5296	0.00801	0.00801	0.04351	0.04431	0.22036	0.21484	5.31E-03	4.50E-08	4.56E-08	3.97E-07	4.03E-07	7.21E-07	7.01E-07	5.3154E-03
606433.4	4201693.65	61071.31134	0.00911	0.00907	0.05109	0.0521	0.22648	0.21851	2.14E-03	5.12E-08	5.17E-08	4.66E-07	4.73E-07	7.41E-07	7.13E-07	2.1405E-03
606441.24	4201580.07	111525.3666	0.00806	0.00803	0.04432	0.04517	0.22195	0.21574	3.90E-03	4.53E-08	4.58E-08	4.04E-07	4.10E-07	7.26E-07	7.04E-07	3.9067E-03
606444.62	4201444.87	335046.4534	0.01007	0.01011	0.05069	0.05157	0.19467	0.19103	1.17E-02	5.66E-08	5.76E-08	4.62E-07	4.68E-07	6.37E-07	6.24E-07	1.1732E-02
606447.91	4201503.06	196781.6239	0.00868	0.00868	0.04594	0.04678	0.20732	0.2026	6.89E-03	4.88E-08	4.95E-08	4.19E-07	4.25E-07	6.78E-07	6.61E-07	6.8914E-03
606453.07	4201608.46	96450.76833	0.00837	0.00832	0.04583	0.04674	0.21801	0.21149	3.38E-03	4.71E-08	4.74E-08	4.18E-07	4.25E-07	7.13E-07	6.90E-07	3.3790E-03
606454.65	4201658.94	74126.5574	0.00881	0.00875	0.04812	0.04912	0.21821	0.21096	2.60E-03	4.95E-08	4.99E-08	4.39E-07	4.46E-07	7.14E-07	6.89E-07	2.5975E-03
606455.43	4201631.34	85419.19014	0.00847	0.00841	0.04636	0.04729	0.21781	0.21098	2.99E-03	4.76E-08	4.79E-08	4.23E-07	4.30E-07	7.12E-07	6.89E-07	2.9928E-03
606456.22	4201751.23	47766.93195	0.00961	0.00957	0.05545	0.05658	0.20721	0.19951	1.67E-03	5.40E-08	5.45E-08	5.06E-07	5.14E-07	6.78E-07	6.51E-07	1.6747E-03
606459.38	4201686.55	64736.22761	0.00916	0.0091	0.05034	0.05139	0.21428	0.20683	2.27E-03	5.15E-08	5.18E-08	4.59E-07	4.67E-07	7.01E-07	6.75E-07	2.2688E-03
606459.53	4201534.54	152476.1002	0.00849	0.00848	0.04567	0.04653	0.20728	0.20213	5.34E-03	4.77E-08	4.83E-08	4.17E-07	4.23E-07	6.78E-07	6.60E-07	5.3403E-03
606461.74	4201579.28	112658.8245	0.00835	0.00832	0.04559	0.04648	0.21143	0.20553	3.94E-03	4.70E-08	4.74E-08	4.16E-07	4.22E-07	6.91E-07	6.71E-07	3.9464E-03
606474	4201459.56	278767.5428	0.0103	0.01033	0.05236	0.05327	0.18675	0.18306	9.76E-03	5.79E-08	5.89E-08	4.78E-07	4.84E-07	6.11E-07	5.98E-07	9.7617E-03
606498.84	4201448.36	310194.892	0.01164	0.0117	0.0564	0.05731	0.17472	0.17138	1.09E-02	6.55E-08	6.67E-08	5.14E-07	5.21E-07	5.71E-07	5.59E-07	1.0862E-02
606507.25	4201499.81	195704.0086	0.00982	0.00981	0.051	0.05195	0.18207	0.17796	6.85E-03	5.52E-08	5.59E-08	4.65E-07	4.72E-07	5.95E-07	5.81E-07	6.8536E-03
606508.65	4201695.39	63238.97959	0.00936	0.0093	0.0506	0.05171	0.19016	0.18376	2.21E-03	5.26E-08	5.30E-08	4.62E-07	4.70E-07	6.22E-07	6.00E-07	2.2162E-03
606508.93	4201744.7	50874.0571	0.00995	0.00989	0.05549	0.05671	0.18481	0.17822	1.78E-03	5.60E-08	5.63E-08	5.06E-07	5.15E-07	6.04E-07	5.82E-07	1.7834E-03
606509	4201630.66	82106.17486	0.00869	0.00861	0.04735	0.0483	0.19143	0.18568	2.87E-03	4.89E-08	4.91E-08	4.32E-07	4.39E-07	6.26E-07	6.06E-07	2.8767E-03
606510.05	4201608.27	93366.72224	0.00882	0.00875	0.04775	0.0487	0.19072	0.18521	3.27E-03	4.96E-08	4.99E-08	4.36E-07	4.42E-07	6.24E-07	6.05E-07	3.2709E-03
606510.05	4201720.93	56451.06671	0.00973	0.00968	0.05329	0.05449	0.18729	0.18071	1.98E-03	5.47E-08	5.52E-08	4.86E-07	4.95E-07	6.12E-07	5.90E-07	1.9786E-03
606511.8	4201676.15	67721.25027	0.00902	0.00895	0.04883	0.04987	0.18961	0.18344	2.37E-03	5.07E-08	5.10E-08	4.45E-07	4.53E-07	6.20E-07	5.99E-07	2.3731E-03
606512.15	4201523.95	161649.8163	0.00966	0.00963	0.05062	0.05158	0.18339	0.179	5.66E-03	5.43E-08	5.49E-08	4.62E-07	4.69E-07	6.00E-07	5.84E-07	5.6614E-03
606512.15	4201589.73	103978.4102	0.00896	0.00889	0.04819	0.04913	0.1891	0.18384	3.64E-03	5.04E-08	5.07E-08	4.40E-07	4.46E-07	6.18E-07	6.00E-07	3.6424E-03
606512.5	4201654.8	73018.38044	0.00875	0.00867	0.04771	0.04869	0.18963	0.1837	2.56E-03	4.92E-08	4.94E-08	4.35E-07	4.42E-07	6.20E-07	6.00E-07	2.5585E-03
606513.2	4201565.24	122004.1138	0.0092	0.00914	0.04898	0.04994	0.18706	0.1822	4.27E-03	5.17E-08	5.21E-08	4.47E-07	4.54E-07	6.12E-07	5.95E-07	4.2735E-03
606516.35	4201548.09	136435.5217	0.00949	0.00944	0.05005	0.05102	0.18432	0.17964	4.78E-03	5.34E-08	5.38E-08	4.57E-07	4.63E-07	6.03E-07	5.86E-07	4.7787E-03
606518.78	4201441.37	333330.8184	0.01217	0.01224	0.05821	0.05911	0.16672	0.16362	1.17E-02	6.84E-08	6.97E-08	5.31E-07	5.37E-07	5.45E-07	5.34E-07	1.1672E-02
606541.86	4201446.62	283214.3489	0.0125	0.01257	0.06004	0.06098	0.1605	0.15745	9.92E-03	7.03E-08	7.16E-08	5.48E-07	5.54E-07	5.25E-07	5.14E-07	9.9174E-03
606547.14	4201545.99	132995.9084	0.0103	0.01024	0.0534	0.05445	0.17228	0.16796	4.66E-03	5.79E-08	5.83E-08	4.87E-07	4.95E-07	5.63E-07	5.48E-07	4.6583E-03
606547.49	4201643.96	76569.02346	0.00937	0.0093	0.05025	0.05128	0.17528	0.17	2.68E-03	5.27E-08	5.30E-08	4.58E-07	4.66E-07	5.73E-07	5.55E-07	2.6828E-03
606549.59	4201682.79	63632.61317	0.0092	0.00915	0.05031	0.05138	0.17272	0.1672	2.23E-03	5.17E-08	5.21E-08	4.59E-07	4.67E-07	5.65E-07	5.46E-07	2.2299E-03
606549.94	4201527.45	148397.7727	0.01062	0.01058	0.05473	0.05581	0.16957	0.16546	5.20E-03	5.97E-08	6.03E-08	4.99E-07	5.07E-07	5.55E-07	5.40E-07	5.1975E-03
606550.58	4201746.15	50948.6615	0.01023	0.01017	0.05633	0.05766	0.16782	0.16202	1.78E-03	5.75E-08	5.79E-08	5.14E-07	5.24E-07	5.49E-07	5.29E-07	1.7859E-03
606550.64	4201703.09	59274.93607	0.00932	0.00928	0.05116	0.05228	0.1712	0.16562	2.08E-03	5.24E-08	5.29E-08	4.67E-07	4.75E-07	5.60E-07	5.41E-07	2.0773E-03
606550.64	4201723.38	55875.24696	0.00968	0.00964	0.05302	0.05422	0.16999	0.1643	1.96E-03	5.44E-08	5.49E-08	4.84E-07	4.93E-07	5.56E-07	5.36E-07	1.9583E-03
606551.69	4201619.47	86585.58207	0.00961	0.00953	0.0509	0.05193	0.17394	0.16892	3.03E-03	5.40E-08	5.43E-08	4.64E-07	4.72E-07	5.69E-07	5.51E-07	3.0334E-03
606552.74	4201663.55	69683.60326	0.00937	0.0093	0.0506	0.05166	0.17257	0.16723	2.44E-03	5.27E-08	5.30E-08	4.62E-07	4.69E-07	5.64E-07	5.46E-07	2.4417E-03
606553.44	4201490.71	187340.484	0.01129	0.01127	0.0574	0.05847	0.16404	0.16047	6.56E-03	6.35E-08	6.42E-08	5.24E-07	5.31E-07	5.36E-07	5.24E-07	6.5609E-03
606554.49	4201509.26	164901.3976	0.01102	0.01099	0.05639	0.05747	0.16599	0.16215	5.77E-03	6.20E-08	6.26E-08	5.14E-07	5.22E-07	5.43E-07	5.29E-07	5.7753E-03
606562.5	4201446.27	249415.2106	0.0129	0.01297	0.06179	0.06276	0.15439	0.15145	8.73E-03	7.26E-08	7.39E-08	5.64E-07	5.70E-07	5.05E-07	4.94E-07	8.7341E-03
606564.63	4201574.33	110033.7022	0.01045	0.01037	0.05401	0.0551	0.16784	0.16339	3.85E-03	5.88E-08	5.91E-08	4.93E-07	5.01E-07	5.49E-07	5.33E-07	3.8544E-03
606575.48	4201609.67	90295.53199	0.0103	0.01022	0.05359	0.05469	0.1651	0.16047	3.16E-03	5.79E-08	5.82E-08	4.89E-07	4.97E-07	5.40E-07	5.24E-07	3.1633E-03
606580.34	4201444.87	226724.0075	0.01328	0.01335	0.06337	0.06438	0.14921	0.14639	7.94E-03	7.47E-08	7.61E-08	5.78E-07	5.85E-07	4.88E-07	4.78E-07	7.9397E-03
606590.52	4201574.68	104981.6173	0.01124	0.01116	0.05743	0.05862	0.15883	0.1546	3.68E-03	6.32E-08	6.36E-08	5.24E-07	5.33E-07	5.19E-07	5.05E-07	3.6775E-03
606596.82	4201614.57	85997.91474	0.01086	0.01079	0.05609	0.05727	0.15774	0.15331	3.01E-03	6.11E-08	6.15E-08	5.12E-07	5.20E-07	5.16E-07	5.00E-07	3.0129E-03
606598.88	4201448.01	200277.8695	0.01365	0.01371	0.0651	0.06617	0.14463	0.14187	7.01E-03	7.68E-08	7.81E-08	5.94E-07	6.01E-07	4.73E-07	4.63E-07	7.0138E-03
606600.26	4201679.16	64074.13533	0.0103	0.01025	0.05543	0.05662	0.15476	0.15004	2.24E-03	5.79E-08	5.84E-08	5.06E-07	5.14E-07	5.06E-07	4.90E-07	2.2453E-03
606600.47	4201735.01	52314.17189	0.01061	0.01053	0.05803	0.05938	0.15081	0.14592	1.83E-03	5.97E-08	6.00E-08	5.29E-07	5.39E-07	4.93E-07	4.76E-07	1.8336E-03
606601.43	4201696.27	59875.19378	0.01027	0.01022	0.05582	0.05704	0.15333	0.14856	2.10E-03	5.78E-08	5.82E-08	5.09E-07	5.18E-07	5.01E-07	4.85E-07	2.0983E-03
606602.4	4201753.42	48795.87648	0.01097	0.01088	0.06001	0.06146	0.14848	0.14361	1.71E-03	6.17E-08	6.20E-08	5.47E-07	5.58E-07	4.86E-07	4.69E-07	1.7105E-03
606602.68	4201659.79	69418.31253	0.01048	0.01043	0.05563	0.05681	0.15492	0.15028	2.43E-03	5.89E-08	5.94E-08	5.07E-07	5.16E-07	5.07E-07	4.91E-07	2.4324E-03
606602.79	4201495.6	151713.6883	0.01269	0.01267	0.06359	0.06477	0.14888	0.14562	5.31E-03	7.14E-08	7.22E-08	5.80E-07	5.88E-07	4.87E-07	4.75E-07	5.3136E-03
606603.37	4201715.64	55950.08483	0.01041	0.01035	0.05687	0.05815	0.15136	0.14657	1.96E-03	5.85E-08	5.90E-08	5.19E-07	5.28E-07	4.95E-07	4.78E-07	1.9609E-03
606603.82	4201511.7	139143.0269	0.01248	0.01244	0.06293	0.06413	0.15013	0.14671	4.87E-03	7.02E-08	7.09E-08	5.74E-07	5.83E-07	4.91E-07	4.79E-07	4.8735E-03
606608.37	4201529.55	125226.3533	0.01242	0.01236	0.06286	0.06411	0.15015	0.14657	4.38E-03	6.99E-08	7.04E-08	5.73E-07	5.82E-07	4.91E-07	4.78E-07	4.3863E-03
606609.77	4201546.69	114718.3359	0.01227	0.0122	0.06229	0.06357	0.15084	0.14711	4.02E-03	6.90E-08	6.95E-08	5.68E-07	5.77E-07	4.93E-07	4.80E-07	4.0184E-03
606614.31	4201618.42	82354.93441	0.01133	0.01127	0.05832	0.05958	0.15196	0.14768	2.88E-03	6.37E-08	6.42E-08	5.32E-07	5.41E-07	4.97E-07	4.82E-07	2.8854E-03
606618.46	4201447.31	182112.3594	0.01408	0.01415	0.06699	0.06811	0.13956	0.1369	6.38E-03	7.92E-08	8.06E-08	6.11E-07	6.19E-07	4.56E-07	4.47E-07	6.3779E-03
606634.55	4201446.27	169385.2014	0.01449	0.01455	0.06864	0.06982	0.13551	0.13293	5.93E-03	8.15E-08	8.29E-08	6.26E-07	6.34E-07	4.43E-07	4.34E-07	5.9323E-03
606636.58	4201680.62	62146.23394	0.01135	0.01127	0.06022	0.06157	0.14314	0.13884	2.18E-03	6.38E-08	6.42E-08	5.49E-07	5.59E-07	4.68E-07	4.53E-07	2.1778E-03
606636.61	4201495.6	133676.2714	0.01369	0.01367	0.06785	0.06911	0.13936	0.13633	4.68E-03	7.70E-08	7.79E-08	6.19E-07	6.28E-07	4.56E-07	4.45E-07	4.6822E-03
606637.41	4201622.62	77835.3871	0.012	0.01193	0.06161	0.06297	0.14468	0.14057	2.72E-03	6.75E-08	6.80E-08	5.62E-07	5.72E-07	4.73E-07	4.59E-07	2.7271E-03
606637.54	4201662.7	66461.51524	0.01151	0.01144	0.06045	0.0618	0.14372	0.13944	2.33E-03	6.47E-08	6.52E-08	5.51E-07	5.61E-07	4.70E-07	4.55E-07	2.3289E-03
606638.46	4201547.04	105850.679	0.01314	0.01308	0.06648	0.06784	0.14216	0.1387	3.71E-03	7.39E-08	7.45E-08	6.06E-07	6.16E-07	4.65E-07	4.53E-07	3.7080E-03
606638.81	4201564.89	97807.18214	0.01301	0.01295	0.0662	0.0676	0.14278	0.13916	3.42E-03	7.32E-08	7.38E-08	6.04E-07	6.14E-07	4.67E-07	4.54E-07	3.4264E-03
606640.21	4201512.75	122384.5548	0.01357	0.01353	0.06774	0.06904	0.13962	0.13645	4.28E-03	7.63E-08	7.71E-08	6.18E-07	6.27E-07	4.57E-07	4.45E-07	4.2869E-03
606640.21	4201583.08	90287.86326	0.01289	0.01281	0.06583	0.06726	0.14293	0.13917	3.16E-03	7.25E-08	7.30E-08	6.00E-07	6.11E-07	4.67E-07	4.54E-07	3.1632E-03
606640.56	4201604.42	83049.6057	0.01249	0.01242	0.06379	0.0652	0.14351	0.13955	2.91E-03	7.02E-08	7.08E-08	5.82E-07	5.92E-07	4.69E-07	4.55E-07	2.9097E-03
606641.63	4201699.66	57580.93307	0.01148	0.01138	0.06124	0.06263	0.1405	0.13621	2.02E-03	6.46E-08	6.48E-08	5.59E-07	5.69E-07	4.59E-07	4.45E-07	2.0180E-03
606645.02	4201715.16	54261.4635	0.01162	0.01152	0.06217	0.06362	0.13842	0.13415	1.90E-03	6.54E-08	6.56E-08	5.67E-07	5.78E-07	4.53E-07	4.38E-07	1.9018E-03
606646.47	4201734.05	50698.68558	0.01178	0.01166	0.06319	0.0647	0.13656	0.13231	1.77E-03	6.63E-08	6.64E-08	5.76E-07	5.88E-07	4.47E-07	4.32E-07	1.7771E-03
606650.35	4201752.93	47329.68939	0.01208	0.01196	0.0649	0.06649	0.13387	0.12965	1.66E-03	6.79E-08	6.81E-08	5.92E-07	6.04E-07	4.38E-07	4.23E-07	1.6592E-03
606654.84	4201448.01	152946.0318	0.01502	0.01507	0.07097	0.07221	0.13088	0.12838	5.35E-03	8.45E-08	8.59E-08	6.47E-07	6.56E-07	4.28E-07	4.19E-07	5.3568E-03
606671.98	4201445.92	142905.2562	0.01554	0.01559	0.07308	0.07439	0.12681	0.1244	5.00E-03	8.74E-08	8.88E-08	6.67E-07	6.76E-07	4.15E-07	4.06E-07	5.0053E-03
606684.37	4201668.7	60602.59169	0.01316	0.01303	0.06793	0.06954	0.13003	0.12624	2.12E-03	7.40E-08	7.42E-08	6.20E-07	6.32E-07	4.25E-07	4.12E-07	2.1239E-03
606684.48	4201614.96	72648.74158	0.01398	0.01387	0.07148	0.07312	0.13074	0.12722	2.54E-03	7.86E-08	7.90E-08	6.52E-07	6.64E-07	4.28E-07	4.15E-07	2.5457E-03
606688.39	4201702.89	53715.58982	0.01311	0.01298	0.06831	0.06997	0.12722	0.12345	1.88E-03	7.37E-08	7.40E-08	6.23E-07	6.36E-07	4.16E-07	4.03E-07	1.8828E-03
606689.81	4201512.79	103687.8592	0.01528	0.01525	0.07496	0.07643	0.12702	0.12419	3.63E-03	8.59E-08	8.69E-08	6.84E-07	6.94E-07	4.15E-07	4.05E-07	3.6324E-03
606689.81	4201589.3	78685.76771	0.01437	0.01427	0.07287	0.07449	0.12923	0.12592	2.75E-03	8.08E-08	8.13E-08	6.65E-07	6.77E-07	4.23E-07	4.11E-07	2.7571E-03
606689.82	4201446.96	131723.1608	0.01611	0.01616	0.07546	0.07686	0.12298	0.12064	4.61E-03	9.06E-08	9.21E-08	6.88E-07	6.98E-07	4.02E-07	3.94E-07	4.6139E-03
606690.08	4201496.69	109711.1921	0.01551	0.0155	0.07544	0.07689	0.12612	0.1234	3.84E-03	8.72E-08	8.83E-08	6.88E-07	6.98E-07	4.12E-07	4.03E-07	3.8433E-03
606690.29	4201532.16	96599.12415	0.01492	0.01485	0.0741	0.07561	0.12773	0.12476	3.38E-03	8.39E-08	8.46E-08	6.76E-07	6.87E-07	4.18E-07	4.07E-07	3.3842E-03
606692.23	4201548.14	90689.44379	0.01481	0.01473	0.07401	0.07555	0.12775	0.1247	3.17E-03	8.33E-08	8.39E-08	6.75E-07	6.86E-07	4.18E-07	4.07E-07	3.1773E-03
606692.23	4201569.44	84015.77674	0.01461	0.01452	0.07355	0.07514	0.12826	0.12508	2.94E-03	8.22E-08	8.27E-08	6.71E-07	6.83E-07	4.19E-07	4.08E-07	2.9437E-03
606697.33	4201750.03	45708.65891	0.01314	0.01306	0.06998	0.07175	0.12172	0.11805	1.60E-03	7.39E-08	7.44E-08	6.38E-07	6.52E-07	3.98E-07	3.85E-07	1.6024E-03
606705.15	4201666.69	58880.07798	0.01404	0.0139	0.07189	0.07363	0.12461	0.12107	2.06E-03	7.90E-08	7.92E-08	6.56E-07	6.69E-07	4.08E-07	3.95E-07	2.0636E-03
606709.06	4201446.27	121700.0154	0.01684	0.01686	0.07823	0.07967	0.11885	0.1166	4.26E-03	9.47E-08	9.61E-08	7.14E-07	7.24E-07	3.89E-07	3.81E-07	4.2630E-03
606709.18	4201615.93	68797.34764	0.01482	0.01469	0.0752	0.07695	0.12442	0.12111	2.41E-03	8.33E-08	8.37E-08	6.86E-07	6.99E-07	4.07E-07	3.95E-07	2.4109E-03
606709.84	4201695.52	53347.01294	0.01388	0.01375	0.07165	0.07342	0.1222	0.11866	1.87E-03	7.81E-08	7.83E-08	6.54E-07	6.67E-07	4.00E-07	3.87E-07	1.8699E-03
606718.86	4201551.04	83429.12148	0.0157	0.01559	0.0778	0.07947	0.12155	0.11867	2.92E-03	8.83E-08	8.88E-08	7.10E-07	7.22E-07	3.98E-07	3.87E-07	2.9232E-03
606720.09	4201748.57	44790.29624	0.01349	0.01345	0.0722	0.07406	0.11642	0.113	1.57E-03	7.59E-08	7.66E-08	6.59E-07	6.73E-07	3.81E-07	3.69E-07	1.5703E-03
606720.31	4201572.83	77226.54665	0.01563	0.01551	0.07812	0.07985	0.12144	0.11846	2.70E-03	8.79E-08	8.84E-08	7.13E-07	7.25E-07	3.97E-07	3.87E-07	2.7060E-03
606723.22	4201511.82	93467.98098	0.01644	0.01639	0.07992	0.08155	0.11943	0.1168	3.27E-03	9.25E-08	9.34E-08	7.29E-07	7.41E-07	3.91E-07	3.81E-07	3.2747E-03
606724.19	4201533.13	87099.54868	0.01618	0.01609	0.07937	0.08103	0.11994	0.11719	3.05E-03	9.10E-08	9.17E-08	7.24E-07	7.36E-07	3.92E-07	3.83E-07	3.0517E-03
606725.93	4201665.35	57038.11714	0.01482	0.01468	0.07542	0.07728	0.11956	0.11622	2.00E-03	8.33E-08	8.36E-08	6.88E-07	7.02E-07	3.91E-07	3.79E-07	1.9992E-03
606728.64	4201447.31	112103.8432	0.01759	0.01761	0.0813	0.08289	0.11497	0.11279	3.92E-03	9.89E-08	1.00E-07	7.42E-07	7.53E-07	3.76E-07	3.68E-07	3.9271E-03
606730.46	4201491.23	96899.58856	0.01714	0.0171	0.08188	0.08349	0.11687	0.11441	3.39E-03	9.64E-08	9.74E-08	7.47E-07	7.58E-07	3.82E-07	3.73E-07	3.3948E-03
606733.87	4201616.9	65057.42177	0.01576	0.01561	0.07934	0.08122	0.11834	0.11531	2.28E-03	8.86E-08	8.89E-08	7.24E-07	7.38E-07	3.87E-07	3.76E-07	2.2800E-03
606739.34	4201697.53	50742.26165	0.01468	0.0146	0.07565	0.07756	0.11522	0.11195	1.78E-03	8.26E-08	8.32E-08	6.90E-07	7.05E-07	3.77E-07	3.65E-07	1.7787E-03
606745.08	4201446.96	105625.1657	0.0182	0.01819	0.08381	0.08552	0.11186	0.10974	3.70E-03	1.02E-07	1.04E-07	7.64E-07	7.77E-07	3.66E-07	3.58E-07	3.7003E-03
606748.4	4201588.33	68354.68691	0.01684	0.01671	0.08424	0.08616	0.11503	0.11218	2.39E-03	9.47E-08	9.52E-08	7.68E-07	7.83E-07	3.76E-07	3.66E-07	2.3955E-03
606749.39	4201666.02	54650.48942	0.01558	0.01546	0.07895	0.08094	0.11423	0.11106	1.91E-03	8.76E-08	8.81E-08	7.20E-07	7.35E-07	3.74E-07	3.63E-07	1.9156E-03
606749.63	4201747.12	43450.35465	0.01342	0.01347	0.07386	0.07576	0.10996	0.10683	1.52E-03	7.55E-08	7.67E-08	6.74E-07	6.88E-07	3.60E-07	3.49E-07	1.5234E-03
606760.02	4201616.9	61388.12249	0.01687	0.01672	0.08463	0.08667	0.1124	0.10953	2.15E-03	9.49E-08	9.53E-08	7.72E-07	7.87E-07	3.68E-07	3.58E-07	2.1516E-03
606763.47	4201701.55	48369.03688	0.01508	0.01506	0.07847	0.08049	0.10985	0.10677	1.69E-03	8.48E-08	8.58E-08	7.16E-07	7.31E-07	3.59E-07	3.49E-07	1.6957E-03
606764.67	4201449.41	97817.40832	0.01893	0.01891	0.08704	0.08887	0.10844	0.10638	3.42E-03	1.06E-07	1.08E-07	7.94E-07	8.07E-07	3.55E-07	3.47E-07	3.4270E-03
606772.85	4201664.68	52633.95723	0.01629	0.01621	0.0825	0.08465	0.10933	0.10635	1.84E-03	9.16E-08	9.24E-08	7.53E-07	7.69E-07	3.58E-07	3.47E-07	1.8451E-03
606773.36	4201751.96	41040.15856	0.01284	0.01296	0.07486	0.07681	0.10458	0.10167	1.44E-03	7.22E-08	7.38E-08	6.83E-07	6.98E-07	3.42E-07	3.32E-07	1.4390E-03
606774.54	4201498.02	81933.64074	0.01902	0.01894	0.0899	0.09192	0.10823	0.10595	2.87E-03	1.07E-07	1.08E-07	8.20E-07	8.35E-07	3.54E-07	3.46E-07	2.8710E-03
606774.54	4201515.11	78851.09817	0.01861	0.0185	0.08917	0.09104	0.10899	0.10662	2.76E-03	1.05E-07	1.05E-07	8.13E-07	8.27E-07	3.56E-07	3.48E-07	2.7631E-03
606776.24	4201532.76	75033.90178	0.01832	0.0182	0.08844	0.09047	0.10916	0.10671	2.63E-03	1.03E-07	1.04E-07	8.07E-07	8.22E-07	3.57E-07	3.48E-07	2.6294E-03
606777.77	4201572.87	66461.94562	0.01823	0.0181	0.09019	0.09215	0.10895	0.10635	2.33E-03	1.03E-07	1.03E-07	8.23E-07	8.37E-07	3.56E-07	3.47E-07	2.3293E-03
606781.11	4201450.46	92264.56371	0.01957	0.01953	0.08984	0.09172	0.10565	0.10365	3.23E-03	1.10E-07	1.11E-07	8.19E-07	8.33E-07	3.46E-07	3.38E-07	3.2327E-03
606781.63	4201550.27	70204.3779	0.01852	0.0184	0.09031	0.09236	0.1082	0.10571	2.46E-03	1.04E-07	1.05E-07	8.24E-07	8.39E-07	3.54E-07	3.45E-07	2.4604E-03
606784.71	4201619.32	57900.14577	0.01774	0.01762	0.08868	0.0909	0.10738	0.10467	2.03E-03	9.98E-08	1.00E-07	8.09E-07	8.26E-07	3.51E-07	3.42E-07	2.0296E-03
606788.27	4201705.57	46062.47755	0.01526	0.01532	0.08129	0.08342	0.10469	0.10182	1.61E-03	8.58E-08	8.73E-08	7.41E-07	7.58E-07	3.42E-07	3.32E-07	1.6150E-03
606796.31	4201667.36	50124.37495	0.0168	0.0168	0.08589	0.08817	0.10463	0.10185	1.75E-03	9.45E-08	9.57E-08	7.83E-07	8.01E-07	3.42E-07	3.32E-07	1.7573E-03
606800	4201757.78	38664.84678	0.01253	0.01266	0.07786	0.07992	0.09896	0.09629	1.35E-03	7.05E-08	7.21E-08	7.10E-07	7.26E-07	3.24E-07	3.14E-07	1.3558E-03
606800.7	4201451.51	86254.88275	0.02041	0.02034	0.09344	0.09542	0.10243	0.10049	3.02E-03	1.15E-07	1.16E-07	8.52E-07	8.67E-07	3.35E-07	3.28E-07	3.0223E-03
606805.3	4201504.85	73253.7493	0.02039	0.02027	0.09626	0.09848	0.10278	0.10061	2.56E-03	1.15E-07	1.15E-07	8.78E-07	8.95E-07	3.36E-07	3.28E-07	2.5672E-03
606806.99	4201621.74	54976.44506	0.01843	0.01835	0.09211	0.09451	0.10315	0.10058	1.92E-03	1.04E-07	1.05E-07	8.40E-07	8.59E-07	3.37E-07	3.28E-07	1.9272E-03
606808.1	4201568.11	62445.67135	0.0196	0.01948	0.09624	0.09848	0.10322	0.10081	2.19E-03	1.10E-07	1.11E-07	8.78E-07	8.95E-07	3.38E-07	3.29E-07	2.1888E-03
606815.75	4201713.62	43224.172	0.01522	0.01534	0.08487	0.08717	0.09914	0.09649	1.51E-03	8.56E-08	8.74E-08	7.74E-07	7.92E-07	3.24E-07	3.15E-07	1.5156E-03
606818.19	4201452.56	81325.03527	0.02123	0.02115	0.0969	0.09899	0.09966	0.09777	2.85E-03	1.19E-07	1.21E-07	8.84E-07	8.99E-07	3.26E-07	3.19E-07	2.8498E-03
606818.4	4201543.59	64545.18635	0.02051	0.0204	0.09873	0.10106	0.10124	0.09897	2.26E-03	1.15E-07	1.16E-07	9.01E-07	9.18E-07	3.31E-07	3.23E-07	2.2624E-03
606820.45	4201672.06	47450.79084	0.01715	0.01722	0.08953	0.09198	0.10004	0.09739	1.66E-03	9.65E-08	9.81E-08	8.17E-07	8.36E-07	3.27E-07	3.18E-07	1.6637E-03
606822.76	4201767.46	36410.67437	0.01251	0.01257	0.08146	0.0837	0.09432	0.09183	1.27E-03	7.04E-08	7.16E-08	7.43E-07	7.60E-07	3.08E-07	3.00E-07	1.2770E-03
606823.52	4201500.3	70261.30198	0.02134	0.02122	0.10016	0.10247	0.09957	0.0975	2.46E-03	1.20E-07	1.21E-07	9.14E-07	9.31E-07	3.26E-07	3.18E-07	2.4625E-03
606827.42	4201586.84	57121.12385	0.01998	0.01991	0.099	0.10153	0.09982	0.09746	2.00E-03	1.12E-07	1.13E-07	9.03E-07	9.22E-07	3.26E-07	3.18E-07	2.0025E-03
606829.21	4201623.71	52301.39822	0.01905	0.01903	0.09568	0.09827	0.09924	0.0968	1.83E-03	1.07E-07	1.08E-07	8.73E-07	8.93E-07	3.25E-07	3.16E-07	1.8336E-03
606836.03	4201452.56	76912.24399	0.02215	0.02204	0.1006	0.10286	0.0969	0.09506	2.69E-03	1.25E-07	1.26E-07	9.18E-07	9.34E-07	3.17E-07	3.10E-07	2.6954E-03
606838.55	4201678.09	45287.20152	0.01726	0.01738	0.09249	0.09507	0.09666	0.09415	1.59E-03	9.71E-08	9.90E-08	8.44E-07	8.64E-07	3.16E-07	3.07E-07	1.5880E-03
606839.22	4201718.98	41111.54246	0.01533	0.01546	0.08889	0.09137	0.0948	0.0923	1.44E-03	8.62E-08	8.81E-08	8.11E-07	8.30E-07	3.10E-07	3.01E-07	1.4417E-03
606840.61	4201535.61	62092.4323	0.02169	0.02159	0.10369	0.10628	0.09744	0.0953	2.17E-03	1.22E-07	1.23E-07	9.46E-07	9.65E-07	3.19E-07	3.11E-07	2.1766E-03
606848.02	4201501.43	65468.20188	0.02261	0.02249	0.10582	0.10834	0.09567	0.09369	2.29E-03	1.27E-07	1.28E-07	9.65E-07	9.84E-07	3.13E-07	3.06E-07	2.2948E-03
606848.84	4201591.3	53938.76969	0.02064	0.02062	0.10272	0.10548	0.09623	0.09397	1.89E-03	1.16E-07	1.17E-07	9.37E-07	9.58E-07	3.15E-07	3.07E-07	1.8911E-03
606849.73	4201627.88	49706.19407	0.01946	0.01951	0.09904	0.10181	0.09583	0.0935	1.74E-03	1.09E-07	1.11E-07	9.03E-07	9.25E-07	3.13E-07	3.05E-07	1.7428E-03
606852.3	4201771.34	34674.89977	0.01303	0.013	0.0869	0.08937	0.08934	0.08704	1.21E-03	7.33E-08	7.41E-08	7.93E-07	8.12E-07	2.92E-07	2.84E-07	1.2163E-03
606854.57	4201452.21	72700.10239	0.02321	0.02309	0.10489	0.10726	0.0941	0.09233	2.55E-03	1.31E-07	1.32E-07	9.57E-07	9.74E-07	3.08E-07	3.01E-07	2.5480E-03
606859.41	4201535.04	59301.59331	0.02261	0.02254	0.10807	0.11089	0.09446	0.09241	2.08E-03	1.27E-07	1.28E-07	9.86E-07	1.01E-06	3.09E-07	3.02E-07	2.0790E-03
606861.34	4201681.44	43143.85009	0.01763	0.01778	0.09735	0.10014	0.09274	0.09035	1.51E-03	9.92E-08	1.01E-07	8.88E-07	9.10E-07	3.03E-07	2.95E-07	1.5130E-03
606866.7	4201722.33	39061.86864	0.01571	0.01579	0.09424	0.09694	0.09019	0.08788	1.37E-03	8.84E-08	9.00E-08	8.60E-07	8.81E-07	2.95E-07	2.87E-07	1.3700E-03
606867.39	4201504.28	61771.74331	0.02362	0.02351	0.11068	0.1134	0.09278	0.09086	2.16E-03	1.33E-07	1.34E-07	1.01E-06	1.03E-06	3.03E-07	2.97E-07	2.1655E-03
606867.57	4201584.76	52500.80569	0.02147	0.02149	0.10694	0.10989	0.09331	0.09116	1.84E-03	1.21E-07	1.22E-07	9.75E-07	9.98E-07	3.05E-07	2.98E-07	1.8408E-03
606873.22	4201634.72	46701.75843	0.01983	0.01996	0.10371	0.1067	0.09199	0.08978	1.63E-03	1.12E-07	1.14E-07	9.46E-07	9.69E-07	3.01E-07	2.93E-07	1.6377E-03
606875.9	4201452.56	67996.1723	0.02472	0.02459	0.11081	0.11344	0.09096	0.08926	2.38E-03	1.39E-07	1.40E-07	1.01E-06	1.03E-06	2.97E-07	2.91E-07	2.3834E-03
606876.03	4201770.85	33786.52642	0.01367	0.01364	0.09188	0.09454	0.08585	0.08369	1.18E-03	7.69E-08	7.77E-08	8.38E-07	8.59E-07	2.81E-07	2.73E-07	1.1852E-03
606876.75	4201686.8	41473.8995	0.01785	0.018	0.10108	0.10402	0.09009	0.08779	1.45E-03	1.00E-07	1.03E-07	9.22E-07	9.45E-07	2.95E-07	2.87E-07	1.4546E-03
606879.35	4201540.17	55947.56026	0.02337	0.02333	0.11258	0.11551	0.09153	0.08954	1.96E-03	1.31E-07	1.33E-07	1.03E-06	1.05E-06	2.99E-07	2.92E-07	1.9616E-03
606884.47	4201502.57	59252.47883	0.0246	0.02452	0.11529	0.11818	0.09025	0.08841	2.07E-03	1.38E-07	1.40E-07	1.05E-06	1.07E-06	2.95E-07	2.89E-07	2.0774E-03
606889.49	4201720.32	37832.22335	0.01642	0.01649	0.09988	0.1028	0.08683	0.08465	1.32E-03	9.23E-08	9.40E-08	9.11E-07	9.34E-07	2.84E-07	2.76E-07	1.3271E-03
606891.36	4201599.33	48385.87219	0.02174	0.02186	0.11094	0.11416	0.08956	0.08749	1.69E-03	1.22E-07	1.25E-07	1.01E-06	1.04E-06	2.93E-07	2.86E-07	1.6968E-03
606892.25	4201637.1	44645.50831	0.02046	0.02064	0.11009	0.11336	0.08877	0.08665	1.56E-03	1.15E-07	1.18E-07	1.00E-06	1.03E-06	2.90E-07	2.83E-07	1.5658E-03
606892.34	4201453.96	64431.97867	0.02597	0.02586	0.11619	0.11897	0.08861	0.08695	2.26E-03	1.46E-07	1.47E-07	1.06E-06	1.08E-06	2.90E-07	2.84E-07	2.2587E-03
606897.31	4201583.27	49357.7499	0.02247	0.02259	0.11325	0.11652	0.08889	0.08688	1.73E-03	1.26E-07	1.29E-07	1.03E-06	1.06E-06	2.91E-07	2.84E-07	1.7309E-03
606898.2	4201691.5	39507.96848	0.01839	0.01855	0.10748	0.1107	0.08664	0.08448	1.38E-03	1.03E-07	1.06E-07	9.80E-07	1.01E-06	2.83E-07	2.76E-07	1.3859E-03
606900.73	4201772.79	32639.74406	0.01432	0.01439	0.0979	0.10078	0.08235	0.08032	1.14E-03	8.05E-08	8.20E-08	8.93E-07	9.15E-07	2.69E-07	2.62E-07	1.1452E-03
606902.13	4201544.16	52687.14508	0.02408	0.02411	0.11749	0.12066	0.08833	0.08643	1.84E-03	1.35E-07	1.37E-07	1.07E-06	1.10E-06	2.89E-07	2.82E-07	1.8475E-03
606905.55	4201522.51	54247.03099	0.02523	0.02525	0.12061	0.12391	0.08763	0.08579	1.90E-03	1.42E-07	1.44E-07	1.10E-06	1.13E-06	2.87E-07	2.80E-07	1.9022E-03
606912.96	4201504.85	54837.60957	0.02615	0.02615	0.12379	0.12704	0.08633	0.08457	1.92E-03	1.47E-07	1.49E-07	1.13E-06	1.15E-06	2.82E-07	2.76E-07	1.9230E-03
606914.38	4201456.76	59992.96126	0.02748	0.02739	0.12366	0.12672	0.0856	0.084	2.10E-03	1.55E-07	1.56E-07	1.13E-06	1.15E-06	2.80E-07	2.74E-07	2.1034E-03
606922.34	4201725.01	35561.86108	0.01687	0.01701	0.10714	0.11035	0.082	0.07999	1.24E-03	9.49E-08	9.69E-08	9.77E-07	1.00E-06	2.68E-07	2.61E-07	1.2477E-03
606923.68	4201691.5	37763.65151	0.01911	0.01933	0.11582	0.11943	0.08298	0.08096	1.32E-03	1.07E-07	1.10E-07	1.06E-06	1.08E-06	2.71E-07	2.64E-07	1.3250E-03
606925.43	4201770.37	31850.7631	0.01485	0.01508	0.10454	0.10767	0.07929	0.07737	1.12E-03	8.35E-08	8.59E-08	9.54E-07	9.78E-07	2.59E-07	2.53E-07	1.1177E-03
606932.92	4201460.96	56504.64716	0.02863	0.0286	0.13014	0.13348	0.08324	0.08168	1.98E-03	1.61E-07	1.63E-07	1.19E-06	1.21E-06	2.72E-07	2.67E-07	1.9814E-03
606935.74	4201641.22	40436.1121	0.02184	0.02215	0.12855	0.13266	0.08227	0.08036	1.42E-03	1.23E-07	1.26E-07	1.17E-06	1.21E-06	2.69E-07	2.62E-07	1.4188E-03
606940.44	4201723.67	34640.09603	0.01731	0.01755	0.11262	0.11609	0.07967	0.07775	1.21E-03	9.74E-08	1.00E-07	1.03E-06	1.05E-06	2.61E-07	2.54E-07	1.2155E-03
606941.11	4201611.06	42410.47868	0.02307	0.02338	0.12955	0.13369	0.08224	0.08038	1.48E-03	1.30E-07	1.33E-07	1.18E-06	1.21E-06	2.69E-07	2.62E-07	1.4879E-03
606942.45	4201591.62	43949.67469	0.02372	0.02401	0.12828	0.13234	0.08246	0.08063	1.54E-03	1.33E-07	1.37E-07	1.17E-06	1.20E-06	2.70E-07	2.63E-07	1.5418E-03
606947.14	4201691.5	36259.07318	0.01957	0.01988	0.12339	0.12741	0.07986	0.07793	1.27E-03	1.10E-07	1.13E-07	1.13E-06	1.16E-06	2.61E-07	2.54E-07	1.2724E-03
606947.26	4201548.33	47197.1322	0.02549	0.02572	0.12883	0.13277	0.08234	0.0806	1.65E-03	1.43E-07	1.47E-07	1.18E-06	1.21E-06	2.69E-07	2.63E-07	1.6555E-03
606948.68	4201774.24	30772.51821	0.01503	0.01541	0.11206	0.11554	0.07631	0.07449	1.08E-03	8.45E-08	8.78E-08	1.02E-06	1.05E-06	2.50E-07	2.43E-07	1.0801E-03
606951.81	4201517.55	49037.70116	0.02766	0.02786	0.13548	0.13944	0.08159	0.07993	1.72E-03	1.56E-07	1.59E-07	1.24E-06	1.27E-06	2.67E-07	2.61E-07	1.7201E-03
606952.5	4201465.5	53199.06021	0.02979	0.02984	0.13756	0.14123	0.08087	0.07934	1.86E-03	1.68E-07	1.70E-07	1.25E-06	1.28E-06	2.64E-07	2.59E-07	1.8658E-03
606957.19	4201638.54	39014.41903	0.02236	0.02273	0.13595	0.1405	0.07956	0.07774	1.37E-03	1.26E-07	1.30E-07	1.24E-06	1.28E-06	2.60E-07	2.54E-07	1.3691E-03
606965.8	4201551.48	45023.16951	0.02597	0.02629	0.13496	0.13925	0.08	0.07831	1.58E-03	1.46E-07	1.50E-07	1.23E-06	1.26E-06	2.62E-07	2.56E-07	1.5795E-03
606967.25	4201725.68	33070.35776	0.01741	0.01782	0.12065	0.12455	0.07625	0.07445	1.16E-03	9.79E-08	1.02E-07	1.10E-06	1.13E-06	2.49E-07	2.43E-07	1.1607E-03
606969.26	4201597.65	41062.50378	0.02426	0.02465	0.13912	0.14379	0.07891	0.07718	1.44E-03	1.36E-07	1.40E-07	1.27E-06	1.31E-06	2.58E-07	2.52E-07	1.4409E-03
606970	4201519.99	46918.98099	0.02805	0.02834	0.14103	0.14512	0.07947	0.07786	1.64E-03	1.58E-07	1.61E-07	1.29E-06	1.32E-06	2.60E-07	2.54E-07	1.6460E-03
606973.28	4201692.84	34582.26636	0.01986	0.02027	0.13269	0.13725	0.07654	0.07473	1.21E-03	1.12E-07	1.15E-07	1.21E-06	1.25E-06	2.50E-07	2.44E-07	1.2139E-03
606974.19	4201467.6	50154.70317	0.03111	0.03128	0.14665	0.15078	0.07833	0.07686	1.76E-03	1.75E-07	1.78E-07	1.34E-06	1.37E-06	2.56E-07	2.51E-07	1.7594E-03
606981.54	4201556.73	43101.44053	0.02619	0.0266	0.14063	0.14526	0.07805	0.07641	1.51E-03	1.47E-07	1.52E-07	1.28E-06	1.32E-06	2.55E-07	2.49E-07	1.5123E-03
606983.34	4201639.21	37095.82324	0.0228	0.02322	0.14597	0.15117	0.07635	0.07464	1.30E-03	1.28E-07	1.32E-07	1.33E-06	1.37E-06	2.50E-07	2.44E-07	1.3021E-03
606986.02	4201605.69	39113.70576	0.02433	0.02478	0.14672	0.15184	0.07673	0.07505	1.37E-03	1.37E-07	1.41E-07	1.34E-06	1.38E-06	2.51E-07	2.45E-07	1.3728E-03
606989.24	4201523.49	44687.61345	0.02847	0.02888	0.14777	0.15247	0.07724	0.07568	1.56E-03	1.60E-07	1.65E-07	1.35E-06	1.39E-06	2.53E-07	2.47E-07	1.5680E-03
606994.48	4201473.2	47202.61995	0.03202	0.03234	0.15625	0.16081	0.07602	0.07459	1.65E-03	1.80E-07	1.84E-07	1.43E-06	1.46E-06	2.49E-07	2.43E-07	1.6563E-03
606994.73	4201727.69	31556.6294	0.01722	0.0177	0.12976	0.13418	0.07297	0.07129	1.10E-03	9.68E-08	1.01E-07	1.18E-06	1.22E-06	2.39E-07	2.33E-07	1.1078E-03
606995.17	4201774.24	29022.8452	0.01507	0.01545	0.12866	0.133	0.07106	0.06944	1.02E-03	8.48E-08	8.80E-08	1.17E-06	1.21E-06	2.32E-07	2.27E-07	1.0191E-03
606999.43	4201694.18	33009.17011	0.01996	0.02044	0.14285	0.14806	0.07343	0.07174	1.16E-03	1.12E-07	1.16E-07	1.30E-06	1.34E-06	2.40E-07	2.34E-07	1.1590E-03
607000.43	4201559.18	41242.05036	0.0265	0.027	0.14717	0.15228	0.07585	0.07427	1.44E-03	1.49E-07	1.54E-07	1.34E-06	1.38E-06	2.48E-07	2.42E-07	1.4474E-03
607006.13	4201605.69	37562.76432	0.02481	0.0253	0.15648	0.1622	0.07438	0.07277	1.32E-03	1.40E-07	1.44E-07	1.43E-06	1.47E-06	2.43E-07	2.38E-07	1.3187E-03
607006.8	4201642.56	35315.63772	0.02304	0.0235	0.15618	0.16208	0.07357	0.07194	1.24E-03	1.30E-07	1.34E-07	1.42E-06	1.47E-06	2.41E-07	2.35E-07	1.2400E-03
607008.48	4201525.94	42648.11828	0.02895	0.02946	0.15601	0.1612	0.07507	0.07357	1.49E-03	1.63E-07	1.68E-07	1.42E-06	1.46E-06	2.46E-07	2.40E-07	1.4968E-03

607012.32	4201474.6	45174.49367	0.03295	0.03341	0.16568	0.1708	0.07412	0.07273	1.58E-03	1.85E-07	1.90E-07	1.51E-06	1.55E-06	2.42E-07	2.37E-07	1.5854E-03
607016.85	4201734.4	30141.18159	0.01679	0.0172	0.13781	0.14271	0.0703	0.06871	1.06E-03	9.44E-08	9.80E-08	1.26E-06	1.30E-06	2.30E-07	2.24E-07	1.0584E-03
607018.28	4201564.42	39384.88582	0.02662	0.0272	0.1551	0.16075	0.07379	0.07226	1.38E-03	1.50E-07	1.55E-07	1.41E-06	1.46E-06	2.41E-07	2.36E-07	1.3825E-03
607019.38	4201778.6	27840.16781	0.01516	0.01542	0.13973	0.1447	0.06838	0.06685	9.75E-04	8.53E-08	8.79E-08	1.27E-06	1.31E-06	2.24E-07	2.18E-07	9.7786E-04
607022.22	4201611.73	35932.35253	0.02514	0.02567	0.1689	0.17517	0.07237	0.07081	1.26E-03	1.41E-07	1.46E-07	1.54E-06	1.59E-06	2.37E-07	2.31E-07	1.2618E-03
607024.22	4201530.14	40939.21116	0.02915	0.02975	0.16334	0.16907	0.07334	0.07188	1.43E-03	1.64E-07	1.70E-07	1.49E-06	1.54E-06	2.40E-07	2.35E-07	1.4371E-03
607024.23	4201700.21	31376.87015	0.01968	0.02015	0.15255	0.15841	0.07055	0.06896	1.10E-03	1.11E-07	1.15E-07	1.39E-06	1.44E-06	2.31E-07	2.25E-07	1.1020E-03
607026.25	4202541.14	8034.09101	0.00835	0.00839	1.18461	1.42918	0.03902	0.03834	2.81E-04	4.70E-08	4.78E-08	1.08E-05	1.30E-05	1.28E-07	1.25E-07	3.0540E-04
607027.58	4201648.59	33693.33239	0.02304	0.0235	0.16542	0.17204	0.07118	0.06962	1.18E-03	1.30E-07	1.34E-07	1.51E-06	1.56E-06	2.33E-07	2.27E-07	1.1834E-03
607027.66	4202519.84	8270.39061	0.00854	0.00858	1.11494	1.37262	0.03972	0.03902	2.90E-04	4.80E-08	4.89E-08	1.02E-05	1.25E-05	1.30E-07	1.27E-07	3.1253E-04
607028.76	4201479.84	43155.79214	0.03345	0.03405	0.17529	0.18093	0.07244	0.07108	1.51E-03	1.88E-07	1.94E-07	1.60E-06	1.64E-06	2.37E-07	2.32E-07	1.5149E-03
607029.94	4202561.66	7809.38407	0.00821	0.00825	1.31202	1.62804	0.03818	0.03752	2.73E-04	4.62E-08	4.70E-08	1.20E-05	1.48E-05	1.25E-07	1.22E-07	3.0050E-04
607034.05	4202579.72	7623.12434	0.00811	0.00814	1.41626	1.83886	0.03744	0.0368	2.67E-04	4.56E-08	4.64E-08	1.29E-05	1.67E-05	1.22E-07	1.20E-07	2.9684E-04
607037.52	4201565.47	37802.31478	0.02687	0.02753	0.16412	0.17039	0.07171	0.07024	1.32E-03	1.51E-07	1.57E-07	1.50E-06	1.55E-06	2.35E-07	2.29E-07	1.3272E-03
607039.63	4202508.96	8379.2563	0.00872	0.00876	1.28314	1.68238	0.03968	0.03898	2.93E-04	4.90E-08	4.99E-08	1.17E-05	1.53E-05	1.30E-07	1.27E-07	3.2069E-04
607040.32	4201615.75	34354.81668	0.02541	0.02597	0.18359	0.19094	0.07022	0.06872	1.20E-03	1.43E-07	1.48E-07	1.67E-06	1.73E-06	2.30E-07	2.24E-07	1.2069E-03
607040.61	4202600.65	7416.67062	0.008	0.00804	1.57615	2.16727	0.03655	0.03594	2.60E-04	4.50E-08	4.58E-08	1.44E-05	1.97E-05	1.20E-07	1.17E-07	2.9404E-04
607042.07	4201533.29	39192.69712	0.02953	0.0302	0.17372	0.18005	0.07142	0.07001	1.37E-03	1.66E-07	1.72E-07	1.58E-06	1.64E-06	2.34E-07	2.29E-07	1.3761E-03
607044.32	4202654.11	6954.13502	0.0077	0.00774	1.17884	1.65085	0.03481	0.03425	2.43E-04	4.33E-08	4.41E-08	1.08E-05	1.50E-05	1.14E-07	1.12E-07	2.6952E-04
607044.34	4201706.91	30062.22505	0.01935	0.01973	0.16075	0.16718	0.06828	0.06676	1.05E-03	1.09E-07	1.12E-07	1.47E-06	1.52E-06	2.23E-07	2.18E-07	1.0561E-03
607044.34	4201729.71	29102.80955	0.01726	0.01755	0.15117	0.15692	0.06764	0.06613	1.02E-03	9.71E-08	1.00E-07	1.38E-06	1.43E-06	2.21E-07	2.16E-07	1.0223E-03
607044.57	4201783.93	26640.73805	0.01535	0.0155	0.15256	0.1583	0.06572	0.06427	9.33E-04	8.63E-08	8.83E-08	1.39E-06	1.44E-06	2.15E-07	2.10E-07	9.3610E-04
607047.25	4202491.54	8576.3468	0.00894	0.00898	1.29143	1.75739	0.04002	0.0393	3.00E-04	5.03E-08	5.12E-08	1.18E-05	1.60E-05	1.31E-07	1.28E-07	3.2835E-04
607048.02	4202674.63	6787.43108	0.00761	0.00764	0.99094	1.42595	0.03409	0.03356	2.38E-04	4.28E-08	4.35E-08	9.04E-06	1.30E-05	1.11E-07	1.10E-07	2.5992E-04
607050.37	4201654.63	32062.64562	0.02306	0.0235	0.17724	0.18477	0.06868	0.06719	1.12E-03	1.30E-07	1.34E-07	1.62E-06	1.68E-06	2.25E-07	2.19E-07	1.1265E-03
607052.12	4202692.69	6644.85564	0.00753	0.00756	0.80743	1.1978	0.03345	0.03293	2.33E-04	4.23E-08	4.31E-08	7.36E-06	1.09E-05	1.09E-07	1.07E-07	2.5118E-04
607053.24	4201471.1	41376.90468	0.03528	0.03607	0.19217	0.19873	0.06998	0.0687	1.45E-03	1.98E-07	2.06E-07	1.75E-06	1.81E-06	2.29E-07	2.24E-07	1.4530E-03
607054.99	4201488.59	40204.47998	0.03397	0.03477	0.19273	0.19948	0.06984	0.06853	1.41E-03	1.91E-07	1.98E-07	1.76E-06	1.81E-06	2.28E-07	2.24E-07	1.4119E-03
607055.01	4201570.37	36195.60366	0.02696	0.02766	0.17491	0.18193	0.06982	0.0684	1.27E-03	1.52E-07	1.58E-07	1.60E-06	1.65E-06	2.28E-07	2.23E-07	1.2712E-03
607055.96	4202475.22	8766.82141	0.00916	0.0092	1.32754	1.84232	0.04027	0.03955	3.07E-04	5.15E-08	5.24E-08	1.21E-05	1.67E-05	1.32E-07	1.29E-07	3.3613E-04
607057.74	4201619.77	32974.20381	0.02555	0.02608	0.19715	0.20532	0.06828	0.06684	1.15E-03	1.44E-07	1.49E-07	1.80E-06	1.87E-06	2.23E-07	2.18E-07	1.1588E-03
607058.69	4202713.61	6484.99433	0.00745	0.00748	0.61933	0.92444	0.03267	0.03217	2.27E-04	4.19E-08	4.26E-08	5.65E-06	8.40E-06	1.07E-07	1.05E-07	2.4138E-04
607058.84	4201453.26	41940.67071	0.03709	0.03791	0.19744	0.20418	0.06941	0.06817	1.47E-03	2.09E-07	2.16E-07	1.80E-06	1.85E-06	2.27E-07	2.23E-07	1.4728E-03
607061.31	4201537.14	37411.35571	0.02988	0.03059	0.18621	0.19337	0.06943	0.06806	1.31E-03	1.68E-07	1.74E-07	1.70E-06	1.76E-06	2.27E-07	2.22E-07	1.3140E-03
607067.8	4201707.58	28892.80516	0.01977	0.02006	0.17576	0.1833	0.06592	0.06446	1.01E-03	1.11E-07	1.14E-07	1.60E-06	1.67E-06	2.16E-07	2.10E-07	1.0154E-03
607070.72	4201786.83	25574.69047	0.01579	0.0159	0.16803	0.1748	0.0632	0.06184	8.95E-04	8.88E-08	9.06E-08	1.53E-06	1.59E-06	2.07E-07	2.02E-07	8.9905E-04
607071.8	4201574.57	34741.62348	0.02755	0.02818	0.18881	0.19677	0.06804	0.06666	1.22E-03	1.55E-07	1.61E-07	1.72E-06	1.79E-06	2.23E-07	2.18E-07	1.2205E-03
607073.16	4201742.44	27291.14823	0.01738	0.01754	0.16829	0.17519	0.06444	0.06304	9.55E-04	9.77E-08	9.99E-08	1.54E-06	1.59E-06	2.11E-07	2.06E-07	9.5918E-04
607076.51	4201655.3	30566.42021	0.02366	0.02411	0.19624	0.20527	0.06606	0.06465	1.07E-03	1.33E-07	1.37E-07	1.79E-06	1.86E-06	2.16E-07	2.11E-07	1.0745E-03
607078.53	4201622.45	31616.42277	0.02591	0.02641	0.21295	0.22243	0.0662	0.06481	1.11E-03	1.46E-07	1.50E-07	1.94E-06	2.02E-06	2.16E-07	2.12E-07	1.1115E-03
607078.8	4201540.99	35869.51328	0.03021	0.03094	0.19951	0.20759	0.06767	0.06634	1.26E-03	1.70E-07	1.76E-07	1.82E-06	1.89E-06	2.21E-07	2.17E-07	1.2602E-03
607079.65	4202427.69	9384.75898	0.0096	0.00964	1.11107	1.55236	0.04107	0.04033	3.29E-04	5.40E-08	5.49E-08	1.01E-05	1.41E-05	1.34E-07	1.32E-07	3.5316E-04
607081.85	4201948.62	18996.41524	0.01559	0.01571	0.2593	0.27479	0.0563	0.05509	6.65E-04	8.77E-08	8.95E-08	2.37E-06	2.50E-06	1.84E-07	1.80E-07	6.7045E-04
607081.85	4201998.62	17714.08423	0.01383	0.01392	0.24452	0.26162	0.05488	0.05372	6.20E-04	7.78E-08	7.93E-08	2.23E-06	2.38E-06	1.79E-07	1.75E-07	6.2527E-04
607081.85	4202048.62	16422.90443	0.01268	0.01276	0.23911	0.25636	0.05329	0.05219	5.75E-04	7.13E-08	7.27E-08	2.18E-06	2.33E-06	1.74E-07	1.70E-07	5.7995E-04
607081.85	4202098.62	15253.57965	0.01166	0.01172	0.23538	0.25116	0.0517	0.05064	5.34E-04	6.56E-08	6.68E-08	2.15E-06	2.28E-06	1.69E-07	1.65E-07	5.3891E-04
607081.85	4202148.62	14129.14115	0.01108	0.01115	0.25661	0.27388	0.04999	0.04898	4.95E-04	6.23E-08	6.35E-08	2.34E-06	2.49E-06	1.63E-07	1.60E-07	4.9993E-04
607081.85	4202198.62	13057.00804	0.01088	0.01095	0.31477	0.33806	0.04823	0.04727	4.57E-04	6.12E-08	6.24E-08	2.87E-06	3.07E-06	1.58E-07	1.54E-07	4.6349E-04
607081.85	4202248.62	12039.96531	0.01085	0.01091	0.41559	0.45098	0.04645	0.04554	4.22E-04	6.10E-08	6.22E-08	3.79E-06	4.10E-06	1.52E-07	1.49E-07	4.2982E-04
607081.85	4202298.62	11213.77371	0.01042	0.01048	0.52744	0.58547	0.04489	0.04403	3.93E-04	5.86E-08	5.97E-08	4.81E-06	5.32E-06	1.47E-07	1.44E-07	4.0312E-04
607081.85	4202348.62	10500.77713	0.00983	0.00989	0.66595	0.77575	0.04343	0.04262	3.68E-04	5.53E-08	5.63E-08	6.07E-06	7.05E-06	1.42E-07	1.39E-07	3.8114E-04
607081.85	4202398.62	9799.02292	0.00964	0.00969	0.87182	1.09768	0.04194	0.04118	3.43E-04	5.42E-08	5.52E-08	7.95E-06	9.97E-06	1.37E-07	1.34E-07	3.6136E-04
607081.85	4202448.62	9079.96224	0.00959	0.00963	1.52715	2.43834	0.04025	0.03954	3.18E-04	5.39E-08	5.49E-08	1.39E-05	2.22E-05	1.32E-07	1.29E-07	3.5433E-04
607081.85	4202498.62	8402.20288	0.00911	0.00915	3.63524	2.9109	0.03845	0.03778	2.94E-04	5.12E-08	5.21E-08	3.32E-05	2.64E-05	1.26E-07	1.23E-07	3.5411E-04
607081.85	4202548.62	7856.56948	0.00866	0.0087	2.38887	5.19998	0.03687	0.03625	2.75E-04	4.87E-08	4.96E-08	2.18E-05	4.72E-05	1.21E-07	1.18E-07	3.4442E-04
607081.85	4202598.62	7377.62414	0.00826	0.00829	3.58967	4.08429	0.03537	0.03479	2.58E-04	4.65E-08	4.72E-08	3.27E-05	3.71E-05	1.16E-07	1.14E-07	3.2845E-04
607081.85	4202648.62	6959.1509	0.00794	0.00797	4.11622	4.08095	0.03396	0.03342	2.44E-04	4.47E-08	4.54E-08	3.75E-05	3.71E-05	1.11E-07	1.09E-07	3.1856E-04
607081.85	4202698.62	6576.13663	0.00764	0.00767	1.59569	2.82675	0.03256	0.03206	2.30E-04	4.30E-08	4.37E-08	1.46E-05	2.57E-05	1.06E-07	1.05E-07	2.7076E-04
607081.85	4202748.62	6224.77649	0.00737	0.00739	0.48014	0.67828	0.03116	0.0307	2.18E-04	4.14E-08	4.21E-08	4.38E-06	6.16E-06	1.02E-07	1.00E-07	2.2875E-04
607088.6	4201577.72	33415.76075	0.0281	0.0287	0.20483	0.21384	0.06633	0.06499	1.17E-03	1.58E-07	1.64E-07	1.87E-06	1.94E-06	2.17E-07	2.12E-07	1.1744E-03
607090.34	4202416.33	9503.48178	0.00972	0.00977	1.18421	1.64053	0.04098	0.04025	3.33E-04	5.47E-08	5.57E-08	1.08E-05	1.49E-05	1.34E-07	1.31E-07	3.5879E-04
607092.51	4201790.71	24627.26373	0.01685	0.01698	0.18996	0.19832	0.06117	0.05987	8.62E-04	9.48E-08	9.67E-08	1.73E-06	1.80E-06	2.00E-07	1.95E-07	8.6630E-04
607093.27	4201712.28	27550.1729	0.02009	0.02031	0.19293	0.20184	0.06339	0.06203	9.65E-04	1.13E-07	1.16E-07	1.76E-06	1.83E-06	2.07E-07	2.02E-07	9.6874E-04
607094.61	4201741.77	26415.28978	0.01834	0.0185	0.18677	0.19507	0.0625	0.06116	9.25E-04	1.03E-07	1.05E-07	1.70E-06	1.77E-06	2.04E-07	2.00E-07	9.2886E-04
607098.04	4201544.48	34299.08427	0.03078	0.0315	0.21762	0.22661	0.06578	0.0645	1.20E-03	1.73E-07	1.79E-07	1.98E-06	2.06E-06	2.15E-07	2.11E-07	1.2056E-03
607099.31	4201628.48	30233.05337	0.02621	0.02666	0.2304	0.24153	0.06418	0.06285	1.06E-03	1.47E-07	1.52E-07	2.10E-06	2.19E-06	2.10E-07	2.05E-07	1.0634E-03
607099.98	4201657.98	29212.54919	0.02422	0.02463	0.21696	0.22771	0.06378	0.06244	1.02E-03	1.36E-07	1.40E-07	1.98E-06	2.07E-06	2.09E-07	2.04E-07	1.0274E-03
607103.71	4202402.3	9646.24258	0.00988	0.00994	1.29551	1.78217	0.04085	0.04012	3.38E-04	5.56E-08	5.66E-08	1.18E-05	1.62E-05	1.34E-07	1.31E-07	3.6609E-04
607106.06	4201502.23	35390.93529	0.03484	0.03575	0.23715	0.24695	0.06503	0.06381	1.24E-03	1.96E-07	2.04E-07	2.16E-06	2.24E-06	2.13E-07	2.08E-07	1.2442E-03
607109.45	4201582.54	31810.66046	0.02889	0.02946	0.22887	0.23941	0.06424	0.06295	1.11E-03	1.62E-07	1.68E-07	2.09E-06	2.17E-06	2.10E-07	2.05E-07	1.1187E-03
607109.71	4201481.99	36017.95563	0.03677	0.03778	0.24319	0.25318	0.06471	0.06353	1.26E-03	2.07E-07	2.15E-07	2.22E-06	2.30E-06	2.12E-07	2.07E-07	1.2663E-03
607111.31	4201455.71	37196.34847	0.03953	0.04068	0.24876	0.2588	0.06463	0.06349	1.30E-03	2.22E-07	2.32E-07	2.27E-06	2.35E-06	2.11E-07	2.07E-07	1.3077E-03
607114.05	4201708.25	26772.36276	0.02107	0.02131	0.21369	0.22438	0.06155	0.06026	9.37E-04	1.19E-07	1.21E-07	1.95E-06	2.04E-06	2.01E-07	1.97E-07	9.4190E-04
607114.38	4201550.44	32917.59946	0.03112	0.0318	0.23421	0.24453	0.06421	0.06296	1.15E-03	1.75E-07	1.81E-07	2.14E-06	2.22E-06	2.10E-07	2.06E-07	1.1575E-03
607114.79	4201795.07	23627.08671	0.01821	0.01838	0.22378	0.2349	0.05907	0.05783	8.27E-04	1.02E-07	1.05E-07	2.04E-06	2.13E-06	1.93E-07	1.89E-07	8.3193E-04
607116.06	4201742.44	25503.69411	0.01939	0.01957	0.21023	0.2205	0.06058	0.0593	8.93E-04	1.09E-07	1.12E-07	1.92E-06	2.00E-06	1.98E-07	1.94E-07	8.9739E-04
607116.4	4202391.6	9738.55701	0.01005	0.01011	1.48639	2.09629	0.04062	0.0399	3.41E-04	5.65E-08	5.76E-08	1.36E-05	1.90E-05	1.33E-07	1.30E-07	3.7392E-04
607118.75	4201626.47	29293.01117	0.02697	0.02741	0.24968	0.2625	0.06248	0.06121	1.03E-03	1.52E-07	1.56E-07	2.28E-06	2.38E-06	2.04E-07	2.00E-07	1.0309E-03
607121.43	4201658.65	28088.17579	0.02509	0.02547	0.24264	0.25575	0.0618	0.06053	9.83E-04	1.41E-07	1.45E-07	2.21E-06	2.32E-06	2.02E-07	1.98E-07	9.8856E-04
607125.91	4201581.72	30845.46385	0.02974	0.03032	0.24821	0.26041	0.06275	0.06151	1.08E-03	1.67E-07	1.73E-07	2.26E-06	2.37E-06	2.05E-07	2.01E-07	1.0852E-03
607128.43	4202382.25	9812.0152	0.01022	0.01028	1.73611	2.48733	0.04037	0.03965	3.44E-04	5.75E-08	5.86E-08	1.58E-05	2.26E-05	1.32E-07	1.29E-07	3.8232E-04
607130.44	4202366.21	10019.91152	0.01033	0.01038	1.49925	2.00942	0.04072	0.03999	3.51E-04	5.81E-08	5.91E-08	1.37E-05	1.83E-05	1.33E-07	1.31E-07	3.8310E-04
607131.69	4202533.61	7883.28344	0.00909	0.00913	3.00831	2.43831	0.03563	0.03504	2.76E-04	5.11E-08	5.20E-08	2.74E-05	2.21E-05	1.17E-07	1.14E-07	3.2591E-04
607131.85	4201948.62	18259.43983	0.01603	0.01617	0.30932	0.33101	0.05294	0.05186	6.39E-04	9.02E-08	9.21E-08	2.82E-06	3.01E-06	1.73E-07	1.69E-07	6.4560E-04
607131.85	4201998.62	17010.16307	0.01451	0.01463	0.30165	0.32673	0.0515	0.05046	5.96E-04	8.16E-08	8.34E-08	2.75E-06	2.97E-06	1.68E-07	1.65E-07	6.0173E-04
607131.85	4202048.62	15809.63538	0.01348	0.01359	0.29851	0.32489	0.05006	0.04906	5.53E-04	7.58E-08	7.74E-08	2.72E-06	2.95E-06	1.64E-07	1.60E-07	5.5963E-04
607131.85	4202098.62	14688.68146	0.01262	0.01273	0.3037	0.32881	0.04857	0.04761	5.14E-04	7.10E-08	7.25E-08	2.77E-06	2.99E-06	1.59E-07	1.55E-07	5.2045E-04
607131.85	4202148.62	13634.96194	0.01201	0.01211	0.33719	0.36456	0.04702	0.0461	4.77E-04	6.75E-08	6.90E-08	3.08E-06	3.31E-06	1.54E-07	1.50E-07	4.8418E-04
607131.85	4202198.62	12592.95655	0.01192	0.01199	0.44637	0.48997	0.04532	0.04445	4.41E-04	6.70E-08	6.83E-08	4.07E-06	4.45E-06	1.48E-07	1.45E-07	4.4982E-04
607131.85	4202248.62	11617.81828	0.01183	0.01191	0.5938	0.65391	0.04367	0.04284	4.07E-04	6.65E-08	6.79E-08	5.42E-06	5.94E-06	1.43E-07	1.40E-07	4.1850E-04
607131.85	4202298.62	10937.67049	0.01099	0.01106	0.82549	0.94209	0.04245	0.04166	3.83E-04	6.18E-08	6.30E-08	7.53E-06	8.56E-06	1.39E-07	1.36E-07	3.9940E-04
607131.85	4202348.62	10258.2324	0.01034	0.01039	1.26227	1.60444	0.04114	0.0404	3.59E-04	5.82E-08	5.92E-08	1.15E-05	1.46E-05	1.35E-07	1.32E-07	3.8560E-04
607131.85	4202398.62	9552.84894	0.01026	0.01031	2.65785	4.3951	0.03972	0.03902	3.34E-04	5.77E-08	5.87E-08	2.42E-05	3.99E-05	1.30E-07	1.27E-07	3.9898E-04
607131.85	4202448.62	8838.92539	0.00996	0.01001	4.03909	4.95792	0.03809	0.03743	3.09E-04	5.60E-08	5.70E-08	3.68E-05	4.50E-05	1.25E-07	1.22E-07	3.9168E-04
607131.85	4202498.62	8240.00929	0.00941	0.00946	3.77593	2.82159	0.03658	0.03596	2.88E-04	5.29E-08	5.39E-08	3.44E-05	2.56E-05	1.20E-07	1.17E-07	3.4889E-04
607131.85	4202548.62	7736.41934	0.00895	0.009	2.80972	2.35528	0.03521	0.03464	2.71E-04	5.03E-08	5.13E-08	2.56E-05	2.14E-05	1.15E-07	1.13E-07	3.1820E-04
607131.85	4202598.62	7286.72142	0.00855	0.00859	2.90125	2.36509	0.0339	0.03336	2.55E-04	4.81E-08	4.89E-08	2.65E-05	2.15E-05	1.11E-07	1.09E-07	3.0337E-04
607131.85	4202648.62	6888.80697	0.00821	0.00824	3.99737	2.98263	0.03265	0.03215	2.41E-04	4.62E-08	4.69E-08	3.65E-05	2.71E-05	1.07E-07	1.05E-07	3.0503E-04
607131.85	4202698.62	6521.82288	0.00789	0.00792	5.09593	4.60396	0.0314	0.03093	2.28E-04	4.44E-08	4.51E-08	4.65E-05	4.18E-05	1.03E-07	1.01E-07	3.1692E-04
607131.85	4202748.62	6184.15433	0.0076	0.00762	1.01927	1.4167	0.03014	0.02971	2.17E-04	4.27E-08	4.34E-08	9.30E-06	1.29E-05	9.86E-08	9.70E-08	2.3895E-04
607134.16	4201710.27	25826.68247	0.02187	0.02214	0.23832	0.25128	0.05971	0.05848	9.04E-04	1.23E-07	1.26E-07	2.17E-06	2.28E-06	1.95E-07	1.91E-07	9.0926E-04
607134.55	4201552.91	31479.40997	0.03212	0.0328	0.26128	0.27387	0.06233	0.06113	1.10E-03	1.81E-07	1.87E-07	2.38E-06	2.49E-06	2.04E-07	2.00E-07	1.1077E-03
607135.38	4202554.13	7674.65055	0.00893	0.00897	2.60146	2.20941	0.03495	0.03438	2.69E-04	5.02E-08	5.11E-08	2.37E-05	2.01E-05	1.14E-07	1.12E-07	3.1281E-04
607137.51	4201741.77	24648.84508	0.02062	0.02086	0.24155	0.2546	0.05866	0.05745	8.63E-04	1.16E-07	1.19E-07	2.20E-06	2.31E-06	1.92E-07	1.88E-07	8.6806E-04
607138.86	4201627.81	28228.20447	0.02768	0.02811	0.27348	0.2885	0.06073	0.0595	9.88E-04	1.56E-07	1.60E-07	2.49E-06	2.62E-06	1.99E-07	1.94E-07	9.9407E-04
607139.48	4202572.19	7496.97023	0.00879	0.00883	2.39128	2.04657	0.03434	0.03379	2.62E-04	4.94E-08	5.03E-08	2.18E-05	1.86E-05	1.12E-07	1.10E-07	3.0319E-04
607139.67	4201507.22	32757.21647	0.03592	0.03676	0.27745	0.2902	0.06199	0.06085	1.15E-03	2.02E-07	2.09E-07	2.53E-06	2.64E-06	2.03E-07	1.99E-07	1.1528E-03
607140.46	4201489.08	33479.12209	0.03765	0.0386	0.28166	0.29459	0.06204	0.06091	1.17E-03	2.12E-07	2.20E-07	2.57E-06	2.68E-06	2.03E-07	1.99E-07	1.1782E-03
607140.94	4201796.52	22578.66712	0.02017	0.02041	0.28164	0.29807	0.05673	0.05556	7.90E-04	1.13E-07	1.16E-07	2.57E-06	2.71E-06	1.86E-07	1.81E-07	7.9633E-04
607142.23	4202652.61	6841.64377	0.00824	0.00828	3.16766	2.47528	0.03229	0.0318	2.40E-04	4.63E-08	4.72E-08	2.89E-05	2.25E-05	1.06E-07	1.04E-07	2.9120E-04
607143.61	4201470.95	34064.63453	0.03972	0.04078	0.29049	0.30379	0.06187	0.06077	1.19E-03	2.23E-07	2.32E-07	2.65E-06	2.76E-06	2.02E-07	1.98E-07	1.1988E-03
607145.14	4202352.84	10142.52397	0.01042	0.01047	1.67849	2.25552	0.04046	0.03974	3.55E-04	5.86E-08	5.97E-08	1.53E-05	2.05E-05	1.32E-07	1.30E-07	3.9126E-04
607145.92	4202673.12	6684.84443	0.00813	0.00816	3.41325	2.58245	0.0317	0.03122	2.34E-04	4.57E-08	4.65E-08	3.11E-05	2.35E-05	1.04E-07	1.02E-07	2.8892E-04
607146.05	4202593.12	7302.90809	0.00867	0.00871	2.21697	1.89348	0.03363	0.0331	2.56E-04	4.88E-08	4.96E-08	2.02E-05	1.72E-05	1.10E-07	1.08E-07	2.9341E-04
607146.9	4201656.64	26894.43781	0.02638	0.02679	0.28165	0.2982	0.05959	0.05838	9.42E-04	1.48E-07	1.53E-07	2.57E-06	2.71E-06	1.95E-07	1.91E-07	9.4751E-04
607147.72	4201580.48	29630.62855	0.03083	0.03141	0.27798	0.29256	0.06086	0.05967	1.04E-03	1.73E-07	1.79E-07	2.54E-06	2.66E-06	1.99E-07	1.95E-07	1.0433E-03
607150.03	4202691.18	6550.0924	0.00804	0.00807	3.44885	2.54534	0.03117	0.0307	2.29E-04	4.52E-08	4.60E-08	3.15E-05	2.31E-05	1.02E-07	1.00E-07	2.8419E-04
607150.7	4201452.03	34419.82289	0.04236	0.04357	0.30745	0.3219	0.06137	0.06031	1.21E-03	2.38E-07	2.48E-07	2.80E-06	2.92E-06	2.01E-07	1.97E-07	1.2116E-03
607155.17	4202340.14	10274.62821	0.01057	0.01063	1.70964	2.26315	0.04037	0.03965	3.60E-04	5.94E-08	6.06E-08	1.56E-05	2.06E-05	1.32E-07	1.29E-07	3.9624E-04
607156.28	4201627.14	27412.05981	0.02845	0.0289	0.29735	0.3147	0.0593	0.05812	9.60E-04	1.60E-07	1.65E-07	2.71E-06	2.86E-06	1.94E-07	1.90E-07	9.6595E-04
607156.59	4202712.11	6396.00235	0.00794	0.00797	2.48424	2.05004	0.03051	0.03007	2.24E-04	4.47E-08	4.54E-08	2.27E-05	1.86E-05	9.98E-08	9.81E-08	2.6549E-04
607161.65	4201706.91	24780.80376	0.02364	0.024	0.28308	0.30061	0.05751	0.05634	8.68E-04	1.33E-07	1.37E-07	2.58E-06	2.73E-06	1.88E-07	1.84E-07	8.7351E-04
607164.33	4201744.45	23501.96216	0.0223	0.02264	0.29453	0.3129	0.05639	0.05524	8.23E-04	1.25E-07	1.29E-07	2.69E-06	2.84E-06	1.84E-07	1.80E-07	8.2893E-04
607165.83	4201576.78	28779.61602	0.03203	0.03263	0.30634	0.32345	0.0594	0.05826	1.01E-03	1.80E-07	1.86E-07	2.79E-06	2.94E-06	1.94E-07	1.90E-07	1.0140E-03
607167.09	4201791.19	21812.81911	0.0216	0.02187	0.34837	0.37205	0.05472	0.0536	7.64E-04	1.21E-07	1.25E-07	3.18E-06	3.38E-06	1.79E-07	1.75E-07	7.7080E-04
607167.2	4202333.46	10309.00196	0.01074	0.0108	1.98635	2.67215	0.04003	0.03932	3.61E-04	6.04E-08	6.15E-08	1.81E-05	2.43E-05	1.31E-07	1.28E-07	4.0368E-04
607171.03	4201655.3	25844.57321	0.02753	0.02797	0.32176	0.3428	0.05764	0.05649	9.05E-04	1.55E-07	1.59E-07	2.93E-06	3.11E-06	1.89E-07	1.84E-07	9.1153E-04
607173.88	4202318.09	10486.52737	0.01093	0.01099	1.78405	2.31376	0.04013	0.03942	3.67E-04	6.15E-08	6.26E-08	1.63E-05	2.10E-05	1.31E-07	1.29E-07	4.0480E-04
607177.06	4201627.81	26434.71052	0.02936	0.02985	0.33132	0.35227	0.05764	0.0565	9.25E-04	1.65E-07	1.70E-07	3.02E-06	3.20E-06	1.89E-07	1.84E-07	9.3239E-04
607181.85	4201948.62	17486.61981	0.01668	0.01684	0.38495	0.41602	0.04981	0.04883	6.12E-04	9.38E-08	9.59E-08	3.51E-06	3.78E-06	1.63E-07	1.59E-07	6.1999E-04
607181.85	4201998.62	16307.85197	0.0154	0.01554	0.39793	0.43835	0.04844	0.04749	5.71E-04	8.66E-08	8.85E-08	3.63E-06	3.98E-06	1.58E-07	1.55E-07	5.7902E-04
607181.85	4202048.62	15194.16586	0.0144	0.01452	0.40389	0.45107	0.04706	0.04615	5.32E-04	8.10E-08	8.27E-08	3.68E-06	4.10E-06	1.54E-07	1.51E-07	5.4018E-04
607181.85	4202098.62	14128.90122	0.01367	0.01378	0.42363	0.47221	0.04562	0.04475	4.95E-04	7.69E-08	7.85E-08	3.86E-06	4.29E-06	1.49E-07	1.46E-07	5.0324E-04
607181.85	4202148.62	13072.93327	0.01352	0.01363	0.52255	0.58209	0.04413	0.04329	4.58E-04	7.60E-08	7.77E-08	4.77E-06	5.29E-06	1.44E-07	1.41E-07	4.6816E-04
607181.85	4202198.62	12021.73692	0.01314	0.01324	0.71716	0.83245	0.04243	0.04163	4.21E-04	7.39E-08	7.54E-08	6.54E-06	7.56E-06	1.39E-07	1.36E-07	4.3540E-04
607181.85	4202248.62	11259.76007	0.01252	0.0126	0.90826	1.06719	0.0412	0.04044	3.94E-04	7.04E-08	7.18E-08	8.28E-06	9.69E-06	1.35E-07	1.32E-07	4.1258E-04
607181.85	4202298.62	10688.41571	0.01134	0.01141	1.62073	2.00309	0.04025	0.03953	3.74E-04	6.38E-08	6.50E-08	1.48E-05	1.82E-05	1.32E-07	1.29E-07	4.0756E-04
607181.85	4202348.62	10025.27298	0.01082	0.01088	4.09801	3.36263	0.03904	0.03836	3.51E-04	6.09E-08	6.20E-08	3.74E-05	3.05E-05	1.28E-07	1.25E-07	4.1928E-04
607181.85	4202398.62	9322.68246	0.01082	0.01087	5.80094	4.32921	0.03769	0.03705	3.26E-04	6.09E-08	6.19E-08	5.29E-05	3.93E-05	1.23E-07	1.21E-07	4.1898E-04
607181.85	4202448.62	8638.7052	0.01033	0.01038	2.52134	2.07901	0.03619	0.03558	3.02E-04	5.81E-08	5.91E-08	2.30E-05	1.89E-05	1.18E-07	1.16E-07	3.4467E-04
607181.85	4202498.62	8077.05121	0.00974	0.00979	1.69994	1.47816	0.03485	0.03428	2.83E-04	5.48E-08	5.58E-08	1.55E-05	1.34E-05	1.14E-07	1.12E-07	3.1204E-04
607181.85	4202548.62	7600.28619	0.00926	0.0093	1.43943	1.2917	0.03364	0.0331	2.66E-04	5.21E-08	5.30E-08	1.31E-05	1.17E-05	1.10E-07	1.08E-07	2.9127E-04
607182.57	4202306.06	10594.29454	0.01121	0.01127	1.81577	2.32791	0.04005	0.03934	3.71E-04	6.30E-08	6.42E-08	1.66E-05	2.11E-05	1.31E-07	1.28E-07	4.0899E-04
607183.52	4201578.02	27814.76319	0.03297	0.0336	0.33905	0.35945	0.05796	0.05686	9.74E-04	1.85E-07	1.91E-07	3.09E-06	3.27E-06	1.90E-07	1.86E-07	9.8088E-04
607185.11	4201741.77	22842.51131	0.02342	0.02376	0.33717	0.36068	0.05487	0.05377	8.00E-04	1.32E-07	1.35E-07	3.08E-06	3.28E-06	1.79E-07	1.76E-07	8.0667E-04
607190.12	4201515.89	29430.41261	0.03843	0.03927	0.36646	0.38749	0.05793	0.05688	1.03E-03	2.16E-07	2.24E-07	3.34E-06	3.52E-06	1.89E-07	1.86E-07	1.0380E-03
607190.47	4201708.25	23644.80597	0.02486	0.02525	0.33501	0.3592	0.05527	0.05417	8.28E-04	1.40E-07	1.44E-07	3.06E-06	3.26E-06	1.81E-07	1.77E-07	8.3474E-04
607192.59	4202290.69	10735.03811	0.01167	0.01173	1.7455	2.18331	0.03997	0.03926	3.76E-04	6.56E-08	6.68E-08	1.59E-05	1.98E-05	1.31E-07	1.28E-07	4.1197E-04
607193.82	4201656.64	24888.33851	0.02842	0.02891	0.36204	0.38858	0.05591	0.05481	8.71E-04	1.60E-07	1.65E-07	3.30E-06	3.53E-06	1.83E-07	1.79E-07	8.7884E-04
607194.06	4201499.33	29780.05182	0.04037	0.04129	0.38183	0.40388	0.05775	0.05671	1.04E-03	2.27E-07	2.35E-07	3.48E-06	3.67E-06	1.89E-07	1.85E-07	1.0506E-03
607196.5	4201624.46	25697.27953	0.03051	0.03105	0.36867	0.39398	0.05623	0.05514	9.00E-04	1.72E-07	1.77E-07	3.36E-06	3.58E-06	1.84E-07	1.80E-07	9.0729E-04
607197.52	4201575.13	27186.13582	0.034	0.03467	0.37052	0.39396	0.05688	0.05581	9.52E-04	1.91E-07	1.98E-07	3.38E-06	3.58E-06	1.86E-07	1.82E-07	9.5948E-04
607198	4201459.13	30993.38627	0.04544	0.0466	0.41342	0.43746	0.05767	0.05668	1.09E-03	2.56E-07	2.66E-07	3.77E-06	3.97E-06	1.89E-07	1.85E-07	1.0937E-03
607199.58	4201481.99	30060.80667	0.04272	0.04374	0.40429	0.42797	0.05742	0.05642	1.05E-03	2.40E-07	2.49E-07	3.69E-06	3.89E-06	1.88E-07	1.84E-07	1.0608E-03
607202.62	4202281.33	10796.03914	0.012	0.01208	1.78801	2.26868	0.03976	0.03905	3.78E-04	6.75E-08	6.88E-08	1.63E-05	2.06E-05	1.30E-07	1.27E-07	4.1527E-04
607207.23	4201733.73	22323.70741	0.02472	0.0251	0.38643	0.41668	0.05346	0.05241	7.82E-04	1.39E-07	1.43E-07	3.52E-06	3.79E-06	1.75E-07	1.71E-07	7.8947E-04
607209.24	4201706.24	23016.7465	0.02589	0.0263	0.37972	0.40993	0.05394	0.05288	8.06E-04	1.46E-07	1.50E-07	3.46E-06	3.72E-06	1.76E-07	1.73E-07	8.1363E-04
607209.71	4201784.9	20755.68252	0.02314	0.02345	0.45585	0.49394	0.05189	0.05086	7.27E-04	1.30E-07	1.34E-07	4.16E-06	4.49E-06	1.70E-07	1.66E-07	7.3588E-04
607214.65	4202269.97	10857.9523	0.01243	0.01251	1.82958	2.40451	0.03947	0.03877	3.80E-04	6.99E-08	7.13E-08	1.67E-05	2.18E-05	1.29E-07	1.27E-07	4.1905E-04
607218.63	4201662	23828.33994	0.02902	0.02954	0.41104	0.44529	0.05409	0.05305	8.34E-04	1.63E-07	1.68E-07	3.75E-06	4.05E-06	1.77E-07	1.73E-07	8.4268E-04
607218.92	4201572.25	26202.51569	0.03547	0.03621	0.42638	0.4558	0.05526	0.05423	9.17E-04	1.99E-07	2.06E-07	3.89E-06	4.14E-06	1.81E-07	1.77E-07	9.2612E-04
607221.31	4201641.89	24233.728	0.0306	0.03117	0.42506	0.46025	0.0542	0.05317	8.48E-04	1.72E-07	1.78E-07	3.88E-06	4.18E-06	1.77E-07	1.74E-07	8.5716E-04
607223.32	4201616.42	24830.15573	0.03246	0.0331	0.4336	0.46738	0.05444	0.05341	8.69E-04	1.83E-07	1.89E-07	3.96E-06	4.25E-06	1.78E-07	1.74E-07	8.7821E-04
607226.68	4202254.6	10953.32447	0.01295	0.01304	1.88151	2.66982	0.03922	0.03853	3.83E-04	7.28E-08	7.43E-08	1.72E-05	2.43E-05	1.28E-07	1.26E-07	4.2528E-04
607228.68	4202226.53	11282.46766	0.0134	0.0135	1.49592	2.0475	0.03965	0.03893	3.95E-04	7.54E-08	7.69E-08	1.36E-05	1.86E-05	1.30E-07	1.27E-07	4.2764E-04
607231.85	4201948.62	16608.06799	0.01829	0.01847	0.58965	0.65142	0.04681	0.04592	5.81E-04	1.03E-07	1.05E-07	5.38E-06	5.92E-06	1.53E-07	1.50E-07	5.9324E-04
607231.85	4201998.62	15593.25872	0.01682	0.01697	0.603	0.68416	0.04562	0.04476	5.46E-04	9.46E-08	9.67E-08	5.50E-06	6.21E-06	1.49E-07	1.46E-07	5.5811E-04
607231.85	4202048.62	14583.87358	0.01558	0.0157	0.62614	0.73694	0.04436	0.04353	5.11E-04	8.76E-08	8.95E-08	5.71E-06	6.69E-06	1.45E-07	1.42E-07	5.2344E-04
607231.85	4202098.62	13576.2413	0.0151	0.01522	0.69603	0.8364	0.04303	0.04223	4.75E-04	8.49E-08	8.67E-08	6.35E-06	7.60E-06	1.41E-07	1.38E-07	4.8969E-04
607231.85	4202148.62	12486.25351	0.01459	0.0147	1.07787	1.36138	0.04137	0.04061	4.37E-04	8.21E-08	8.38E-08	9.83E-06	1.24E-05	1.35E-07	1.33E-07	4.5976E-04
607231.85	4202198.62	11638.31806	0.01377	0.01387	1.32156	1.74879	0.04006	0.03934	4.07E-04	7.74E-08	7.90E-08	1.21E-05	1.59E-05	1.31E-07	1.28E-07	4.3580E-04
607231.85	4202248.62	10987.50988	0.01314	0.01323	1.96475	2.87466	0.0391	0.03841	3.85E-04	7.39E-08	7.54E-08	1.79E-05	2.61E-05	1.28E-07	1.25E-07	4.2910E-04
607231.85	4202298.62	10424.65393	0.01192	0.01199	5.3826	4.14534	0.03819	0.03753	3.65E-04	6.70E-08	6.83E-08	4.91E-05	3.77E-05	1.25E-07	1.22E-07	4.5209E-04
607231.85	4202348.62	9773.33682	0.01154	0.01161	4.85225	3.94152	0.03708	0.03645	3.42E-04	6.49E-08	6.61E-08	4.43E-05	3.58E-05	1.21E-07	1.19E-07	4.2259E-04
607231.85	4202398.62	9065.26605	0.01135	0.01142	2.20548	1.92008	0.03574	0.03514	3.17E-04	6.38E-08	6.51E-08	2.01E-05	1.74E-05	1.17E-07	1.15E-07	3.5529E-04
607231.85	4202448.62	8432.98617	0.01069	0.01075	1.41347	1.26782	0.0344	0.03384	2.95E-04	6.01E-08	6.12E-08	1.29E-05	1.15E-05	1.12E-07	1.10E-07	3.1999E-04
607231.85	4202498.62	7918.28744	0.01011	0.01016	1.09836	1.0049	0.03326	0.03273	2.77E-04	5.69E-08	5.79E-08	1.00E-05	9.13E-06	1.09E-07	1.07E-07	2.9669E-04
607231.85	4202548.62	7458.66627	0.00959	0.00963	0.95433	0.88519	0.03216	0.03166	2.61E-04	5.39E-08	5.49E-08	8.70E-06	8.04E-06	1.05E-07	1.03E-07	2.7818E-04
607232.69	4201479.62	28329.16083	0.04614	0.04736	0.52489	0.56197	0.05507	0.05412	9.92E-04	2.59E-07	2.70E-07	4.79E-06	5.10E-06	1.80E-07	1.77E-07	1.0026E-03
607235.06	4201458.34	28906.87772	0.04947	0.05086	0.56098	0.6018	0.05504	0.05411	1.01E-03	2.78E-07	2.90E-07	5.12E-06	5.47E-06	1.80E-07	1.77E-07	1.0235E-03
607237.02	4201569.37	25478.19159	0.03692	0.03773	0.48594	0.5226	0.05401	0.05301	8.92E-04	2.08E-07	2.15E-07	4.43E-06	4.75E-06	1.77E-07	1.73E-07	9.0192E-04
607242.15	4201499.33	27263.68999	0.0446	0.04576	0.55208	0.59422	0.05431	0.05336	9.54E-04	2.51E-07	2.61E-07	5.04E-06	5.40E-06	1.78E-07	1.74E-07	9.6577E-04
607245.3	4201518.25	26564.47473	0.04267	0.04374	0.5503	0.59375	0.05396	0.053	9.30E-04	2.40E-07	2.49E-07	5.02E-06	5.39E-06	1.76E-07	1.73E-07	9.4125E-04
607256.2	4201735.98	20706.26824	0.02701	0.02744	0.57375	0.6388	0.0501	0.04915	7.25E-04	1.52E-07	1.56E-07	5.23E-06	5.80E-06	1.64E-07	1.60E-07	7.3658E-04
607259.99	4202104.79	13108.01836	0.01586	0.016	1.29013	1.85171	0.04139	0.04063	4.59E-04	8.92E-08	9.12E-08	1.18E-05	1.68E-05	1.35E-07	1.33E-07	4.8794E-04
607260.56	4201780.54	19510.63466	0.02519	0.02555	0.68059	0.76269	0.04879	0.04786	6.83E-04	1.42E-07	1.46E-07	6.21E-06	6.93E-06	1.60E-07	1.56E-07	6.9679E-04
607262.5	4201714.67	21023.55324	0.0283	0.02877	0.58438	0.65371	0.05016	0.04921	7.36E-04	1.59E-07	1.64E-07	5.33E-06	5.94E-06	1.64E-07	1.61E-07	7.4793E-04
607263.77	4201568.55	24381.5348	0.03901	0.0399	0.60721	0.66179	0.05222	0.05127	8.54E-04	2.19E-07	2.27E-07	5.54E-06	6.01E-06	1.71E-07	1.67E-07	8.6591E-04
607263.97	4202045.13	14229.46467	0.01684	0.017	1.03546	1.32748	0.04279	0.04201	4.98E-04	9.47E-08	9.69E-08	9.44E-06	1.21E-05	1.40E-07	1.37E-07	5.2013E-04
607265.41	4201691.43	21477.16229	0.0297	0.03021	0.58493	0.65491	0.05043	0.04949	7.52E-04	1.67E-07	1.72E-07	5.34E-06	5.95E-06	1.65E-07	1.62E-07	7.6385E-04
607268.31	4201663.82	22029.85111	0.03153	0.0321	0.58974	0.65946	0.05075	0.0498	7.71E-04	1.77E-07	1.83E-07	5.38E-06	5.99E-06	1.66E-07	1.63E-07	7.8330E-04
607270.25	4201614.91	23088.01355	0.03545	0.0362	0.61464	0.67987	0.05135	0.0504	8.08E-04	1.99E-07	2.06E-07	5.61E-06	6.18E-06	1.68E-07	1.65E-07	8.2081E-04
607271.35	4202059.5	13834.82953	0.0169	0.01705	1.4225	2.07831	0.04201	0.04125	4.84E-04	9.50E-08	9.71E-08	1.30E-05	1.89E-05	1.37E-07	1.35E-07	5.1666E-04
607272.19	4201641.54	22409.98211	0.03337	0.03402	0.61197	0.68354	0.05086	0.04992	7.85E-04	1.88E-07	1.94E-07	5.58E-06	6.21E-06	1.66E-07	1.63E-07	7.9705E-04
607276.28	4201925.31	16225.13045	0.02051	0.02075	1.12154	1.31819	0.04475	0.04392	5.68E-04	1.15E-07	1.18E-07	1.02E-05	1.20E-05	1.46E-07	1.43E-07	5.9075E-04
607278.74	4202023.38	14363.00576	0.01796	0.01813	1.69424	2.3416	0.04243	0.04166	5.03E-04	1.01E-07	1.03E-07	1.55E-05	2.13E-05	1.39E-07	1.36E-07	5.4004E-04

607279.97	4201945.82	15769.17239	0.02001	0.02023	1.29663	1.559	0.0441	0.04328	5.52E-04	1.13E-07	1.15E-07	1.18E-05	1.42E-05	1.44E-07	1.41E-07	5.7857E-04
607281.85	4201948.62	15684.1586	0.01998	0.0202	1.36499	1.65195	0.04393	0.04312	5.49E-04	1.12E-07	1.15E-07	1.25E-05	1.50E-05	1.44E-07	1.41E-07	5.7706E-04
607281.85	4201998.62	14769.0128	0.01864	0.01883	1.66287	2.1976	0.04284	0.04205	5.17E-04	1.05E-07	1.07E-07	1.52E-05	2.00E-05	1.40E-07	1.37E-07	5.5267E-04
607281.85	4202048.62	13872.26158	0.01744	0.01761	2.01789	3.08741	0.0417	0.04094	4.86E-04	9.81E-08	1.00E-07	1.84E-05	2.80E-05	1.36E-07	1.34E-07	5.3258E-04
607281.85	4202098.62	12984.05983	0.01638	0.01653	2.46429	4.43812	0.0405	0.03977	4.55E-04	9.21E-08	9.42E-08	2.25E-05	4.03E-05	1.32E-07	1.30E-07	5.1780E-04
607281.85	4202148.62	12040.60576	0.01524	0.01537	3.66517	3.40058	0.03906	0.03837	4.22E-04	8.57E-08	8.76E-08	3.34E-05	3.09E-05	1.28E-07	1.25E-07	4.8628E-04
607281.85	4202198.62	11279.13426	0.01439	0.01451	3.6039	3.94881	0.03793	0.03726	3.95E-04	8.09E-08	8.27E-08	3.29E-05	3.59E-05	1.24E-07	1.22E-07	4.6403E-04
607281.85	4202248.62	10692.64891	0.01377	0.01388	4.13977	5.35722	0.03711	0.03647	3.74E-04	7.74E-08	7.91E-08	3.78E-05	4.87E-05	1.21E-07	1.19E-07	4.6116E-04
607281.85	4202298.62	10083.81023	0.01296	0.01305	3.8067	2.87725	0.03616	0.03555	3.53E-04	7.29E-08	7.44E-08	3.47E-05	2.61E-05	1.18E-07	1.16E-07	4.1427E-04
607281.85	4202348.62	9424.65684	0.01241	0.0125	1.97795	1.75191	0.03503	0.03445	3.30E-04	6.98E-08	7.12E-08	1.80E-05	1.59E-05	1.15E-07	1.12E-07	3.6427E-04
607281.85	4202398.62	8798.1033	0.01174	0.01181	1.30307	1.19623	0.03387	0.03332	3.08E-04	6.60E-08	6.73E-08	1.19E-05	1.09E-05	1.11E-07	1.09E-07	3.3112E-04
607281.85	4202448.62	8246.88783	0.01107	0.01114	0.9802	0.91111	0.03279	0.03227	2.89E-04	6.23E-08	6.35E-08	8.94E-06	8.28E-06	1.07E-07	1.05E-07	3.0627E-04
607281.85	4202498.62	7759.25607	0.01047	0.01053	0.80663	0.75701	0.03177	0.03128	2.72E-04	5.89E-08	6.00E-08	7.36E-06	6.88E-06	1.04E-07	1.02E-07	2.8620E-04
607281.85	4202548.62	7322.48244	0.00993	0.00999	0.70881	0.67003	0.0308	0.03034	2.56E-04	5.58E-08	5.69E-08	6.47E-06	6.09E-06	1.01E-07	9.90E-08	2.6922E-04
607282.36	4201779.57	18967.42792	0.0261	0.02649	0.86523	0.99609	0.04751	0.04662	6.64E-04	1.47E-07	1.51E-07	7.89E-06	9.05E-06	1.55E-07	1.52E-07	6.8158E-04
607283.25	4202005.74	14619.81701	0.01849	0.01868	1.78258	2.4147	0.0426	0.04183	5.12E-04	1.04E-07	1.06E-07	1.63E-05	2.19E-05	1.39E-07	1.37E-07	5.5051E-04
607284.07	4201963.88	15365.58327	0.0196	0.01982	1.52426	1.89251	0.04348	0.04268	5.38E-04	1.10E-07	1.13E-07	1.39E-05	1.72E-05	1.42E-07	1.39E-07	5.6953E-04
607285.17	4201568.14	23550.848	0.04083	0.04181	0.75193	0.83269	0.05085	0.04994	8.24E-04	2.30E-07	2.38E-07	6.86E-06	7.56E-06	1.66E-07	1.63E-07	8.3971E-04
607287.2	4201728.23	19972.75862	0.02891	0.0294	0.77655	0.89687	0.04835	0.04745	6.99E-04	1.63E-07	1.68E-07	7.08E-06	8.15E-06	1.58E-07	1.55E-07	7.1510E-04
607288.66	4201454.4	26446.40864	0.05712	0.05906	1.10477	1.24173	0.0517	0.05085	9.26E-04	3.21E-07	3.36E-07	1.01E-05	1.13E-05	1.69E-07	1.66E-07	9.4821E-04
607289.45	4201490.66	25436.61289	0.0512	0.05275	0.98694	1.10067	0.05143	0.05056	8.91E-04	2.88E-07	3.01E-07	9.00E-06	1.00E-05	1.68E-07	1.65E-07	9.1043E-04
607289.45	4201511.95	24801.9952	0.04799	0.04934	0.90007	1.00286	0.05117	0.05028	8.68E-04	2.70E-07	2.81E-07	8.21E-06	9.11E-06	1.67E-07	1.64E-07	8.8650E-04
607290.64	4201984.81	14887.92031	0.01919	0.0194	1.98465	2.63252	0.04269	0.04191	5.21E-04	1.08E-07	1.11E-07	1.81E-05	2.39E-05	1.40E-07	1.37E-07	5.6372E-04
607294.18	4201470.16	25781.3042	0.05506	0.05686	1.14499	1.28723	0.05128	0.05043	9.03E-04	3.10E-07	3.24E-07	1.04E-05	1.17E-05	1.68E-07	1.65E-07	9.2568E-04
607294.46	4201707.41	20210.31864	0.03046	0.03102	0.81572	0.95251	0.04832	0.04743	7.08E-04	1.71E-07	1.77E-07	7.44E-06	8.65E-06	1.58E-07	1.55E-07	7.2430E-04
607299.31	4201658.98	21114.97823	0.03384	0.03453	0.80858	0.93937	0.0489	0.04801	7.39E-04	1.90E-07	1.97E-07	7.38E-06	8.53E-06	1.60E-07	1.57E-07	7.5583E-04
607299.31	4201681.26	20629.09121	0.03233	0.03296	0.83042	0.97248	0.04851	0.04762	7.22E-04	1.82E-07	1.88E-07	7.57E-06	8.83E-06	1.59E-07	1.55E-07	7.3930E-04
607303.67	4201638.15	21426.9355	0.03572	0.03648	0.84181	0.97494	0.04897	0.04808	7.50E-04	2.01E-07	2.08E-07	7.68E-06	8.86E-06	1.60E-07	1.57E-07	7.6740E-04
607305.12	4201612.97	21895.56389	0.03815	0.03904	0.88878	1.01669	0.0492	0.04831	7.67E-04	2.15E-07	2.22E-07	8.11E-06	9.24E-06	1.61E-07	1.58E-07	7.8464E-04
607305.12	4201782.47	18312.24593	0.0268	0.02723	1.25305	1.52765	0.0461	0.04525	6.41E-04	1.51E-07	1.55E-07	1.14E-05	1.39E-05	1.51E-07	1.48E-07	6.6701E-04
607307.4	4201564.43	22822.65904	0.04326	0.04437	0.99696	1.13519	0.04955	0.04868	7.99E-04	2.43E-07	2.53E-07	9.09E-06	1.03E-05	1.62E-07	1.59E-07	8.1922E-04
607307.87	4201899.45	16090.37267	0.0221	0.02238	2.16604	2.86429	0.04356	0.04276	5.63E-04	1.24E-07	1.28E-07	1.98E-05	2.60E-05	1.42E-07	1.40E-07	6.0962E-04
607316.49	4201853.9	16729.6814	0.024	0.02434	2.14675	2.95534	0.04403	0.04323	5.86E-04	1.35E-07	1.39E-07	1.96E-05	2.68E-05	1.44E-07	1.41E-07	6.3268E-04
607321.3	4202259.3	10324.31225	0.01406	0.01418	2.77616	2.19171	0.03543	0.03484	3.61E-04	7.91E-08	8.08E-08	2.53E-05	1.99E-05	1.16E-07	1.14E-07	4.0707E-04
607330.96	4202209.32	10856.74117	0.01491	0.01506	3.12303	2.47217	0.03594	0.03533	3.80E-04	8.39E-08	8.58E-08	2.85E-05	2.25E-05	1.18E-07	1.15E-07	4.3143E-04
607331.85	4201948.62	14852.95966	0.02105	0.02133	2.7548	5.68077	0.04137	0.04064	5.20E-04	1.18E-07	1.22E-07	2.51E-05	5.16E-05	1.35E-07	1.33E-07	5.9723E-04
607331.85	4201998.62	14093.80766	0.01967	0.01992	4.06181	6.61806	0.04046	0.03974	4.93E-04	1.11E-07	1.13E-07	3.70E-05	6.01E-05	1.32E-07	1.30E-07	5.9107E-04
607331.85	4202048.62	13279.31691	0.01834	0.01856	6.36332	4.51351	0.03939	0.0387	4.65E-04	1.03E-07	1.06E-07	5.80E-05	4.10E-05	1.29E-07	1.26E-07	5.6440E-04
607331.85	4202098.62	12474.65134	0.01713	0.01732	4.97868	3.48759	0.03828	0.03762	4.37E-04	9.63E-08	9.87E-08	4.54E-05	3.17E-05	1.25E-07	1.23E-07	5.1426E-04
607331.85	4202148.62	11629.00137	0.01585	0.01601	3.83607	2.80971	0.037	0.03636	4.07E-04	8.91E-08	9.12E-08	3.50E-05	2.55E-05	1.21E-07	1.19E-07	4.6805E-04
607331.85	4202198.62	10948.34586	0.01499	0.01514	3.27871	2.52069	0.03601	0.0354	3.83E-04	8.43E-08	8.63E-08	2.99E-05	2.29E-05	1.18E-07	1.16E-07	4.3650E-04
607331.85	4202248.62	10410.91674	0.01433	0.01447	2.48943	2.01355	0.03529	0.0347	3.64E-04	8.06E-08	8.24E-08	2.27E-05	1.83E-05	1.15E-07	1.13E-07	4.0587E-04
607331.85	4202298.62	9798.60207	0.01355	0.01368	1.80366	1.53996	0.03434	0.03378	3.43E-04	7.62E-08	7.79E-08	1.65E-05	1.40E-05	1.12E-07	1.10E-07	3.7386E-04
607331.85	4202348.62	9209.98371	0.01286	0.01297	1.29052	1.16626	0.03338	0.03284	3.22E-04	7.23E-08	7.39E-08	1.18E-05	1.06E-05	1.09E-07	1.07E-07	3.4516E-04
607331.85	4202398.62	8640.15676	0.0122	0.0123	0.96449	0.89807	0.03239	0.03188	3.02E-04	6.86E-08	7.01E-08	8.80E-06	8.16E-06	1.06E-07	1.04E-07	3.1979E-04
607331.85	4202448.62	8086.94231	0.01146	0.01155	0.75513	0.71284	0.03134	0.03086	2.83E-04	6.45E-08	6.58E-08	6.89E-06	6.48E-06	1.02E-07	1.01E-07	2.9681E-04
607331.85	4202498.62	7608.50463	0.01081	0.01089	0.63365	0.60275	0.03039	0.02994	2.66E-04	6.08E-08	6.20E-08	5.78E-06	5.48E-06	9.94E-08	9.77E-08	2.7794E-04
607331.85	4202548.62	7187.48886	0.01025	0.01032	0.55605	0.53207	0.02952	0.02908	2.52E-04	5.76E-08	5.88E-08	5.07E-06	4.83E-06	9.65E-08	9.49E-08	2.6184E-04
607332.24	4201768.91	17903.42784	0.02855	0.02905	2.10387	2.91203	0.04487	0.04406	6.27E-04	1.61E-07	1.66E-07	1.92E-05	2.65E-05	1.47E-07	1.44E-07	6.7304E-04
607333.23	4202147.98	11628.44186	0.01588	0.01605	3.71945	2.74596	0.03696	0.03632	4.07E-04	8.93E-08	9.14E-08	3.39E-05	2.49E-05	1.21E-07	1.19E-07	4.6639E-04
607333.8	4202176.38	11188.5109	0.01525	0.0154	3.2453	2.45047	0.03626	0.03564	3.92E-04	8.58E-08	8.77E-08	2.96E-05	2.23E-05	1.19E-07	1.16E-07	4.4397E-04
607338.67	4201559.91	21805.58036	0.04668	0.04805	1.68645	2.05897	0.04775	0.04693	7.63E-04	2.63E-07	2.74E-07	1.54E-05	1.87E-05	1.56E-07	1.53E-07	7.9833E-04
607339.02	4201743.25	18230.74613	0.0304	0.03099	2.12054	2.99882	0.04503	0.04422	6.38E-04	1.71E-07	1.77E-07	1.93E-05	2.72E-05	1.47E-07	1.44E-07	6.8546E-04
607340.96	4201720	18632.44615	0.03202	0.03267	1.95592	2.7325	0.04538	0.04457	6.52E-04	1.80E-07	1.86E-07	1.78E-05	2.48E-05	1.48E-07	1.45E-07	6.9563E-04
607346.28	4201693.85	19002.95897	0.03414	0.03489	1.95987	2.75648	0.04559	0.04478	6.65E-04	1.92E-07	1.99E-07	1.79E-05	2.50E-05	1.49E-07	1.46E-07	7.0888E-04
607346.86	4202072.72	12740.49797	0.01797	0.01819	3.82402	2.90156	0.03825	0.03758	4.46E-04	1.01E-07	1.04E-07	3.49E-05	2.64E-05	1.25E-07	1.23E-07	5.0772E-04
607348.03	4202037.94	13273.24618	0.01888	0.01912	4.35121	3.34203	0.03894	0.03826	4.65E-04	1.06E-07	1.09E-07	3.97E-05	3.04E-05	1.27E-07	1.25E-07	5.3520E-04
607350.64	4201670.12	19347.31897	0.03619	0.03705	1.95492	2.78523	0.04577	0.04496	6.77E-04	2.04E-07	2.11E-07	1.78E-05	2.53E-05	1.50E-07	1.47E-07	7.2118E-04
607352.58	4201646.39	19746.40219	0.03832	0.03929	1.92059	2.65733	0.04603	0.04522	6.91E-04	2.16E-07	2.24E-07	1.75E-05	2.41E-05	1.51E-07	1.48E-07	7.3370E-04
607355.48	4201589.24	20690.12335	0.04456	0.04585	2.30792	2.98575	0.04653	0.04572	7.24E-04	2.51E-07	2.61E-07	2.11E-05	2.71E-05	1.52E-07	1.49E-07	7.7333E-04
607355.97	4201619.75	20136.00862	0.04119	0.04231	2.11486	2.80668	0.04619	0.04539	7.05E-04	2.32E-07	2.41E-07	1.93E-05	2.55E-05	1.51E-07	1.48E-07	7.5050E-04
607366.33	4200769.13	25327.42244	1.74856	1.43729	0.03979	0.03766	0.03089	0.03103	8.87E-04	9.83E-06	8.19E-06	3.63E-07	3.42E-07	1.01E-07	1.01E-07	9.0562E-04
607369.05	4201993.63	13733.88729	0.02051	0.02081	3.27579	2.76598	0.03902	0.03834	4.81E-04	1.15E-07	1.19E-07	2.99E-05	2.51E-05	1.28E-07	1.25E-07	5.3630E-04
607370.6	4200744.38	24448.38289	1.48929	1.24955	0.036	0.03422	0.02977	0.02993	8.56E-04	8.38E-06	7.12E-06	3.28E-07	3.11E-07	9.74E-08	9.77E-08	8.7224E-04
607378.7	4201943.65	14281.62295	0.02226	0.02261	3.30802	2.80509	0.03945	0.03877	5.00E-04	1.25E-07	1.29E-07	3.02E-05	2.55E-05	1.29E-07	1.27E-07	5.5615E-04
607380.97	4201882.31	15098.20854	0.02457	0.02499	4.1753	3.29048	0.0404	0.0397	5.29E-04	1.38E-07	1.42E-07	3.81E-05	2.99E-05	1.32E-07	1.30E-07	5.9709E-04
607381.54	4201910.71	14695.03929	0.02348	0.02387	3.56835	2.96232	0.0399	0.03921	5.14E-04	1.32E-07	1.36E-07	3.25E-05	2.69E-05	1.30E-07	1.28E-07	5.7444E-04
607381.85	4201948.62	14178.03622	0.02217	0.02252	3.06799	2.63148	0.03925	0.03858	4.96E-04	1.25E-07	1.28E-07	2.80E-05	2.39E-05	1.28E-07	1.26E-07	5.4876E-04
607381.85	4201998.62	13535.04356	0.02057	0.02087	2.52747	2.20146	0.03845	0.0378	4.74E-04	1.16E-07	1.19E-07	2.31E-05	2.00E-05	1.26E-07	1.23E-07	5.1739E-04
607381.85	4202048.62	12797.15193	0.01913	0.0194	2.22774	1.90158	0.03745	0.03682	4.48E-04	1.08E-07	1.11E-07	2.03E-05	1.73E-05	1.22E-07	1.20E-07	4.8607E-04
607381.85	4202098.62	11995.30575	0.01772	0.01795	1.93036	1.65636	0.03628	0.03567	4.20E-04	9.97E-08	1.02E-07	1.76E-05	1.50E-05	1.19E-07	1.16E-07	4.5304E-04
607381.85	4202148.62	11244.76983	0.0164	0.01659	1.68625	1.45184	0.03514	0.03455	3.94E-04	9.22E-08	9.45E-08	1.54E-05	1.32E-05	1.15E-07	1.13E-07	4.2265E-04
607381.85	4202348.62	9025.45361	0.01321	0.01334	0.91408	0.84017	0.0319	0.03141	3.16E-04	7.43E-08	7.60E-08	8.34E-06	7.63E-06	1.04E-07	1.03E-07	3.3230E-04
607381.85	4202398.62	8456.31914	0.01253	0.01265	0.73858	0.69343	0.03094	0.03046	2.96E-04	7.05E-08	7.21E-08	6.74E-06	6.30E-06	1.01E-07	9.94E-08	3.0943E-04
607381.85	4202448.62	7923.33015	0.01177	0.01187	0.60384	0.57435	0.02996	0.02952	2.77E-04	6.62E-08	6.76E-08	5.51E-06	5.22E-06	9.80E-08	9.64E-08	2.8844E-04
607381.85	4202498.62	7460.97644	0.01109	0.01118	0.51462	0.49327	0.02909	0.02867	2.61E-04	6.24E-08	6.37E-08	4.69E-06	4.48E-06	9.51E-08	9.36E-08	2.7069E-04
607381.85	4202548.62	7055.84585	0.01052	0.0106	0.45108	0.43505	0.02831	0.0279	2.47E-04	5.92E-08	6.04E-08	4.11E-06	3.95E-06	9.26E-08	9.11E-08	2.5539E-04
607400.85	4201861.3	15061.70522	0.02599	0.02647	2.93845	2.46245	0.0399	0.03922	5.27E-04	1.46E-07	1.51E-07	2.68E-05	2.24E-05	1.30E-07	1.28E-07	5.7702E-04
607402.25	4201797.62	15910.51225	0.02929	0.0299	3.58586	2.88625	0.04088	0.04018	5.57E-04	1.65E-07	1.70E-07	3.27E-05	2.62E-05	1.34E-07	1.31E-07	6.1654E-04
607402.82	4201762.98	16415.66844	0.03151	0.03221	4.22638	3.23134	0.04145	0.04073	5.75E-04	1.77E-07	1.84E-07	3.86E-05	2.94E-05	1.36E-07	1.33E-07	6.4323E-04
607405.41	4201505.03	20799.3927	0.06304	0.0657	4.17406	3.49824	0.0448	0.04408	7.28E-04	3.55E-07	3.74E-07	3.81E-05	3.18E-05	1.47E-07	1.44E-07	7.9904E-04
607410.62	4201477.67	21151.24711	0.07015	0.07343	3.07512	2.726	0.04474	0.04403	7.40E-04	3.95E-07	4.18E-07	2.80E-05	2.48E-05	1.46E-07	1.44E-07	7.9440E-04
607415.83	4201531.52	19986.65535	0.05885	0.06118	3.87238	3.19242	0.04405	0.04333	7.00E-04	3.31E-07	3.49E-07	3.53E-05	2.90E-05	1.44E-07	1.41E-07	7.6500E-04
607417.02	4201708.46	16944.1121	0.03628	0.03719	3.77283	2.94457	0.04168	0.04097	5.93E-04	2.04E-07	2.12E-07	3.44E-05	2.67E-05	1.36E-07	1.34E-07	6.5505E-04
607423.16	4200737.35	22861.06264	2.92747	2.23907	0.0341	0.03244	0.02905	0.02918	8.00E-04	1.65E-05	1.28E-05	3.11E-07	2.95E-07	9.50E-08	9.52E-08	8.3036E-04
607424.97	4201746.51	16204.8697	0.03356	0.03435	2.8234	2.32863	0.04072	0.04003	5.67E-04	1.89E-07	1.96E-07	2.58E-05	2.12E-05	1.33E-07	1.31E-07	6.1487E-04
607425.67	4201675.37	17257.04663	0.03977	0.04086	3.50822	2.78568	0.04177	0.04107	6.04E-04	2.24E-07	2.33E-07	3.20E-05	2.53E-05	1.37E-07	1.34E-07	6.6219E-04
607426.11	4201803.3	15382.02314	0.02974	0.03037	2.29462	1.97714	0.03974	0.03907	5.39E-04	1.67E-07	1.73E-07	2.09E-05	1.80E-05	1.30E-07	1.28E-07	5.7800E-04
607427.56	4201582.75	18738.45549	0.05127	0.05305	3.76845	3.08289	0.04292	0.04221	6.56E-04	2.88E-07	3.02E-07	3.44E-05	2.80E-05	1.40E-07	1.38E-07	7.1926E-04
607430.39	4201618.1	18038.08578	0.04652	0.048	3.54545	2.90402	0.0423	0.0416	6.31E-04	2.62E-07	2.73E-07	3.23E-05	2.64E-05	1.38E-07	1.36E-07	6.9103E-04
607431.85	4202348.62	8765.04542	0.01353	0.01368	0.68298	0.63872	0.03034	0.02988	3.07E-04	7.61E-08	7.79E-08	6.23E-06	5.80E-06	9.92E-08	9.75E-08	3.1924E-04
607431.85	4202398.62	8217.99854	0.01269	0.01282	0.57163	0.54161	0.02941	0.02897	2.88E-04	7.14E-08	7.30E-08	5.21E-06	4.92E-06	9.62E-08	9.46E-08	2.9817E-04
607431.85	4202448.62	7752.31663	0.012	0.01211	0.49071	0.46926	0.02863	0.02821	2.71E-04	6.75E-08	6.90E-08	4.48E-06	4.26E-06	9.36E-08	9.21E-08	2.8046E-04
607431.85	4202498.62	7318.64186	0.01134	0.01144	0.42627	0.41061	0.02787	0.02747	2.56E-04	6.38E-08	6.52E-08	3.89E-06	3.73E-06	9.11E-08	8.97E-08	2.6415E-04
607431.85	4202548.62	6927.96433	0.01076	0.01085	0.37419	0.36274	0.02716	0.02678	2.43E-04	6.05E-08	6.18E-08	3.41E-06	3.30E-06	8.88E-08	8.74E-08	2.4955E-04
607437.11	4201475.93	20340.00194	0.0744	0.07807	1.95903	1.79581	0.04345	0.04277	7.12E-04	4.18E-07	4.45E-07	1.79E-05	1.63E-05	1.42E-07	1.40E-07	7.4741E-04
607438.52	4201654.18	17264.80754	0.04269	0.04395	2.82622	2.3533	0.04144	0.04075	6.04E-04	2.40E-07	2.50E-07	2.58E-05	2.14E-05	1.36E-07	1.33E-07	6.5234E-04
607441.02	4201532.39	19243.9763	0.06136	0.06389	2.32098	2.06671	0.04281	0.04212	6.74E-04	3.45E-07	3.64E-07	2.12E-05	1.88E-05	1.40E-07	1.37E-07	7.1465E-04
607441.46	4201563.66	18704.32529	0.05553	0.05762	2.63662	2.29783	0.04248	0.04179	6.55E-04	3.12E-07	3.28E-07	2.40E-05	2.09E-05	1.39E-07	1.36E-07	7.0066E-04
607444.85	4201714.71	16230.69763	0.03698	0.03793	2.22327	1.89797	0.0403	0.03962	5.68E-04	2.08E-07	2.16E-07	2.03E-05	1.72E-05	1.32E-07	1.29E-07	6.0643E-04
607445.41	4201806.14	14999.13679	0.03021	0.03086	1.77088	1.57079	0.03888	0.03824	5.25E-04	1.70E-07	1.76E-07	1.62E-05	1.43E-05	1.27E-07	1.25E-07	5.5613E-04
607450.52	4201749.92	15635.70801	0.03432	0.03514	1.90401	1.65828	0.03953	0.03887	5.47E-04	1.93E-07	2.00E-07	1.74E-05	1.51E-05	1.29E-07	1.27E-07	5.8047E-04
607455.14	4201620.93	17360.45781	0.04783	0.04938	2.18495	1.90731	0.04107	0.0404	6.08E-04	2.69E-07	2.81E-07	1.99E-05	1.73E-05	1.34E-07	1.32E-07	6.4585E-04
607455.35	4201475.06	19804.23666	0.07718	0.0811	1.55344	1.44277	0.04259	0.04193	6.93E-04	4.34E-07	4.62E-07	1.42E-05	1.31E-05	1.39E-07	1.37E-07	7.2178E-04
607459.04	4201719.25	15870.56313	0.03723	0.03819	1.82292	1.59413	0.0396	0.03895	5.56E-04	2.09E-07	2.18E-07	1.66E-05	1.45E-05	1.30E-07	1.27E-07	5.8741E-04
607461	4201530.65	18726.38315	0.06382	0.06655	1.7342	1.58702	0.04189	0.04123	6.56E-04	3.59E-07	3.79E-07	1.58E-05	1.44E-05	1.37E-07	1.35E-07	6.8684E-04
607462.74	4201564.09	18142.16324	0.05739	0.05961	1.88848	1.69476	0.04149	0.04082	6.35E-04	3.23E-07	3.40E-07	1.72E-05	1.54E-05	1.36E-07	1.33E-07	6.6869E-04
607463.02	4201659.05	16610.8939	0.04354	0.04483	1.89894	1.66353	0.04023	0.03957	5.82E-04	2.45E-07	2.55E-07	1.73E-05	1.51E-05	1.32E-07	1.29E-07	6.1473E-04
607469.83	4201761.27	15115.60593	0.03421	0.03503	1.48947	1.33332	0.03854	0.03791	5.29E-04	1.92E-07	2.00E-07	1.36E-05	1.21E-05	1.26E-07	1.24E-07	5.5552E-04
607471.54	4201807.84	14522.73035	0.03098	0.03166	1.34391	1.22185	0.0378	0.03718	5.08E-04	1.74E-07	1.80E-07	1.23E-05	1.11E-05	1.24E-07	1.21E-07	5.3238E-04
607473.47	4201205.35	23111.33554	0.35948	0.41811	0.92055	0.82778	0.04135	0.0409	8.09E-04	2.02E-06	2.38E-06	8.40E-06	7.52E-06	1.35E-07	1.33E-07	8.2970E-04
607474.9	4201475.93	19226.55394	0.07944	0.08358	1.26874	1.18998	0.04168	0.04104	6.73E-04	4.47E-07	4.76E-07	1.16E-05	1.08E-05	1.36E-07	1.34E-07	6.9668E-04
607475.65	4201620.23	16884.36289	0.04934	0.05099	1.6502	1.48013	0.04015	0.0395	5.91E-04	2.77E-07	2.91E-07	1.51E-05	1.34E-05	1.31E-07	1.29E-07	6.2043E-04
607478.35	4201723.23	15430.36945	0.03777	0.03876	1.45802	1.30447	0.03872	0.03809	5.40E-04	2.12E-07	2.21E-07	1.33E-05	1.18E-05	1.27E-07	1.24E-07	5.6604E-04
607481.85	4202348.62	8551.4348	0.01383	0.01397	0.53687	0.50762	0.02897	0.02855	2.99E-04	7.78E-08	7.96E-08	4.90E-06	4.61E-06	9.47E-08	9.32E-08	3.0923E-04
607481.85	4202398.62	8037.54403	0.01296	0.01309	0.46405	0.44251	0.02812	0.02771	2.81E-04	7.29E-08	7.46E-08	4.23E-06	4.02E-06	9.20E-08	9.04E-08	2.8997E-04
607481.85	4202448.62	7590.06569	0.01223	0.01234	0.40605	0.39012	0.02739	0.027	2.66E-04	6.88E-08	7.03E-08	3.70E-06	3.54E-06	8.96E-08	8.81E-08	2.7329E-04
607481.85	4202498.62	7181.38998	0.01158	0.01168	0.35797	0.34618	0.02672	0.02634	2.51E-04	6.51E-08	6.65E-08	3.27E-06	3.14E-06	8.74E-08	8.60E-08	2.5813E-04
607481.85	4202548.62	6805.97986	0.01099	0.01108	0.31586	0.3073	0.02607	0.02572	2.38E-04	6.18E-08	6.31E-08	2.88E-06	2.79E-06	8.53E-08	8.40E-08	2.4424E-04
607482.45	4201664.05	16111.86514	0.04407	0.0454	1.49578	1.34074	0.03931	0.03867	5.64E-04	2.48E-07	2.59E-07	1.36E-05	1.22E-05	1.29E-07	1.26E-07	5.9065E-04
607482.71	4201528.05	18198.12071	0.06661	0.06957	1.34591	1.25231	0.04094	0.04029	6.37E-04	3.75E-07	3.96E-07	1.23E-05	1.14E-05	1.34E-07	1.32E-07	6.6179E-04
607483.15	4201562.79	17654.59608	0.05944	0.06182	1.45992	1.33656	0.04059	0.03995	6.18E-04	3.34E-07	3.52E-07	1.33E-05	1.21E-05	1.33E-07	1.30E-07	6.4448E-04
607493.12	4201817.49	14065.08361	0.03114	0.03182	1.10263	1.0183	0.03684	0.03625	4.92E-04	1.75E-07	1.81E-07	1.01E-05	9.25E-06	1.20E-07	1.18E-07	5.1231E-04
607496.96	4201155.79	22718.89891	0.49414	0.57844	0.67074	0.59536	0.03985	0.03946	7.95E-04	2.78E-06	3.30E-06	6.12E-06	5.41E-06	1.30E-07	1.29E-07	8.1323E-04
607496.96	4201172.31	22568.22591	0.4381	0.50989	0.69995	0.62616	0.04007	0.03966	7.90E-04	2.46E-06	2.91E-06	6.38E-06	5.69E-06	1.31E-07	1.29E-07	8.0779E-04
607496.96	4201188.83	22407.93947	0.38865	0.44945	0.72503	0.65351	0.04027	0.03984	7.84E-04	2.19E-06	2.56E-06	6.61E-06	5.94E-06	1.32E-07	1.30E-07	8.0204E-04
607496.96	4201205.35	22238.59425	0.34531	0.39653	0.74639	0.67761	0.04044	0.04	7.79E-04	1.94E-06	2.26E-06	6.81E-06	6.16E-06	1.32E-07	1.31E-07	7.9598E-04
607496.96	4201221.87	22060.87831	0.30757	0.35055	0.76459	0.69872	0.0406	0.04014	7.72E-04	1.73E-06	2.00E-06	6.97E-06	6.35E-06	1.33E-07	1.31E-07	7.8964E-04
607498.23	4201770.36	14491.03272	0.03464	0.03547	1.13003	1.03615	0.03727	0.03667	5.07E-04	1.95E-07	2.02E-07	1.03E-05	9.41E-06	1.22E-07	1.20E-07	5.2768E-04
607498.79	4201747.08	14749.95998	0.03657	0.0375	1.16196	1.06117	0.03756	0.03696	5.16E-04	2.06E-07	2.14E-07	1.06E-05	9.64E-06	1.23E-07	1.21E-07	5.3728E-04
607499.22	4201472.89	18606.33637	0.08322	0.0877	1.01672	0.96236	0.04063	0.04001	6.51E-04	4.68E-07	5.00E-07	9.27E-06	8.74E-06	1.33E-07	1.31E-07	6.7064E-04
607502.35	4201677.74	15523.46288	0.04362	0.04493	1.2158	1.10683	0.03831	0.03769	5.43E-04	2.45E-07	2.56E-07	1.11E-05	1.01E-05	1.25E-07	1.23E-07	5.6536E-04
607506.75	4201731.18	14796.04581	0.03837	0.03938	1.11135	1.01767	0.03746	0.03686	5.18E-04	2.16E-07	2.24E-07	1.01E-05	9.24E-06	1.23E-07	1.20E-07	5.3806E-04
607507.9	4201522.4	17652.23124	0.07034	0.0736	1.05256	0.99136	0.03989	0.03927	6.18E-04	3.96E-07	4.19E-07	9.60E-06	9.01E-06	1.30E-07	1.28E-07	6.3767E-04
607509.64	4201539.77	17357.55075	0.06649	0.06941	1.07456	1.0071	0.03966	0.03905	6.08E-04	3.74E-07	3.95E-07	9.80E-06	9.15E-06	1.30E-07	1.27E-07	6.2765E-04
607510.51	4201563.23	16999.54703	0.06168	0.0642	1.11004	1.03317	0.03941	0.03879	5.95E-04	3.47E-07	3.66E-07	1.01E-05	9.39E-06	1.29E-07	1.27E-07	6.1562E-04
607517.46	4201473.76	18117.28239	0.08478	0.08937	0.88571	0.84227	0.03984	0.03924	6.34E-04	4.77E-07	5.09E-07	8.08E-06	7.65E-06	1.30E-07	1.28E-07	6.5124E-04
607518.78	4201606.08	16146.87077	0.0546	0.05659	1.06714	0.98983	0.0385	0.0379	5.65E-04	3.07E-07	3.22E-07	9.73E-06	8.99E-06	1.26E-07	1.24E-07	5.8489E-04
607520.45	4201073.19	22441.68158	0.76502	0.88343	0.38852	0.33828	0.0377	0.03741	7.86E-04	4.30E-06	5.03E-06	3.54E-06	3.07E-06	1.23E-07	1.22E-07	8.0186E-04
607520.45	4201089.71	22350.21492	0.6925	0.80196	0.4284	0.37487	0.03801	0.0377	7.82E-04	3.89E-06	4.57E-06	3.91E-06	3.41E-06	1.24E-07	1.23E-07	7.9848E-04
607520.45	4201106.23	22247.19468	0.62457	0.72371	0.46554	0.40986	0.03829	0.03796	7.79E-04	3.51E-06	4.12E-06	4.25E-06	3.72E-06	1.25E-07	1.24E-07	7.9471E-04
607520.45	4201122.75	22132.99246	0.56204	0.65031	0.49929	0.44258	0.03856	0.03821	7.75E-04	3.16E-06	3.71E-06	4.55E-06	4.02E-06	1.26E-07	1.25E-07	7.9055E-04
607520.45	4201155.79	21873.60013	0.454	0.5219	0.5566	0.50017	0.03902	0.03864	7.66E-04	2.55E-06	2.97E-06	5.08E-06	4.54E-06	1.28E-07	1.26E-07	7.8118E-04
607520.45	4201172.31	21729.77825	0.40796	0.46708	0.58068	0.52516	0.03922	0.03882	7.61E-04	2.29E-06	2.66E-06	5.30E-06	4.77E-06	1.28E-07	1.27E-07	7.7602E-04
607520.45	4201188.83	21577.34358	0.36667	0.41795	0.60204	0.54779	0.0394	0.03898	7.55E-04	2.06E-06	2.38E-06	5.49E-06	4.98E-06	1.29E-07	1.27E-07	7.7057E-04
607520.45	4201205.35	21416.84799	0.32976	0.37404	0.62088	0.5682	0.03956	0.03913	7.50E-04	1.85E-06	2.13E-06	5.66E-06	5.16E-06	1.29E-07	1.28E-07	7.6485E-04
607520.45	4201221.87	21248.76609	0.29694	0.33501	0.63746	0.58651	0.0397	0.03925	7.44E-04	1.67E-06	1.91E-06	5.81E-06	5.33E-06	1.30E-07	1.28E-07	7.5888E-04
607523.01	4201691.84	14948.2498	0.04313	0.0444	1.00933	0.93066	0.0373	0.03671	5.23E-04	2.43E-07	2.53E-07	9.21E-06	8.45E-06	1.22E-07	1.20E-07	5.4172E-04
607531.85	4202348.62	8356.45273	0.01419	0.01434	0.43667	0.41628	0.02774	0.02734	2.93E-04	7.98E-08	8.17E-08	3.98E-06	3.78E-06	9.07E-08	8.92E-08	3.0066E-04
607531.85	4202398.62	7870.15174	0.01329	0.01341	0.38549	0.36979	0.02694	0.02656	2.76E-04	7.47E-08	7.64E-08	3.52E-06	3.36E-06	8.81E-08	8.67E-08	2.8273E-04
607531.85	4202448.62	7430.12209	0.01248	0.01259	0.34038	0.32854	0.02622	0.02586	2.60E-04	7.02E-08	7.17E-08	3.10E-06	2.98E-06	8.57E-08	8.44E-08	2.6652E-04
607531.85	4202498.62	7048.47478	0.01184	0.01194	0.3042	0.29522	0.02563	0.02528	2.47E-04	6.66E-08	6.80E-08	2.77E-06	2.68E-06	8.38E-08	8.25E-08	2.5252E-04
607531.85	4202548.62	6687.37165	0.01123	0.01133	0.27017	0.26359	0.02504	0.02471	2.34E-04	6.32E-08	6.46E-08	2.46E-06	2.39E-06	8.19E-08	8.07E-08	2.3927E-04
607535.76	4201644.98	15266.85654	0.04965	0.05131	0.93067	0.86536	0.03734	0.03675	5.34E-04	2.79E-07	2.92E-07	8.49E-06	7.86E-06	1.22E-07	1.20E-07	5.5164E-04
607540.71	4201675.39	14806.12578	0.04596	0.04739	0.88984	0.82763	0.0368	0.03622	5.18E-04	2.58E-07	2.70E-07	8.12E-06	7.52E-06	1.20E-07	1.18E-07	5.3475E-04
607541.39	4201808.98	13424.44797	0.03357	0.03435	0.80291	0.75331	0.03524	0.03469	4.70E-04	1.89E-07	1.96E-07	7.32E-06	6.84E-06	1.15E-07	1.13E-07	4.8476E-04
607543.94	4201073.19	21627.28751	0.67309	0.7646	0.3396	0.29995	0.037	0.03671	7.57E-04	3.79E-06	4.36E-06	3.10E-06	2.72E-06	1.21E-07	1.20E-07	7.7136E-04
607543.94	4201089.71	21537.23888	0.61434	0.69934	0.37052	0.32873	0.03728	0.03697	7.54E-04	3.46E-06	3.98E-06	3.38E-06	2.99E-06	1.22E-07	1.21E-07	7.6805E-04
607543.94	4201106.23	21436.5732	0.55925	0.63694	0.39954	0.35637	0.03754	0.03722	7.50E-04	3.15E-06	3.63E-06	3.64E-06	3.24E-06	1.23E-07	1.21E-07	7.6437E-04
607543.94	4201122.75	21325.86733	0.50827	0.57831	0.42625	0.3824	0.03779	0.03744	7.47E-04	2.86E-06	3.29E-06	3.89E-06	3.47E-06	1.24E-07	1.22E-07	7.6036E-04
607543.94	4201172.31	20939.59972	0.38057	0.42965	0.49259	0.44952	0.0384	0.03801	7.33E-04	2.14E-06	2.45E-06	4.49E-06	4.08E-06	1.26E-07	1.24E-07	7.4649E-04
607546.5	4201792.51	13511.0169	0.03502	0.03586	0.79256	0.74321	0.03527	0.03472	4.73E-04	1.97E-07	2.04E-07	7.23E-06	6.75E-06	1.15E-07	1.13E-07	4.8762E-04
607553.31	4201751.62	13797.9964	0.0387	0.03972	0.785	0.73526	0.03551	0.03496	4.83E-04	2.18E-07	2.26E-07	7.16E-06	6.68E-06	1.16E-07	1.14E-07	4.9757E-04
607553.44	4201659.83	14752.16314	0.04862	0.0502	0.8176	0.76473	0.03649	0.03592	5.16E-04	2.73E-07	2.86E-07	7.46E-06	6.95E-06	1.19E-07	1.17E-07	5.3166E-04
607558.28	4201479.41	17049.27178	0.08617	0.09072	0.68349	0.65433	0.03815	0.03758	5.97E-04	4.85E-07	5.17E-07	6.23E-06	5.94E-06	1.25E-07	1.23E-07	6.1031E-04
607563.06	4201541.51	16142.39707	0.07007	0.0732	0.72709	0.69079	0.03749	0.03693	5.65E-04	3.94E-07	4.17E-07	6.63E-06	6.28E-06	1.23E-07	1.21E-07	5.7909E-04
607563.93	4201561.49	15861.50627	0.06587	0.06866	0.73819	0.69986	0.03727	0.03671	5.55E-04	3.70E-07	3.91E-07	6.73E-06	6.36E-06	1.22E-07	1.20E-07	5.6939E-04
607564.36	4201522.4	16356.69757	0.07468	0.07819	0.70263	0.66988	0.0376	0.03703	5.73E-04	4.20E-07	4.45E-07	6.41E-06	6.09E-06	1.23E-07	1.21E-07	5.8624E-04
607566.53	4201581.9	15513.05038	0.06207	0.06455	0.73937	0.69984	0.03692	0.03636	5.43E-04	3.49E-07	3.68E-07	6.74E-06	6.36E-06	1.21E-07	1.19E-07	5.5716E-04
607567.43	4201073.19	20857.43088	0.60098	0.67345	0.3009	0.26892	0.0363	0.03602	7.30E-04	3.38E-06	3.84E-06	2.74E-06	2.44E-06	1.19E-07	1.18E-07	7.4284E-04
607567.43	4201089.71	20768.84526	0.55221	0.6198	0.32552	0.2921	0.03657	0.03626	7.27E-04	3.11E-06	3.53E-06	2.97E-06	2.65E-06	1.20E-07	1.18E-07	7.3960E-04
607567.43	4201106.23	20670.76348	0.50643	0.56867	0.34878	0.31443	0.03681	0.03649	7.24E-04	2.85E-06	3.24E-06	3.18E-06	2.86E-06	1.20E-07	1.19E-07	7.3603E-04
607567.43	4201122.75	20563.61353	0.46389	0.52056	0.37041	0.33561	0.03704	0.0367	7.20E-04	2.61E-06	2.97E-06	3.38E-06	3.05E-06	1.21E-07	1.20E-07	7.3216E-04
607571.31	4201602.75	15121.29146	0.0584	0.06061	0.72424	0.68474	0.03646	0.03591	5.29E-04	3.28E-07	3.45E-07	6.61E-06	6.22E-06	1.19E-07	1.17E-07	5.4312E-04
607571.44	4201713.55	13864.10676	0.04318	0.04443	0.71677	0.67428	0.03525	0.03471	4.85E-04	2.43E-07	2.53E-07	6.54E-06	6.13E-06	1.15E-07	1.13E-07	4.9876E-04
607574.23	4201809.28	12977.36782	0.03488	0.03571	0.66869	0.63408	0.03419	0.03367	4.54E-04	1.96E-07	2.03E-07	6.10E-06	5.76E-06	1.12E-07	1.10E-07	4.6681E-04
607577.16	4201791.94	13102.36866	0.03636	0.03726	0.66812	0.63306	0.03431	0.03379	4.59E-04	2.04E-07	2.12E-07	6.09E-06	5.75E-06	1.12E-07	1.10E-07	4.7119E-04
607579.99	4201477.67	16579.47971	0.08792	0.09254	0.60168	0.57752	0.03732	0.03677	5.80E-04	4.94E-07	5.27E-07	5.49E-06	5.25E-06	1.22E-07	1.20E-07	5.9243E-04
607581.63	4201694.49	13878.58578	0.04571	0.0471	0.67825	0.6397	0.03508	0.03454	4.86E-04	2.57E-07	2.68E-07	6.19E-06	5.81E-06	1.15E-07	1.13E-07	4.9863E-04
607581.85	4202348.62	8157.29281	0.01461	0.01475	0.36314	0.34846	0.02657	0.0262	2.86E-04	8.22E-08	8.40E-08	3.31E-06	3.17E-06	8.69E-08	8.55E-08	2.9240E-04
607581.85	4202398.62	7702.99419	0.01366	0.01378	0.32522	0.31357	0.02583	0.02547	2.70E-04	7.68E-08	7.85E-08	2.97E-06	2.85E-06	8.45E-08	8.31E-08	2.7581E-04
607581.85	4202448.62	7292.29803	0.01284	0.01295	0.29135	0.2823	0.02517	0.02484	2.55E-04	7.22E-08	7.38E-08	2.66E-06	2.56E-06	8.23E-08	8.11E-08	2.6083E-04
607581.85	4202498.62	6921.22651	0.01214	0.01224	0.26168	0.25474	0.02461	0.02428	2.42E-04	6.83E-08	6.97E-08	2.39E-06	2.31E-06	8.05E-08	7.93E-08	2.4730E-04
607581.85	4202548.62	6573.05118	0.0115	0.0116	0.23392	0.22878	0.02406	0.02375	2.30E-04	6.47E-08	6.61E-08	2.13E-06	2.08E-06	7.87E-08	7.75E-08	2.3462E-04
607583.98	4201765.25	13254.11741	0.03892	0.03994	0.65778	0.62226	0.03441	0.03388	4.64E-04	2.19E-07	2.28E-07	6.00E-06	5.65E-06	1.13E-07	1.11E-07	4.7634E-04
607584.55	4201620.93	14644.55322	0.05599	0.05801	0.6709	0.63503	0.03576	0.03522	5.13E-04	3.15E-07	3.31E-07	6.12E-06	5.77E-06	1.17E-07	1.15E-07	5.2546E-04
607588.25	4201535.86	15692.21271	0.0728	0.07608	0.62055	0.59248	0.03658	0.03604	5.49E-04	4.09E-07	4.33E-07	5.66E-06	5.38E-06	1.20E-07	1.18E-07	5.6149E-04
607590.92	4201023.63	20332.20264	0.68027	0.74702	0.20654	0.18506	0.03479	0.03455	7.12E-04	3.83E-06	4.26E-06	1.88E-06	1.68E-06	1.14E-07	1.13E-07	7.2369E-04
607590.92	4201040.15	20274.49681	0.63248	0.69706	0.22768	0.20435	0.03508	0.03483	7.10E-04	3.56E-06	3.97E-06	2.08E-06	1.86E-06	1.15E-07	1.14E-07	7.2148E-04
607590.92	4201056.67	20206.66866	0.5867	0.6485	0.24883	0.22388	0.03536	0.0351	7.07E-04	3.30E-06	3.69E-06	2.27E-06	2.03E-06	1.16E-07	1.15E-07	7.1894E-04
607590.92	4201073.19	20129.15785	0.54305	0.60156	0.26959	0.24332	0.03563	0.03534	7.05E-04	3.05E-06	3.43E-06	2.46E-06	2.21E-06	1.17E-07	1.15E-07	7.1609E-04
607590.92	4201089.71	20042.19386	0.50174	0.55652	0.28963	0.26237	0.03587	0.03557	7.02E-04	2.82E-06	3.17E-06	2.64E-06	2.38E-06	1.17E-07	1.16E-07	7.1291E-04
607590.92	4201106.23	19946.54512	0.46294	0.5137	0.30867	0.28076	0.0361	0.03578	6.98E-04	2.60E-06	2.93E-06	2.82E-06	2.55E-06	1.18E-07	1.17E-07	7.0944E-04
607590.92	4201122.75	19841.9833	0.42678	0.47335	0.32651	0.29829	0.03631	0.03597	6.95E-04	2.40E-06	2.70E-06	2.98E-06	2.71E-06	1.19E-07	1.17E-07	7.0567E-04
607597.59	4201692.32	13645.22895	0.04671	0.04814	0.62107	0.58815	0.03455	0.03403	4.78E-04	2.63E-07	2.74E-07	5.66E-06	5.34E-06	1.13E-07	1.11E-07	4.8948E-04
607598.67	4201478.97	16158.21146	0.08831	0.09287	0.54574	0.52473	0.03661	0.03608	5.66E-04	4.97E-07	5.29E-07	4.98E-06	4.77E-06	1.20E-07	1.18E-07	5.7669E-04

607600.11	4201587.7	14786.69452	0.06272	0.06518	0.60704	0.57822	0.03559	0.03506	5.18E-04	3.53E-07	3.71E-07	5.54E-06	5.25E-06	1.16E-07	1.14E-07	5.2941E-04
607607.03	4201729.35	13251.03637	0.04335	0.04458	0.59427	0.5644	0.03405	0.03354	4.64E-04	2.44E-07	2.54E-07	5.42E-06	5.13E-06	1.11E-07	1.09E-07	4.7517E-04
607607.79	4201535.43	15311.27379	0.0738	0.07708	0.55754	0.53371	0.03587	0.03535	5.36E-04	4.15E-07	4.39E-07	5.09E-06	4.85E-06	1.17E-07	1.15E-07	5.4705E-04
607610.72	4201606.08	14357.24926	0.05974	0.06198	0.57699	0.54977	0.03499	0.03447	5.03E-04	3.36E-07	3.53E-07	5.26E-06	4.99E-06	1.14E-07	1.13E-07	5.1381E-04
607614.41	4201023.63	19642.07181	0.61434	0.66899	0.19146	0.173	0.03418	0.03394	6.88E-04	3.46E-06	3.81E-06	1.75E-06	1.57E-06	1.12E-07	1.11E-07	6.9846E-04
607614.41	4201040.15	19582.29288	0.57282	0.62566	0.20905	0.18925	0.03446	0.03421	6.86E-04	3.22E-06	3.56E-06	1.91E-06	1.72E-06	1.13E-07	1.12E-07	6.9619E-04
607614.41	4201056.67	19514.32072	0.53321	0.5838	0.22657	0.20561	0.03472	0.03445	6.83E-04	3.00E-06	3.33E-06	2.07E-06	1.87E-06	1.14E-07	1.12E-07	6.9366E-04
607614.41	4201073.19	19437.76626	0.49558	0.54357	0.24375	0.22184	0.03497	0.03468	6.80E-04	2.79E-06	3.10E-06	2.22E-06	2.02E-06	1.14E-07	1.13E-07	6.9085E-04
607614.41	4201089.71	19352.27042	0.46001	0.50511	0.26035	0.23775	0.03519	0.03489	6.78E-04	2.59E-06	2.88E-06	2.37E-06	2.16E-06	1.15E-07	1.14E-07	6.8773E-04
607614.41	4201106.23	19259.52449	0.42657	0.46859	0.27621	0.25315	0.0354	0.03509	6.74E-04	2.40E-06	2.67E-06	2.52E-06	2.30E-06	1.16E-07	1.15E-07	6.8438E-04
607615.67	4201566.48	14791.08425	0.06754	0.07031	0.54952	0.52576	0.03531	0.03479	5.18E-04	3.80E-07	4.01E-07	5.01E-06	4.78E-06	1.15E-07	1.14E-07	5.2862E-04
607618.06	4201676.37	13477.38621	0.04953	0.05111	0.55898	0.53174	0.03402	0.03351	4.72E-04	2.79E-07	2.91E-07	5.10E-06	4.83E-06	1.11E-07	1.09E-07	4.8255E-04
607620.62	4201625.88	13955.68762	0.05679	0.05882	0.54991	0.52417	0.03443	0.03392	4.89E-04	3.19E-07	3.35E-07	5.02E-06	4.76E-06	1.13E-07	1.11E-07	4.9923E-04
607623.86	4201478.54	15641.32474	0.08914	0.09364	0.48182	0.46411	0.0357	0.03519	5.48E-04	5.01E-07	5.34E-07	4.39E-06	4.22E-06	1.17E-07	1.15E-07	5.5747E-04
607628.27	4201709.56	13106.36224	0.04634	0.04773	0.53706	0.51165	0.03354	0.03305	4.59E-04	2.61E-07	2.72E-07	4.90E-06	4.65E-06	1.10E-07	1.08E-07	4.6914E-04
607631.24	4201526.31	14969.29655	0.07672	0.08015	0.49112	0.47174	0.03511	0.03461	5.24E-04	4.31E-07	4.57E-07	4.48E-06	4.29E-06	1.15E-07	1.13E-07	5.3394E-04
607631.85	4202348.62	7955.68741	0.01504	0.0152	0.3072	0.29627	0.02547	0.02512	2.79E-04	8.46E-08	8.66E-08	2.80E-06	2.69E-06	8.33E-08	8.20E-08	2.8435E-04
607631.85	4202398.62	7528.37487	0.01403	0.01417	0.2774	0.26861	0.02477	0.02444	2.64E-04	7.89E-08	8.07E-08	2.53E-06	2.44E-06	8.10E-08	7.98E-08	2.6885E-04
607631.85	4202448.62	7156.98181	0.01322	0.01334	0.2521	0.24508	0.0242	0.02388	2.51E-04	7.44E-08	7.60E-08	2.30E-06	2.23E-06	7.91E-08	7.79E-08	2.5539E-04
607631.85	4202498.62	6801.3515	0.01247	0.01258	0.22784	0.2224	0.02366	0.02336	2.38E-04	7.01E-08	7.17E-08	2.08E-06	2.02E-06	7.74E-08	7.62E-08	2.4250E-04
607631.85	4202548.62	6466.41347	0.0118	0.0119	0.20493	0.20085	0.02316	0.02286	2.26E-04	6.64E-08	6.78E-08	1.87E-06	1.82E-06	7.57E-08	7.46E-08	2.3036E-04
607636.96	4201667.56	13281.95048	0.05147	0.05315	0.5105	0.48735	0.0335	0.03301	4.65E-04	2.89E-07	3.03E-07	4.66E-06	4.43E-06	1.10E-07	1.08E-07	4.7488E-04
607637.9	4201023.63	18986.11094	0.5602	0.60543	0.17813	0.16215	0.03358	0.03335	6.65E-04	3.15E-06	3.45E-06	1.62E-06	1.47E-06	1.10E-07	1.09E-07	6.7460E-04
607637.9	4201040.15	18927.02452	0.5237	0.5674	0.19297	0.176	0.03384	0.0336	6.63E-04	2.95E-06	3.23E-06	1.76E-06	1.60E-06	1.11E-07	1.10E-07	6.7238E-04
607637.9	4201056.67	18858.03713	0.489	0.53089	0.20769	0.18988	0.03409	0.03382	6.60E-04	2.75E-06	3.02E-06	1.89E-06	1.72E-06	1.11E-07	1.10E-07	6.6982E-04
607637.9	4201073.19	18782.40449	0.45612	0.49593	0.22212	0.20363	0.03432	0.03404	6.58E-04	2.57E-06	2.83E-06	2.03E-06	1.85E-06	1.12E-07	1.11E-07	6.6704E-04
607637.9	4201089.71	18699.4678	0.42503	0.46259	0.2361	0.2171	0.03453	0.03423	6.55E-04	2.39E-06	2.64E-06	2.15E-06	1.97E-06	1.13E-07	1.12E-07	6.6403E-04
607637.9	4201106.23	18609.41756	0.3958	0.43097	0.24951	0.23017	0.03472	0.03441	6.51E-04	2.23E-06	2.46E-06	2.28E-06	2.09E-06	1.14E-07	1.12E-07	6.6077E-04
607638.19	4201499.38	15132.57588	0.08359	0.08755	0.46192	0.44486	0.03506	0.03456	5.30E-04	4.70E-07	4.99E-07	4.21E-06	4.04E-06	1.15E-07	1.13E-07	5.3923E-04
607646.08	4201557.29	14362.43533	0.07035	0.07325	0.47058	0.45187	0.03436	0.03387	5.03E-04	3.96E-07	4.17E-07	4.29E-06	4.10E-06	1.12E-07	1.11E-07	5.1225E-04
607647.58	4201700.87	12914.89223	0.04802	0.04949	0.4909	0.46965	0.03304	0.03255	4.52E-04	2.70E-07	2.82E-07	4.48E-06	4.27E-06	1.08E-07	1.06E-07	4.6165E-04
607655.79	4201662.74	13060.78894	0.05286	0.0546	0.46878	0.44882	0.03298	0.0325	4.57E-04	2.97E-07	3.11E-07	4.28E-06	4.08E-06	1.08E-07	1.06E-07	4.6642E-04
607661.39	4201023.63	18364.10321	0.51503	0.55279	0.16628	0.15237	0.033	0.03277	6.43E-04	2.90E-06	3.15E-06	1.52E-06	1.38E-06	1.08E-07	1.07E-07	6.5207E-04
607661.39	4201040.15	18303.91273	0.48261	0.5191	0.17894	0.1643	0.03324	0.033	6.41E-04	2.71E-06	2.96E-06	1.63E-06	1.49E-06	1.09E-07	1.08E-07	6.4982E-04
607661.39	4201056.67	18237.11428	0.45185	0.48688	0.19147	0.17621	0.03347	0.03321	6.38E-04	2.54E-06	2.77E-06	1.75E-06	1.60E-06	1.09E-07	1.08E-07	6.4734E-04
607661.39	4201073.19	18161.87866	0.42275	0.45612	0.20377	0.18799	0.03369	0.03341	6.36E-04	2.38E-06	2.60E-06	1.86E-06	1.71E-06	1.10E-07	1.09E-07	6.4459E-04
607661.39	4201089.71	18080.15584	0.39528	0.42686	0.21569	0.19955	0.03388	0.03359	6.33E-04	2.22E-06	2.43E-06	1.97E-06	1.81E-06	1.11E-07	1.10E-07	6.4163E-04
607661.39	4201106.23	17992.6635	0.36942	0.39912	0.22717	0.21079	0.03406	0.03375	6.30E-04	2.08E-06	2.27E-06	2.07E-06	1.91E-06	1.11E-07	1.10E-07	6.3847E-04
607664.96	4201692.67	12741.0586	0.04954	0.05108	0.45433	0.43576	0.03258	0.03211	4.46E-04	2.79E-07	2.91E-07	4.14E-06	3.96E-06	1.07E-07	1.05E-07	4.5494E-04
607665.17	4201577.8	13778.02934	0.06681	0.06941	0.43833	0.42143	0.03348	0.033	4.82E-04	3.76E-07	3.95E-07	4.00E-06	3.83E-06	1.09E-07	1.08E-07	4.9117E-04
607665.17	4201609.62	13417.51963	0.06096	0.06317	0.44384	0.42607	0.03313	0.03266	4.70E-04	3.43E-07	3.60E-07	4.05E-06	3.87E-06	1.08E-07	1.07E-07	4.7857E-04
607672.95	4201521.22	14272.91392	0.07863	0.08205	0.4055	0.39103	0.03374	0.03327	5.00E-04	4.42E-07	4.67E-07	3.70E-06	3.55E-06	1.10E-07	1.09E-07	5.0806E-04
607675.07	4201495.76	14491.77292	0.08486	0.08874	0.39217	0.37866	0.03384	0.03337	5.07E-04	4.77E-07	5.06E-07	3.58E-06	3.44E-06	1.11E-07	1.09E-07	5.1556E-04
607675.1	4201657.91	12835.00723	0.05414	0.05592	0.4314	0.41412	0.03244	0.03198	4.49E-04	3.04E-07	3.19E-07	3.93E-06	3.76E-06	1.06E-07	1.04E-07	4.5787E-04
607681.85	4202348.62	7763.97014	0.01551	0.01568	0.26397	0.25567	0.02447	0.02415	2.72E-04	8.72E-08	8.93E-08	2.41E-06	2.32E-06	8.00E-08	7.88E-08	2.7688E-04
607681.85	4202398.62	7378.00636	0.01448	0.01463	0.24119	0.23434	0.02384	0.02353	2.58E-04	8.14E-08	8.34E-08	2.20E-06	2.13E-06	7.80E-08	7.68E-08	2.6295E-04
607681.85	4202448.62	7024.21709	0.01361	0.01374	0.22033	0.21481	0.02329	0.02299	2.46E-04	7.65E-08	7.83E-08	2.01E-06	1.95E-06	7.62E-08	7.50E-08	2.5018E-04
607681.85	4202498.62	6686.45725	0.01282	0.01294	0.20037	0.19603	0.02278	0.0225	2.34E-04	7.21E-08	7.37E-08	1.83E-06	1.78E-06	7.45E-08	7.34E-08	2.3799E-04
607681.85	4202548.62	6364.96921	0.01211	0.01222	0.18128	0.17798	0.02231	0.02203	2.23E-04	6.81E-08	6.96E-08	1.65E-06	1.62E-06	7.30E-08	7.19E-08	2.2638E-04
607682.14	4201602.55	13229.79566	0.06253	0.06481	0.41174	0.3961	0.03267	0.0322	4.63E-04	3.52E-07	3.69E-07	3.76E-06	3.60E-06	1.07E-07	1.05E-07	4.7145E-04
607684.88	4201023.63	17772.8614	0.47667	0.50845	0.15574	0.14356	0.03243	0.0322	6.22E-04	2.68E-06	2.90E-06	1.42E-06	1.30E-06	1.06E-07	1.05E-07	6.3073E-04
607684.88	4201040.15	17713.39613	0.4476	0.47835	0.16666	0.15391	0.03266	0.03241	6.20E-04	2.52E-06	2.73E-06	1.52E-06	1.40E-06	1.07E-07	1.06E-07	6.2850E-04
607684.88	4201056.67	17645.77696	0.4201	0.44965	0.17745	0.16424	0.03287	0.03261	6.18E-04	2.36E-06	2.56E-06	1.62E-06	1.49E-06	1.07E-07	1.06E-07	6.2601E-04
607684.88	4201073.19	17572.84915	0.3941	0.42233	0.18803	0.17445	0.03307	0.03279	6.15E-04	2.22E-06	2.41E-06	1.72E-06	1.58E-06	1.08E-07	1.07E-07	6.2335E-04
607684.88	4201089.71	17493.7834	0.36956	0.39637	0.19833	0.18447	0.03325	0.03296	6.12E-04	2.08E-06	2.26E-06	1.81E-06	1.68E-06	1.09E-07	1.08E-07	6.2048E-04
607684.88	4201106.23	17408.93926	0.34646	0.37177	0.20827	0.19423	0.03342	0.03311	6.09E-04	1.95E-06	2.12E-06	1.90E-06	1.76E-06	1.09E-07	1.08E-07	6.1742E-04
607687.16	4201688.32	12475.62076	0.05062	0.0522	0.41342	0.39764	0.03196	0.0315	4.37E-04	2.85E-07	2.97E-07	3.77E-06	3.61E-06	1.05E-07	1.03E-07	4.4493E-04
607689.92	4201541.02	13774.35193	0.07446	0.0775	0.38444	0.37112	0.03303	0.03256	4.82E-04	4.19E-07	4.42E-07	3.51E-06	3.37E-06	1.08E-07	1.06E-07	4.9018E-04
607691.99	4201650.19	12666.25109	0.0556	0.05745	0.4018	0.38653	0.032	0.03155	4.43E-04	3.13E-07	3.27E-07	3.66E-06	3.51E-06	1.05E-07	1.03E-07	4.5146E-04
607694.87	4201484.45	14255.83334	0.0877	0.0917	0.35837	0.34654	0.03328	0.03282	4.99E-04	4.93E-07	5.22E-07	3.27E-06	3.15E-06	1.09E-07	1.07E-07	5.0673E-04
607700.53	4201594.06	13036.3663	0.06424	0.06659	0.38076	0.36703	0.03218	0.03172	4.56E-04	3.61E-07	3.79E-07	3.47E-06	3.33E-06	1.05E-07	1.04E-07	4.6415E-04
607708.37	4201023.63	17210.52246	0.44363	0.47059	0.14633	0.1356	0.03187	0.03164	6.03E-04	2.50E-06	2.68E-06	1.33E-06	1.23E-06	1.04E-07	1.03E-07	6.1047E-04
607708.37	4201040.15	17150.59387	0.4174	0.4435	0.15583	0.14468	0.03209	0.03184	6.00E-04	2.35E-06	2.53E-06	1.42E-06	1.31E-06	1.05E-07	1.04E-07	6.0825E-04
607708.37	4201056.67	17084.46888	0.3926	0.41773	0.16521	0.15371	0.03228	0.03202	5.98E-04	2.21E-06	2.38E-06	1.51E-06	1.40E-06	1.06E-07	1.05E-07	6.0581E-04
607708.4	4201680.6	12243.96742	0.05203	0.05367	0.37998	0.36634	0.03138	0.03094	4.29E-04	2.93E-07	3.06E-07	3.47E-06	3.33E-06	1.03E-07	1.01E-07	4.3625E-04
607715.16	4201646.81	12385.3694	0.0565	0.05837	0.36694	0.35388	0.03137	0.03093	4.34E-04	3.18E-07	3.33E-07	3.35E-06	3.21E-06	1.03E-07	1.01E-07	4.4102E-04
607715.38	4201481.62	13929.24808	0.08816	0.09211	0.33082	0.32029	0.03264	0.0322	4.88E-04	4.96E-07	5.25E-07	3.02E-06	2.91E-06	1.07E-07	1.05E-07	4.9481E-04
607716.09	4201541.02	13339.44422	0.07448	0.07745	0.34788	0.33641	0.03218	0.03174	4.67E-04	4.19E-07	4.41E-07	3.17E-06	3.06E-06	1.05E-07	1.04E-07	4.7430E-04
607720.33	4201594.77	12739.56635	0.06426	0.06657	0.35278	0.34061	0.03157	0.03113	4.46E-04	3.61E-07	3.79E-07	3.22E-06	3.09E-06	1.03E-07	1.02E-07	4.5326E-04
607731.85	4202348.62	7573.53343	0.01595	0.01614	0.2295	0.22304	0.02354	0.02323	2.65E-04	8.97E-08	9.20E-08	2.09E-06	2.03E-06	7.70E-08	7.58E-08	2.6960E-04
607731.85	4202398.62	7228.16299	0.01492	0.01508	0.21168	0.20626	0.02297	0.02268	2.53E-04	8.39E-08	8.59E-08	1.93E-06	1.87E-06	7.51E-08	7.40E-08	2.5717E-04
607731.85	4202448.62	6893.04299	0.01399	0.01413	0.19428	0.18986	0.02244	0.02217	2.41E-04	7.87E-08	8.05E-08	1.77E-06	1.72E-06	7.34E-08	7.24E-08	2.4512E-04
607731.85	4202498.62	6570.75462	0.01316	0.01328	0.17752	0.17401	0.02195	0.02169	2.30E-04	7.40E-08	7.57E-08	1.62E-06	1.58E-06	7.18E-08	7.08E-08	2.3353E-04
607731.85	4202548.62	6266.02719	0.01242	0.01253	0.16164	0.15893	0.02151	0.02125	2.19E-04	6.99E-08	7.14E-08	1.47E-06	1.44E-06	7.03E-08	6.94E-08	2.2257E-04
607733.02	4201646.81	12152.92103	0.05671	0.05857	0.34346	0.33177	0.03087	0.03044	4.25E-04	3.19E-07	3.34E-07	3.13E-06	3.01E-06	1.01E-07	9.94E-08	4.3246E-04
607733.02	4201674.32	11967.5192	0.05316	0.05483	0.34631	0.33464	0.03072	0.0303	4.19E-04	2.99E-07	3.12E-07	3.16E-06	3.04E-06	1.00E-07	9.89E-08	4.2598E-04
607737.3	4201483.03	13548.34515	0.08741	0.09119	0.3065	0.29707	0.03195	0.03152	4.74E-04	4.92E-07	5.20E-07	2.80E-06	2.70E-06	1.04E-07	1.03E-07	4.8103E-04
607748.62	4201581.33	12461.22412	0.06653	0.06892	0.31648	0.30627	0.03086	0.03044	4.36E-04	3.74E-07	3.93E-07	2.89E-06	2.78E-06	1.01E-07	9.94E-08	4.4289E-04
607751.45	4201596.89	12290.79326	0.06395	0.06618	0.31556	0.30536	0.03067	0.03025	4.30E-04	3.60E-07	3.77E-07	2.88E-06	2.77E-06	1.00E-07	9.87E-08	4.3688E-04
607754.26	4201674.32	11702.1494	0.05333	0.05497	0.32126	0.311	0.03014	0.02973	4.10E-04	3.00E-07	3.13E-07	2.93E-06	2.83E-06	9.86E-08	9.70E-08	4.1625E-04
607754.74	4201641.98	11913.54418	0.0575	0.05936	0.31764	0.3074	0.03031	0.02989	4.17E-04	3.23E-07	3.38E-07	2.90E-06	2.79E-06	9.91E-08	9.76E-08	4.2363E-04
607756.4	4201533.95	12781.2957	0.07544	0.07836	0.2999	0.29061	0.03101	0.03059	4.47E-04	4.24E-07	4.46E-07	2.74E-06	2.64E-06	1.01E-07	9.98E-08	4.5391E-04
607756.4	4201557.99	12562.71906	0.0707	0.07332	0.30445	0.29491	0.03082	0.0304	4.40E-04	3.98E-07	4.18E-07	2.78E-06	2.68E-06	1.01E-07	9.92E-08	4.4628E-04
607759.93	4201485.86	13154.23077	0.08611	0.0897	0.28518	0.27661	0.03124	0.03082	4.61E-04	4.84E-07	5.11E-07	2.60E-06	2.51E-06	1.02E-07	1.01E-07	4.6683E-04
607825.82	4201172.31	14158.77336	0.20523	0.2144	0.15671	0.15023	0.03015	0.02983	4.96E-04	1.15E-06	1.22E-06	1.43E-06	1.36E-06	9.86E-08	9.74E-08	5.0105E-04
607825.82	4201188.83	14078.44207	0.19517	0.20388	0.16121	0.15478	0.03019	0.02987	4.93E-04	1.10E-06	1.16E-06	1.47E-06	1.41E-06	9.87E-08	9.75E-08	4.9821E-04
607825.82	4201205.35	13995.42069	0.1857	0.19395	0.16561	0.15926	0.03021	0.02989	4.90E-04	1.04E-06	1.11E-06	1.51E-06	1.45E-06	9.88E-08	9.76E-08	4.9527E-04
607825.82	4201221.87	13910.31434	0.17676	0.18457	0.16995	0.16366	0.03023	0.0299	4.87E-04	9.94E-07	1.05E-06	1.55E-06	1.49E-06	9.89E-08	9.76E-08	4.9227E-04
607825.82	4201238.39	13822.16974	0.16833	0.17572	0.17423	0.168	0.03024	0.0299	4.84E-04	9.47E-07	1.00E-06	1.59E-06	1.53E-06	9.89E-08	9.76E-08	4.8916E-04
607849.31	4201172.31	13756.89625	0.19737	0.20557	0.14763	0.14181	0.02957	0.02927	4.82E-04	1.11E-06	1.17E-06	1.35E-06	1.29E-06	9.67E-08	9.55E-08	4.8672E-04
607849.31	4201188.83	13679.45411	0.188	0.1958	0.1518	0.14602	0.02961	0.02929	4.79E-04	1.06E-06	1.12E-06	1.38E-06	1.33E-06	9.68E-08	9.56E-08	4.8398E-04
607849.31	4201205.35	13598.88557	0.17915	0.18656	0.15589	0.15015	0.02963	0.02931	4.76E-04	1.01E-06	1.06E-06	1.42E-06	1.36E-06	9.69E-08	9.57E-08	4.8113E-04
607849.31	4201221.87	13517.56816	0.1708	0.17783	0.15992	0.15423	0.02964	0.02931	4.73E-04	9.61E-07	1.01E-06	1.46E-06	1.40E-06	9.69E-08	9.57E-08	4.7826E-04
607849.31	4201238.39	13434.68297	0.16291	0.16958	0.16389	0.15824	0.02964	0.02931	4.70E-04	9.16E-07	9.66E-07	1.49E-06	1.44E-06	9.69E-08	9.57E-08	4.7534E-04
607872.8	4201172.31	13373.67244	0.19005	0.1974	0.1395	0.13425	0.02902	0.02872	4.68E-04	1.07E-06	1.12E-06	1.27E-06	1.22E-06	9.49E-08	9.37E-08	4.7307E-04
607872.8	4201188.83	13299.07591	0.1813	0.18831	0.14336	0.13815	0.02904	0.02874	4.66E-04	1.02E-06	1.07E-06	1.31E-06	1.25E-06	9.50E-08	9.38E-08	4.7043E-04
607872.8	4201205.35	13222.20434	0.17302	0.17969	0.14716	0.14198	0.02906	0.02875	4.63E-04	9.73E-07	1.02E-06	1.34E-06	1.29E-06	9.50E-08	9.38E-08	4.6771E-04
607872.8	4201221.87	13143.82991	0.16519	0.17154	0.1509	0.14576	0.02907	0.02875	4.60E-04	9.29E-07	9.77E-07	1.38E-06	1.32E-06	9.51E-08	9.38E-08	4.6495E-04
607872.8	4201238.39	13063.68998	0.15778	0.16382	0.15458	0.14948	0.02906	0.02874	4.57E-04	8.87E-07	9.33E-07	1.41E-06	1.36E-06	9.50E-08	9.38E-08	4.6213E-04
608186.19	4200763.95	10298.01486	0.25081	0.25428	0.03696	0.03562	0.02117	0.02108	3.61E-04	1.41E-06	1.45E-06	3.37E-07	3.24E-07	6.92E-08	6.88E-08	3.6418E-04
608186.19	4200771.55	10297.8093	0.24763	0.25111	0.0377	0.03634	0.02124	0.02115	3.61E-04	1.39E-06	1.43E-06	3.44E-07	3.30E-07	6.95E-08	6.90E-08	3.6415E-04
608186.19	4200756.35	10297.13766	0.254	0.25746	0.03623	0.03491	0.02109	0.02101	3.60E-04	1.43E-06	1.47E-06	3.30E-07	3.17E-07	6.90E-08	6.86E-08	3.6417E-04
608186.19	4200779.15	10296.56561	0.24446	0.24794	0.03845	0.03706	0.02131	0.02122	3.60E-04	1.37E-06	1.41E-06	3.51E-07	3.37E-07	6.97E-08	6.93E-08	3.6409E-04
608186.19	4200748.75	10295.29699	0.25719	0.26065	0.0355	0.03421	0.02102	0.02094	3.60E-04	1.45E-06	1.49E-06	3.24E-07	3.11E-07	6.87E-08	6.83E-08	3.6413E-04
608186.19	4200786.75	10294.30803	0.24131	0.2448	0.0392	0.03779	0.02138	0.02129	3.60E-04	1.36E-06	1.39E-06	3.58E-07	3.43E-07	6.99E-08	6.95E-08	3.6399E-04
608186.19	4200741.15	10292.55982	0.2604	0.26385	0.03479	0.03351	0.02094	0.02086	3.60E-04	1.46E-06	1.50E-06	3.17E-07	3.04E-07	6.85E-08	6.81E-08	3.6406E-04
608186.19	4200794.35	10291.44769	0.23818	0.24167	0.03996	0.03853	0.02145	0.02135	3.60E-04	1.34E-06	1.38E-06	3.64E-07	3.50E-07	7.01E-08	6.97E-08	3.6386E-04
608186.19	4200733.55	10289.19836	0.26362	0.26706	0.03408	0.03283	0.02086	0.02079	3.60E-04	1.48E-06	1.52E-06	3.11E-07	2.98E-07	6.82E-08	6.79E-08	3.6396E-04
608186.19	4200801.95	10288.06323	0.23508	0.23856	0.04072	0.03928	0.02152	0.02142	3.60E-04	1.32E-06	1.36E-06	3.71E-07	3.57E-07	7.04E-08	6.99E-08	3.6373E-04
608186.19	4200809.55	10283.70608	0.23199	0.23547	0.0415	0.04003	0.02159	0.02148	3.60E-04	1.30E-06	1.34E-06	3.79E-07	3.64E-07	7.06E-08	7.01E-08	3.6355E-04
608186.19	4200817.15	10278.54755	0.22892	0.2324	0.04227	0.04079	0.02165	0.02154	3.60E-04	1.29E-06	1.32E-06	3.86E-07	3.71E-07	7.08E-08	7.03E-08	3.6335E-04
608186.19	4200824.75	10272.5375	0.22588	0.22936	0.04306	0.04155	0.02171	0.0216	3.60E-04	1.27E-06	1.31E-06	3.93E-07	3.77E-07	7.10E-08	7.05E-08	3.6312E-04
608186.19	4200832.35	10265.80646	0.22286	0.22633	0.04384	0.04232	0.02177	0.02166	3.59E-04	1.25E-06	1.29E-06	4.00E-07	3.84E-07	7.12E-08	7.07E-08	3.6287E-04
608186.19	4200839.95	10258.30073	0.21987	0.22333	0.04463	0.0431	0.02183	0.02172	3.59E-04	1.24E-06	1.27E-06	4.07E-07	3.92E-07	7.14E-08	7.09E-08	3.6258E-04
608186.19	4200847.55	10250.15221	0.21691	0.22036	0.04542	0.04387	0.02189	0.02177	3.59E-04	1.22E-06	1.26E-06	4.14E-07	3.99E-07	7.16E-08	7.11E-08	3.6228E-04
608186.19	4200855.15	10241.39239	0.21397	0.21741	0.04622	0.04465	0.02195	0.02183	3.59E-04	1.20E-06	1.24E-06	4.22E-07	4.06E-07	7.18E-08	7.13E-08	3.6195E-04
608186.19	4200862.75	10231.93661	0.21106	0.21449	0.04702	0.04544	0.022	0.02188	3.58E-04	1.19E-06	1.22E-06	4.29E-07	4.13E-07	7.19E-08	7.14E-08	3.6160E-04
608186.19	4200870.35	10221.77485	0.20818	0.2116	0.04782	0.04623	0.02206	0.02193	3.58E-04	1.17E-06	1.21E-06	4.36E-07	4.20E-07	7.21E-08	7.16E-08	3.6123E-04
608193.06	4200763.95	10232.68089	0.24621	0.2496	0.03686	0.03553	0.02109	0.02101	3.58E-04	1.38E-06	1.42E-06	3.36E-07	3.23E-07	6.90E-08	6.86E-08	3.6184E-04
608193.06	4200771.55	10232.41306	0.24313	0.24653	0.03759	0.03624	0.02117	0.02108	3.58E-04	1.37E-06	1.40E-06	3.43E-07	3.29E-07	6.92E-08	6.88E-08	3.6181E-04
608193.06	4200756.35	10231.96322	0.2493	0.25269	0.03613	0.03483	0.02102	0.02094	3.58E-04	1.40E-06	1.44E-06	3.30E-07	3.16E-07	6.87E-08	6.83E-08	3.6184E-04
608193.06	4200779.15	10230.93516	0.24007	0.24347	0.03833	0.03696	0.02124	0.02114	3.58E-04	1.35E-06	1.39E-06	3.50E-07	3.36E-07	6.95E-08	6.90E-08	3.6174E-04
608193.06	4200748.75	10230.50302	0.2524	0.25578	0.03542	0.03414	0.02095	0.02087	3.58E-04	1.42E-06	1.46E-06	3.23E-07	3.10E-07	6.85E-08	6.81E-08	3.6181E-04
608193.06	4200786.75	10228.46484	0.23701	0.24041	0.03907	0.03768	0.02131	0.02121	3.58E-04	1.33E-06	1.37E-06	3.56E-07	3.42E-07	6.97E-08	6.92E-08	3.6163E-04
608193.06	4200741.15	10228.37438	0.25551	0.25888	0.03471	0.03345	0.02087	0.02079	3.58E-04	1.44E-06	1.47E-06	3.17E-07	3.04E-07	6.83E-08	6.79E-08	3.6175E-04
608193.06	4200794.35	10225.40097	0.23397	0.23738	0.03982	0.03841	0.02137	0.02128	3.58E-04	1.32E-06	1.35E-06	3.63E-07	3.49E-07	6.99E-08	6.95E-08	3.6150E-04
608193.06	4200733.55	10225.12288	0.25862	0.26198	0.03401	0.03278	0.02079	0.02072	3.58E-04	1.45E-06	1.49E-06	3.10E-07	2.98E-07	6.80E-08	6.76E-08	3.6166E-04
608193.06	4200801.95	10221.54231	0.23096	0.23436	0.04058	0.03915	0.02144	0.02134	3.58E-04	1.30E-06	1.34E-06	3.70E-07	3.56E-07	7.01E-08	6.97E-08	3.6135E-04
608193.06	4200809.55	10216.82479	0.22796	0.23136	0.04134	0.03989	0.02151	0.0214	3.58E-04	1.28E-06	1.32E-06	3.77E-07	3.62E-07	7.03E-08	6.99E-08	3.6116E-04
608193.06	4200817.15	10211.51012	0.22498	0.22838	0.0421	0.04064	0.02157	0.02146	3.57E-04	1.27E-06	1.30E-06	3.84E-07	3.69E-07	7.05E-08	7.00E-08	3.6096E-04
608193.06	4200824.75	10205.63818	0.22203	0.22543	0.04287	0.04139	0.02163	0.02152	3.57E-04	1.25E-06	1.28E-06	3.91E-07	3.76E-07	7.07E-08	7.02E-08	3.6073E-04
608193.06	4200832.35	10198.97522	0.2191	0.22249	0.04365	0.04215	0.02169	0.02158	3.57E-04	1.23E-06	1.27E-06	3.98E-07	3.83E-07	7.09E-08	7.04E-08	3.6048E-04
608193.06	4200839.95	10191.36756	0.21619	0.21958	0.04442	0.04291	0.02175	0.02163	3.57E-04	1.22E-06	1.25E-06	4.05E-07	3.90E-07	7.11E-08	7.06E-08	3.6019E-04
608193.06	4200847.55	10183.12196	0.21331	0.21669	0.04521	0.04368	0.02181	0.02169	3.57E-04	1.20E-06	1.23E-06	4.12E-07	3.97E-07	7.13E-08	7.08E-08	3.5989E-04
608193.06	4200855.15	10174.27359	0.21046	0.21382	0.04599	0.04445	0.02186	0.02174	3.56E-04	1.18E-06	1.22E-06	4.19E-07	4.04E-07	7.15E-08	7.10E-08	3.5956E-04
608193.06	4200862.75	10164.74382	0.20763	0.21098	0.04678	0.04522	0.02192	0.02179	3.56E-04	1.17E-06	1.20E-06	4.27E-07	4.11E-07	7.17E-08	7.11E-08	3.5921E-04
608193.06	4200870.35	10154.62802	0.20483	0.20817	0.04757	0.046	0.02197	0.02184	3.56E-04	1.15E-06	1.19E-06	4.34E-07	4.18E-07	7.18E-08	7.13E-08	3.5884E-04
608199.93	4200763.95	10168.16804	0.24174	0.24505	0.03676	0.03545	0.02102	0.02093	3.56E-04	1.36E-06	1.40E-06	3.35E-07	3.22E-07	6.87E-08	6.83E-08	3.5953E-04
608199.93	4200771.55	10167.65094	0.23875	0.24207	0.03748	0.03615	0.02109	0.021	3.56E-04	1.34E-06	1.38E-06	3.42E-07	3.28E-07	6.90E-08	6.85E-08	3.5949E-04
608199.93	4200756.35	10167.60016	0.24473	0.24804	0.03604	0.03476	0.02095	0.02086	3.56E-04	1.38E-06	1.41E-06	3.29E-07	3.16E-07	6.85E-08	6.81E-08	3.5953E-04
608199.93	4200748.75	10166.41283	0.24773	0.25103	0.03533	0.03407	0.02087	0.02079	3.56E-04	1.39E-06	1.43E-06	3.22E-07	3.09E-07	6.83E-08	6.79E-08	3.5951E-04
608199.93	4200779.15	10165.93868	0.23578	0.2391	0.03821	0.03685	0.02116	0.02107	3.56E-04	1.33E-06	1.36E-06	3.49E-07	3.35E-07	6.92E-08	6.88E-08	3.5941E-04
608199.93	4200741.15	10164.68701	0.25074	0.25403	0.03464	0.0334	0.0208	0.02072	3.56E-04	1.41E-06	1.45E-06	3.16E-07	3.03E-07	6.80E-08	6.76E-08	3.5947E-04
608199.93	4200786.75	10163.3566	0.23282	0.23614	0.03894	0.03757	0.02123	0.02113	3.56E-04	1.31E-06	1.35E-06	3.55E-07	3.41E-07	6.94E-08	6.90E-08	3.5930E-04
608199.93	4200733.55	10161.64036	0.25375	0.25703	0.03394	0.03273	0.02072	0.02065	3.56E-04	1.43E-06	1.46E-06	3.10E-07	2.97E-07	6.78E-08	6.74E-08	3.5938E-04
608199.93	4200794.35	10159.99893	0.22987	0.2332	0.03968	0.03829	0.0213	0.0212	3.56E-04	1.29E-06	1.33E-06	3.62E-07	3.48E-07	6.97E-08	6.92E-08	3.5916E-04
608199.93	4200801.95	10155.87366	0.22694	0.23027	0.04042	0.03902	0.02136	0.02126	3.56E-04	1.28E-06	1.31E-06	3.69E-07	3.54E-07	6.99E-08	6.94E-08	3.5900E-04
608199.93	4200809.55	10150.89496	0.22402	0.22735	0.04117	0.03975	0.02143	0.02132	3.55E-04	1.26E-06	1.30E-06	3.76E-07	3.61E-07	7.01E-08	6.96E-08	3.5881E-04
608199.93	4200817.15	10145.3305	0.22113	0.22446	0.04193	0.04049	0.02149	0.02138	3.55E-04	1.24E-06	1.28E-06	3.82E-07	3.68E-07	7.03E-08	6.98E-08	3.5859E-04
608199.93	4200824.75	10139.2251	0.21827	0.22159	0.04269	0.04123	0.02155	0.02144	3.55E-04	1.23E-06	1.26E-06	3.89E-07	3.75E-07	7.05E-08	7.00E-08	3.5836E-04
608199.93	4200832.35	10132.63287	0.21543	0.21874	0.04345	0.04198	0.02161	0.02149	3.55E-04	1.21E-06	1.25E-06	3.96E-07	3.81E-07	7.07E-08	7.01E-08	3.5811E-04
608199.93	4200839.95	10125.02443	0.2126	0.21591	0.04422	0.04273	0.02167	0.02155	3.54E-04	1.20E-06	1.23E-06	4.03E-07	3.88E-07	7.09E-08	7.03E-08	3.5783E-04
608199.93	4200847.55	10116.77672	0.2098	0.2131	0.04499	0.04348	0.02172	0.0216	3.54E-04	1.18E-06	1.21E-06	4.10E-07	3.95E-07	7.10E-08	7.05E-08	3.5752E-04
608199.93	4200855.15	10107.8406	0.20703	0.21031	0.04576	0.04424	0.02178	0.02165	3.54E-04	1.16E-06	1.20E-06	4.17E-07	4.02E-07	7.12E-08	7.07E-08	3.5719E-04
608199.93	4200862.75	10098.2432	0.20428	0.20755	0.04654	0.045	0.02183	0.0217	3.54E-04	1.15E-06	1.18E-06	4.25E-07	4.09E-07	7.14E-08	7.08E-08	3.5684E-04
608199.93	4200870.35	10088.08727	0.20155	0.20482	0.04732	0.04577	0.02188	0.02175	3.53E-04	1.13E-06	1.17E-06	4.32E-07	4.16E-07	7.16E-08	7.10E-08	3.5647E-04
608206.8	4200763.95	10104.0685	0.23737	0.24061	0.03665	0.03536	0.02095	0.02086	3.54E-04	1.33E-06	1.37E-06	3.34E-07	3.21E-07	6.85E-08	6.81E-08	3.5723E-04
608206.8	4200756.35	10103.84623	0.24027	0.24351	0.03595	0.03468	0.02088	0.02079	3.54E-04	1.35E-06	1.39E-06	3.28E-07	3.15E-07	6.83E-08	6.79E-08	3.5724E-04
608206.8	4200771.55	10103.41179	0.23448	0.23773	0.03737	0.03606	0.02102	0.02093	3.54E-04	1.32E-06	1.35E-06	3.41E-07	3.28E-07	6.87E-08	6.83E-08	3.5719E-04
608206.8	4200748.75	10103.11297	0.24318	0.24641	0.03525	0.034	0.0208	0.02072	3.54E-04	1.37E-06	1.40E-06	3.22E-07	3.09E-07	6.80E-08	6.76E-08	3.5724E-04
608206.8	4200741.15	10101.58364	0.2461	0.24932	0.03456	0.03333	0.02073	0.02065	3.54E-04	1.38E-06	1.42E-06	3.15E-07	3.03E-07	6.78E-08	6.74E-08	3.5720E-04
608206.8	4200779.15	10101.57181	0.2316	0.23485	0.03808	0.03676	0.02109	0.02099	3.54E-04	1.30E-06	1.34E-06	3.47E-07	3.34E-07	6.90E-08	6.85E-08	3.5711E-04
608206.8	4200786.75	10098.78515	0.22872	0.23197	0.03881	0.03746	0.02115	0.02106	3.54E-04	1.29E-06	1.32E-06	3.54E-07	3.40E-07	6.92E-08	6.87E-08	3.5699E-04
608206.8	4200733.55	10098.74153	0.24901	0.25222	0.03388	0.03267	0.02065	0.02058	3.54E-04	1.40E-06	1.44E-06	3.09E-07	2.97E-07	6.75E-08	6.72E-08	3.5713E-04
608206.8	4200794.35	10095.23848	0.22586	0.22912	0.03954	0.03817	0.02122	0.02112	3.53E-04	1.27E-06	1.31E-06	3.61E-07	3.47E-07	6.94E-08	6.89E-08	3.5685E-04
608206.8	4200801.95	10090.94707	0.22302	0.22627	0.04027	0.03889	0.02128	0.02118	3.53E-04	1.25E-06	1.29E-06	3.67E-07	3.53E-07	6.96E-08	6.91E-08	3.5668E-04
608206.8	4200809.55	10085.90073	0.22019	0.22344	0.04101	0.03961	0.02135	0.02124	3.53E-04	1.24E-06	1.27E-06	3.74E-07	3.60E-07	6.98E-08	6.93E-08	3.5648E-04
608206.8	4200817.15	10080.09564	0.21738	0.22063	0.04176	0.04034	0.02141	0.0213	3.53E-04	1.22E-06	1.26E-06	3.81E-07	3.66E-07	7.00E-08	6.95E-08	3.5626E-04
608206.8	4200824.75	10073.58113	0.21459	0.21784	0.04251	0.04107	0.02147	0.02136	3.53E-04	1.21E-06	1.24E-06	3.88E-07	3.73E-07	7.02E-08	6.97E-08	3.5602E-04
608206.8	4200832.35	10066.77765	0.21183	0.21507	0.04326	0.0418	0.02153	0.02141	3.52E-04	1.19E-06	1.23E-06	3.95E-07	3.80E-07	7.04E-08	6.99E-08	3.5576E-04
608206.8	4200839.95	10059.3514	0.20909	0.21232	0.04401	0.04254	0.02158	0.02147	3.52E-04	1.18E-06	1.21E-06	4.01E-07	3.86E-07	7.06E-08	7.01E-08	3.5548E-04
608206.8	4200847.55	10051.10951	0.20637	0.20959	0.04477	0.04329	0.02164	0.02152	3.52E-04	1.16E-06	1.19E-06	4.08E-07	3.93E-07	7.08E-08	7.02E-08	3.5518E-04
608206.8	4200855.15	10042.08941	0.20367	0.20688	0.04554	0.04404	0.02169	0.02157	3.52E-04	1.15E-06	1.18E-06	4.15E-07	4.00E-07	7.09E-08	7.04E-08	3.5485E-04
608206.8	4200862.75	10032.43127	0.201	0.2042	0.0463	0.04479	0.02175	0.02162	3.51E-04	1.13E-06	1.16E-06	4.22E-07	4.07E-07	7.11E-08	7.06E-08	3.5449E-04
608206.8	4200870.35	10022.2354	0.19835	0.20154	0.04707	0.04554	0.0218	0.02167	3.51E-04	1.12E-06	1.15E-06	4.29E-07	4.14E-07	7.13E-08	7.07E-08	3.5412E-04
608213.67	4200756.35	10040.69624	0.23593	0.23909	0.03585	0.0346	0.0208	0.02072	3.52E-04	1.33E-06	1.36E-06	3.27E-07	3.14E-07	6.80E-08	6.76E-08	3.5498E-04
608213.67	4200763.95	10040.47803	0.23312	0.23629	0.03655	0.03528	0.02087	0.02079	3.52E-04	1.31E-06	1.35E-06	3.33E-07	3.20E-07	6.83E-08	6.79E-08	3.5496E-04
608213.67	4200748.75	10040.30243	0.23875	0.24191	0.03516	0.03393	0.02073	0.02065	3.52E-04	1.34E-06	1.38E-06	3.21E-07	3.08E-07	6.78E-08	6.74E-08	3.5499E-04
608213.67	4200771.55	10039.59435	0.23032	0.23349	0.03725	0.03596	0.02094	0.02085	3.51E-04	1.30E-06	1.33E-06	3.40E-07	3.27E-07	6.85E-08	6.81E-08	3.5491E-04
608213.67	4200741.15	10039.15397	0.24158	0.24473	0.03448	0.03327	0.02066	0.02058	3.51E-04	1.36E-06	1.39E-06	3.15E-07	3.02E-07	6.76E-08	6.72E-08	3.5497E-04
608213.67	4200779.15	10037.63389	0.22752	0.23069	0.03796	0.03665	0.02101	0.02092	3.51E-04	1.28E-06	1.31E-06	3.46E-07	3.33E-07	6.87E-08	6.83E-08	3.5482E-04
608213.67	4200733.55	10036.51788	0.2444	0.24754	0.03381	0.03261	0.02058	0.02051	3.51E-04	1.37E-06	1.41E-06	3.08E-07	2.96E-07	6.73E-08	6.69E-08	3.5489E-04
608213.67	4200786.75	10034.74366	0.22473	0.22791	0.03868	0.03735	0.02108	0.02098	3.51E-04	1.26E-06	1.30E-06	3.53E-07	3.39E-07	6.89E-08	6.85E-08	3.5470E-04
608213.67	4200794.35	10031.10994	0.22196	0.22514	0.0394	0.03805	0.02114	0.02104	3.51E-04	1.25E-06	1.28E-06	3.59E-07	3.46E-07	6.91E-08	6.87E-08	3.5455E-04
608213.67	4200801.95	10026.65995	0.2192	0.22237	0.04012	0.03876	0.02121	0.0211	3.51E-04	1.23E-06	1.27E-06	3.66E-07	3.52E-07	6.94E-08	6.89E-08	3.5438E-04
608213.67	4200809.55	10021.45804	0.21645	0.21963	0.04085	0.03947	0.02127	0.02116	3.51E-04	1.22E-06	1.25E-06	3.73E-07	3.59E-07	6.96E-08	6.91E-08	3.5418E-04
608213.67	4200817.15	10015.50975	0.21372	0.2169	0.04159	0.04019	0.02133	0.02122	3.51E-04	1.20E-06	1.24E-06	3.79E-07	3.65E-07	6.98E-08	6.93E-08	3.5396E-04
608213.67	4200824.75	10008.87113	0.21101	0.21418	0.04232	0.04091	0.02139	0.02127	3.50E-04	1.19E-06	1.22E-06	3.86E-07	3.72E-07	7.00E-08	6.94E-08	3.5371E-04
608213.67	4200832.35	10001.6825	0.20832	0.21149	0.04307	0.04164	0.02144	0.02133	3.50E-04	1.17E-06	1.20E-06	3.93E-07	3.78E-07	7.01E-08	6.96E-08	3.5344E-04
608213.67	4200839.95	9994.25282	0.20566	0.20882	0.04381	0.04237	0.0215	0.02138	3.50E-04	1.16E-06	1.19E-06	4.00E-07	3.85E-07	7.03E-08	6.98E-08	3.5316E-04
608213.67	4200847.55	9986.10886	0.20302	0.20616	0.04456	0.0431	0.02156	0.02144	3.50E-04	1.14E-06	1.17E-06	4.06E-07	3.92E-07	7.05E-08	7.00E-08	3.5286E-04
608213.67	4200855.15	9977.00934	0.20039	0.20353	0.04531	0.04384	0.02161	0.02149	3.49E-04	1.13E-06	1.16E-06	4.13E-07	3.98E-07	7.07E-08	7.01E-08	3.5252E-04
608213.67	4200862.75	9967.29952	0.19779	0.20092	0.04606	0.04458	0.02166	0.02153	3.49E-04	1.11E-06	1.14E-06	4.20E-07	4.05E-07	7.08E-08	7.03E-08	3.5217E-04
608213.67	4200870.35	9957.0664	0.19521	0.19833	0.04682	0.04532	0.02171	0.02158	3.49E-04	1.10E-06	1.13E-06	4.27E-07	4.12E-07	7.10E-08	7.04E-08	3.5180E-04
608220.54	4200756.35	9978.22829	0.2317	0.23479	0.03576	0.03452	0.02073	0.02065	3.49E-04	1.30E-06	1.34E-06	3.26E-07	3.14E-07	6.78E-08	6.74E-08	3.5274E-04
608220.54	4200748.75	9978.17066	0.23444	0.23752	0.03508	0.03386	0.02066	0.02058	3.49E-04	1.32E-06	1.35E-06	3.20E-07	3.08E-07	6.76E-08	6.72E-08	3.5276E-04

608220.54	4200763.95	9977.58754	0.22897	0.23207	0.03645	0.03519	0.0208	0.02071	3.49E-04	1.29E-06	1.32E-06	3.32E-07	3.20E-07	6.80E-08	6.76E-08	3.5270E-04
608220.54	4200741.15	9977.19971	0.23718	0.24025	0.0344	0.0332	0.02059	0.02051	3.49E-04	1.33E-06	1.37E-06	3.14E-07	3.02E-07	6.73E-08	6.69E-08	3.5274E-04
608220.54	4200771.55	9976.29342	0.22625	0.22935	0.03714	0.03586	0.02087	0.02078	3.49E-04	1.27E-06	1.31E-06	3.39E-07	3.26E-07	6.83E-08	6.78E-08	3.5264E-04
608220.54	4200733.55	9974.86008	0.23991	0.24297	0.03373	0.03256	0.02052	0.02044	3.49E-04	1.35E-06	1.38E-06	3.08E-07	2.96E-07	6.71E-08	6.67E-08	3.5268E-04
608220.54	4200779.15	9974.02754	0.22354	0.22664	0.03784	0.03655	0.02094	0.02084	3.49E-04	1.26E-06	1.29E-06	3.45E-07	3.32E-07	6.85E-08	6.80E-08	3.5254E-04
608220.54	4200786.75	9971.03876	0.22083	0.22394	0.03854	0.03723	0.021	0.0209	3.49E-04	1.24E-06	1.28E-06	3.52E-07	3.38E-07	6.87E-08	6.82E-08	3.5242E-04
608220.54	4200794.35	9967.51608	0.21814	0.22125	0.03926	0.03793	0.02107	0.02097	3.49E-04	1.23E-06	1.26E-06	3.58E-07	3.45E-07	6.89E-08	6.84E-08	3.5228E-04
608220.54	4200801.95	9963.00226	0.21546	0.21857	0.03997	0.03863	0.02113	0.02103	3.49E-04	1.21E-06	1.25E-06	3.65E-07	3.51E-07	6.91E-08	6.86E-08	3.5211E-04
608220.54	4200809.55	9957.64719	0.2128	0.2159	0.04069	0.03933	0.02119	0.02108	3.49E-04	1.20E-06	1.23E-06	3.71E-07	3.57E-07	6.93E-08	6.88E-08	3.5190E-04
608220.54	4200817.15	9951.56365	0.21015	0.21325	0.04141	0.04004	0.02125	0.02114	3.48E-04	1.18E-06	1.22E-06	3.78E-07	3.64E-07	6.95E-08	6.90E-08	3.5167E-04
608220.54	4200824.75	9944.8049	0.20751	0.21061	0.04214	0.04075	0.02131	0.02119	3.48E-04	1.17E-06	1.20E-06	3.84E-07	3.70E-07	6.97E-08	6.92E-08	3.5142E-04
608220.54	4200832.35	9937.33522	0.2049	0.20799	0.04287	0.04147	0.02136	0.02125	3.48E-04	1.15E-06	1.19E-06	3.91E-07	3.77E-07	6.99E-08	6.94E-08	3.5114E-04
608220.54	4200839.95	9929.90306	0.20231	0.20539	0.04361	0.04219	0.02142	0.0213	3.48E-04	1.14E-06	1.17E-06	3.98E-07	3.83E-07	7.00E-08	6.95E-08	3.5087E-04
608220.54	4200847.55	9921.67599	0.19974	0.20281	0.04435	0.04291	0.02147	0.02135	3.47E-04	1.12E-06	1.16E-06	4.05E-07	3.90E-07	7.02E-08	6.97E-08	3.5056E-04
608220.54	4200855.15	9912.59234	0.19718	0.20025	0.04509	0.04364	0.02152	0.0214	3.47E-04	1.11E-06	1.14E-06	4.11E-07	3.96E-07	7.04E-08	6.99E-08	3.5023E-04
608220.54	4200862.75	9902.83882	0.19465	0.19771	0.04583	0.04437	0.02158	0.02145	3.47E-04	1.09E-06	1.13E-06	4.18E-07	4.03E-07	7.06E-08	7.00E-08	3.4987E-04
608220.54	4200870.35	9892.56778	0.19214	0.19519	0.04657	0.0451	0.02162	0.02149	3.46E-04	1.08E-06	1.11E-06	4.25E-07	4.10E-07	7.07E-08	7.01E-08	3.4950E-04
608227.41	4200748.75	9916.5257	0.23024	0.23325	0.03499	0.03379	0.02059	0.02051	3.47E-04	1.29E-06	1.33E-06	3.19E-07	3.07E-07	6.73E-08	6.69E-08	3.5055E-04
608227.41	4200756.35	9916.43999	0.22758	0.23061	0.03566	0.03444	0.02066	0.02057	3.47E-04	1.28E-06	1.31E-06	3.25E-07	3.13E-07	6.76E-08	6.71E-08	3.5053E-04
608227.41	4200741.15	9915.61979	0.23289	0.23589	0.03432	0.03314	0.02052	0.02044	3.47E-04	1.31E-06	1.34E-06	3.13E-07	3.01E-07	6.71E-08	6.67E-08	3.5054E-04
608227.41	4200763.95	9915.47858	0.22493	0.22796	0.03634	0.0351	0.02073	0.02064	3.47E-04	1.27E-06	1.30E-06	3.31E-07	3.19E-07	6.78E-08	6.74E-08	3.5048E-04
608227.41	4200771.55	9913.77987	0.22229	0.22532	0.03703	0.03577	0.02079	0.0207	3.47E-04	1.25E-06	1.28E-06	3.38E-07	3.25E-07	6.80E-08	6.76E-08	3.5040E-04
608227.41	4200733.55	9913.57135	0.23553	0.23853	0.03367	0.0325	0.02045	0.02037	3.47E-04	1.32E-06	1.36E-06	3.07E-07	2.95E-07	6.69E-08	6.65E-08	3.5048E-04
608227.41	4200779.15	9911.12061	0.21965	0.22269	0.03772	0.03644	0.02086	0.02077	3.47E-04	1.24E-06	1.27E-06	3.44E-07	3.31E-07	6.82E-08	6.78E-08	3.5029E-04
608227.41	4200786.75	9907.9481	0.21703	0.22007	0.03841	0.03712	0.02092	0.02083	3.47E-04	1.22E-06	1.25E-06	3.50E-07	3.37E-07	6.84E-08	6.80E-08	3.5017E-04
608227.41	4200794.35	9904.26188	0.21442	0.21746	0.03911	0.0378	0.02099	0.02089	3.47E-04	1.21E-06	1.24E-06	3.57E-07	3.43E-07	6.86E-08	6.82E-08	3.5002E-04
608227.41	4200801.95	9899.87094	0.21182	0.21486	0.03982	0.03849	0.02105	0.02095	3.47E-04	1.19E-06	1.22E-06	3.63E-07	3.50E-07	6.88E-08	6.84E-08	3.4985E-04
608227.41	4200809.55	9894.45831	0.20923	0.21227	0.04053	0.03919	0.02111	0.021	3.46E-04	1.18E-06	1.21E-06	3.70E-07	3.56E-07	6.90E-08	6.85E-08	3.4965E-04
608227.41	4200817.15	9888.25093	0.20665	0.20969	0.04124	0.03989	0.02117	0.02106	3.46E-04	1.16E-06	1.19E-06	3.76E-07	3.62E-07	6.92E-08	6.87E-08	3.4941E-04
608227.41	4200824.75	9881.3757	0.20409	0.20712	0.04196	0.04059	0.02123	0.02111	3.46E-04	1.15E-06	1.18E-06	3.83E-07	3.69E-07	6.94E-08	6.89E-08	3.4916E-04
608227.41	4200832.35	9873.90521	0.20155	0.20457	0.04268	0.0413	0.02128	0.02117	3.46E-04	1.13E-06	1.17E-06	3.89E-07	3.75E-07	6.96E-08	6.91E-08	3.4888E-04
608227.41	4200839.95	9866.10682	0.19903	0.20205	0.04341	0.04201	0.02134	0.02122	3.45E-04	1.12E-06	1.15E-06	3.96E-07	3.82E-07	6.98E-08	6.93E-08	3.4859E-04
608227.41	4200847.55	9857.80228	0.19653	0.19954	0.04413	0.04272	0.02139	0.02127	3.45E-04	1.11E-06	1.14E-06	4.03E-07	3.88E-07	7.00E-08	6.94E-08	3.4828E-04
608227.41	4200855.15	9848.83263	0.19405	0.19705	0.04486	0.04344	0.02144	0.02132	3.45E-04	1.09E-06	1.12E-06	4.09E-07	3.95E-07	7.01E-08	6.96E-08	3.4796E-04
608227.41	4200862.75	9839.03414	0.19159	0.19457	0.04559	0.04416	0.02149	0.02136	3.44E-04	1.08E-06	1.11E-06	4.16E-07	4.01E-07	7.03E-08	6.97E-08	3.4760E-04
608227.41	4200870.35	9828.72773	0.18914	0.19212	0.04633	0.04488	0.02154	0.02141	3.44E-04	1.06E-06	1.09E-06	4.23E-07	4.08E-07	7.04E-08	6.99E-08	3.4722E-04
608234.28	4200748.75	9855.17475	0.22613	0.22908	0.03491	0.03371	0.02052	0.02044	3.45E-04	1.27E-06	1.31E-06	3.18E-07	3.06E-07	6.71E-08	6.67E-08	3.4836E-04
608234.28	4200756.35	9854.95004	0.22356	0.22652	0.03557	0.03436	0.02059	0.0205	3.45E-04	1.26E-06	1.29E-06	3.24E-07	3.12E-07	6.73E-08	6.69E-08	3.4833E-04
608234.28	4200741.15	9854.41361	0.2287	0.23164	0.03425	0.03307	0.02045	0.02037	3.45E-04	1.29E-06	1.32E-06	3.12E-07	3.00E-07	6.69E-08	6.65E-08	3.4835E-04
608234.28	4200763.95	9853.95334	0.221	0.22396	0.03624	0.03501	0.02066	0.02057	3.45E-04	1.24E-06	1.28E-06	3.31E-07	3.18E-07	6.76E-08	6.71E-08	3.4828E-04
608234.28	4200771.55	9852.0447	0.21843	0.2214	0.03692	0.03567	0.02072	0.02063	3.45E-04	1.23E-06	1.26E-06	3.37E-07	3.24E-07	6.78E-08	6.73E-08	3.4820E-04
608234.28	4200779.15	9849.28431	0.21587	0.21884	0.0376	0.03633	0.02079	0.02069	3.45E-04	1.21E-06	1.25E-06	3.43E-07	3.30E-07	6.80E-08	6.75E-08	3.4808E-04
608234.28	4200786.75	9845.74882	0.21332	0.21629	0.03828	0.037	0.02085	0.02075	3.45E-04	1.20E-06	1.23E-06	3.49E-07	3.36E-07	6.82E-08	6.77E-08	3.4794E-04
608234.28	4200794.35	9841.62147	0.21078	0.21375	0.03898	0.03768	0.02091	0.02081	3.45E-04	1.19E-06	1.22E-06	3.56E-07	3.42E-07	6.84E-08	6.79E-08	3.4778E-04
608234.28	4200801.95	9837.35398	0.20826	0.21123	0.03967	0.03836	0.02097	0.02087	3.44E-04	1.17E-06	1.20E-06	3.62E-07	3.48E-07	6.86E-08	6.81E-08	3.4762E-04
608234.28	4200809.55	9831.8877	0.20575	0.20872	0.04037	0.03905	0.02103	0.02093	3.44E-04	1.16E-06	1.19E-06	3.68E-07	3.55E-07	6.88E-08	6.83E-08	3.4741E-04
608234.28	4200817.15	9825.65418	0.20324	0.20621	0.04108	0.03974	0.02109	0.02098	3.44E-04	1.14E-06	1.17E-06	3.75E-07	3.61E-07	6.90E-08	6.85E-08	3.4718E-04
608234.28	4200824.75	9818.58027	0.20075	0.20371	0.04178	0.04043	0.02115	0.02103	3.44E-04	1.13E-06	1.16E-06	3.81E-07	3.67E-07	6.92E-08	6.86E-08	3.4692E-04
608234.28	4200832.35	9811.01782	0.19828	0.20124	0.04249	0.04113	0.0212	0.02109	3.43E-04	1.12E-06	1.15E-06	3.88E-07	3.74E-07	6.93E-08	6.88E-08	3.4664E-04
608234.28	4200839.95	9802.86285	0.19583	0.19877	0.04321	0.04183	0.02125	0.02114	3.43E-04	1.10E-06	1.13E-06	3.94E-07	3.80E-07	6.95E-08	6.90E-08	3.4634E-04
608234.28	4200847.55	9794.39396	0.19339	0.19633	0.04392	0.04253	0.02131	0.02119	3.43E-04	1.09E-06	1.12E-06	4.01E-07	3.86E-07	6.97E-08	6.92E-08	3.4602E-04
608234.28	4200855.15	9785.54697	0.19098	0.19391	0.04464	0.04324	0.02136	0.02123	3.43E-04	1.07E-06	1.10E-06	4.07E-07	3.93E-07	6.99E-08	6.93E-08	3.4570E-04
608234.28	4200862.75	9775.88116	0.18858	0.1915	0.04536	0.04395	0.02141	0.02128	3.42E-04	1.06E-06	1.09E-06	4.14E-07	3.99E-07	7.00E-08	6.95E-08	3.4535E-04
608234.28	4200870.35	9765.62694	0.18621	0.18912	0.04608	0.04466	0.02145	0.02132	3.42E-04	1.05E-06	1.08E-06	4.20E-07	4.06E-07	7.01E-08	6.96E-08	3.4498E-04
608240.38	4200722.19	9795.95592	0.2313	0.23416	0.03258	0.03146	0.02021	0.02014	3.43E-04	1.30E-06	1.33E-06	2.97E-07	2.86E-07	6.61E-08	6.57E-08	3.4630E-04
608240.73	4200729.53	9795.29777	0.22868	0.23155	0.03319	0.03205	0.02028	0.0202	3.43E-04	1.29E-06	1.32E-06	3.03E-07	2.91E-07	6.63E-08	6.59E-08	3.4626E-04
608241.15	4200748.75	9794.2066	0.22213	0.22501	0.03482	0.03364	0.02045	0.02037	3.43E-04	1.25E-06	1.28E-06	3.18E-07	3.06E-07	6.69E-08	6.65E-08	3.4617E-04
608241.15	4200741.15	9793.86377	0.22462	0.2275	0.03417	0.033	0.02038	0.0203	3.43E-04	1.26E-06	1.30E-06	3.12E-07	3.00E-07	6.66E-08	6.63E-08	3.4618E-04
608241.15	4200756.35	9793.85438	0.21964	0.22253	0.03547	0.03427	0.02052	0.02043	3.43E-04	1.24E-06	1.27E-06	3.24E-07	3.11E-07	6.71E-08	6.67E-08	3.4615E-04
608241.15	4200763.95	9792.92109	0.21715	0.22005	0.03614	0.03492	0.02058	0.02049	3.43E-04	1.22E-06	1.25E-06	3.30E-07	3.17E-07	6.73E-08	6.69E-08	3.4610E-04
608241.15	4200771.55	9790.98439	0.21467	0.21757	0.0368	0.03557	0.02065	0.02056	3.43E-04	1.21E-06	1.24E-06	3.36E-07	3.23E-07	6.75E-08	6.71E-08	3.4601E-04
608241.15	4200779.15	9788.03634	0.21218	0.21509	0.03748	0.03623	0.02071	0.02062	3.43E-04	1.19E-06	1.23E-06	3.42E-07	3.29E-07	6.77E-08	6.73E-08	3.4589E-04
608241.15	4200786.75	9784.24173	0.20971	0.21261	0.03816	0.03689	0.02077	0.02068	3.43E-04	1.18E-06	1.21E-06	3.48E-07	3.35E-07	6.79E-08	6.75E-08	3.4575E-04
608241.15	4200794.35	9779.95779	0.20724	0.21014	0.03884	0.03756	0.02084	0.02074	3.42E-04	1.17E-06	1.20E-06	3.54E-07	3.41E-07	6.82E-08	6.77E-08	3.4558E-04
608241.15	4200801.95	9775.44615	0.20479	0.20769	0.03952	0.03823	0.0209	0.02079	3.42E-04	1.15E-06	1.18E-06	3.60E-07	3.47E-07	6.83E-08	6.79E-08	3.4541E-04
608241.15	4200809.55	9769.93472	0.20235	0.20525	0.04021	0.03891	0.02095	0.02085	3.42E-04	1.14E-06	1.17E-06	3.67E-07	3.53E-07	6.85E-08	6.81E-08	3.4520E-04
608241.15	4200817.15	9763.58126	0.19991	0.20281	0.04091	0.03959	0.02101	0.0209	3.42E-04	1.12E-06	1.16E-06	3.73E-07	3.60E-07	6.87E-08	6.82E-08	3.4496E-04
608241.15	4200824.75	9756.49987	0.19749	0.20039	0.0416	0.04027	0.02107	0.02095	3.42E-04	1.11E-06	1.14E-06	3.79E-07	3.66E-07	6.89E-08	6.84E-08	3.4470E-04
608241.15	4200832.35	9748.84897	0.19509	0.19798	0.0423	0.04096	0.02112	0.02101	3.41E-04	1.10E-06	1.13E-06	3.86E-07	3.72E-07	6.91E-08	6.86E-08	3.4442E-04
608241.15	4200839.95	9740.52227	0.1927	0.19558	0.04301	0.04165	0.02117	0.02106	3.41E-04	1.08E-06	1.11E-06	3.92E-07	3.78E-07	6.92E-08	6.87E-08	3.4411E-04
608241.15	4200847.55	9731.80331	0.19033	0.1932	0.04371	0.04234	0.02122	0.0211	3.41E-04	1.07E-06	1.10E-06	3.99E-07	3.85E-07	6.94E-08	6.89E-08	3.4379E-04
608241.15	4200855.15	9722.63601	0.18798	0.19084	0.04442	0.04304	0.02127	0.02115	3.40E-04	1.06E-06	1.09E-06	4.05E-07	3.91E-07	6.96E-08	6.90E-08	3.4346E-04
608241.15	4200862.75	9713.19416	0.18565	0.1885	0.04513	0.04374	0.02132	0.0212	3.40E-04	1.04E-06	1.07E-06	4.12E-07	3.97E-07	6.97E-08	6.92E-08	3.4312E-04
608241.15	4200870.35	9702.9918	0.18334	0.18618	0.04584	0.04444	0.02137	0.02124	3.40E-04	1.03E-06	1.06E-06	4.18E-07	4.04E-07	6.99E-08	6.93E-08	3.4275E-04
608248.02	4200741.15	9734.06265	0.22065	0.22346	0.03409	0.03293	0.02031	0.02023	3.41E-04	1.24E-06	1.27E-06	3.11E-07	2.99E-07	6.64E-08	6.60E-08	3.4404E-04
608248.02	4200748.75	9733.99057	0.21823	0.22105	0.03473	0.03356	0.02038	0.02029	3.41E-04	1.23E-06	1.26E-06	3.17E-07	3.05E-07	6.66E-08	6.62E-08	3.4402E-04
608248.02	4200756.35	9733.51166	0.21582	0.21864	0.03538	0.03419	0.02045	0.02036	3.41E-04	1.21E-06	1.25E-06	3.23E-07	3.11E-07	6.69E-08	6.65E-08	3.4399E-04
608248.02	4200763.95	9732.46144	0.21341	0.21624	0.03603	0.03483	0.02051	0.02042	3.41E-04	1.20E-06	1.23E-06	3.29E-07	3.16E-07	6.71E-08	6.67E-08	3.4394E-04
608248.02	4200771.55	9730.40949	0.21099	0.21383	0.03669	0.03547	0.02058	0.02048	3.41E-04	1.19E-06	1.22E-06	3.35E-07	3.22E-07	6.73E-08	6.68E-08	3.4385E-04
608248.02	4200779.15	9727.27865	0.20858	0.21142	0.03736	0.03612	0.02064	0.02054	3.41E-04	1.17E-06	1.20E-06	3.41E-07	3.28E-07	6.75E-08	6.70E-08	3.4372E-04
608248.02	4200786.75	9723.3231	0.20618	0.20902	0.03803	0.03678	0.0207	0.0206	3.40E-04	1.16E-06	1.19E-06	3.47E-07	3.34E-07	6.77E-08	6.72E-08	3.4357E-04
608248.02	4200794.35	9718.88971	0.20378	0.20662	0.0387	0.03743	0.02076	0.02066	3.40E-04	1.15E-06	1.18E-06	3.53E-07	3.40E-07	6.79E-08	6.74E-08	3.4340E-04
608248.02	4200801.95	9713.95736	0.20139	0.20423	0.03938	0.0381	0.02082	0.02072	3.40E-04	1.13E-06	1.16E-06	3.59E-07	3.46E-07	6.81E-08	6.76E-08	3.4321E-04
608248.02	4200809.55	9708.40852	0.19902	0.20186	0.04006	0.03877	0.02088	0.02077	3.40E-04	1.12E-06	1.15E-06	3.65E-07	3.52E-07	6.83E-08	6.78E-08	3.4301E-04
608248.02	4200817.15	9702.03578	0.19666	0.19949	0.04074	0.03944	0.02093	0.02082	3.40E-04	1.11E-06	1.14E-06	3.72E-07	3.58E-07	6.84E-08	6.80E-08	3.4277E-04
608248.02	4200824.75	9694.94784	0.1943	0.19714	0.04143	0.04011	0.02099	0.02088	3.39E-04	1.09E-06	1.12E-06	3.78E-07	3.64E-07	6.86E-08	6.82E-08	3.4251E-04
608248.02	4200832.35	9687.20866	0.19196	0.19479	0.04212	0.04079	0.02104	0.02093	3.39E-04	1.08E-06	1.11E-06	3.84E-07	3.71E-07	6.88E-08	6.83E-08	3.4222E-04
608248.02	4200839.95	9678.89537	0.18964	0.19246	0.04282	0.04147	0.02109	0.02097	3.39E-04	1.07E-06	1.10E-06	3.91E-07	3.77E-07	6.90E-08	6.84E-08	3.4192E-04
608248.02	4200847.55	9669.93162	0.18733	0.19014	0.04351	0.04216	0.02114	0.02102	3.39E-04	1.05E-06	1.08E-06	3.97E-07	3.83E-07	6.91E-08	6.86E-08	3.4159E-04
608248.02	4200855.15	9660.62788	0.18504	0.18784	0.04421	0.04284	0.02119	0.02107	3.38E-04	1.04E-06	1.07E-06	4.03E-07	3.89E-07	6.93E-08	6.88E-08	3.4125E-04
608248.02	4200862.75	9650.96944	0.18277	0.18556	0.04491	0.04353	0.02124	0.02111	3.38E-04	1.03E-06	1.06E-06	4.10E-07	3.95E-07	6.95E-08	6.89E-08	3.4090E-04
608248.02	4200870.35	9640.90475	0.18052	0.1833	0.0456	0.04422	0.02128	0.02116	3.38E-04	1.02E-06	1.04E-06	4.16E-07	4.02E-07	6.96E-08	6.91E-08	3.4054E-04
608248.07	4200730.93	9732.28118	0.22387	0.22667	0.03323	0.0321	0.02022	0.02014	3.41E-04	1.26E-06	1.29E-06	3.03E-07	2.92E-07	6.61E-08	6.57E-08	3.4400E-04
608248.42	4200723.59	9727.33295	0.22599	0.22877	0.03262	0.03151	0.02014	0.02007	3.41E-04	1.27E-06	1.30E-06	2.98E-07	2.86E-07	6.59E-08	6.55E-08	3.4383E-04
608254.89	4200741.15	9674.90155	0.21678	0.21953	0.034	0.03287	0.02024	0.02016	3.39E-04	1.22E-06	1.25E-06	3.10E-07	2.99E-07	6.62E-08	6.58E-08	3.4192E-04
608254.89	4200748.75	9674.60327	0.21443	0.21719	0.03464	0.03349	0.02031	0.02022	3.39E-04	1.21E-06	1.24E-06	3.16E-07	3.04E-07	6.64E-08	6.60E-08	3.4189E-04
608254.89	4200756.35	9673.82029	0.21209	0.21485	0.03528	0.03411	0.02037	0.02029	3.39E-04	1.19E-06	1.22E-06	3.22E-07	3.10E-07	6.66E-08	6.62E-08	3.4185E-04
608254.89	4200763.95	9672.47297	0.20975	0.21252	0.03593	0.03474	0.02044	0.02035	3.39E-04	1.18E-06	1.21E-06	3.28E-07	3.16E-07	6.68E-08	6.64E-08	3.4179E-04
608254.89	4200771.55	9670.31749	0.20741	0.21018	0.03658	0.03538	0.0205	0.02041	3.39E-04	1.17E-06	1.20E-06	3.34E-07	3.21E-07	6.70E-08	6.66E-08	3.4170E-04
608254.89	4200779.15	9667.09805	0.20507	0.20784	0.03724	0.03602	0.02057	0.02047	3.38E-04	1.15E-06	1.18E-06	3.40E-07	3.27E-07	6.73E-08	6.68E-08	3.4157E-04
608254.89	4200786.75	9663.07652	0.20273	0.20551	0.0379	0.03666	0.02063	0.02053	3.38E-04	1.14E-06	1.17E-06	3.46E-07	3.33E-07	6.75E-08	6.70E-08	3.4142E-04
608254.89	4200794.35	9658.41196	0.2004	0.20318	0.03856	0.03731	0.02068	0.02058	3.38E-04	1.13E-06	1.16E-06	3.52E-07	3.39E-07	6.76E-08	6.72E-08	3.4124E-04
608254.89	4200801.95	9653.06719	0.19808	0.20086	0.03923	0.03797	0.02074	0.02064	3.38E-04	1.11E-06	1.14E-06	3.58E-07	3.45E-07	6.78E-08	6.74E-08	3.4104E-04
608254.89	4200809.55	9647.39737	0.19577	0.19855	0.0399	0.03863	0.0208	0.02069	3.38E-04	1.10E-06	1.13E-06	3.64E-07	3.51E-07	6.80E-08	6.75E-08	3.4083E-04
608254.89	4200817.15	9641.00329	0.19347	0.19625	0.04058	0.03929	0.02085	0.02075	3.38E-04	1.09E-06	1.12E-06	3.70E-07	3.57E-07	6.82E-08	6.77E-08	3.4059E-04
608254.89	4200824.75	9634.00355	0.19119	0.19396	0.04126	0.03996	0.02091	0.0208	3.37E-04	1.08E-06	1.11E-06	3.76E-07	3.63E-07	6.84E-08	6.79E-08	3.4033E-04
608254.89	4200832.35	9626.18134	0.18891	0.19168	0.04194	0.04062	0.02096	0.02085	3.37E-04	1.06E-06	1.09E-06	3.83E-07	3.69E-07	6.85E-08	6.81E-08	3.4005E-04
608254.89	4200839.95	9617.79409	0.18665	0.18941	0.04262	0.0413	0.02101	0.02089	3.37E-04	1.05E-06	1.08E-06	3.89E-07	3.75E-07	6.87E-08	6.82E-08	3.3974E-04
608254.89	4200847.55	9608.85575	0.1844	0.18715	0.04331	0.04197	0.02106	0.02094	3.36E-04	1.04E-06	1.07E-06	3.95E-07	3.81E-07	6.89E-08	6.83E-08	3.3941E-04
608254.89	4200855.15	9599.33225	0.18217	0.18491	0.04399	0.04265	0.02111	0.02099	3.36E-04	1.02E-06	1.05E-06	4.01E-07	3.87E-07	6.90E-08	6.85E-08	3.3907E-04
608254.89	4200862.75	9589.46253	0.17996	0.18269	0.04468	0.04333	0.02115	0.02103	3.36E-04	1.01E-06	1.04E-06	4.08E-07	3.94E-07	6.92E-08	6.86E-08	3.3871E-04
608254.89	4200870.35	9579.36366	0.17777	0.18049	0.04537	0.04401	0.0212	0.02107	3.35E-04	1.00E-06	1.03E-06	4.14E-07	4.00E-07	6.93E-08	6.88E-08	3.3834E-04
608255.41	4200731.98	9669.59755	0.21931	0.22205	0.03324	0.03212	0.02015	0.02008	3.39E-04	1.23E-06	1.27E-06	3.03E-07	2.92E-07	6.59E-08	6.55E-08	3.4175E-04
608255.76	4200725.34	9665.05931	0.22115	0.22387	0.03269	0.03159	0.02009	0.02001	3.38E-04	1.24E-06	1.28E-06	2.98E-07	2.87E-07	6.57E-08	6.53E-08	3.4160E-04
608261.76	4200741.15	9616.28712	0.21301	0.2157	0.03392	0.0328	0.02017	0.02009	3.37E-04	1.20E-06	1.23E-06	3.09E-07	2.98E-07	6.60E-08	6.56E-08	3.3982E-04
608261.76	4200748.75	9615.85727	0.21073	0.21343	0.03455	0.03341	0.02024	0.02016	3.37E-04	1.19E-06	1.22E-06	3.15E-07	3.03E-07	6.62E-08	6.58E-08	3.3979E-04
608261.76	4200756.35	9614.68859	0.20845	0.21116	0.03518	0.03403	0.0203	0.02022	3.37E-04	1.17E-06	1.20E-06	3.21E-07	3.09E-07	6.64E-08	6.60E-08	3.3974E-04
608261.76	4200763.95	9612.95237	0.20618	0.20889	0.03582	0.03465	0.02037	0.02028	3.37E-04	1.16E-06	1.19E-06	3.27E-07	3.15E-07	6.66E-08	6.62E-08	3.3966E-04
608261.76	4200771.55	9610.70073	0.20391	0.20662	0.03647	0.03528	0.02043	0.02034	3.36E-04	1.15E-06	1.18E-06	3.33E-07	3.20E-07	6.68E-08	6.64E-08	3.3957E-04
608261.76	4200779.15	9607.40546	0.20163	0.20435	0.03711	0.03591	0.02049	0.0204	3.36E-04	1.13E-06	1.16E-06	3.38E-07	3.26E-07	6.70E-08	6.66E-08	3.3944E-04
608261.76	4200786.75	9603.31846	0.19937	0.20208	0.03777	0.03655	0.02055	0.02045	3.36E-04	1.12E-06	1.15E-06	3.45E-07	3.32E-07	6.72E-08	6.67E-08	3.3929E-04
608261.76	4200794.35	9598.51337	0.1971	0.19982	0.03842	0.03719	0.02061	0.02051	3.36E-04	1.11E-06	1.14E-06	3.50E-07	3.38E-07	6.74E-08	6.69E-08	3.3910E-04
608261.76	4200801.95	9592.94747	0.19484	0.19756	0.03908	0.03784	0.02067	0.02056	3.36E-04	1.10E-06	1.13E-06	3.56E-07	3.44E-07	6.76E-08	6.71E-08	3.3890E-04
608261.76	4200809.55	9586.98357	0.1926	0.19531	0.03975	0.03849	0.02072	0.02062	3.36E-04	1.08E-06	1.11E-06	3.63E-07	3.50E-07	6.78E-08	6.73E-08	3.3867E-04
608261.76	4200817.15	9580.47894	0.19036	0.19307	0.04041	0.03914	0.02078	0.02067	3.35E-04	1.07E-06	1.10E-06	3.69E-07	3.56E-07	6.80E-08	6.75E-08	3.3843E-04
608261.76	4200824.75	9573.5672	0.18814	0.19085	0.04108	0.0398	0.02083	0.02072	3.35E-04	1.06E-06	1.09E-06	3.75E-07	3.62E-07	6.81E-08	6.76E-08	3.3818E-04
608261.76	4200832.35	9565.75526	0.18593	0.18863	0.04175	0.04046	0.02088	0.02077	3.35E-04	1.05E-06	1.07E-06	3.81E-07	3.68E-07	6.83E-08	6.78E-08	3.3789E-04
608261.76	4200839.95	9557.30013	0.18373	0.18642	0.04243	0.04112	0.02093	0.02081	3.35E-04	1.03E-06	1.06E-06	3.87E-07	3.74E-07	6.84E-08	6.79E-08	3.3758E-04
608261.76	4200847.55	9548.30529	0.18154	0.18423	0.0431	0.04179	0.02098	0.02086	3.34E-04	1.02E-06	1.05E-06	3.93E-07	3.80E-07	6.86E-08	6.81E-08	3.3726E-04
608261.76	4200855.15	9538.82755	0.17937	0.18205	0.04378	0.04245	0.02103	0.0209	3.34E-04	1.01E-06	1.04E-06	3.99E-07	3.86E-07	6.88E-08	6.82E-08	3.3691E-04
608261.76	4200862.75	9528.7489	0.17721	0.17988	0.04446	0.04312	0.02107	0.02095	3.34E-04	9.97E-07	1.02E-06	4.06E-07	3.92E-07	6.89E-08	6.84E-08	3.3655E-04
608261.76	4200870.35	9518.45066	0.17507	0.17773	0.04514	0.0438	0.02112	0.02099	3.33E-04	9.85E-07	1.01E-06	4.12E-07	3.98E-07	6.91E-08	6.85E-08	3.3618E-04
608268.63	4200741.15	9557.74962	0.20932	0.21195	0.03384	0.03273	0.0201	0.02002	3.35E-04	1.18E-06	1.21E-06	3.09E-07	2.97E-07	6.57E-08	6.53E-08	3.3773E-04
608268.63	4200748.75	9557.28778	0.20711	0.20975	0.03446	0.03333	0.02017	0.02009	3.35E-04	1.16E-06	1.20E-06	3.14E-07	3.03E-07	6.60E-08	6.56E-08	3.3770E-04
608268.63	4200756.35	9556.10653	0.20491	0.20755	0.03508	0.03394	0.02023	0.02015	3.35E-04	1.15E-06	1.18E-06	3.20E-07	3.08E-07	6.62E-08	6.58E-08	3.3765E-04
608268.63	4200763.95	9554.07661	0.20269	0.20535	0.03572	0.03456	0.0203	0.02021	3.34E-04	1.14E-06	1.17E-06	3.26E-07	3.14E-07	6.64E-08	6.60E-08	3.3756E-04
608268.63	4200771.55	9551.82203	0.20049	0.20315	0.03635	0.03518	0.02036	0.02027	3.34E-04	1.13E-06	1.16E-06	3.32E-07	3.20E-07	6.66E-08	6.62E-08	3.3747E-04
608268.63	4200779.15	9548.367	0.19828	0.20094	0.03699	0.03581	0.02042	0.02032	3.34E-04	1.12E-06	1.14E-06	3.37E-07	3.25E-07	6.68E-08	6.63E-08	3.3734E-04
608268.63	4200786.75	9544.12785	0.19608	0.19874	0.03764	0.03644	0.02048	0.02038	3.34E-04	1.10E-06	1.13E-06	3.43E-07	3.31E-07	6.70E-08	6.65E-08	3.3717E-04
608268.63	4200794.35	9539.18592	0.19388	0.19654	0.03828	0.03707	0.02054	0.02043	3.34E-04	1.09E-06	1.12E-06	3.49E-07	3.37E-07	6.72E-08	6.67E-08	3.3699E-04
608268.63	4200801.95	9533.58359	0.19168	0.19434	0.03893	0.03771	0.02059	0.02049	3.34E-04	1.08E-06	1.11E-06	3.55E-07	3.43E-07	6.73E-08	6.69E-08	3.3678E-04
608268.63	4200809.55	9527.24443	0.1895	0.19215	0.03959	0.03835	0.02065	0.02054	3.34E-04	1.07E-06	1.09E-06	3.61E-07	3.48E-07	6.75E-08	6.70E-08	3.3654E-04
608268.63	4200817.15	9520.63652	0.18732	0.18998	0.04025	0.03899	0.0207	0.02059	3.33E-04	1.05E-06	1.08E-06	3.67E-07	3.54E-07	6.77E-08	6.72E-08	3.3630E-04
608268.63	4200824.75	9513.80838	0.18516	0.18781	0.04091	0.03964	0.02075	0.02064	3.33E-04	1.04E-06	1.07E-06	3.73E-07	3.60E-07	6.79E-08	6.74E-08	3.3605E-04
608268.63	4200832.35	9505.9267	0.18301	0.18565	0.04157	0.04029	0.0208	0.02069	3.33E-04	1.03E-06	1.06E-06	3.79E-07	3.66E-07	6.80E-08	6.75E-08	3.3576E-04
608268.63	4200839.95	9497.40682	0.18087	0.1835	0.04224	0.04095	0.02085	0.02073	3.32E-04	1.02E-06	1.05E-06	3.85E-07	3.72E-07	6.82E-08	6.77E-08	3.3545E-04
608268.63	4200847.55	9488.35892	0.17874	0.18137	0.0429	0.0416	0.0209	0.02078	3.32E-04	1.01E-06	1.03E-06	3.91E-07	3.78E-07	6.83E-08	6.78E-08	3.3512E-04
608268.63	4200855.15	9478.84143	0.17662	0.17924	0.04357	0.04226	0.02095	0.02082	3.32E-04	9.93E-07	1.02E-06	3.97E-07	3.84E-07	6.85E-08	6.80E-08	3.3478E-04
608268.63	4200862.75	9468.82005	0.17452	0.17713	0.04424	0.04292	0.02099	0.02086	3.31E-04	9.82E-07	1.01E-06	4.04E-07	3.90E-07	6.86E-08	6.81E-08	3.3442E-04
608268.63	4200870.35	9458.33222	0.17244	0.17504	0.04491	0.04358	0.02103	0.02091	3.31E-04	9.70E-07	9.97E-07	4.10E-07	3.96E-07	6.88E-08	6.83E-08	3.3404E-04
608275.5	4200733.55	9499.8282	0.20786	0.21043	0.03315	0.03206	0.01997	0.01989	3.33E-04	1.17E-06	1.20E-06	3.02E-07	2.91E-07	6.53E-08	6.49E-08	3.3567E-04
608275.5	4200741.15	9499.74887	0.20572	0.2083	0.03375	0.03266	0.02003	0.01995	3.33E-04	1.16E-06	1.19E-06	3.08E-07	2.97E-07	6.55E-08	6.51E-08	3.3566E-04
608275.5	4200748.75	9499.34432	0.20359	0.20617	0.03437	0.03325	0.0201	0.02002	3.33E-04	1.15E-06	1.17E-06	3.14E-07	3.02E-07	6.57E-08	6.53E-08	3.3563E-04
608275.5	4200756.35	9498.14991	0.20144	0.20403	0.03499	0.03386	0.02016	0.02008	3.33E-04	1.13E-06	1.16E-06	3.19E-07	3.08E-07	6.59E-08	6.55E-08	3.3558E-04
608275.5	4200763.95	9496.01753	0.1993	0.20189	0.03561	0.03447	0.02023	0.02014	3.32E-04	1.12E-06	1.15E-06	3.25E-07	3.13E-07	6.62E-08	6.57E-08	3.3549E-04
608275.5	4200771.55	9493.31636	0.19715	0.19975	0.03624	0.03508	0.02029	0.02019	3.32E-04	1.11E-06	1.14E-06	3.31E-07	3.19E-07	6.64E-08	6.59E-08	3.3538E-04
608275.5	4200779.15	9489.79778	0.19501	0.19761	0.03687	0.0357	0.02035	0.02025	3.32E-04	1.10E-06	1.13E-06	3.36E-07	3.24E-07	6.66E-08	6.61E-08	3.3524E-04
608275.5	4200786.75	9485.50151	0.19287	0.19547	0.03751	0.03632	0.0204	0.02031	3.32E-04	1.08E-06	1.11E-06	3.42E-07	3.30E-07	6.67E-08	6.63E-08	3.3508E-04
608275.5	4200794.35	9480.42712	0.19073	0.19333	0.03814	0.03695	0.02046	0.02036	3.32E-04	1.07E-06	1.10E-06	3.48E-07	3.36E-07	6.69E-08	6.65E-08	3.3489E-04
608275.5	4200801.95	9474.70312	0.1886	0.1912	0.03879	0.03758	0.02052	0.02041	3.32E-04	1.06E-06	1.09E-06	3.54E-07	3.41E-07	6.71E-08	6.66E-08	3.3468E-04
608275.5	4200809.55	9468.34571	0.18647	0.18907	0.03943	0.03821	0.02057	0.02046	3.31E-04	1.05E-06	1.08E-06	3.60E-07	3.47E-07	6.73E-08	6.68E-08	3.3444E-04
608275.5	4200817.15	9461.5538	0.18435	0.18695	0.04008	0.03885	0.02062	0.02051	3.31E-04	1.04E-06	1.07E-06	3.66E-07	3.53E-07	6.74E-08	6.69E-08	3.3420E-04
608275.5	4200824.75	9454.46179	0.18225	0.18484	0.04073	0.03949	0.02067	0.02056	3.31E-04	1.02E-06	1.05E-06	3.72E-07	3.59E-07	6.76E-08	6.71E-08	3.3394E-04
608275.5	4200832.35	9446.59858	0.18016	0.18274	0.04139	0.04013	0.02072	0.02061	3.31E-04	1.01E-06	1.04E-06	3.78E-07	3.65E-07	6.78E-08	6.73E-08	3.3365E-04
608275.5	4200839.95	9438.10845	0.17807	0.18065	0.04204	0.04078	0.02077	0.02066	3.30E-04	1.00E-06	1.03E-06	3.83E-07	3.70E-07	6.79E-08	6.74E-08	3.3334E-04
608275.5	4200847.55	9429.00972	0.176	0.17857	0.0427	0.04142	0.02082	0.0207	3.30E-04	9.90E-07	1.02E-06	3.89E-07	3.76E-07	6.81E-08	6.76E-08	3.3301E-04
608275.5	4200855.15	9419.45429	0.17394	0.1765	0.04336	0.04207	0.02086	0.02074	3.30E-04	9.78E-07	1.01E-06	3.96E-07	3.82E-07	6.82E-08	6.77E-08	3.3266E-04
608275.5	4200862.75	9409.40313	0.17189	0.17444	0.04402	0.04272	0.02091	0.02078	3.29E-04	9.67E-07	9.94E-07	4.02E-07	3.88E-07	6.84E-08	6.78E-08	3.3230E-04
608275.5	4200870.35	9398.90387	0.16986	0.1724	0.04468	0.04338	0.02095	0.02082	3.29E-04	9.55E-07	9.82E-07	4.08E-07	3.94E-07	6.85E-08	6.80E-08	3.3192E-04
608282.37	4200733.55	9443.10275	0.2043	0.20681	0.03307	0.032	0.0199	0.01982	3.31E-04	1.15E-06	1.18E-06	3.02E-07	2.91E-07	6.51E-08	6.47E-08	3.3364E-04
608282.37	4200741.15	9442.72408	0.20222	0.20474	0.03367	0.03258	0.01997	0.01988	3.31E-04	1.14E-06	1.17E-06	3.07E-07	2.96E-07	6.53E-08	6.49E-08	3.3362E-04
608282.37	4200748.75	9442.02756	0.20014	0.20267	0.03428	0.03318	0.02003	0.01995	3.31E-04	1.13E-06	1.15E-06	3.13E-07	3.01E-07	6.55E-08	6.51E-08	3.3358E-04
608282.37	4200756.35	9440.63584	0.19806	0.2006	0.03489	0.03377	0.02009	0.02001	3.31E-04	1.11E-06	1.14E-06	3.18E-07	3.07E-07	6.57E-08	6.53E-08	3.3352E-04
608282.37	4200763.95	9438.32018	0.19598	0.19852	0.0355	0.03437	0.02015	0.02006	3.30E-04	1.10E-06	1.13E-06	3.24E-07	3.12E-07	6.59E-08	6.55E-08	3.3343E-04
608282.37	4200771.55	9435.19048	0.19389	0.19644	0.03612	0.03498	0.02021	0.02012	3.30E-04	1.09E-06	1.12E-06	3.29E-07	3.18E-07	6.61E-08	6.57E-08	3.3331E-04
608282.37	4200779.15	9431.60128	0.19181	0.19436	0.03675	0.03559	0.02027	0.02018	3.30E-04	1.08E-06	1.11E-06	3.35E-07	3.23E-07	6.63E-08	6.59E-08	3.3317E-04
608282.37	4200786.75	9427.34066	0.18973	0.19228	0.03738	0.03621	0.02033	0.02023	3.30E-04	1.07E-06	1.10E-06	3.41E-07	3.29E-07	6.65E-08	6.60E-08	3.3301E-04
608282.37	4200794.35	9422.31531	0.18766	0.1902	0.03801	0.03682	0.02039	0.02029	3.30E-04	1.06E-06	1.08E-06	3.47E-07	3.34E-07	6.67E-08	6.62E-08	3.3282E-04
608282.37	4200801.95	9416.4767	0.18558	0.18813	0.03864	0.03745	0.02044	0.02034	3.30E-04	1.04E-06	1.07E-06	3.52E-07	3.40E-07	6.68E-08	6.64E-08	3.3260E-04
608282.37	4200809.55	9409.92988	0.18351	0.18605	0.03928	0.03807	0.02049	0.02039	3.29E-04	1.03E-06	1.06E-06	3.58E-07	3.46E-07	6.70E-08	6.66E-08	3.3236E-04
608282.37	4200817.15	9402.95744	0.18145	0.18399	0.03992	0.0387	0.02055	0.02044	3.29E-04	1.02E-06	1.05E-06	3.64E-07	3.52E-07	6.72E-08	6.67E-08	3.3211E-04
608282.37	4200824.75	9395.44062	0.1794	0.18194	0.04056	0.03933	0.0206	0.02048	3.29E-04	1.01E-06	1.04E-06	3.70E-07	3.57E-07	6.74E-08	6.68E-08	3.3183E-04
608282.37	4200832.35	9387.85863	0.17736	0.1799	0.04121	0.03997	0.02065	0.02053	3.29E-04	9.97E-07	1.02E-06	3.76E-07	3.63E-07	6.75E-08	6.70E-08	3.3156E-04
608282.37	4200839.95	9379.39252	0.17534	0.17786	0.04185	0.0406	0.02069	0.02058	3.28E-04	9.86E-07	1.01E-06	3.82E-07	3.69E-07	6.77E-08	6.72E-08	3.3125E-04
608282.37	4200847.55	9370.24971	0.17332	0.17583	0.0425	0.04124	0.02074	0.02062	3.28E-04	9.75E-07	1.00E-06	3.88E-07	3.75E-07	6.78E-08	6.73E-08	3.3092E-04
608282.37	4200855.15	9360.65723	0.17131	0.17382	0.04315	0.04188	0.02078	0.02066	3.28E-04	9.63E-07	9.90E-07	3.94E-07	3.80E-07	6.80E-08	6.74E-08	3.3057E-04
608282.37	4200862.75	9350.58327	0.16932	0.17181	0.0438	0.04253	0.02083	0.0207	3.27E-04	9.52E-07	9.79E-07	4.00E-07	3.86E-07	6.81E-08	6.76E-08	3.3021E-04
608282.37	4200870.35	9340.07314	0.16734	0.16982	0.04445	0.04317	0.02087	0.02074	3.27E-04	9.41E-07	9.68E-07	4.05E-07	3.92E-07	6.83E-08	6.77E-08	3.2983E-04
608289.24	4200733.55	9387.07089	0.20082	0.20328	0.03299	0.03193	0.01984	0.01976	3.29E-04	1.13E-06	1.16E-06	3.01E-07	2.90E-07	6.49E-08	6.45E-08	3.3164E-04
608289.24	4200741.15	9386.39451	0.1988	0.20127	0.03359	0.03251	0.0199	0.01982	3.29E-04	1.12E-06	1.15E-06	3.06E-07	2.95E-07	6.51E-08	6.47E-08	3.3161E-04
608289.24	4200748.75	9385.23675	0.19678	0.19926	0.03419	0.0331	0.01996	0.01988	3.29E-04	1.11E-06	1.14E-06	3.12E-07	3.01E-07	6.53E-08	6.49E-08	3.3155E-04
608289.24	4200756.35	9383.47253	0.19476	0.19724	0.03479	0.03369	0.02002	0.01994	3.29E-04	1.10E-06	1.12E-06	3.17E-07	3.06E-07	6.55E-08	6.51E-08	3.3148E-04
608289.24	4200763.95	9381.16006	0.19274	0.19523	0.0354	0.03428	0.02008	0.01999	3.28E-04	1.08E-06	1.11E-06	3.23E-07	3.11E-07	6.57E-08	6.52E-08	3.3139E-04
608289.24	4200771.55	9377.87356	0.19071	0.1932	0.03601	0.03488	0.02014	0.02005	3.28E-04	1.07E-06	1.10E-06	3.28E-07	3.17E-07	6.59E-08	6.54E-08	3.3126E-04
608289.24	4200779.15	9373.95147	0.18869	0.19118	0.03662	0.03548	0.0202	0.02011	3.28E-04	1.06E-06	1.09E-06	3.34E-07	3.22E-07	6.61E-08	6.56E-08	3.3111E-04
608289.24	4200786.75	9369.46769	0.18666	0.18916	0.03724	0.03609	0.02026	0.02016	3.28E-04	1.05E-06	1.08E-06	3.40E-07	3.28E-07	6.63E-08	6.58E-08	3.3094E-04

608289.24	4200794.35	9364.58316	0.18465	0.18714	0.03787	0.0367	0.02031	0.02021	3.28E-04	1.04E-06	1.07E-06	3.45E-07	3.33E-07	6.64E-08	6.60E-08	3.307E-04
608289.24	4200801.95	9358.64065	0.18263	0.18512	0.03849	0.03732	0.02037	0.02026	3.28E-04	1.03E-06	1.05E-06	3.51E-07	3.39E-07	6.66E-08	6.61E-08	3.305E-04
608289.24	4200809.55	9352.16178	0.18062	0.18311	0.03912	0.03793	0.02042	0.02031	3.27E-04	1.02E-06	1.04E-06	3.57E-07	3.45E-07	6.68E-08	6.63E-08	3.303E-04
608289.24	4200817.15	9344.93118	0.17861	0.1811	0.03975	0.03855	0.02047	0.02036	3.27E-04	1.00E-06	1.03E-06	3.63E-07	3.50E-07	6.69E-08	6.65E-08	3.300E-04
608289.24	4200824.75	9337.25631	0.17661	0.1791	0.04039	0.03918	0.02052	0.02041	3.27E-04	9.93E-07	1.02E-06	3.68E-07	3.56E-07	6.71E-08	6.66E-08	3.297E-04
608289.24	4200832.35	9329.69387	0.17463	0.17711	0.04103	0.03981	0.02057	0.02045	3.27E-04	9.82E-07	1.01E-06	3.74E-07	3.62E-07	6.73E-08	6.67E-08	3.294E-04
608289.24	4200839.95	9321.25436	0.17266	0.17513	0.04166	0.04043	0.02061	0.0205	3.26E-04	9.71E-07	9.98E-07	3.80E-07	3.67E-07	6.74E-08	6.69E-08	3.291E-04
608289.24	4200847.55	9312.15362	0.17069	0.17316	0.0423	0.04106	0.02066	0.02054	3.26E-04	9.60E-07	9.87E-07	3.86E-07	3.73E-07	6.76E-08	6.70E-08	3.288E-04
608289.24	4200855.15	9302.44336	0.16874	0.17119	0.04294	0.0417	0.0207	0.02058	3.26E-04	9.49E-07	9.75E-07	3.92E-07	3.79E-07	6.77E-08	6.72E-08	3.285E-04
608289.24	4200862.75	9292.35001	0.16679	0.16924	0.04359	0.04233	0.02075	0.02062	3.25E-04	9.38E-07	9.64E-07	3.98E-07	3.85E-07	6.79E-08	6.73E-08	3.281E-04
608289.24	4200870.35	9281.82957	0.16487	0.1673	0.04423	0.04296	0.02079	0.02066	3.25E-04	9.27E-07	9.53E-07	4.03E-07	3.90E-07	6.80E-08	6.74E-08	3.277E-04
608296.11	4200733.55	9331.36512	0.19743	0.19983	0.03292	0.03187	0.01977	0.01969	3.27E-04	1.11E-06	1.14E-06	3.00E-07	2.90E-07	6.47E-08	6.43E-08	3.296E-04
608296.11	4200741.15	9330.65876	0.19547	0.19789	0.0335	0.03244	0.01983	0.01975	3.27E-04	1.10E-06	1.13E-06	3.06E-07	2.95E-07	6.49E-08	6.45E-08	3.296E-04
608296.11	4200748.75	9329.13449	0.19351	0.19593	0.03409	0.03302	0.01989	0.01981	3.27E-04	1.09E-06	1.12E-06	3.11E-07	3.00E-07	6.50E-08	6.47E-08	3.295E-04
608296.11	4200756.35	9327.0985	0.19154	0.19397	0.03469	0.0336	0.01995	0.01987	3.27E-04	1.08E-06	1.11E-06	3.16E-07	3.05E-07	6.52E-08	6.49E-08	3.294E-04
608296.11	4200763.95	9324.35747	0.18957	0.19201	0.03529	0.03419	0.02001	0.01992	3.26E-04	1.07E-06	1.09E-06	3.22E-07	3.11E-07	6.54E-08	6.50E-08	3.293E-04
608296.11	4200771.55	9321.0897	0.18761	0.19004	0.0359	0.03478	0.02007	0.01998	3.26E-04	1.06E-06	1.08E-06	3.27E-07	3.16E-07	6.56E-08	6.52E-08	3.292E-04
608296.11	4200779.15	9316.9288	0.18564	0.18807	0.0365	0.03538	0.02013	0.02003	3.26E-04	1.04E-06	1.07E-06	3.33E-07	3.21E-07	6.58E-08	6.54E-08	3.290E-04
608296.11	4200786.75	9312.23253	0.18367	0.18611	0.03712	0.03598	0.02018	0.02009	3.26E-04	1.03E-06	1.06E-06	3.39E-07	3.27E-07	6.60E-08	6.56E-08	3.289E-04
608296.11	4200794.35	9307.1439	0.18171	0.18415	0.03773	0.03658	0.02024	0.02014	3.26E-04	1.02E-06	1.05E-06	3.44E-07	3.32E-07	6.62E-08	6.57E-08	3.287E-04
608296.11	4200801.95	9301.18365	0.17974	0.18218	0.03835	0.03719	0.02029	0.02019	3.26E-04	1.01E-06	1.04E-06	3.50E-07	3.38E-07	6.64E-08	6.59E-08	3.284E-04
608296.11	4200809.55	9294.69519	0.17779	0.18022	0.03897	0.0378	0.02034	0.02024	3.25E-04	1.00E-06	1.03E-06	3.55E-07	3.43E-07	6.65E-08	6.61E-08	3.282E-04
608296.11	4200817.15	9287.54872	0.17584	0.17827	0.03959	0.03841	0.02039	0.02028	3.25E-04	9.89E-07	1.02E-06	3.61E-07	3.49E-07	6.67E-08	6.62E-08	3.280E-04
608296.11	4200824.75	9279.8082	0.17389	0.17632	0.04022	0.03902	0.02044	0.02033	3.25E-04	9.78E-07	1.00E-06	3.67E-07	3.54E-07	6.68E-08	6.64E-08	3.277E-04
608296.11	4200832.35	9272.01242	0.17196	0.17439	0.04085	0.03964	0.02049	0.02038	3.25E-04	9.67E-07	9.94E-07	3.73E-07	3.60E-07	6.70E-08	6.65E-08	3.274E-04
608296.11	4200839.95	9263.60093	0.17004	0.17246	0.04148	0.04026	0.02054	0.02042	3.24E-04	9.56E-07	9.83E-07	3.78E-07	3.66E-07	6.72E-08	6.67E-08	3.271E-04
608296.11	4200847.55	9254.54912	0.16813	0.17054	0.04211	0.04089	0.02058	0.02046	3.24E-04	9.46E-07	9.72E-07	3.84E-07	3.71E-07	6.73E-08	6.68E-08	3.268E-04
608296.11	4200855.15	9244.88861	0.16622	0.16862	0.04274	0.04151	0.02062	0.0205	3.24E-04	9.35E-07	9.61E-07	3.90E-07	3.77E-07	6.74E-08	6.69E-08	3.264SE-04
608296.11	4200862.75	9234.77797	0.16433	0.16672	0.04337	0.04213	0.02067	0.02054	3.23E-04	9.24E-07	9.50E-07	3.96E-07	3.83E-07	6.76E-08	6.70E-08	3.260SE-04
608296.11	4200870.35	9224.24828	0.16245	0.16483	0.04401	0.04276	0.02071	0.02058	3.23E-04	9.14E-07	9.39E-07	4.01E-07	3.88E-07	6.77E-08	6.72E-08	3.257SE-04
608302.98	4200733.55	9275.89636	0.19411	0.19647	0.03284	0.0318	0.0197	0.01962	3.25E-04	1.09E-06	1.12E-06	3.00E-07	2.89E-07	6.44E-08	6.40E-08	3.276SE-04
608302.98	4200741.15	9275.2537	0.19221	0.19458	0.03342	0.03237	0.01977	0.01968	3.25E-04	1.08E-06	1.11E-06	3.05E-07	2.94E-07	6.47E-08	6.42E-08	3.276SE-04
608302.98	4200748.75	9273.80375	0.19031	0.19268	0.034	0.03294	0.01983	0.01974	3.25E-04	1.07E-06	1.10E-06	3.10E-07	2.99E-07	6.49E-08	6.44E-08	3.275SE-04
608302.98	4200756.35	9271.41182	0.1884	0.19078	0.03459	0.03351	0.01989	0.0198	3.25E-04	1.06E-06	1.09E-06	3.16E-07	3.04E-07	6.50E-08	6.46E-08	3.274SE-04
608302.98	4200763.95	9268.25382	0.18648	0.18886	0.03518	0.03409	0.01994	0.01985	3.24E-04	1.05E-06	1.08E-06	3.21E-07	3.10E-07	6.52E-08	6.48E-08	3.273SE-04
608302.98	4200771.55	9264.83184	0.18457	0.18696	0.03578	0.03468	0.02	0.01991	3.24E-04	1.04E-06	1.07E-06	3.26E-07	3.15E-07	6.54E-08	6.50E-08	3.272SE-04
608302.98	4200779.15	9260.6114	0.18266	0.18504	0.03638	0.03527	0.02006	0.01996	3.24E-04	1.03E-06	1.05E-06	3.32E-07	3.20E-07	6.56E-08	6.52E-08	3.270SE-04
608302.98	4200786.75	9255.7116	0.18074	0.18313	0.03699	0.03586	0.02011	0.02001	3.24E-04	1.02E-06	1.04E-06	3.37E-07	3.26E-07	6.58E-08	6.53E-08	3.268SE-04
608302.98	4200794.35	9250.25108	0.17883	0.18122	0.03759	0.03646	0.02017	0.02006	3.24E-04	1.01E-06	1.03E-06	3.43E-07	3.31E-07	6.60E-08	6.55E-08	3.266SE-04
608302.98	4200801.95	9244.10465	0.17692	0.17931	0.0382	0.03706	0.02022	0.02011	3.24E-04	9.95E-07	1.02E-06	3.48E-07	3.37E-07	6.61E-08	6.56E-08	3.264SE-04
608302.98	4200809.55	9237.69409	0.17502	0.1774	0.03882	0.03766	0.02027	0.02016	3.23E-04	9.84E-07	1.01E-06	3.54E-07	3.42E-07	6.63E-08	6.58E-08	3.262SE-04
608302.98	4200817.15	9230.63656	0.17312	0.1755	0.03943	0.03826	0.02032	0.02021	3.23E-04	9.74E-07	1.00E-06	3.60E-07	3.48E-07	6.65E-08	6.60E-08	3.259SE-04
608302.98	4200824.75	9223.00277	0.17123	0.17361	0.04005	0.03887	0.02037	0.02025	3.23E-04	9.63E-07	9.89E-07	3.65E-07	3.53E-07	6.66E-08	6.61E-08	3.256SE-04
608302.98	4200832.35	9214.80991	0.16935	0.17172	0.04067	0.03948	0.02041	0.0203	3.23E-04	9.52E-07	9.78E-07	3.71E-07	3.59E-07	6.67E-08	6.63E-08	3.254SE-04
608302.98	4200839.95	9206.94126	0.16747	0.16984	0.04129	0.04009	0.02046	0.02034	3.22E-04	9.42E-07	9.68E-07	3.77E-07	3.64E-07	6.69E-08	6.64E-08	3.250SE-04
608302.98	4200847.55	9197.34042	0.16561	0.16797	0.04191	0.04071	0.0205	0.02038	3.22E-04	9.31E-07	9.57E-07	3.82E-07	3.70E-07	6.70E-08	6.65E-08	3.247SE-04
608302.98	4200855.15	9187.81716	0.16376	0.16611	0.04254	0.04132	0.02054	0.02042	3.22E-04	9.21E-07	9.46E-07	3.88E-07	3.75E-07	6.72E-08	6.67E-08	3.244SE-04
608302.98	4200862.75	9177.69157	0.16191	0.16425	0.04316	0.04194	0.02059	0.02046	3.21E-04	9.11E-07	9.36E-07	3.94E-07	3.81E-07	6.73E-08	6.68E-08	3.240SE-04
608302.98	4200870.35	9167.15547	0.16008	0.16241	0.04378	0.04256	0.02063	0.0205	3.21E-04	9.00E-07	9.25E-07	3.99E-07	3.87E-07	6.75E-08	6.69E-08	3.236SE-04

Ranch EIR Residential Project Construction Parameters

Phase 2

Construction Annual Total PM2.5 (Total PM2.5) **Unmitigated Concentrations**

Annual Average Onsite DPM Rate (grams/m2/sec):	4.98E-08
Annual Average Offsite DPM Emission Rate - Road 1 (grams/sec):	2.08E-04
Annual Average Offsite DPM Emission Rate - Road 2 (grams/sec):	2.10E-04
Annual Average Offsite DPM Emission Rate - Road 3 (grams/sec):	3.37E-04
Annual Average Offsite DPM Emission Rate - Road4 (grams/sec):	3.35E-04
Annual Average Offsite DPM Emission Rate - Road5 (grams/sec):	1.21E-04
Annual Average Offsite DPM Emission Rate - Road5 (grams/sec):	1.21E-04

X	Y	Onsite Phase 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 1 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 4 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 5 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 6 Unit Emissions VALUES AVERAGED AVERAGE CONC	Onsite Phase 2 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 1 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 2 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 3 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 4 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 5 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 6 Annual PM2.5 Total w/Actual Emissions (ug/m3)	**Total DPM (ug/m3)**
605009.76	4201463.46	3458.38146	0.00295	0.00295	0.01178	0.01195	0.10995	0.11322	1.72E-04	6.13E-07	6.21E-07	3.97E-06	4.01E-06	1.33E-05	1.36E-05	2.0831E-04
605020.97	4201489.77	3371.65486	0.00295	0.00296	0.01192	0.0121	0.11465	0.11811	1.68E-04	6.13E-07	6.23E-07	4.01E-06	4.06E-06	1.38E-05	1.42E-05	2.0525E-04
605025.63	4201440.58	3759.94671	0.00301	0.00301	0.01197	0.01215	0.11463	0.11811	1.87E-04	6.25E-07	6.33E-07	4.03E-06	4.08E-06	1.38E-05	1.42E-05	2.2463E-04
605045.35	4201493.83	3316.08548	0.00292	0.00293	0.01195	0.01213	0.11763	0.12129	1.65E-04	6.06E-07	6.16E-07	4.02E-06	4.07E-06	1.42E-05	1.46E-05	2.0323E-04
605052.57	4201438.73	3882.56335	0.00303	0.00303	0.01215	0.01233	0.12091	0.12468	1.93E-04	6.29E-07	6.37E-07	4.09E-06	4.14E-06	1.46E-05	1.50E-05	2.3242E-04
605067.01	4201501.96	3270.97409	0.0029	0.00291	0.01203	0.01221	0.12155	0.12541	1.63E-04	6.02E-07	6.12E-07	4.05E-06	4.10E-06	1.47E-05	1.51E-05	2.0200E-04
605077.3	4201449.8	3821.7766	0.00301	0.00302	0.01225	0.01243	0.12606	0.1301	1.90E-04	6.25E-07	6.35E-07	4.13E-06	4.17E-06	1.52E-05	1.57E-05	2.3073E-04
605088.68	4201514.14	3219.88699	0.00289	0.0029	0.01214	0.01232	0.12652	0.13065	1.60E-04	6.00E-07	6.10E-07	4.09E-06	4.13E-06	1.53E-05	1.57E-05	2.0076E-04
605094.28	4201462.35	3677.74019	0.00297	0.00298	0.01226	0.01244	0.12804	0.1322	1.83E-04	6.17E-07	6.27E-07	4.13E-06	4.17E-06	1.55E-05	1.59E-05	2.2404E-04
605106.29	4201530.4	3155.01508	0.00287	0.00289	0.01225	0.01243	0.13151	0.13591	1.57E-04	5.96E-07	6.08E-07	4.13E-06	4.17E-06	1.59E-05	1.64E-05	1.9883E-04
605113.1	4201473.42	3597.26745	0.00295	0.00295	0.01233	0.01251	0.13192	0.13628	1.79E-04	6.13E-07	6.21E-07	4.15E-06	4.20E-06	1.59E-05	1.64E-05	2.2103E-04
605134.6	4201499.62	3344.94251	0.00288	0.00289	0.01235	0.01253	0.135	0.13952	1.67E-04	5.98E-07	6.08E-07	4.16E-06	4.20E-06	1.63E-05	1.68E-05	2.0921E-04
605151.19	4201482.44	3662.1826	0.00296	0.00297	0.01262	0.0128	0.14433	0.1493	1.82E-04	6.15E-07	6.25E-07	4.25E-06	4.29E-06	1.74E-05	1.80E-05	2.2753E-04
605168.07	4201530.53	3196.01788	0.00285	0.00287	0.01256	0.01275	0.14633	0.15149	1.59E-04	5.92E-07	6.04E-07	4.23E-06	4.28E-06	1.77E-05	1.83E-05	2.0474E-04
605172.03	4201466.28	4172.66545	0.0031	0.00311	0.01308	0.01327	0.16061	0.16635	2.08E-04	6.44E-07	6.54E-07	4.41E-06	4.45E-06	1.94E-05	2.00E-05	2.5733E-04
605181.62	4201558.83	3029.11286	0.00281	0.00283	0.01262	0.01281	0.15097	0.15646	1.51E-04	5.84E-07	5.95E-07	4.25E-06	4.30E-06	1.82E-05	1.89E-05	1.9762E-04
605188.98	4201454.15	4635.9478	0.00321	0.00323	0.01347	0.01367	0.17321	0.17944	2.31E-04	6.67E-07	6.79E-07	4.54E-06	4.59E-06	2.09E-05	2.16E-05	2.8381E-04
605191.33	4201515.02	3455.30506	0.00291	0.00293	0.01284	0.01303	0.15756	0.16325	1.72E-04	6.04E-07	6.16E-07	4.32E-06	4.37E-06	1.90E-05	1.97E-05	2.2064E-04
605193.13	4201585.31	2978.24469	0.0028	0.00283	0.01279	0.01299	0.15889	0.16489	1.48E-04	5.81E-07	5.95E-07	4.31E-06	4.36E-06	1.92E-05	1.99E-05	1.9717E-04
605201.19	4201601.43	2843.36509	0.00275	0.00278	0.01274	0.01294	0.15808	0.16407	1.42E-04	5.71E-07	5.85E-07	4.29E-06	4.34E-06	1.91E-05	1.98E-05	1.9021E-04
605202.19	4201404.28	6876.14421	0.00367	0.00368	0.01494	0.01516	0.19319	0.20005	3.42E-04	7.62E-07	7.74E-07	5.03E-06	5.08E-06	2.33E-05	2.41E-05	4.0142E-04
605207.14	4201438.92	5542.96203	0.00343	0.00344	0.01424	0.01445	0.19283	0.2	2.76E-04	7.12E-07	7.24E-07	4.80E-06	4.85E-06	2.33E-05	2.41E-05	3.3443E-04
605207.2	4201501	3786.50182	0.00301	0.00303	0.01315	0.01335	0.17022	0.17656	1.89E-04	6.25E-07	6.37E-07	4.43E-06	4.48E-06	2.06E-05	2.13E-05	2.4051E-04
605208.1	4201623.31	2615.44298	0.00265	0.00268	0.01256	0.01276	0.15217	0.15788	1.30E-04	5.50E-07	5.64E-07	4.23E-06	4.28E-06	1.84E-05	1.90E-05	1.7724E-04
605226.39	4201488.08	4178.153	0.00311	0.00313	0.01351	0.01371	0.1852	0.19234	2.08E-04	6.46E-07	6.58E-07	4.55E-06	4.60E-06	2.24E-05	2.32E-05	2.6401E-04
605226.91	4201528.1	3495.68174	0.00293	0.00295	0.01316	0.01336	0.1744	0.18103	1.74E-04	6.08E-07	6.21E-07	4.43E-06	4.48E-06	2.11E-05	2.18E-05	2.2705E-04
605227.67	4201640.58	2579.56831	0.00263	0.00266	0.01267	0.01288	0.15881	0.16497	1.28E-04	5.46E-07	5.60E-07	4.27E-06	4.32E-06	1.92E-05	1.99E-05	1.7718E-04
605241.22	4201548.03	3409.59911	0.00291	0.00294	0.01329	0.0135	0.18354	0.19078	1.70E-04	6.04E-07	6.18E-07	4.48E-06	4.53E-06	2.22E-05	2.30E-05	2.2513E-04
605249.55	4201659	2592.13724	0.00262	0.00265	0.01285	0.01306	0.1688	0.17567	1.29E-04	5.44E-07	5.57E-07	4.33E-06	4.38E-06	2.04E-05	2.12E-05	1.8041E-04
605251.44	4201595.54	3193.90844	0.00286	0.00289	0.01342	0.01363	0.19255	0.20054	1.59E-04	5.94E-07	6.08E-07	4.52E-06	4.57E-06	2.33E-05	2.42E-05	2.1672E-04
605251.89	4201403.82	7193.01797	0.00366	0.00367	0.01505	0.01526	0.21408	0.22267	3.58E-04	7.60E-07	7.72E-07	5.07E-06	5.12E-06	2.59E-05	2.68E-05	4.2251E-04
605255.31	4201424.35	6465.21807	0.00356	0.00357	0.01486	0.01507	0.21806	0.2268	3.22E-04	7.39E-07	7.51E-07	5.00E-06	5.05E-06	2.63E-05	2.73E-05	3.8709E-04
605262.68	4201624.15	2979.52462	0.00278	0.0028	0.01333	0.01355	0.19128	0.19935	1.48E-04	5.77E-07	5.89E-07	4.49E-06	4.54E-06	2.31E-05	2.40E-05	2.0566E-04
605269.83	4201576.12	3561.40542	0.00298	0.00301	0.01384	0.01407	0.21409	0.22334	1.77E-04	6.19E-07	6.33E-07	4.66E-06	4.72E-06	2.59E-05	2.69E-05	2.4071E-04
605271.43	4201670.51	2640.203	0.00263	0.00265	0.01303	0.01326	0.18013	0.18782	1.31E-04	5.46E-07	5.57E-07	4.39E-06	4.45E-06	2.18E-05	2.26E-05	1.8577E-04
605272.78	4201468.12	4872.37012	0.00324	0.00326	0.01411	0.01431	0.21302	0.22192	2.43E-04	6.73E-07	6.86E-07	4.75E-06	4.80E-06	2.57E-05	2.67E-05	3.0595E-04
605279.99	4201489.75	4362.46051	0.00312	0.00314	0.01391	0.01411	0.20905	0.21772	2.17E-04	6.48E-07	6.61E-07	4.68E-06	4.73E-06	2.52E-05	2.62E-05	2.7940E-04
605283.25	4201414.66	7306.12752	0.00368	0.00369	0.01537	0.01559	0.23544	0.2453	3.64E-04	7.64E-07	7.76E-07	5.18E-06	5.23E-06	2.84E-05	2.96E-05	4.3368E-04
605285.4	4201543.23	3725.3418	0.00299	0.00302	0.01383	0.01404	0.2135	0.22255	1.85E-04	6.21E-07	6.35E-07	4.66E-06	4.71E-06	2.58E-05	2.68E-05	2.4869E-04
605286.18	4201633.34	3034.93675	0.00278	0.00281	0.01354	0.01377	0.20554	0.21458	1.51E-04	5.77E-07	5.91E-07	4.56E-06	4.62E-06	2.48E-05	2.59E-05	2.1212E-04
605286.6	4201513.79	3976.994	0.00303	0.00306	0.01381	0.01402	0.20836	0.21699	1.98E-04	6.29E-07	6.44E-07	4.65E-06	4.70E-06	2.52E-05	2.62E-05	2.5993E-04
605288.7	4201676.27	2683.57742	0.00263	0.00265	0.01318	0.0134	0.18949	0.19785	1.34E-04	5.46E-07	5.57E-07	4.44E-06	4.49E-06	2.29E-05	2.38E-05	1.9037E-04
605303.55	4201645.09	2979.3438	0.00274	0.00277	0.01358	0.01381	0.21134	0.22086	1.48E-04	5.69E-07	5.83E-07	4.57E-06	4.63E-06	2.55E-05	2.66E-05	2.1082E-04
605305.23	4201576.28	3944.12869	0.00308	0.00311	0.01448	0.01471	0.25115	0.26271	1.96E-04	6.40E-07	6.54E-07	4.88E-06	4.93E-06	3.03E-05	3.17E-05	2.6945E-04
605306.62	4201416.94	7884.83293	0.00379	0.0038	0.01592	0.01616	0.25477	0.26588	3.93E-04	7.87E-07	7.99E-07	5.36E-06	5.42E-06	3.08E-05	3.20E-05	4.6773E-04
605315.44	4201466.31	5500.42527	0.00337	0.00339	0.01478	0.01499	0.25049	0.26186	2.74E-04	7.00E-07	7.13E-07	4.98E-06	5.03E-06	3.02E-05	3.16E-05	3.4707E-04
605322.05	4201586.49	4083.64031	0.00311	0.00314	0.01479	0.01504	0.2715	0.28441	2.03E-04	6.46E-07	6.61E-07	4.98E-06	5.04E-06	3.28E-05	3.43E-05	2.8170E-04
605331.61	4201420.86	8430.26556	0.00388	0.0039	0.01649	0.01673	0.27743	0.29023	4.20E-04	8.06E-07	8.20E-07	5.55E-06	5.61E-06	3.35E-05	3.50E-05	5.0097E-04
605335.73	4201683.92	2915.3404	0.00267	0.00269	0.01368	0.01391	0.22453	0.23543	1.45E-04	5.54E-07	5.66E-07	4.61E-06	4.67E-06	2.71E-05	2.84E-05	2.1102E-04
605338.73	4201527.72	4087.19073	0.00305	0.00307	0.0143	0.01451	0.24316	0.25419	2.03E-04	6.33E-07	6.46E-07	4.82E-06	4.87E-06	2.94E-05	3.06E-05	2.7444E-04
605341.29	4201471.54	5755.37441	0.00343	0.00345	0.01516	0.01539	0.27732	0.29067	2.87E-04	7.12E-07	7.26E-07	5.11E-06	5.16E-06	3.35E-05	3.50E-05	3.6676E-04
605343.08	4201606.92	4091.34957	0.00309	0.00312	0.01499	0.01525	0.29152	0.30595	2.04E-04	6.42E-07	6.56E-07	5.05E-06	5.12E-06	3.52E-05	3.69E-05	2.8723E-04
605346.39	4201549.18	4038.451	0.00305	0.00308	0.01449	0.01472	0.26143	0.27384	2.01E-04	6.33E-07	6.48E-07	4.88E-06	4.94E-06	3.16E-05	3.30E-05	2.7673E-04
605347.42	4201504.74	4592.87982	0.00316	0.00319	0.01457	0.01478	0.25826	0.27051	2.29E-04	6.56E-07	6.71E-07	4.91E-06	4.96E-06	3.12E-05	3.26E-05	3.0364E-04
605353.26	4201422.76	8922.76672	0.00395	0.00397	0.01692	0.01717	0.29815	0.31288	4.44E-04	8.20E-07	8.35E-07	5.70E-06	5.76E-06	3.60E-05	3.77E-05	5.3105E-04
605355.14	4201690.56	3035.18524	0.00269	0.00271	0.01389	0.01414	0.24198	0.25428	1.51E-04	5.59E-07	5.70E-07	4.68E-06	4.74E-06	2.92E-05	3.06E-05	2.2152E-04
605358.21	4201654.29	3463.76424	0.00285	0.00287	0.0144	0.01465	0.27037	0.2843	1.72E-04	5.92E-07	6.04E-07	4.85E-06	4.91E-06	3.26E-05	3.43E-05	2.5032E-04
605363.25	4201470.52	6291.66338	0.00353	0.00356	0.01568	0.01592	0.30717	0.32267	3.13E-04	7.33E-07	7.49E-07	5.28E-06	5.34E-06	3.71E-05	3.89E-05	4.0131E-04
605367.72	4201603.92	4512.95098	0.00319	0.00322	0.01557	0.01584	0.33023	0.34751	2.25E-04	6.62E-07	6.77E-07	5.24E-06	5.31E-06	3.99E-05	4.19E-05	3.1833E-04
605371.93	4201559.39	4284.71885	0.00311	0.00314	0.01495	0.01518	0.29864	0.31403	2.13E-04	6.46E-07	6.61E-07	5.03E-06	5.09E-06	3.61E-05	3.78E-05	2.9866E-04
605375.91	4201424.82	9345.13793	0.004	0.00402	0.01725	0.0175	0.32226	0.33904	4.65E-04	8.31E-07	8.46E-07	5.81E-06	5.87E-06	3.89E-05	4.09E-05	5.5838E-04
605379.67	4201688.01	3291.79316	0.00275	0.00277	0.01428	0.01453	0.27281	0.28749	1.64E-04	5.71E-07	5.83E-07	4.81E-06	4.87E-06	3.29E-05	3.46E-05	2.4231E-04
605382.73	4201653.78	3754.00637	0.00291	0.00293	0.0148	0.01506	0.30463	0.32129	1.87E-04	6.04E-07	6.16E-07	4.98E-06	5.05E-06	3.68E-05	3.87E-05	2.7366E-04
605391.16	4201606.92	4939.75996	0.00328	0.00332	0.01617	0.01645	0.37145	0.39227	2.46E-04	6.81E-07	6.98E-07	5.45E-06	5.52E-06	4.49E-05	4.73E-05	3.5040E-04
605392.87	4201547.64	4334.64555	0.00309	0.00312	0.01496	0.01518	0.30317	0.31899	2.16E-04	6.42E-07	6.56E-07	5.04E-06	5.09E-06	3.66E-05	3.84E-05	3.0228E-04
605397.74	4201432.23	9284.02757	0.00397	0.00399	0.01731	0.01757	0.34987	0.36919	4.62E-04	8.24E-07	8.39E-07	5.83E-06	5.89E-06	4.22E-05	4.45E-05	5.6234E-04
605400.1	4201689.03	3497.12282	0.00278	0.0028	0.01457	0.01482	0.29963	0.31661	1.74E-04	5.77E-07	5.89E-07	4.91E-06	4.97E-06	3.62E-05	3.82E-05	2.5949E-04
605401.04	4201524.15	4604.59377	0.00313	0.00316	0.015	0.01521	0.30202	0.31793	2.29E-04	6.50E-07	6.65E-07	5.05E-06	5.10E-06	3.65E-05	3.83E-05	3.1550E-04
605402.58	4201503.72	5096.90604	0.00324	0.00327	0.0152	0.01542	0.31565	0.33301	2.54E-04	6.73E-07	6.88E-07	5.12E-06	5.17E-06	3.81E-05	4.01E-05	3.4365E-04
605407.25	4201655.82	3996.5883	0.00294	0.00297	0.01513	0.0154	0.33857	0.35813	1.99E-04	6.11E-07	6.25E-07	5.10E-06	5.17E-06	4.09E-05	4.32E-05	2.9451E-04
605407.68	4201483.8	6039.27512	0.00344	0.00347	0.01574	0.01596	0.34715	0.36718	3.01E-04	7.14E-07	7.30E-07	5.30E-06	5.35E-06	4.19E-05	4.43E-05	3.9894E-04
605416.39	4201604.52	5280.01161	0.00333	0.00336	0.01653	0.01682	0.41318	0.43749	2.63E-04	6.92E-07	7.07E-07	5.57E-06	5.64E-06	4.99E-05	5.27E-05	3.7809E-04
605416.69	4201438.82	9168.61632	0.00394	0.00396	0.01732	0.01758	0.37663	0.39816	4.56E-04	8.18E-07	8.33E-07	5.83E-06	5.90E-06	4.55E-05	4.80E-05	5.6331E-04
605423.6	4201689.54	3721.67212	0.00281	0.00283	0.01487	0.01514	0.33225	0.3522	1.85E-04	5.84E-07	5.95E-07	5.01E-06	5.08E-06	4.01E-05	4.24E-05	2.7912E-04
605425.13	4201659.91	4152.06521	0.00295	0.00298	0.01533	0.0156	0.36407	0.38614	2.07E-04	6.13E-07	6.27E-07	5.16E-06	5.23E-06	4.40E-05	4.65E-05	3.0885E-04
605438.52	4201442.12	9331.85165	0.00393	0.00395	0.01743	0.0177	0.40979	0.43478	4.65E-04	8.16E-07	8.31E-07	5.87E-06	5.94E-06	4.95E-05	5.24E-05	5.7993E-04
605439.23	4201611.73	5552.44101	0.00334	0.00337	0.01681	0.01711	0.45757	0.48614	2.76E-04	6.94E-07	7.09E-07	5.66E-06	5.74E-06	5.53E-05	5.86E-05	4.0307E-04
605440.46	4201696.18	3849.1168	0.00282	0.00284	0.01504	0.01531	0.35557	0.37798	1.92E-04	5.86E-07	5.97E-07	5.07E-06	5.14E-06	4.29E-05	4.56E-05	2.9150E-04
605441.9	4201555.3	5173.581	0.00326	0.00329	0.01597	0.01622	0.40949	0.43524	2.58E-04	6.77E-07	6.92E-07	5.38E-06	5.44E-06	4.94E-05	5.25E-05	3.7166E-04
605441.9	4201530.28	5110.58029	0.00323	0.00326	0.01565	0.01588	0.37673	0.3999	2.54E-04	6.71E-07	6.86E-07	5.27E-06	5.33E-06	4.55E-05	4.82E-05	3.6007E-04
605448.12	4201661.95	4501.48095	0.003	0.00303	0.01571	0.016	0.41161	0.43855	2.24E-04	6.23E-07	6.37E-07	5.29E-06	5.37E-06	4.97E-05	5.29E-05	3.3858E-04
605450.08	4201487.89	6404.93911	0.00347	0.0035	0.01616	0.0164	0.41026	0.43677	3.19E-04	7.21E-07	7.36E-07	5.44E-06	5.50E-06	4.95E-05	5.26E-05	4.3345E-04
605450.59	4201506.27	5756.0061	0.00335	0.00338	0.01592	0.01615	0.39992	0.42555	2.87E-04	6.96E-07	7.11E-07	5.36E-06	5.42E-06	4.83E-05	5.13E-05	3.9833E-04
605456.65	4201611.13	5873.19747	0.00338	0.00341	0.0171	0.0174	0.49801	0.53105	2.92E-04	7.02E-07	7.17E-07	5.76E-06	5.84E-06	6.01E-05	6.40E-05	4.2955E-04
605459.12	4201443.35	9660.19765	0.00394	0.00397	0.01761	0.01788	0.4455	0.47423	4.81E-04	8.18E-07	8.35E-07	5.93E-06	6.00E-06	5.38E-05	5.72E-05	6.0547E-04
605462.43	4201701.8	4067.24248	0.00284	0.00286	0.01531	0.01559	0.39407	0.42077	2.02E-04	5.90E-07	6.02E-07	5.16E-06	5.23E-06	4.76E-05	5.07E-05	3.1236E-04
605466.42	4201572.67	5859.5519	0.00337	0.0034	0.01676	0.01703	0.49393	0.52743	2.92E-04	7.00E-07	7.15E-07	5.64E-06	5.71E-06	5.96E-05	6.36E-05	4.2770E-04
605467.03	4201661.95	4912.05987	0.00307	0.00309	0.01613	0.01642	0.46477	0.49718	2.45E-04	6.38E-07	6.50E-07	5.43E-06	5.51E-06	5.61E-05	5.99E-05	3.7282E-04
605483.09	4201613.53	6367.78958	0.00342	0.00345	0.0175	0.01781	0.57034	0.61221	3.17E-04	7.10E-07	7.26E-07	5.89E-06	5.97E-06	6.89E-05	7.38E-05	4.7298E-04
605483.88	4201705.38	4392.80829	0.00289	0.0029	0.01567	0.01596	0.44836	0.48116	2.19E-04	6.00E-07	6.10E-07	5.28E-06	5.35E-06	5.41E-05	5.80E-05	3.4267E-04
605484.66	4201447.47	9986.63866	0.00395	0.00398	0.01785	0.01812	0.49981	0.53446	4.97E-04	8.20E-07	8.37E-07	6.01E-06	6.08E-06	6.04E-05	6.44E-05	6.3570E-04
605492.57	4201664	5521.39872	0.00316	0.00318	0.0167	0.01701	0.55145	0.59367	2.75E-04	6.56E-07	6.69E-07	5.62E-06	5.71E-06	6.66E-05	7.15E-05	4.2568E-04
605492.98	4201561.94	6064.40842	0.00336	0.0034	0.01681	0.01708	0.54229	0.58375	3.02E-04	6.98E-07	7.15E-07	5.66E-06	5.73E-06	6.55E-05	7.04E-05	4.5056E-04
605498.6	4201538.96	5893.93709	0.00332	0.00335	0.01647	0.01671	0.50926	0.54855	2.93E-04	6.89E-07	7.05E-07	5.55E-06	5.60E-06	6.15E-05	6.61E-05	4.3358E-04
605501.15	4201514.96	6269.11512	0.00338	0.00341	0.01649	0.01673	0.50649	0.54572	3.12E-04	7.02E-07	7.17E-07	5.55E-06	5.61E-06	6.12E-05	6.58E-05	4.5162E-04
605502.92	4201612.33	6772.75847	0.00345	0.00349	0.01778	0.01809	0.6348	0.68507	3.37E-04	7.16E-07	7.34E-07	5.99E-06	6.07E-06	7.67E-05	8.26E-05	5.0991E-04
605503.19	4201494.01	7033.89579	0.00351	0.00355	0.01676	0.01701	0.52643	0.56761	3.50E-04	7.29E-07	7.47E-07	5.64E-06	5.71E-06	6.36E-05	6.84E-05	4.9499E-04
605504.84	4201447.88	10765.31027	0.00402	0.00405	0.01829	0.01858	0.55312	0.59496	5.36E-04	8.35E-07	8.52E-07	6.16E-06	6.23E-06	6.68E-05	7.17E-05	6.8853E-04
605506.45	4201709.81	4873.11889	0.00296	0.00298	0.01616	0.01647	0.53053	0.57377	2.43E-04	6.15E-07	6.27E-07	5.44E-06	5.52E-06	6.41E-05	6.91E-05	3.8803E-04
605507.9	4201666.04	5951.33416	0.00322	0.00324	0.0171	0.01742	0.61754	0.66807	2.96E-04	6.69E-07	6.82E-07	5.76E-06	5.84E-06	7.46E-05	8.05E-05	4.6433E-04
605523.95	4201611.73	7264.28765	0.00349	0.00352	0.0181	0.01842	0.7198	0.78222	3.62E-04	7.25E-07	7.41E-07	6.10E-06	6.18E-06	8.69E-05	9.43E-05	5.5658E-04
605525.44	4201445.41	12174.28196	0.00416	0.00419	0.01899	0.01929	0.61887	0.67059	6.06E-04	8.64E-07	8.81E-07	6.40E-06	6.47E-06	7.47E-05	8.08E-05	7.7626E-04
605529.85	4201708.66	5447.70483	0.00305	0.00307	0.01673	0.01705	0.64117	0.69871	2.71E-04	6.33E-07	6.46E-07	5.63E-06	5.72E-06	7.74E-05	8.42E-05	4.4548E-04
605535.44	4201664.55	6853.62642	0.00336	0.00338	0.01794	0.01827	0.76843	0.83973	3.41E-04	6.98E-07	7.11E-07	6.04E-06	6.13E-06	9.28E-05	1.01E-04	5.4878E-04
605544.56	4201490.44	8308.53205	0.00364	0.00368	0.01752	0.01779	0.68202	0.74586	4.14E-04	7.56E-07	7.74E-07	5.90E-06	5.97E-06	8.24E-05	8.99E-05	5.9929E-04
605546.45	4201443.77	13448.31962	0.00424	0.00428	0.01949	0.0198	0.69753	0.76333	6.70E-04	8.80E-07	9.00E-07	6.56E-06	6.64E-06	8.42E-05	9.20E-05	8.6074E-04
605546.79	4201603.32	7700.65995	0.00351	0.00354	0.01826	0.01857	0.82057	0.8996	3.83E-04	7.29E-07	7.45E-07	6.15E-06	6.23E-06	9.91E-05	1.08E-04	6.0474E-04
605547.12	4201515.47	7188.72024	0.00345	0.00349	0.01711	0.01737	0.66138	0.72561	3.58E-04	7.16E-07	7.34E-07	5.76E-06	5.83E-06	7.99E-05	8.74E-05	5.3824E-04
605553.76	4201533.34	6869.81828	0.00337	0.00341	0.01706	0.01732	0.67397	0.74166	3.42E-04	7.00E-07	7.17E-07	5.75E-06	5.81E-06	8.14E-05	8.94E-05	5.2576E-04
605554.89	4201703.55	6310.89014	0.00319	0.00321	0.01754	0.01788	0.81759	0.90038	3.14E-04	6.62E-07	6.75E-07	5.91E-06	6.00E-06	9.87E-05	1.09E-04	5.3467E-04
605558.77	4201654.65	7847.95853	0.00353	0.00355	0.01887	0.01922	0.94405	1.04388	3.91E-04	7.33E-07	7.47E-07	6.36E-06	6.45E-06	1.14E-04	1.26E-04	6.4480E-04
605564.99	4201556.84	7006.54129	0.00337	0.0034	0.01734	0.01761	0.76815	0.85274	3.49E-04	7.00E-07	7.15E-07	5.84E-06	5.91E-06	9.28E-05	1.03E-04	5.5751E-04
605565.42	4201590.1	7838.35441	0.00349	0.00352	0.01816	0.01846	0.89866	0.99671	3.90E-04	7.25E-07	7.41E-07	6.12E-06	6.19E-06	1.09E-04	1.20E-04	6.3264E-04
605567.46	4201442.94	13978.53765	0.00421	0.00424	0.01945	0.01976	0.78933	0.87304	6.96E-04	8.74E-07	8.92E-07	6.55E-06	6.63E-06	9.53E-05	1.05E-04	9.1140E-04
605573.79	4201690.78	7266.16542	0.00336	0.00338	0.0184	0.01876	1.00771	1.12207	3.62E-04	6.98E-07	7.11E-07	6.20E-06	6.29E-06	1.22E-04	1.35E-04	6.3256E-04
605579.28	4201648.29	8519.37044	0.00361	0.00364	0.01938	0.01974	1.11891	1.25037	4.24E-04	7.50E-07	7.66E-07	6.53E-06	6.62E-06	1.35E-04	1.51E-04	7.2461E-04
605581.34	4201577.78	7812.88516	0.00345	0.00349	0.01801	0.01831	0.96662	1.08678	3.89E-04	7.16E-07	7.34E-07	6.07E-06	6.14E-06	1.17E-04	1.31E-04	6.5032E-04
605585.21	4201494.54	9320.894	0.00368	0.00371	0.01804	0.01832	0.90019	1.00458	4.64E-04	7.64E-07	7.80E-07	6.08E-06	6.14E-06	1.09E-04	1.21E-04	7.0758E-04
605590.11	4201443.35	14683.35874	0.00419	0.00423	0.01952	0.01983	0.91799	1.02813	7.31E-04	8.70E-07	8.90E-07	6.57E-06	6.65E-06	1.11E-04	1.24E-04	9.8076E-04
605590.91	4201684.04	8034.20663	0.00349	0.00351	0.01912	0.01949	1.21218	1.36759	4.00E-04	7.25E-07	7.38E-07	6.44E-06	6.54E-06	1.46E-04	1.65E-04	7.2562E-04
605596.96	4201631.32	9031.16428	0.00363	0.00365	0.01944	0.01979	1.27921	1.44521	4.50E-04	7.54E-07	7.68E-07	6.55E-06	6.64E-06	1.54E-04	1.74E-04	7.9297E-04
605608.24	4201447.88	15148.64238	0.00418	0.00421	0.01966	0.01997	1.06526	1.20922	7.54E-04	8.68E-07	8.86E-07	6.62E-06	6.70E-06	1.29E-04	1.46E-04	1.0436E-03
605612.32	4201491.81	11108.61223	0.00381	0.00385	0.01877	0.01907	1.1653	1.3278	5.53E-04	7.91E-07	8.10E-07	6.32E-06	6.40E-06	1.41E-04	1.60E-04	8.6810E-04
605612.51	4201618.59	9285.90444	0.00361	0.00363	0.01932	0.01967	1.42989	1.64029	4.62E-04	7.50E-07	7.64E-07	6.51E-06	6.60E-06	1.73E-04	1.98E-04	8.4727E-04
605617.05	4201550.42	8558.08145	0.00347	0.00351	0.01814	0.01843	1.21236	1.41825	4.26E-04	7.21E-07	7.38E-07	6.11E-06	6.18E-06	1.46E-04	1.71E-04	7.5714E-04
605617.31	4201676.04	9105.54793	0.00364	0.00366	0.02003	0.02042	1.62307	1.87869	4.53E-04	7.56E-07	7.70E-07	6.75E-06	6.85E-06	1.96E-04	2.26E-04	8.9085E-04
605622.85	4201440.76	17463.47842	0.00428	0.00432	0.02013	0.02045	1.2018	1.38553	8.69E-04	8.89E-07	9.09E-07	6.78E-06	6.86E-06	1.45E-04	1.67E-04	1.1970E-03
605629.67	4201535.39	9520.60383	0.00357	0.0036	0.01846	0.01875	1.41846	1.68116	4.74E-04	7.41E-07	7.57E-07	6.22E-06	6.29E-06	1.71E-04	2.03E-04	8.6188E-04
605633.16	4201493.26	13025.49014	0.00394	0.00398	0.01949	0.01981	1.47909	1.72639	6.48E-04	8.18E-07	8.37E-07	6.56E-06	6.64E-06	1.79E-04	2.08E-04	1.0500E-03
605646.71	4201591.06	9605.20103	0.00355	0.00358	0.01907	0.0194	1.95227	2.40481	4.78E-04	7.37E-07	7.53E-07	6.42E-06	6.51E-06	2.36E-04	2.90E-04	1.0182E-03
605651.9	4201523.98	11421.94112	0.00372	0.00376	0.01912	0.01943	1.93411	2.37027	5.69E-04	7.72E-07	7.91E-07	6.44E-06	6.52E-06	2.34E-04	2.86E-04	1.1024E-03
605652.06	4201496.17	14682.02474	0.00402	0.00406	0.02002	0.02035	1.8879	2.29038	7.31E-04	8.35E-07	8.54E-07	6.74E-06	6.83E-06	2.28E-04	2.76E-04	1.2502E-03
605652.36	4201436.02	22940.17161	0.00448	0.00452	0.02116	0.0215	1.68445	2.0419	1.14E-03	9.30E-07	9.51E-07	7.13E-06	7.21E-06	2.03E-04	2.46E-04	1.6078E-03
605663.57	4201579.82	9933.13187	0.00353	0.00356	0.01906	0.01938	2.43715	3.19403	4.95E-04	7.33E-07	7.49E-07	6.42E-06	6.50E-06	2.94E-04	3.85E-04	1.1882E-03
605664.73	4201615.37	10710.47865	0.00364	0.00366	0.01985	0.0202	2.68445	3.45147	5.33E-04	7.56E-07	7.70E-07	6.69E-06	6.78E-06	3.24E-04	4.16E-04	1.2883E-03
605666.66	4201657.64	11123.63362	0.00378	0.0038	0.02091	0.02131	3.17061	4.01848	5.54E-04	7.85E-07	7.99E-07	7.04E-06	7.15E-06	3.83E-04	4.84E-04	1.4367E-03
605667.86	4201640.21	11052.62906	0.0037	0.00373	0.02042	0.02079	2.99333	3.82715	5.50E-04	7.68E-07	7.85E-07	6.88E-06	6.97E-06	3.61E-04	4.61E-04	1.3884E-03
605676.3	4201482.12	20597.55941	0.00431	0.00435	0.02132	0.02168	2.76897	3.67461	1.03E-03	8.95E-07	9.15E-07	7.18E-06	7.27E-06	3.34E-04	4.43E-04	1.8189E-03
605679.28	4201449.87	28659.49479	0.00461	0.00465	0.02219	0.02255	2.82984	3.89843	1.43E-03	9.57E-07	9.78E-07	7.47E-06	7.56E-06	3.42E-04	4.70E-04	2.2553E-03
605679.91	4201566.03	10750.68362	0.00356	0.00359	0.01919	0.01951	3.23701	4.62777	5.35E-04	7.39E-07	7.55E-07	6.46E-06	6.54E-06	3.91E-04	5.58E-04	1.4983E-03
605680.74	4201532.99	12574.34592	0.00372	0.00376	0.01949	0.01981	3.2316	4.40097	6.26E-04	7.72E-07	7.91E-07	6.56E-06	6.64E-06	3.90E-04	5.30E-04	1.5614E-03
605752.64	4201613.91	16363.69348	0.0038	0.00383	0.02139	0.02178	11.76428	8.42503	8.15E-04	7.89E-07	8.06E-07	7.20E-06	7.31E-06	1.42E-03	1.02E-03	3.2667E-03
605753.43	4201572.13	16838.67244	0.0037	0.00373	0.02058	0.02094	12.93553	8.86091	8.38E-04	7.68E-07	7.85E-07	6.93E-06	7.02E-06	1.56E-03	1.07E-03	3.4837E-03
605753.43	4201592.62	16375.13105	0.00373	0.00376	0.02088	0.02125	12.07983	8.49809	8.15E-04	7.75E-07	7.91E-07	7.03E-06	7.13E-06	1.46E-03	1.02E-03	3.3138E-03
605755.8	4201636.77	17140.80932	0.004	0.00403	0.02258	0.02301	10.56552	7.82454	8.53E-04	8.31E-07	8.48E-07	7.60E-06	7.72E-06	1.28E-03	9.43E-04	3.0891E-03
605756.59	4201550.06	19510.39119	0.00379	0.00383	0.02075	0.02111	11.53113	8.11245	9.71E-04	7.87E-07	8.06E-07	6.99E-06	7.08E-06	1.39E-03	9.78E-04	3.3571E-03
605756.59	4201659.63	16697.67452	0.00412	0.00414	0.02342	0.02387	10.35379	7.74226	8.31E-04	8.56E-07	8.71E-07	7.89E-06	8.01E-06	1.25E-03	9.33E-04	3.0322E-03
605757.37	4201681.7	15607.37765	0.0041	0.00412	0.02348	0.02394	10.47509	7.80918	7.77E-04	8.51E-07	8.67E-07	7.91E-06	8.03E-06	1.26E-03	9.41E-04	3.0007E-03
605758.95	4201524.04	26774.64158	0.00407	0.00411	0.02159	0.02196	10.36621	7.5477	1.33E-03	8.45E-07	8.65E-07	7.27E-06	7.37E-06	1.25E-03	9.10E-04	3.5107E-03
605760.53	4201505.91	35736.18899	0.00433	0.00438	0.02251	0.0229	10.14541	7.32523	1.78E-03	8.99E-07	9.21E-07	7.58E-06	7.68E-06	1.23E-03	8.83E-04	3.9041E-03
605762.1	4201482.26	54692.24369	0.00469	0.00474	0.02382	0.02422	10.4249	7.18683	2.72E-03	9.74E-07	9.97E-07	8.02E-06	8.12E-06	1.26E-03	8.66E-04	4.8659E-03
605764.55	4201731.52	13356.96758	0.00383	0.00384	0.02249	0.02295	9.20636	7.04557	6.65E-04	7.95E-07	8.08E-07	7.57E-06	7.70E-06	1.11E-03	8.49E-04	2.6426E-03
605767.62	4201463.35	77062.5535	0.00483	0.00488	0.02416	0.02456	9.30022	6.41748	3.84E-03	1.00E-06	1.03E-06	8.14E-06	8.24E-06	1.12E-03	7.73E-04	5.7514E-03
605767.9	4201752.3	12367.30885	0.00372	0.00373	0.02204	0.0225	8.3951	6.48025	6.16E-04	7.72E-07	7.85E-07	7.42E-06	7.55E-06	1.01E-03	7.81E-04	2.4269E-03
605767.9	4201771.74	11564.53018	0.00363	0.00364	0.02165	0.02211	8.25958	6.35622	5.76E-04	7.54E-07	7.66E-07	7.29E-06	7.42E-06	9.97E-04	7.66E-04	2.3554E-03
605768.57	4201808.61	10633.61909	0.00358	0.00359	0.02143	0.0219	7.95668	6.17949	5.29E-04	7.43E-07	7.55E-07	7.22E-06	7.35E-06	9.61E-04	7.45E-04	2.2510E-03
605774.72	4201432.6	124913.9484	0.00479	0.00484	0.0234	0.02377	6.19072	4.78215	6.22E-03	9.95E-07	1.02E-06	7.88E-06	7.97E-06	7.48E-04	5.76E-04	7.5606E-03
605796.06	4201826.04	11262.90384	0.00372	0.00372	0.02228	0.02279	5.03138	4.18473	5.61E-04	7.72E-07	7.83E-07	7.50E-06	7.64E-06	6.08E-04	5.04E-04	1.6893E-03
605803.82	4201672.8	19179.22228	0.00429	0.00431	0.02478	0.02528	4.36327	3.75085	9.55E-04	8.91E-07	9.07E-07	8.35E-06	8.48E-06	5.27E-04	4.52E-04	1.9524E-03
605804.38	4201419.48	140041.556	0.0047	0.00475	0.02296	0.02329	2.56423	2.3345	6.97E-03	9.76E-07	9.99E-07	7.73E-06	7.81E-06	3.10E-04	2.81E-04	7.5805E-03
605804.49	4201580.95	27490.6377	0.00423	0.00426	0.0235	0.02394	4.16306	3.56917	1.37E-03	8.78E-07	8.96E-07	7.91E-06	8.03E-06	5.03E-04	4.30E-04	2.3192E-03
605810.53	4201617.83	25171.45295	0.00441	0.00443	0.02491	0.02539	3.85222	3.33582	1.25E-03	9.16E-07	9.32E-07	8.39E-06	8.52E-06	4.65E-04	4.02E-04	2.1391E-03
605814.67	4201508.36	54333.93446	0.00474	0.00479	0.02496	0.02539	3.50243	2.99254	2.71E-03	9.84E-07	1.01E-06	8.41E-06	8.52E-06	4.23E-04	3.61E-04	3.5075E-03
605814.67	4201534.29	40761.3503	0.0045	0.00454	0.02423	0.02466	3.57673	3.08338	2.03E-03	9.34E-07	9.55E-07	8.16E-06	8.27E-06	4.32E-04	3.72E-04	2.8511E-03
605816.17	4201744.25	14371.74295	0.00378	0.00379	0.02272	0.02319	3.94792	3.42376	7.16E-04	7.85E-07	7.97E-07	7.65E-06	7.78E-06	4.77E-04	4.13E-04	1.6219E-03
605819.2	4201487.79	67543.53722	0.00479	0.00484	0.02486	0.02527	3.27199	2.79157	3.36E-03	9.95E-07	1.02E-06	8.37E-06	8.48E-06	3.95E-04	3.36E-04	4.1131E-03
605820.86	4201722.13	16116.31706	0.00393	0.00394	0.0234	0.02388	3.80206	3.30911	8.02E-04	8.16E-07	8.29E-07	7.88E-06	8.01E-06	4.59E-04	3.99E-04	1.6778E-03
605820.86	4201768.39	12733.24664	0.00359	0.0036	0.02196	0.02241	3.5997	3.14885	6.34E-04	7.45E-07	7.57E-07	7.40E-06	7.52E-06	4.35E-04	3.79E-04	1.4645E-03
605823.31	4201467.62	81240.79803	0.00478	0.00483	0.02441	0.02479	3.01079	2.5698	4.04E-03	9.93E-07	1.02E-06	8.22E-06	8.31E-06	3.64E-04	3.10E-04	4.7364E-03
605826.19	4201439.64	105741.9575	0.00474	0.00479	0.0237	0.02405	2.49568	2.19111	5.26E-03	9.84E-07	1.01E-06	7.98E-06	8.07E-06	3.01E-04	2.64E-04	5.8479E-03
605827.96	4201666.77	21399.31005	0.0044	0.00442	0.02551	0.02602	3.27161	2.8942	1.07E-03	9.14E-07	9.30E-07	8.59E-06	8.73E-06	3.95E-04	3.49E-04	1.8284E-03
605829.3	4201579.61	33119.57281	0.00452	0.00456	0.02518	0.02565	3.05814	2.69954	1.65E-03	9.39E-07	9.59E-07	8.48E-06	8.60E-06	3.69E-04	3.25E-04	2.3625E-03
605830.25	4201806.6	12357.62176	0.00368	0.00368	0.02242	0.02291	3.30489	2.89517	6.15E-04	7.64E-07	7.74E-07	7.55E-06	7.68E-06	3.99E-04	3.49E-04	1.3800E-03
605842.32	4201838.78	12437.82694	0.00389	0.00389	0.02346	0.024	2.97206	2.62222	6.19E-04	8.08E-07	8.18E-07	7.90E-06	8.05E-06	3.59E-04	3.16E-04	1.3117E-03
605846.73	4201613.8	29061.90651	0.00468	0.00471	0.02657	0.02708	2.5719	2.31159	1.45E-03	9.72E-07	9.91E-07	8.95E-06	9.08E-06	3.11E-04	2.79E-04	2.0560E-03
605847.01	4201720.79	17268.72686	0.00393	0.00394	0.02365	0.02415	2.90104	2.58915	8.60E-04	8.16E-07	8.29E-07	7.97E-06	8.10E-06	3.50E-04	3.12E-04	1.5398E-03
605848.35	4201757.66	14073.31774	0.00364	0.00365	0.02245	0.02292	2.74626	2.46354	7.01E-04	7.56E-07	7.68E-07	7.56E-06	7.69E-06	3.32E-04	2.97E-04	1.3459E-03
605850.75	4201582.29	35516.55562	0.0047	0.00473	0.02632	0.02681	2.44691	2.20224	1.77E-03	9.76E-07	9.95E-07	8.86E-06	8.99E-06	2.95E-04	2.65E-04	2.3489E-03
605851.42	4201667.44	23216.40565	0.00441	0.00442	0.02577	0.02629	2.65332	2.38701	1.16E-03	9.16E-07	9.30E-07	8.68E-06	8.82E-06	3.20E-04	2.88E-04	1.7833E-03

605854.59	4201515.36	56068.00634	0.00478	0.00482	0.02561	0.02605	2.25375	2.0207	2.79E-03	9.93E-07	1.01E-06	8.63E-06	8.74E-06	2.72E-04	2.44E-04	3.3264E-03
605854.59	4201537.17	48572.80213	0.0048	0.00484	0.02611	0.02657	2.28515	2.05595	2.42E-03	9.97E-07	1.02E-06	8.79E-06	8.91E-06	2.76E-04	2.48E-04	2.9617E-03
605857.05	4201470.09	73210.3397	0.00466	0.00471	0.02419	0.02456	2.00573	1.7981	3.64E-03	9.68E-07	9.91E-07	8.15E-06	8.24E-06	2.42E-04	2.17E-04	4.1221E-03
605857.05	4201491.49	64114.18919	0.0047	0.00475	0.02482	0.02522	2.13375	1.91033	3.19E-03	9.76E-07	9.99E-07	8.36E-06	8.46E-06	2.58E-04	2.30E-04	3.6986E-03
605860.35	4201439.64	89880.78853	0.00465	0.0047	0.02358	0.02391	1.64677	1.50952	4.47E-03	9.66E-07	9.89E-07	7.94E-06	8.02E-06	1.99E-04	1.82E-04	4.8735E-03
605865.78	4201716.1	18483.61421	0.00397	0.00398	0.02399	0.0245	2.4601	2.22253	9.20E-04	8.24E-07	8.37E-07	8.08E-06	8.22E-06	2.97E-04	2.68E-04	1.5031E-03
605870.86	4201658.05	25735.25166	0.0045	0.00452	0.02636	0.0269	2.23819	2.03702	1.28E-03	9.34E-07	9.51E-07	8.88E-06	9.02E-06	2.70E-04	2.45E-04	1.8168E-03
605872.48	4201754.31	15223.63122	0.0037	0.00371	0.02295	0.02343	2.25384	2.04806	7.58E-04	7.68E-07	7.80E-07	7.73E-06	7.86E-06	2.72E-04	2.47E-04	1.2940E-03
605873.15	4201846.82	13367.18368	0.00403	0.00403	0.02435	0.02491	2.28207	2.04993	6.65E-04	8.37E-07	8.48E-07	8.20E-06	8.36E-06	2.76E-04	2.47E-04	1.2063E-03
605875.56	4201623.19	30125.4419	0.00482	0.00485	0.02767	0.02821	2.02202	1.85054	1.50E-03	1.00E-06	1.02E-06	9.32E-06	9.46E-06	2.44E-04	2.23E-04	1.9878E-03
605888.57	4201714.09	19737.09985	0.004	0.00401	0.02438	0.02489	2.05682	1.87886	9.83E-04	8.31E-07	8.44E-07	8.21E-06	8.35E-06	2.48E-04	2.26E-04	1.4757E-03
605889.24	4201803.25	14429.46468	0.00381	0.00381	0.02356	0.02408	1.99887	1.81975	7.18E-04	7.91E-07	8.02E-07	7.93E-06	8.08E-06	2.41E-04	2.19E-04	1.1967E-03
605889.63	4201654.7	27721.84136	0.00453	0.00455	0.02667	0.02721	1.94851	1.78789	1.38E-03	9.41E-07	9.57E-07	8.98E-06	9.13E-06	2.35E-04	2.15E-04	1.8509E-03
605892.86	4201424.83	91351.35308	0.00463	0.00468	0.02348	0.02379	1.10317	1.0466	4.55E-03	9.61E-07	9.85E-07	7.91E-06	7.98E-06	1.33E-04	1.26E-04	4.8252E-03
605893.94	4201834.09	14299.86336	0.00405	0.00405	0.02463	0.0252	1.96195	1.78018	7.12E-04	8.41E-07	8.52E-07	8.30E-06	8.45E-06	2.37E-04	2.15E-04	1.1818E-03
605895.28	4201750.29	16518.94967	0.00377	0.00378	0.02351	0.024	1.91468	1.75516	8.22E-04	7.83E-07	7.95E-07	7.92E-06	8.05E-06	2.31E-04	2.12E-04	1.2827E-03
605904.79	4201542.52	48710.11094	0.00464	0.00467	0.02586	0.0263	1.58176	1.45863	2.43E-03	9.64E-07	9.82E-07	8.71E-06	8.82E-06	1.91E-04	1.76E-04	2.8113E-03
605905.72	4201609.78	35144.92844	0.00501	0.00503	0.02872	0.02926	1.60687	1.48945	1.75E-03	1.04E-06	1.06E-06	9.67E-06	9.81E-06	1.94E-04	1.80E-04	2.1448E-03
605907.73	4201585.65	40699.56396	0.00501	0.00504	0.02845	0.02897	1.56085	1.44756	2.03E-03	1.04E-06	1.06E-06	9.58E-06	9.72E-06	1.88E-04	1.74E-04	2.4106E-03
605908.49	4201515.36	54526.21025	0.00457	0.00461	0.02511	0.02551	1.45485	1.34425	2.71E-03	9.49E-07	9.70E-07	8.46E-06	8.56E-06	1.76E-04	1.62E-04	3.0712E-03
605910.7	4201707.38	21670.26802	0.00409	0.0041	0.025	0.02554	1.75939	1.62068	1.08E-03	8.49E-07	8.63E-07	8.42E-06	8.57E-06	2.12E-04	1.95E-04	1.5053E-03
605911.09	4201656.04	28943.68689	0.00451	0.00452	0.02675	0.02729	1.69953	1.56877	1.44E-03	9.37E-07	9.51E-07	9.01E-06	9.15E-06	2.05E-04	1.89E-04	1.8553E-03
605913.84	4201470.5	63286.06448	0.00444	0.00449	0.02384	0.02416	1.17671	1.10077	3.15E-03	9.22E-07	9.45E-07	8.03E-06	8.10E-06	1.42E-04	1.33E-04	3.4435E-03
605915.08	4201442.93	76981.20609	0.00454	0.0046	0.02371	0.02402	1.03427	0.97839	3.83E-03	9.43E-07	9.68E-07	7.99E-06	8.06E-06	1.25E-04	1.18E-04	4.0933E-03
605915.39	4201747.61	17783.34177	0.00385	0.00386	0.02407	0.02459	1.68076	1.55016	8.85E-04	7.99E-07	8.12E-07	8.11E-06	8.25E-06	2.03E-04	1.87E-04	1.2931E-03
605915.9	4201491.49	59611.72986	0.0045	0.00455	0.02448	0.02484	1.2774	1.1882	2.97E-03	9.34E-07	9.57E-07	8.24E-06	8.33E-06	1.54E-04	1.43E-04	3.2837E-03
605926.78	4201793.19	15485.88474	0.00378	0.00379	0.02388	0.0244	1.51977	1.40368	7.71E-04	7.85E-07	7.97E-07	8.04E-06	8.18E-06	1.84E-04	1.69E-04	1.1415E-03
605928.13	4201818.67	15600.51261	0.004	0.004	0.02474	0.0253	1.54712	1.42283	7.77E-04	8.31E-07	8.41E-07	8.33E-06	8.49E-06	1.87E-04	1.71E-04	1.1535E-03
605933.21	4201650.01	32005.43138	0.00465	0.00466	0.02762	0.02818	1.46169	1.3603	1.59E-03	9.66E-07	9.80E-07	9.30E-06	9.45E-06	1.76E-04	1.64E-04	1.9545E-03
605933.49	4201706.71	23205.4333	0.00417	0.00418	0.0256	0.02615	1.51923	1.4092	1.16E-03	8.66E-07	8.79E-07	8.62E-06	8.77E-06	1.83E-04	1.70E-04	1.5277E-03
605935.89	4201593.02	42037.92458	0.00515	0.00517	0.02949	0.03003	1.31191	1.22774	2.09E-03	1.07E-06	1.09E-06	9.93E-06	1.01E-05	1.58E-04	1.48E-04	2.4214E-03
605941.53	4201742.91	19876.64611	0.004	0.00401	0.025	0.02554	1.44317	1.33931	9.90E-04	8.31E-07	8.44E-07	8.42E-06	8.57E-06	1.74E-04	1.61E-04	1.3439E-03
605949.23	4201544.16	54306.07523	0.00475	0.00479	0.02681	0.02726	1.18693	1.11172	2.70E-03	9.86E-07	1.01E-06	9.03E-06	9.14E-06	1.43E-04	1.34E-04	3.0011E-03
605949.58	4201844.81	15786.40475	0.00423	0.00422	0.02589	0.0265	1.35449	1.24629	7.86E-04	8.78E-07	8.88E-07	8.72E-06	8.89E-06	1.64E-04	1.50E-04	1.1191E-03
605950.05	4201518.65	59151.62815	0.00465	0.00469	0.02591	0.02631	1.11449	1.04629	2.94E-03	9.66E-07	9.87E-07	8.73E-06	8.82E-06	1.35E-04	1.26E-04	3.2251E-03
605951.7	4201477.5	68506.65513	0.00456	0.00461	0.02479	0.02513	0.9625	0.91028	3.41E-03	9.47E-07	9.70E-07	8.35E-06	8.43E-06	1.16E-04	1.10E-04	3.6553E-03
605954.66	4201647.32	34640.14465	0.00477	0.00479	0.02845	0.02902	1.28233	1.2002	1.72E-03	9.91E-07	1.01E-06	9.58E-06	9.73E-06	1.55E-04	1.45E-04	2.0454E-03
605954.99	4201496.02	65113.08208	0.00462	0.00466	0.02538	0.02575	1.01209	0.95455	3.24E-03	9.59E-07	9.80E-07	8.55E-06	8.64E-06	1.22E-04	1.15E-04	3.4981E-03
605956.28	4201701.35	25718.39131	0.00433	0.00433	0.02656	0.02712	1.32704	1.23763	1.28E-03	8.99E-07	9.11E-07	8.95E-06	9.10E-06	1.60E-04	1.49E-04	1.6097E-03
605957.05	4201448.69	92201.78838	0.00484	0.00489	0.02527	0.02561	0.86033	0.81929	4.59E-03	1.01E-06	1.03E-06	8.51E-06	8.59E-06	1.04E-04	9.87E-05	4.8121E-03
605963.66	4201742.24	21620.50882	0.00415	0.00415	0.02588	0.02645	1.27881	1.19203	1.08E-03	8.62E-07	8.73E-07	8.72E-06	8.87E-06	1.54E-04	1.44E-04	1.3938E-03
605964.05	4201596.37	44629.13867	0.00529	0.00531	0.03049	0.03103	1.12011	1.0555	2.22E-03	1.10E-06	1.12E-06	1.03E-05	1.04E-05	1.35E-04	1.27E-04	2.5072E-03
605972.76	4201645.31	36689.13259	0.00492	0.00494	0.02936	0.02994	1.15355	1.0844	1.83E-03	1.02E-06	1.04E-06	9.89E-06	1.00E-05	1.39E-04	1.31E-04	2.1186E-03
605977.73	4201697.33	28286.53542	0.0045	0.00451	0.02761	0.02819	1.1773	1.10318	1.41E-03	9.34E-07	9.49E-07	9.30E-06	9.46E-06	1.42E-04	1.33E-04	1.7040E-03
605978.4	4201840.12	16726.0161	0.00424	0.00424	0.02621	0.02683	1.14302	1.05828	8.33E-04	8.80E-07	8.92E-07	8.83E-06	9.00E-06	1.38E-04	1.28E-04	1.1179E-03
605984.21	4201435.94	140994.1297	0.00522	0.00528	0.02672	0.02709	0.72489	0.69732	7.02E-03	1.08E-06	1.11E-06	9.00E-06	9.09E-06	8.75E-05	8.40E-05	7.2113E-03
605984.44	4201737.55	23914.73108	0.00434	0.00435	0.02698	0.02758	1.14815	1.07435	1.19E-03	9.01E-07	9.15E-07	9.09E-06	9.25E-06	1.39E-04	1.29E-04	1.4789E-03
605986.17	4201587.66	50348.99591	0.00536	0.00539	0.03091	0.03145	0.99224	0.93918	2.51E-03	1.11E-06	1.13E-06	1.04E-05	1.05E-05	1.20E-04	1.13E-04	2.7629E-03
605990.47	4201806.6	17555.29989	0.00401	0.00401	0.02551	0.02609	1.06061	0.98901	8.74E-04	8.33E-07	8.44E-07	8.59E-06	8.75E-06	1.28E-04	1.19E-04	1.1403E-03
605993.15	4201787.83	18844.26177	0.00405	0.00404	0.02573	0.02631	1.06047	0.9906	9.38E-04	8.41E-07	8.50E-07	8.67E-06	8.82E-06	1.28E-04	1.19E-04	1.2048E-03
605998.91	4201636.6	40640.89822	0.00522	0.00524	0.03104	0.03162	0.98949	0.93558	2.02E-03	1.08E-06	1.10E-06	1.05E-05	1.06E-05	1.19E-04	1.13E-04	2.2788E-03
605999.86	4201691.29	31663.43787	0.00472	0.00473	0.02887	0.02947	1.04549	0.98383	1.58E-03	9.80E-07	9.95E-07	9.72E-06	9.88E-06	1.26E-04	1.19E-04	1.8428E-03
606001.9	4201540.87	68182.15685	0.00503	0.00507	0.02848	0.02894	0.88255	0.83768	3.39E-03	1.04E-06	1.07E-06	9.59E-06	9.71E-06	1.07E-04	1.01E-04	3.6234E-03
606004.78	4201518.24	76931.88596	0.00497	0.00501	0.02776	0.02819	0.83374	0.79336	3.83E-03	1.03E-06	1.05E-06	9.35E-06	9.46E-06	1.01E-04	9.56E-05	4.0473E-03
606005.22	4201734.87	25719.00079	0.00447	0.00448	0.0278	0.02841	1.03394	0.97104	1.28E-03	9.28E-07	9.42E-07	9.36E-06	9.53E-06	1.25E-04	1.17E-04	1.5431E-03
606005.3	4201499.08	87633.15139	0.00501	0.00505	0.02749	0.02791	0.79507	0.75846	4.36E-03	1.04E-06	1.06E-06	9.26E-06	9.36E-06	9.60E-05	9.14E-05	4.5710E-03
606006.95	4201591.01	52470.20175	0.00548	0.0055	0.03169	0.03224	0.89788	0.85292	2.61E-03	1.14E-06	1.16E-06	1.07E-05	1.08E-05	1.08E-04	1.03E-04	2.8473E-03
606009.49	4201477.75	107429.0609	0.00512	0.00517	0.0275	0.0279	0.73739	0.70636	5.35E-03	1.06E-06	1.09E-06	9.26E-06	9.36E-06	8.90E-05	8.51E-05	5.5434E-03
606012.6	4201448.69	151822.3997	0.00529	0.00535	0.02757	0.02796	0.66645	0.64216	7.56E-03	1.10E-06	1.13E-06	9.29E-06	9.38E-06	8.05E-05	7.74E-05	7.7373E-03
606018.35	4201631.9	44085.96999	0.0053	0.00532	0.03151	0.0321	0.89953	0.85303	2.19E-03	1.10E-06	1.12E-06	1.06E-05	1.08E-05	1.09E-04	1.03E-04	2.4299E-03
606026	4201688.61	34444.7731	0.00486	0.00487	0.02977	0.03038	0.92	0.86908	1.71E-03	1.01E-06	1.02E-06	1.00E-05	1.02E-05	1.11E-04	1.05E-04	1.9529E-03
606028.01	4201804.59	19116.91642	0.00413	0.00413	0.02649	0.0271	0.87796	0.82253	9.52E-04	8.58E-07	8.69E-07	8.92E-06	9.09E-06	1.06E-04	9.91E-05	1.1766E-03
606028.68	4201785.15	20726.11712	0.00419	0.00419	0.02678	0.02739	0.89196	0.83683	1.03E-03	8.70E-07	8.81E-07	9.02E-06	9.19E-06	1.08E-04	1.01E-04	1.2604E-03
606029.35	4201731.52	27205.38403	0.00451	0.00451	0.0282	0.02881	0.91819	0.86486	1.35E-03	9.37E-07	9.49E-07	9.50E-06	9.66E-06	1.11E-04	1.04E-04	1.5906E-03
606029.75	4201589.67	56756.2804	0.00558	0.00561	0.03233	0.03288	0.8078	0.76987	2.83E-03	1.16E-06	1.18E-06	1.09E-05	1.10E-05	9.75E-05	9.28E-05	3.0402E-03
606037.79	4201634.59	46290.0277	0.00529	0.00531	0.0316	0.03219	0.82975	0.78844	2.30E-03	1.10E-06	1.12E-06	1.06E-05	1.08E-05	1.00E-04	9.50E-05	2.5234E-03
606042.76	4201830.73	19163.25684	0.00437	0.00436	0.02753	0.02819	0.81922	0.76595	9.54E-04	9.07E-07	9.17E-07	9.27E-06	9.46E-06	9.89E-05	9.23E-05	1.1658E-03
606048.12	4201685.26	35785.17248	0.00481	0.00482	0.02964	0.03023	0.83165	0.78766	1.78E-03	9.99E-07	1.01E-06	9.98E-06	1.01E-05	1.00E-04	9.49E-05	1.9991E-03
606053.21	4201593.02	59732.59112	0.00568	0.0057	0.03299	0.03355	0.73353	0.70085	2.97E-03	1.18E-06	1.20E-06	1.11E-05	1.13E-05	8.86E-05	8.45E-05	3.1716E-03
606054.16	4201725.48	29141.72226	0.00456	0.00456	0.02867	0.02928	0.81735	0.7724	1.45E-03	9.47E-07	9.59E-07	9.66E-06	9.82E-06	9.87E-05	9.31E-05	1.6640E-03
606054.96	4201471.1	152051.8295	0.00549	0.00554	0.02931	0.02974	0.59686	0.57649	7.57E-03	1.14E-06	1.17E-06	9.87E-06	9.98E-06	7.21E-05	6.95E-05	7.7337E-03
606057.41	4201447.66	210626.3673	0.00566	0.00572	0.02942	0.02984	0.55367	0.53732	1.05E-02	1.18E-06	1.20E-06	9.91E-06	1.00E-05	6.69E-05	6.48E-05	1.0640E-02
606057.76	4201494.89	127962.7816	0.0056	0.00565	0.03045	0.03091	0.62295	0.59996	6.37E-03	1.16E-06	1.19E-06	1.03E-05	1.04E-05	7.52E-05	7.23E-05	6.5412E-03
606058.46	4201539.31	88531.19112	0.00569	0.00572	0.03195	0.03247	0.67057	0.64342	4.41E-03	1.18E-06	1.20E-06	1.08E-05	1.09E-05	8.10E-05	7.75E-05	4.5901E-03
606059.25	4201628.55	50584.5383	0.00543	0.00545	0.03235	0.03293	0.75065	0.7153	2.52E-03	1.13E-06	1.15E-06	1.09E-05	1.10E-05	9.06E-05	8.62E-05	2.7194E-03
606061.96	4201516.57	108805.4355	0.00564	0.00568	0.03121	0.0317	0.63817	0.61364	5.42E-03	1.17E-06	1.19E-06	1.05E-05	1.06E-05	7.71E-05	7.40E-05	5.5915E-03
606070.25	4201675.21	40228.52548	0.00496	0.00496	0.03042	0.03101	0.75072	0.71319	2.00E-03	1.03E-06	1.04E-06	1.02E-05	1.04E-05	9.06E-05	8.60E-05	2.2021E-03
606074.67	4201584.98	66319.89377	0.00585	0.00588	0.03381	0.03437	0.66348	0.63574	3.30E-03	1.21E-06	1.24E-06	1.14E-05	1.15E-05	8.01E-05	7.66E-05	3.4839E-03
606077.62	4201831.4	20407.48623	0.00449	0.00448	0.02851	0.0292	0.69537	0.65237	1.02E-03	9.32E-07	9.42E-07	9.60E-06	9.79E-06	8.40E-05	7.86E-05	1.1999E-03
606078.96	4201722.8	31115.88774	0.00465	0.00465	0.02934	0.02995	0.73304	0.69447	1.55E-03	9.66E-07	9.78E-07	9.88E-06	1.00E-05	8.85E-05	8.37E-05	1.7432E-03
606082.04	4201624.53	54615.98272	0.00562	0.00563	0.03335	0.03394	0.67874	0.64848	2.72E-03	1.17E-06	1.18E-06	1.12E-05	1.14E-05	8.20E-05	7.82E-05	2.9042E-03
606083.3	4201427.03	352480.5488	0.00608	0.00614	0.03084	0.03127	0.47242	0.4614	1.75E-02	1.26E-06	1.29E-06	1.04E-05	1.05E-05	5.70E-05	5.56E-05	1.7685E-02
606085.67	4201779.79	24083.4708	0.00443	0.00443	0.0286	0.02924	0.69261	0.65358	1.20E-03	9.20E-07	9.32E-07	9.63E-06	9.81E-06	8.36E-05	7.88E-05	1.3827E-03
606090.36	4201797.89	22578.02489	0.00441	0.0044	0.02853	0.02919	0.6679	0.62961	1.12E-03	9.16E-07	9.26E-07	9.61E-06	9.79E-06	8.06E-05	7.59E-05	1.3018E-03
606095.72	4201675.21	43046.89854	0.00513	0.00513	0.0314	0.03199	0.67543	0.64308	2.14E-03	1.07E-06	1.08E-06	1.06E-05	1.07E-05	8.16E-05	7.75E-05	2.3256E-03
606099.47	4201581.62	71817.15811	0.00606	0.00609	0.03484	0.0354	0.5984	0.57484	3.58E-03	1.26E-06	1.28E-06	1.17E-05	1.19E-05	7.23E-05	6.93E-05	3.7431E-03
606101.76	4201726.82	32236.44824	0.00475	0.00475	0.03002	0.03063	0.6668	0.63265	1.60E-03	9.86E-07	9.99E-07	1.01E-05	1.03E-05	8.05E-05	7.62E-05	1.7840E-03
606102.82	4201623.19	57467.33381	0.00583	0.00584	0.03447	0.03507	0.6223	0.59573	2.86E-03	1.21E-06	1.23E-06	1.16E-05	1.18E-05	7.51E-05	7.18E-05	3.0338E-03
606107.43	4201441.37	283229.8569	0.00604	0.0061	0.03123	0.03167	0.45479	0.44346	1.41E-02	1.25E-06	1.28E-06	1.05E-05	1.06E-05	5.49E-05	5.34E-05	1.4233E-02
606108.13	4201514.12	123588.6107	0.00572	0.00576	0.03177	0.03226	0.53396	0.5157	6.15E-03	1.19E-06	1.21E-06	1.07E-05	1.08E-05	6.45E-05	6.22E-05	6.3035E-03
606112.33	4201491.04	151596.2352	0.00573	0.00578	0.03129	0.03176	0.5038	0.48785	7.55E-03	1.19E-06	1.22E-06	1.05E-05	1.07E-05	6.08E-05	5.88E-05	7.6905E-03
606113.03	4201537.21	104497.3174	0.00599	0.00602	0.03358	0.03412	0.54143	0.52235	5.20E-03	1.24E-06	1.27E-06	1.13E-05	1.14E-05	6.54E-05	6.30E-05	5.3561E-03
606113.38	4201469.7	185982.1473	0.00578	0.00584	0.03096	0.03142	0.47906	0.46517	9.26E-03	1.20E-06	1.23E-06	1.04E-05	1.05E-05	5.78E-05	5.61E-05	9.3965E-03
606118.24	4201586.99	72118.31807	0.00623	0.00625	0.03577	0.03633	0.56012	0.53862	3.59E-03	1.29E-06	1.31E-06	1.20E-05	1.22E-05	6.76E-05	6.49E-05	3.7498E-03
606121.87	4201679.23	45150.62247	0.00533	0.00533	0.0325	0.03312	0.61024	0.58199	2.25E-03	1.11E-06	1.12E-06	1.09E-05	1.11E-05	7.37E-05	7.01E-05	2.4160E-03
606125.89	4201728.17	34008.94139	0.0049	0.0049	0.03089	0.03151	0.60602	0.57587	1.69E-03	1.02E-06	1.03E-06	1.04E-05	1.06E-05	7.32E-05	6.94E-05	1.8588E-03
606129.64	4201621.18	60779.87889	0.00617	0.00618	0.03619	0.03679	0.55775	0.53516	3.03E-03	1.28E-06	1.30E-06	1.22E-05	1.23E-05	6.73E-05	6.45E-05	3.1849E-03
606129.91	4201828.72	21993.39256	0.00457	0.00455	0.02973	0.03044	0.55025	0.51907	1.09E-03	9.49E-07	9.57E-07	1.00E-05	1.02E-05	6.64E-05	6.26E-05	1.2461E-03
606130.58	4201805.26	24061.91486	0.00461	0.0046	0.02995	0.03064	0.56383	0.5328	1.20E-03	9.57E-07	9.68E-07	1.01E-05	1.03E-05	6.81E-05	6.42E-05	1.3525E-03
606133.93	4201786.49	26277.54841	0.00469	0.00468	0.03032	0.03099	0.56754	0.53717	1.31E-03	9.74E-07	9.85E-07	1.02E-05	1.04E-05	6.85E-05	6.47E-05	1.4641E-03
606141.04	4201589.67	74179.38233	0.00642	0.00644	0.03677	0.03734	0.51698	0.49775	3.69E-03	1.33E-06	1.35E-06	1.24E-05	1.25E-05	6.24E-05	6.00E-05	3.8431E-03
606143.99	4201858.89	21547.46245	0.00493	0.0049	0.03106	0.03184	0.51152	0.48174	1.07E-03	1.02E-06	1.03E-06	1.05E-05	1.07E-05	6.18E-05	5.81E-05	1.2158E-03
606147.07	4201623.19	62068.99185	0.00633	0.00634	0.03703	0.03763	0.52396	0.50317	3.09E-03	1.31E-06	1.33E-06	1.25E-05	1.26E-05	6.33E-05	6.06E-05	3.2418E-03
606149.35	4201736.88	34509.94103	0.00503	0.00503	0.03171	0.03234	0.55334	0.52623	1.72E-03	1.04E-06	1.06E-06	1.07E-05	1.08E-05	6.68E-05	6.34E-05	1.8720E-03
606149.76	4201533.71	116979.5798	0.00613	0.00616	0.0343	0.03484	0.47488	0.45941	5.82E-03	1.27E-06	1.30E-06	1.16E-05	1.17E-05	5.73E-05	5.54E-05	5.9624E-03
606154.05	4201702.02	42835.75919	0.00538	0.00538	0.03306	0.03369	0.54511	0.51992	2.13E-03	1.12E-06	1.13E-06	1.11E-05	1.13E-05	6.58E-05	6.27E-05	2.2858E-03
606158.5	4201482.99	174493.48	0.0059	0.00594	0.03213	0.03261	0.42498	0.41332	8.69E-03	1.23E-06	1.25E-06	1.08E-05	1.09E-05	5.13E-05	4.98E-05	8.8126E-03
606159.41	4201679.23	49546.0467	0.0057	0.0057	0.03449	0.03514	0.52947	0.50624	2.47E-03	1.18E-06	1.20E-06	1.16E-05	1.18E-05	6.39E-05	6.10E-05	2.6174E-03
606161.65	4201457.81	241656.556	0.00613	0.00619	0.03251	0.03298	0.39911	0.38931	1.20E-02	1.27E-06	1.30E-06	1.09E-05	1.11E-05	4.82E-05	4.69E-05	1.2151E-02
606162.49	4201601.07	71817.55996	0.00661	0.00663	0.03788	0.03847	0.4848	0.46681	3.58E-03	1.37E-06	1.39E-06	1.28E-05	1.29E-05	5.85E-05	5.63E-05	3.7187E-03
606166.11	4201859.56	21893.6348	0.00494	0.00491	0.03146	0.03225	0.46458	0.4385	1.09E-03	1.03E-06	1.03E-06	1.06E-05	1.08E-05	5.61E-05	5.28E-05	1.2224E-03
606167.94	4201503.63	151113.8193	0.00598	0.00602	0.03303	0.03355	0.4283	0.41573	7.52E-03	1.24E-06	1.27E-06	1.11E-05	1.13E-05	5.17E-05	5.01E-05	7.6500E-03
606169.34	4201536.16	118849.0033	0.00625	0.00628	0.035	0.03556	0.44671	0.43255	5.92E-03	1.30E-06	1.32E-06	1.18E-05	1.19E-05	5.39E-05	5.21E-05	6.0494E-03
606172.54	4201623.86	64679.42397	0.00655	0.00657	0.03815	0.03877	0.4793	0.46084	3.22E-03	1.36E-06	1.38E-06	1.28E-05	1.30E-05	5.79E-05	5.55E-05	3.3621E-03
606182.87	4201797.22	28691.45007	0.00514	0.00512	0.03271	0.03343	0.47228	0.44795	1.43E-03	1.07E-06	1.08E-06	1.10E-05	1.12E-05	5.70E-05	5.40E-05	1.5638E-03
606182.87	4201815.32	26346.27452	0.00504	0.00501	0.0323	0.03303	0.46134	0.43713	1.31E-03	1.05E-06	1.05E-06	1.09E-05	1.11E-05	5.57E-05	5.27E-05	1.4441E-03
606186.48	4201435.77	378704.789	0.00671	0.00678	0.03449	0.03497	0.3523	0.34516	1.89E-02	1.39E-06	1.43E-06	1.16E-05	1.17E-05	4.25E-05	4.16E-05	1.8964E-02
606186.89	4201842.13	23441.66255	0.00491	0.00488	0.03187	0.03262	0.43551	0.41226	1.17E-03	1.02E-06	1.03E-06	1.07E-05	1.09E-05	5.26E-05	4.97E-05	1.2931E-03
606187.56	4201772.41	32121.33852	0.00524	0.00522	0.03308	0.03377	0.47367	0.45023	1.60E-03	1.09E-06	1.10E-06	1.11E-05	1.13E-05	5.72E-05	5.43E-05	1.7353E-03
606194.94	4201745.6	37046.61997	0.00544	0.00542	0.03384	0.03451	0.46864	0.44644	1.84E-03	1.13E-06	1.14E-06	1.14E-05	1.16E-05	5.66E-05	5.38E-05	1.9800E-03
606202.98	4201718.78	43842.38342	0.00578	0.00577	0.03527	0.03596	0.45859	0.43782	2.18E-03	1.20E-06	1.21E-06	1.19E-05	1.21E-05	5.54E-05	5.28E-05	2.3172E-03
606207.68	4201693.98	50127.87863	0.00609	0.00608	0.03664	0.03734	0.44889	0.4296	2.50E-03	1.26E-06	1.28E-06	1.23E-05	1.25E-05	5.42E-05	5.18E-05	2.6290E-03
606208.52	4201434.72	382775.6559	0.00698	0.00705	0.03573	0.03624	0.33074	0.3243	1.91E-02	1.45E-06	1.48E-06	1.20E-05	1.22E-05	3.99E-05	3.91E-05	1.9163E-02
606212.37	4201484.74	185374.9862	0.00617	0.00621	0.0337	0.03421	0.36252	0.35339	9.23E-03	1.28E-06	1.31E-06	1.13E-05	1.15E-05	4.38E-05	4.26E-05	9.3408E-03
606214.45	4201529.7	135062.2606	0.00638	0.00641	0.0356	0.03617	0.38559	0.37434	6.72E-03	1.32E-06	1.35E-06	1.20E-05	1.21E-05	4.66E-05	4.51E-05	6.8426E-03
606216.45	4201599.79	79088.80353	0.00707	0.00709	0.04004	0.04067	0.4064	0.39222	3.94E-03	1.47E-06	1.49E-06	1.35E-05	1.36E-05	4.91E-05	4.73E-05	4.0639E-03
606217.24	4201646.32	62361.11118	0.00675	0.00675	0.03958	0.04024	0.42134	0.40502	3.10E-03	1.40E-06	1.42E-06	1.33E-05	1.35E-05	5.09E-05	4.88E-05	3.2340E-03
606219	4201578.94	91293.87998	0.00699	0.00701	0.03936	0.03997	0.39744	0.38432	4.55E-03	1.45E-06	1.47E-06	1.33E-05	1.34E-05	4.80E-05	4.63E-05	4.6690E-03
606221.97	4201624.24	69732.07057	0.007	0.00701	0.0403	0.04094	0.40743	0.39244	3.47E-03	1.45E-06	1.47E-06	1.36E-05	1.37E-05	4.92E-05	4.73E-05	3.5984E-03
606229.86	4201440.32	358329.6538	0.00709	0.00715	0.03649	0.03702	0.31659	0.31036	1.78E-02	1.47E-06	1.50E-06	1.23E-05	1.24E-05	3.82E-05	3.74E-05	1.7943E-02
606233.34	4201488.04	184499.7035	0.00628	0.00632	0.0344	0.03493	0.34346	0.33492	9.19E-03	1.30E-06	1.33E-06	1.16E-05	1.17E-05	4.15E-05	4.04E-05	9.2932E-03
606235.77	4201525.82	140866.5387	0.00642	0.00645	0.03575	0.03633	0.36059	0.35044	7.01E-03	1.33E-06	1.36E-06	1.20E-05	1.22E-05	4.35E-05	4.22E-05	7.1258E-03
606249.57	4201574.58	98977.57888	0.00712	0.00713	0.03998	0.04061	0.3626	0.3511	4.93E-03	1.48E-06	1.50E-06	1.35E-05	1.36E-05	4.38E-05	4.23E-05	5.0438E-03
606250.49	4201437.52	366111.7214	0.00742	0.00749	0.03795	0.0385	0.29818	0.29257	1.82E-02	1.54E-06	1.58E-06	1.28E-05	1.29E-05	3.60E-05	3.53E-05	1.8327E-02
606251.94	4201658.94	61418.01262	0.00704	0.00703	0.04113	0.04184	0.37955	0.36484	3.06E-03	1.46E-06	1.48E-06	1.39E-05	1.40E-05	4.58E-05	4.40E-05	3.1784E-03
606252.92	4201711.54	49274.28748	0.0065	0.00648	0.03885	0.03961	0.38673	0.37012	2.45E-03	1.35E-06	1.36E-06	1.31E-05	1.33E-05	4.67E-05	4.46E-05	2.5735E-03
606253.2	4201487.56	192730.2027	0.00644	0.00648	0.03518	0.03573	0.32505	0.31711	9.60E-03	1.34E-06	1.36E-06	1.18E-05	1.20E-05	3.92E-05	3.82E-05	9.6992E-03
606256.67	4201638.44	68016.57235	0.00724	0.00724	0.04173	0.04242	0.36934	0.35573	3.39E-03	1.50E-06	1.52E-06	1.41E-05	1.42E-05	4.46E-05	4.29E-05	3.5050E-03
606262.4	4201524.85	144915.4396	0.00655	0.00657	0.03637	0.03696	0.33419	0.32504	7.21E-03	1.36E-06	1.38E-06	1.22E-05	1.24E-05	4.04E-05	3.92E-05	7.3216E-03
606269.15	4201720.69	48295.48285	0.00665	0.00662	0.03962	0.0404	0.36687	0.35109	2.40E-03	1.38E-06	1.39E-06	1.33E-05	1.36E-05	4.43E-05	4.23E-05	2.5207E-03
606269.29	4201609.25	80280.89668	0.00755	0.00755	0.04245	0.04312	0.3488	0.33689	4.00E-03	1.57E-06	1.59E-06	1.43E-05	1.45E-05	4.21E-05	4.06E-05	4.1115E-03
606269.72	4201778.05	38191.72794	0.00646	0.00642	0.03887	0.03968	0.35941	0.34275	1.90E-03	1.34E-06	1.35E-06	1.31E-05	1.33E-05	4.34E-05	4.13E-05	2.0152E-03
606270.87	4201576.12	101193.1763	0.00721	0.00722	0.04047	0.04114	0.34211	0.33139	5.04E-03	1.50E-06	1.52E-06	1.36E-05	1.38E-05	4.13E-05	3.99E-05	5.1497E-03
606272.88	4201439.62	359319.3502	0.00761	0.00768	0.03897	0.03955	0.28333	0.278	1.79E-02	1.58E-06	1.62E-06	1.31E-05	1.33E-05	3.42E-05	3.35E-05	1.7986E-02
606275.48	4201489.01	195546.7373	0.00663	0.00666	0.03611	0.03667	0.30709	0.29972	9.74E-03	1.38E-06	1.40E-06	1.22E-05	1.23E-05	3.71E-05	3.61E-05	9.8358E-03
606276.42	4201759.93	41396.60809	0.00659	0.00655	0.03943	0.04024	0.35501	0.33903	2.06E-03	1.37E-06	1.38E-06	1.33E-05	1.35E-05	4.29E-05	4.09E-05	2.1742E-03
606279.84	4201522.43	149003.3999	0.00662	0.00664	0.03671	0.03731	0.31771	0.30922	7.42E-03	1.37E-06	1.40E-06	1.24E-05	1.25E-05	3.84E-05	3.73E-05	7.5215E-03
606289.5	4201742.98	44999.13942	0.00683	0.00678	0.04052	0.04134	0.34242	0.32754	2.24E-03	1.42E-06	1.43E-06	1.36E-05	1.39E-05	4.13E-05	3.95E-05	2.3515E-03
606291.38	4201574.55	105891.2118	0.0072	0.00721	0.04034	0.04103	0.32357	0.31366	5.27E-03	1.50E-06	1.52E-06	1.36E-05	1.38E-05	3.91E-05	3.78E-05	5.3791E-03
606292.47	4201438.92	363227.2522	0.00786	0.00792	0.0401	0.04072	0.26981	0.26483	1.81E-02	1.63E-06	1.67E-06	1.35E-05	1.37E-05	3.26E-05	3.19E-05	1.8178E-02
606293.82	4201678.82	58735.9382	0.0074	0.00737	0.04307	0.04383	0.33569	0.32263	2.92E-03	1.54E-06	1.55E-06	1.45E-05	1.47E-05	4.05E-05	3.89E-05	3.0359E-03
606297.28	4201490.95	197009.3281	0.00682	0.00685	0.03708	0.03767	0.29114	0.28426	9.81E-03	1.42E-06	1.44E-06	1.25E-05	1.26E-05	3.52E-05	3.43E-05	9.9056E-03
606298.76	4201611.71	82539.04025	0.0077	0.0077	0.04332	0.04403	0.32195	0.31115	4.11E-03	1.60E-06	1.62E-06	1.46E-05	1.48E-05	3.89E-05	3.75E-05	4.2182E-03
606300.16	4201729.9	47979.15732	0.00704	0.007	0.04152	0.04235	0.33193	0.31781	2.39E-03	1.46E-06	1.47E-06	1.40E-05	1.42E-05	4.01E-05	3.83E-05	2.4982E-03
606304.54	4201523.88	149390.9043	0.00674	0.00676	0.03736	0.03798	0.29807	0.29024	7.44E-03	1.40E-06	1.42E-06	1.26E-05	1.27E-05	3.60E-05	3.50E-05	7.5366E-03
606309.88	4201659.06	64795.24952	0.00782	0.00781	0.04472	0.04548	0.31669	0.305	3.23E-03	1.62E-06	1.64E-06	1.51E-05	1.53E-05	3.82E-05	3.68E-05	3.3345E-03
606312.67	4201570.6	111937.449	0.0072	0.0072	0.04018	0.04088	0.30494	0.29587	5.57E-03	1.50E-06	1.51E-06	1.35E-05	1.37E-05	3.68E-05	3.57E-05	5.6756E-03
606314.81	4201788.73	38393.81853	0.00723	0.00717	0.0427	0.04361	0.30859	0.29469	1.91E-03	1.50E-06	1.51E-06	1.44E-05	1.46E-05	3.73E-05	3.55E-05	2.0163E-03
606315.23	4201638.06	72209.0114	0.00796	0.00796	0.04495	0.04571	0.30971	0.29881	3.59E-03	1.65E-06	1.67E-06	1.51E-05	1.53E-05	3.74E-05	3.60E-05	3.7022E-03
606315.55	4201437.87	368314.3779	0.00819	0.00825	0.04159	0.04225	0.25498	0.25036	1.83E-02	1.70E-06	1.74E-06	1.40E-05	1.42E-05	3.08E-05	3.02E-05	1.8429E-02
606319.56	4201491.43	201105.0786	0.00705	0.00708	0.03815	0.03876	0.27551	0.26911	1.00E-02	1.46E-06	1.49E-06	1.28E-05	1.30E-05	3.33E-05	3.24E-05	1.0107E-02
606323.91	4201523.4	150831.358	0.00683	0.00684	0.03781	0.03844	0.28333	0.27604	7.51E-03	1.42E-06	1.44E-06	1.27E-05	1.29E-05	3.42E-05	3.33E-05	7.6052E-03
606326.76	4201698.59	55431.93955	0.00774	0.00771	0.04489	0.04571	0.30456	0.29261	2.76E-03	1.61E-06	1.62E-06	1.51E-05	1.53E-05	3.68E-05	3.53E-05	2.8654E-03
606330.59	4201761.12	43369.61097	0.00746	0.00741	0.04373	0.04463	0.29858	0.28574	2.16E-03	1.55E-06	1.56E-06	1.47E-05	1.50E-05	3.61E-05	3.44E-05	2.2625E-03
606330.81	4201577.7	108495.2812	0.00737	0.00737	0.04113	0.04186	0.29204	0.28324	5.40E-03	1.53E-06	1.55E-06	1.39E-05	1.40E-05	3.53E-05	3.41E-05	5.5019E-03
606336.02	4201492.4	202354.0256	0.00721	0.00724	0.03893	0.03957	0.26498	0.25888	1.01E-02	1.50E-06	1.52E-06	1.31E-05	1.33E-05	3.20E-05	3.12E-05	1.0167E-02
606336.54	4201438.57	365232.7276	0.00846	0.00852	0.04294	0.04363	0.24329	0.2389	1.82E-02	1.76E-06	1.79E-06	1.45E-05	1.46E-05	2.94E-05	2.88E-05	1.8274E-02
606339.11	4201680.06	60110.12094	0.00824	0.00822	0.0468	0.04761	0.29142	0.2805	2.99E-03	1.71E-06	1.73E-06	1.58E-05	1.60E-05	3.52E-05	3.38E-05	3.0968E-03
606346.36	4201775.32	41439.77775	0.00773	0.00768	0.04534	0.04629	0.28201	0.26981	2.06E-03	1.61E-06	1.62E-06	1.53E-05	1.55E-05	3.41E-05	3.25E-05	2.1637E-03
606348.13	4201523.88	151173.9414	0.00701	0.00703	0.03872	0.03937	0.26672	0.25996	7.53E-03	1.46E-06	1.48E-06	1.30E-05	1.32E-05	3.22E-05	3.13E-05	7.6190E-03
606348.58	4201660.71	65847.91705	0.00854	0.00855	0.04773	0.04853	0.28221	0.2721	3.28E-03	1.77E-06	1.80E-06	1.61E-05	1.63E-05	3.41E-05	3.28E-05	3.3811E-03
606356.48	4201437.17	370145.4273	0.00883	0.00889	0.04455	0.04527	0.23196	0.2278	1.84E-02	1.83E-06	1.87E-06	1.50E-05	1.52E-05	2.80E-05	2.75E-05	1.8517E-02
606356.84	4201575.34	112817.1635	0.00739	0.00739	0.04115	0.04189	0.27272	0.26475	5.62E-03	1.53E-06	1.55E-06	1.39E-05	1.41E-05	3.29E-05	3.19E-05	5.7125E-03
606357.23	4201635.59	76591.73419	0.00828	0.00827	0.0464	0.04722	0.27652	0.26712	3.81E-03	1.72E-06	1.74E-06	1.56E-05	1.58E-05	3.34E-05	3.22E-05	3.9137E-03
606357.41	4201787.15	39767.24334	0.00795	0.0079	0.04682	0.04777	0.27007	0.25845	1.98E-03	1.65E-06	1.66E-06	1.58E-05	1.60E-05	3.26E-05	3.11E-05	2.0787E-03
606361.21	4201490.46	212129.0933	0.00754	0.00757	0.04041	0.04109	0.24889	0.24331	1.06E-02	1.57E-06	1.59E-06	1.36E-05	1.38E-05	3.01E-05	2.93E-05	1.0651E-02
606365.08	4201531.15	144666.2498	0.00714	0.00715	0.03945	0.04012	0.25767	0.25106	7.20E-03	1.48E-06	1.50E-06	1.33E-05	1.35E-05	3.11E-05	3.03E-05	7.2934E-03
606373.59	4201720.63	52051.131	0.00838	0.00834	0.04834	0.04926	0.26368	0.25344	2.59E-03	1.74E-06	1.75E-06	1.63E-05	1.65E-05	3.18E-05	3.05E-05	2.6901E-03
606374.98	4201580.86	110191.5484	0.00752	0.00751	0.04179	0.04256	0.26128	0.25362	5.49E-03	1.56E-06	1.58E-06	1.41E-05	1.43E-05	3.15E-05	3.06E-05	5.5796E-03
606381.66	4201440.67	354658.2757	0.00913	0.00918	0.04611	0.04688	0.22086	0.21683	1.77E-02	1.90E-06	1.93E-06	1.55E-05	1.57E-05	2.67E-05	2.61E-05	1.7745E-02
606383.49	4201491.43	214653.2747	0.00782	0.00784	0.04172	0.04244	0.23661	0.23138	1.07E-02	1.62E-06	1.65E-06	1.41E-05	1.42E-05	2.86E-05	2.79E-05	1.0775E-02
606386.35	4201698.4	57103.9306	0.00883	0.00883	0.05021	0.05112	0.25417	0.24476	2.84E-03	1.83E-06	1.86E-06	1.69E-05	1.71E-05	3.07E-05	2.95E-05	2.9409E-03
606388.41	4201737.51	49114.90644	0.00852	0.00848	0.04926	0.05022	0.25163	0.24177	2.45E-03	1.77E-06	1.78E-06	1.66E-05	1.68E-05	3.04E-05	2.91E-05	2.5417E-03
606388.82	4201528.24	152468.4479	0.00746	0.00746	0.04086	0.04158	0.24275	0.23663	7.59E-03	1.55E-06	1.57E-06	1.38E-05	1.39E-05	2.93E-05	2.85E-05	7.6794E-03
606396.28	4201577.7	110271.7517	0.00745	0.00744	0.04156	0.04232	0.24722	0.24018	5.49E-03	1.55E-06	1.57E-06	1.40E-05	1.42E-05	2.99E-05	2.89E-05	5.5800E-03
606400.2	4201441.37	350888.0744	0.00942	0.00947	0.0475	0.04831	0.21245	0.20856	1.75E-02	1.96E-06	1.99E-06	1.60E-05	1.62E-05	2.57E-05	2.51E-05	1.7556E-02
606400.76	4201753.16	46518.77688	0.00864	0.00861	0.05016	0.05117	0.24146	0.23194	2.32E-03	1.79E-06	1.81E-06	1.69E-05	1.72E-05	2.92E-05	2.80E-05	2.4107E-03
606400.88	4201682.12	62188.14402	0.00903	0.00903	0.05074	0.05167	0.24528	0.23652	3.10E-03	1.88E-06	1.90E-06	1.71E-05	1.73E-05	2.96E-05	2.85E-05	3.1924E-03
606403.83	4201491.43	217693.2932	0.00813	0.00815	0.04317	0.04393	0.22595	0.22097	1.08E-02	1.69E-06	1.71E-06	1.45E-05	1.47E-05	2.73E-05	2.66E-05	1.0925E-02
606409.52	4201629	84223.27646	0.0084	0.00836	0.04646	0.04737	0.24318	0.2353	4.19E-03	1.74E-06	1.76E-06	1.56E-05	1.59E-05	2.94E-05	2.84E-05	4.2859E-03
606409.64	4201527.76	155482.3665	0.00774	0.00774	0.04215	0.04291	0.23105	0.2253	7.74E-03	1.61E-06	1.63E-06	1.42E-05	1.44E-05	2.79E-05	2.72E-05	7.8277E-03
606411.88	4201772.51	43340.05581	0.00879	0.00875	0.05141	0.05245	0.2314	0.22223	2.16E-03	1.83E-06	1.84E-06	1.73E-05	1.76E-05	2.79E-05	2.68E-05	2.2510E-03
606415.59	4201718.16	53445.27406	0.00914	0.00913	0.05233	0.05333	0.23368	0.225	2.66E-03	1.90E-06	1.92E-06	1.76E-05	1.79E-05	2.82E-05	2.71E-05	2.7555E-03
606415.7	4201656.59	72827.20793	0.00868	0.00864	0.0482	0.04914	0.23952	0.23135	3.63E-03	1.80E-06	1.82E-06	1.62E-05	1.65E-05	2.89E-05	2.79E-05	3.7189E-03
606417.34	4201441.37	351723.3273	0.00966	0.00971	0.04868	0.04951	0.20498	0.20123	1.75E-02	2.01E-06	2.04E-06	1.64E-05	1.66E-05	2.48E-05	2.43E-05	1.7597E-02
606421.52	4201578.49	110821.8231	0.00771	0.00769	0.0428	0.0436	0.23248	0.22594	5.52E-03	1.60E-06	1.62E-06	1.44E-05	1.46E-05	2.81E-05	2.72E-05	5.6049E-03

606425.14	4201492.89	215126.3034	0.00845	0.00846	0.04467	0.04547	0.2158	0.21103	1.07E-02	1.75E-06	1.78E-06	1.50E-05	1.53E-05	2.61E-05	2.54E-05	1.0796E-02
606430	4201786.92	41310.82984	0.00911	0.00907	0.05352	0.0546	0.21774	0.20919	2.06E-03	1.89E-06	1.91E-06	1.80E-05	1.83E-05	2.63E-05	2.52E-05	2.1483E-03
606431.64	4201749.04	47704.07124	0.00924	0.00921	0.05344	0.05451	0.22141	0.21302	2.37E-03	1.92E-06	1.94E-06	1.80E-05	1.83E-05	2.67E-05	2.57E-05	2.4675E-03
606431.92	4201532.6	151763.5296	0.00801	0.00801	0.04351	0.04431	0.22036	0.21484	7.56E-03	1.66E-06	1.69E-06	1.47E-05	1.49E-05	2.66E-05	2.59E-05	7.6410E-03
606433.4	4201693.65	61071.31134	0.00911	0.00907	0.05109	0.0521	0.22648	0.21851	3.04E-03	1.89E-06	1.91E-06	1.72E-05	1.75E-05	2.73E-05	2.63E-05	3.1326E-03
606441.24	4201580.07	111525.3666	0.00806	0.00803	0.04432	0.04517	0.22195	0.21574	5.55E-03	1.67E-06	1.69E-06	1.49E-05	1.52E-05	2.68E-05	2.60E-05	5.6386E-03
606444.62	4201444.87	335046.4534	0.01007	0.01011	0.05069	0.05157	0.19467	0.19103	1.67E-02	2.09E-06	2.13E-06	1.71E-05	1.73E-05	2.35E-05	2.30E-05	1.6766E-02
606447.91	4201503.06	196781.6239	0.00868	0.00868	0.04594	0.04678	0.20732	0.2026	9.80E-03	1.80E-06	1.83E-06	1.55E-05	1.57E-05	2.50E-05	2.44E-05	9.8811E-03
606453.07	4201608.46	96450.76833	0.00837	0.00832	0.04583	0.04674	0.21801	0.21149	4.80E-03	1.74E-06	1.75E-06	1.54E-05	1.57E-05	2.63E-05	2.55E-05	4.8883E-03
606454.65	4201658.94	74126.5574	0.00881	0.00875	0.04812	0.04912	0.21821	0.21096	3.69E-03	1.83E-06	1.84E-06	1.62E-05	1.65E-05	2.63E-05	2.54E-05	3.7786E-03
606455.43	4201631.34	85419.19014	0.00847	0.00841	0.04636	0.04729	0.21781	0.21098	4.25E-03	1.76E-06	1.77E-06	1.56E-05	1.59E-05	2.63E-05	2.54E-05	4.3394E-03
606456.22	4201751.23	47766.93195	0.00961	0.00957	0.05545	0.05658	0.20721	0.19951	2.38E-03	2.00E-06	2.01E-06	1.87E-05	1.90E-05	2.50E-05	2.40E-05	2.4688E-03
606459.38	4201686.55	64736.22761	0.00916	0.0091	0.05034	0.05139	0.21428	0.20683	3.22E-03	1.90E-06	1.91E-06	1.70E-05	1.72E-05	2.59E-05	2.49E-05	3.3117E-03
606459.53	4201534.54	152476.1002	0.00849	0.00848	0.04567	0.04653	0.20728	0.20213	7.59E-03	1.76E-06	1.78E-06	1.54E-05	1.56E-05	2.50E-05	2.44E-05	7.6750E-03
606461.74	4201579.28	112658.8245	0.00835	0.00832	0.04559	0.04648	0.21143	0.20553	5.61E-03	1.73E-06	1.75E-06	1.54E-05	1.56E-05	2.55E-05	2.48E-05	5.6935E-03
606474	4201459.56	278767.5428	0.0103	0.01033	0.05236	0.05327	0.18675	0.18306	1.39E-02	2.14E-06	2.17E-06	1.76E-05	1.79E-05	2.25E-05	2.21E-05	1.3963E-02
606498.84	4201448.36	310194.892	0.01164	0.0117	0.0564	0.05731	0.17472	0.17138	1.54E-02	2.42E-06	2.46E-06	1.90E-05	1.92E-05	2.11E-05	2.07E-05	1.5528E-02
606507.25	4201499.81	195704.0086	0.00982	0.00981	0.051	0.05195	0.18207	0.17796	9.74E-03	2.04E-06	2.06E-06	1.72E-05	1.74E-05	2.20E-05	2.14E-05	9.8254E-03
606508.65	4201695.39	63238.97959	0.00936	0.0093	0.0506	0.05171	0.19016	0.18376	3.15E-03	1.94E-06	1.96E-06	1.70E-05	1.73E-05	2.30E-05	2.21E-05	3.2318E-03
606508.93	4201744.7	50874.0571	0.00995	0.00989	0.05549	0.05671	0.18481	0.17822	2.53E-03	2.07E-06	2.08E-06	1.87E-05	1.90E-05	2.23E-05	2.15E-05	2.6184E-03
606509	4201630.66	82106.17486	0.00869	0.00861	0.04735	0.0483	0.19143	0.18568	4.09E-03	1.80E-06	1.81E-06	1.59E-05	1.62E-05	2.31E-05	2.24E-05	4.1690E-03
606510.05	4201608.27	93366.72224	0.00882	0.00875	0.04775	0.0487	0.19072	0.18521	4.65E-03	1.83E-06	1.84E-06	1.61E-05	1.63E-05	2.30E-05	2.23E-05	4.7298E-03
606510.05	4201720.93	56451.06671	0.00973	0.00968	0.05329	0.05449	0.18729	0.18071	2.81E-03	2.02E-06	2.04E-06	1.79E-05	1.83E-05	2.26E-05	2.18E-05	2.8951E-03
606511.8	4201676.15	67721.25027	0.00902	0.00895	0.04883	0.04987	0.18961	0.18344	3.37E-03	1.87E-06	1.88E-06	1.64E-05	1.67E-05	2.29E-05	2.21E-05	3.4535E-03
606512.15	4201523.95	161649.8163	0.00966	0.00963	0.05062	0.05158	0.18339	0.179	8.05E-03	2.01E-06	2.03E-06	1.70E-05	1.73E-05	2.21E-05	2.16E-05	8.1299E-03
606512.15	4201589.73	103978.4102	0.00896	0.00889	0.04819	0.04913	0.1891	0.18384	5.18E-03	1.86E-06	1.87E-06	1.62E-05	1.65E-05	2.28E-05	2.22E-05	5.2581E-03
606512.5	4201654.8	73018.38044	0.00875	0.00867	0.04771	0.04869	0.18963	0.1837	3.64E-03	1.82E-06	1.82E-06	1.61E-05	1.63E-05	2.29E-05	2.21E-05	3.7163E-03
606513.2	4201565.24	122004.1138	0.0092	0.00914	0.04898	0.04994	0.18706	0.1822	6.07E-03	1.91E-06	1.92E-06	1.65E-05	1.68E-05	2.26E-05	2.20E-05	6.1557E-03
606516.35	4201548.09	136435.5217	0.00949	0.00944	0.05005	0.05102	0.18432	0.17964	6.79E-03	1.97E-06	1.99E-06	1.69E-05	1.71E-05	2.23E-05	2.16E-05	6.8744E-03
606518.78	4201441.37	333330.8184	0.01217	0.01224	0.05821	0.05911	0.16672	0.16362	1.66E-02	2.53E-06	2.57E-06	1.96E-05	1.98E-05	2.01E-05	1.97E-05	1.6679E-02
606541.86	4201446.62	283214.3489	0.0125	0.01257	0.06004	0.06098	0.1605	0.15745	1.41E-02	2.60E-06	2.64E-06	2.02E-05	2.05E-05	1.94E-05	1.90E-05	1.4184E-02
606547.14	4201545.99	132995.9084	0.0103	0.01024	0.0534	0.05445	0.17228	0.16796	6.62E-03	2.14E-06	2.15E-06	1.80E-05	1.83E-05	2.08E-05	2.02E-05	6.7029E-03
606547.49	4201643.96	76569.02346	0.00937	0.0093	0.05025	0.05128	0.17528	0.17	3.81E-03	1.95E-06	1.96E-06	1.69E-05	1.72E-05	2.12E-05	2.05E-05	3.8917E-03
606549.59	4201682.79	63632.61317	0.0092	0.00915	0.05031	0.05138	0.17272	0.1672	3.17E-03	1.91E-06	1.92E-06	1.69E-05	1.72E-05	2.09E-05	2.02E-05	3.2470E-03
606549.94	4201527.45	148397.7727	0.01062	0.01058	0.05473	0.05581	0.16957	0.16546	7.39E-03	2.21E-06	2.23E-06	1.84E-05	1.87E-05	2.05E-05	1.99E-05	7.4701E-03
606550.58	4201746.15	50948.6615	0.01023	0.01017	0.05633	0.05766	0.16782	0.16202	2.54E-03	2.12E-06	2.14E-06	1.90E-05	1.93E-05	2.03E-05	1.95E-05	2.6189E-03
606550.64	4201703.09	59274.93607	0.00932	0.00928	0.05116	0.05228	0.1712	0.16562	2.95E-03	1.94E-06	1.95E-06	1.72E-05	1.75E-05	2.07E-05	2.00E-05	3.0303E-03
606550.64	4201723.38	55875.24696	0.00968	0.00964	0.05302	0.05422	0.16999	0.1643	2.78E-03	2.01E-06	2.03E-06	1.79E-05	1.82E-05	2.05E-05	1.98E-05	2.8622E-03
606551.69	4201619.47	86585.58207	0.00961	0.00953	0.0509	0.05193	0.17394	0.16892	4.31E-03	2.00E-06	2.00E-06	1.71E-05	1.74E-05	2.10E-05	2.04E-05	4.3906E-03
606552.74	4201663.55	69683.60326	0.00937	0.0093	0.0506	0.05166	0.17257	0.16723	3.47E-03	1.95E-06	1.96E-06	1.70E-05	1.73E-05	2.08E-05	2.02E-05	3.5485E-03
606553.44	4201490.71	187340.484	0.01129	0.01127	0.0574	0.05847	0.16404	0.16047	9.33E-03	2.34E-06	2.37E-06	1.93E-05	1.96E-05	1.98E-05	1.93E-05	9.4097E-03
606554.49	4201509.26	164901.3976	0.01102	0.01099	0.05639	0.05747	0.16599	0.16215	8.21E-03	2.29E-06	2.31E-06	1.90E-05	1.93E-05	2.00E-05	1.95E-05	8.2922E-03
606562.5	4201446.27	249415.2106	0.0129	0.01297	0.06179	0.06276	0.15439	0.15145	1.24E-02	2.68E-06	2.73E-06	2.08E-05	2.11E-05	1.86E-05	1.83E-05	1.2501E-02
606564.63	4201574.33	110033.7022	0.01045	0.01037	0.05401	0.0551	0.16784	0.16339	5.48E-03	2.17E-06	2.18E-06	1.82E-05	1.85E-05	2.03E-05	1.97E-05	5.5591E-03
606575.48	4201609.67	90295.53199	0.0103	0.01022	0.05359	0.05469	0.1651	0.16047	4.50E-03	2.14E-06	2.15E-06	1.80E-05	1.83E-05	1.99E-05	1.93E-05	4.5754E-03
606580.34	4201444.87	226724.0075	0.01328	0.01335	0.06337	0.06438	0.14921	0.14639	1.13E-02	2.76E-06	2.81E-06	2.13E-05	2.16E-05	1.80E-05	1.76E-05	1.1372E-02
606590.52	4201574.68	104981.6173	0.01124	0.01116	0.05743	0.05862	0.15883	0.1546	5.23E-03	2.33E-06	2.35E-06	1.93E-05	1.97E-05	1.92E-05	1.86E-05	5.3081E-03
606596.82	4201614.57	85997.91474	0.01086	0.01079	0.05609	0.05727	0.15774	0.15331	4.28E-03	2.26E-06	2.27E-06	1.89E-05	1.92E-05	1.90E-05	1.85E-05	4.3616E-03
606598.88	4201448.01	200277.8695	0.01365	0.01371	0.0651	0.06617	0.14463	0.14187	9.97E-03	2.83E-06	2.88E-06	2.19E-05	2.22E-05	1.75E-05	1.71E-05	1.0055E-02
606600.26	4201679.16	64074.13533	0.0103	0.01025	0.05543	0.05662	0.15476	0.15004	3.19E-03	2.14E-06	2.16E-06	1.87E-05	1.90E-05	1.87E-05	1.81E-05	3.2687E-03
606600.47	4201735.01	52314.17189	0.01061	0.01053	0.05803	0.05938	0.15081	0.14592	2.60E-03	2.20E-06	2.22E-06	1.95E-05	1.99E-05	1.82E-05	1.76E-05	2.6842E-03
606601.43	4201696.27	59875.19378	0.01027	0.01022	0.05582	0.05704	0.15333	0.14856	2.98E-03	2.13E-06	2.15E-06	1.88E-05	1.91E-05	1.85E-05	1.79E-05	3.0596E-03
606602.4	4201753.42	48795.87648	0.01097	0.01088	0.06001	0.06146	0.14848	0.14361	2.43E-03	2.28E-06	2.29E-06	2.02E-05	2.06E-05	1.79E-05	1.73E-05	2.5100E-03
606602.68	4201659.79	69418.31253	0.01048	0.01043	0.05563	0.05681	0.15492	0.15028	3.46E-03	2.18E-06	2.19E-06	1.87E-05	1.91E-05	1.87E-05	1.81E-05	3.5350E-03
606602.79	4201495.6	151713.6883	0.01269	0.01267	0.06359	0.06477	0.14888	0.14562	7.55E-03	2.64E-06	2.67E-06	2.14E-05	2.17E-05	1.80E-05	1.75E-05	7.6371E-03
606603.37	4201715.64	55950.08483	0.01041	0.01035	0.05687	0.05815	0.15136	0.14657	2.79E-03	2.16E-06	2.18E-06	1.92E-05	1.95E-05	1.83E-05	1.77E-05	2.8644E-03
606603.82	4201511.7	139143.0269	0.01248	0.01244	0.06293	0.06413	0.15013	0.14671	6.93E-03	2.59E-06	2.62E-06	2.12E-05	2.15E-05	1.81E-05	1.77E-05	7.0110E-03
606608.37	4201529.55	125226.3533	0.01242	0.01236	0.06286	0.06411	0.15015	0.14657	6.23E-03	2.58E-06	2.60E-06	2.12E-05	2.15E-05	1.81E-05	1.77E-05	6.3181E-03
606609.77	4201546.69	114718.3359	0.01227	0.0122	0.06229	0.06357	0.15084	0.14711	5.71E-03	2.55E-06	2.57E-06	2.10E-05	2.13E-05	1.82E-05	1.77E-05	5.7947E-03
606614.31	4201618.42	82354.93441	0.01133	0.01127	0.05832	0.05958	0.15196	0.14768	4.10E-03	2.35E-06	2.37E-06	1.96E-05	2.00E-05	1.83E-05	1.78E-05	4.1806E-03
606618.46	4201447.31	182112.3594	0.01408	0.01415	0.06699	0.06811	0.13956	0.1369	9.07E-03	2.92E-06	2.98E-06	2.26E-05	2.28E-05	1.69E-05	1.65E-05	9.1512E-03
606634.55	4201446.27	169385.2014	0.01449	0.01455	0.06864	0.06982	0.13551	0.13293	8.43E-03	3.01E-06	3.06E-06	2.31E-05	2.34E-05	1.64E-05	1.60E-05	8.5179E-03
606636.58	4201680.62	62146.23394	0.01135	0.01127	0.06022	0.06157	0.14314	0.13884	3.09E-03	2.36E-06	2.37E-06	2.03E-05	2.07E-05	1.73E-05	1.67E-05	3.1737E-03
606636.61	4201495.6	133676.2714	0.01369	0.01367	0.06785	0.06911	0.13936	0.13633	6.66E-03	2.84E-06	2.88E-06	2.29E-05	2.32E-05	1.68E-05	1.64E-05	6.7402E-03
606637.41	4201622.62	77835.3871	0.012	0.01193	0.06161	0.06297	0.14468	0.14057	3.88E-03	2.49E-06	2.51E-06	2.07E-05	2.11E-05	1.75E-05	1.69E-05	3.9564E-03
606637.54	4201662.7	66461.51524	0.01151	0.01144	0.06045	0.0618	0.14372	0.13944	3.31E-03	2.39E-06	2.41E-06	2.04E-05	2.07E-05	1.74E-05	1.68E-05	3.3889E-03
606638.46	4201547.04	105850.679	0.01314	0.01308	0.06648	0.06784	0.14216	0.1387	5.27E-03	2.73E-06	2.75E-06	2.24E-05	2.28E-05	1.72E-05	1.67E-05	5.3543E-03
606638.81	4201564.89	97807.18214	0.01301	0.01295	0.0662	0.0676	0.14278	0.13916	4.87E-03	2.70E-06	2.72E-06	2.23E-05	2.27E-05	1.72E-05	1.68E-05	4.9538E-03
606640.21	4201512.75	122384.5548	0.01357	0.01353	0.06774	0.06904	0.13962	0.13645	6.09E-03	2.82E-06	2.85E-06	2.28E-05	2.32E-05	1.69E-05	1.64E-05	6.1779E-03
606640.21	4201583.08	90287.86326	0.01289	0.01281	0.06583	0.06726	0.14293	0.13917	4.50E-03	2.68E-06	2.69E-06	2.22E-05	2.26E-05	1.73E-05	1.68E-05	4.5792E-03
606640.56	4201604.42	83049.6057	0.01249	0.01242	0.06379	0.0652	0.14351	0.13955	4.13E-03	2.59E-06	2.61E-06	2.15E-05	2.19E-05	1.73E-05	1.68E-05	4.2174E-03
606641.63	4201699.66	57580.93307	0.01148	0.01138	0.06124	0.06263	0.1405	0.13621	2.87E-03	2.38E-06	2.39E-06	2.06E-05	2.10E-05	1.70E-05	1.64E-05	2.9465E-03
606645.02	4201715.16	54261.4635	0.01162	0.01152	0.06217	0.06362	0.13842	0.13415	2.70E-03	2.41E-06	2.42E-06	2.09E-05	2.13E-05	1.67E-05	1.62E-05	2.7814E-03
606646.47	4201734.05	50698.68558	0.01178	0.01166	0.06319	0.0647	0.13656	0.13231	2.52E-03	2.45E-06	2.45E-06	2.13E-05	2.17E-05	1.65E-05	1.59E-05	2.6044E-03
606650.35	4201752.93	47329.68939	0.01208	0.01196	0.0649	0.06649	0.13387	0.12965	2.36E-03	2.51E-06	2.52E-06	2.19E-05	2.23E-05	1.62E-05	1.56E-05	2.4373E-03
606654.84	4201448.01	152946.0318	0.01502	0.01507	0.07097	0.07221	0.13088	0.12838	7.61E-03	3.12E-06	3.17E-06	2.39E-05	2.42E-05	1.58E-05	1.55E-05	7.7002E-03
606671.98	4201445.92	142905.2562	0.01554	0.01559	0.07308	0.07439	0.12681	0.1244	7.11E-03	3.23E-06	3.28E-06	2.46E-05	2.50E-05	1.53E-05	1.50E-05	7.2010E-03
606684.37	4201668.7	60602.59169	0.01316	0.01303	0.06793	0.06954	0.13003	0.12624	3.02E-03	2.73E-06	2.74E-06	2.29E-05	2.33E-05	1.57E-05	1.52E-05	3.0997E-03
606684.48	4201614.96	72648.74158	0.01398	0.01387	0.07148	0.07312	0.13074	0.12722	3.62E-03	2.90E-06	2.92E-06	2.41E-05	2.45E-05	1.58E-05	1.53E-05	3.7024E-03
606688.39	4201702.89	53715.58982	0.01311	0.01298	0.06831	0.06997	0.12722	0.12345	2.67E-03	2.72E-06	2.73E-06	2.30E-05	2.35E-05	1.54E-05	1.49E-05	2.7564E-03
606689.81	4201512.79	103687.8592	0.01528	0.01525	0.07496	0.07643	0.12702	0.12419	5.16E-03	3.17E-06	3.21E-06	2.52E-05	2.56E-05	1.53E-05	1.50E-05	5.2497E-03
606689.81	4201589.3	78685.76771	0.01437	0.01427	0.07287	0.07449	0.12923	0.12592	3.92E-03	2.98E-06	3.00E-06	2.45E-05	2.50E-05	1.56E-05	1.52E-05	4.0037E-03
606689.82	4201446.96	131723.1608	0.01611	0.01616	0.07546	0.07686	0.12298	0.12064	6.56E-03	3.35E-06	3.40E-06	2.54E-05	2.58E-05	1.48E-05	1.45E-05	6.6452E-03
606690.08	4201496.69	109711.1921	0.01551	0.0155	0.07544	0.07689	0.12612	0.1234	5.46E-03	3.22E-06	3.26E-06	2.54E-05	2.58E-05	1.52E-05	1.49E-05	5.5498E-03
606690.29	4201532.16	96599.12415	0.01492	0.01485	0.0741	0.07561	0.12773	0.12476	4.81E-03	3.10E-06	3.12E-06	2.50E-05	2.54E-05	1.54E-05	1.50E-05	4.8962E-03
606692.23	4201548.14	90689.44379	0.01481	0.01473	0.07401	0.07555	0.12775	0.1247	4.52E-03	3.08E-06	3.10E-06	2.49E-05	2.53E-05	1.54E-05	1.50E-05	4.6019E-03
606692.23	4201569.44	84015.77674	0.01461	0.01452	0.07355	0.07514	0.12826	0.12508	4.18E-03	3.03E-06	3.05E-06	2.48E-05	2.52E-05	1.55E-05	1.51E-05	4.2694E-03
606697.33	4201750.03	45708.65891	0.01314	0.01306	0.06998	0.07175	0.12172	0.11805	2.28E-03	2.73E-06	2.75E-06	2.36E-05	2.41E-05	1.47E-05	1.42E-05	2.3577E-03
606705.15	4201666.69	58880.07798	0.01404	0.0139	0.07189	0.07363	0.12461	0.12107	2.93E-03	2.92E-06	2.92E-06	2.42E-05	2.47E-05	1.50E-05	1.46E-05	3.0158E-03
606709.06	4201446.27	121700.0154	0.01684	0.01686	0.07823	0.07967	0.11885	0.1166	6.06E-03	3.50E-06	3.55E-06	2.63E-05	2.67E-05	1.44E-05	1.41E-05	6.1474E-03
606709.18	4201615.93	68797.34764	0.01482	0.01469	0.0752	0.07695	0.12442	0.12111	3.43E-03	3.08E-06	3.09E-06	2.53E-05	2.58E-05	1.50E-05	1.46E-05	3.5120E-03
606709.84	4201695.52	53347.01294	0.01388	0.01375	0.07165	0.07342	0.1222	0.11866	2.66E-03	2.88E-06	2.89E-06	2.41E-05	2.46E-05	1.48E-05	1.43E-05	2.7395E-03
606718.86	4201551.04	83429.12148	0.0157	0.01559	0.0778	0.07947	0.12155	0.11867	4.15E-03	3.26E-06	3.28E-06	2.62E-05	2.67E-05	1.47E-05	1.43E-05	4.2419E-03
606720.09	4201748.57	44790.29624	0.01349	0.01345	0.0722	0.07406	0.11642	0.113	2.23E-03	2.80E-06	2.83E-06	2.43E-05	2.48E-05	1.41E-05	1.36E-05	2.3124E-03
606720.31	4201572.83	77226.54665	0.01563	0.01551	0.07812	0.07985	0.12144	0.11846	3.84E-03	3.25E-06	3.26E-06	2.63E-05	2.68E-05	1.47E-05	1.43E-05	3.9333E-03
606723.22	4201511.82	93467.98098	0.01644	0.01639	0.07992	0.08155	0.11943	0.1168	4.65E-03	3.41E-06	3.45E-06	2.69E-05	2.74E-05	1.44E-05	1.41E-05	4.7430E-03
606724.19	4201533.13	87099.54868	0.01618	0.01609	0.07937	0.08103	0.11994	0.11719	4.34E-03	3.36E-06	3.38E-06	2.67E-05	2.72E-05	1.45E-05	1.41E-05	4.4256E-03
606725.93	4201665.35	57038.11714	0.01482	0.01468	0.07542	0.07728	0.11956	0.11622	2.84E-03	3.08E-06	3.09E-06	2.54E-05	2.59E-05	1.44E-05	1.40E-05	2.9256E-03
606728.64	4201447.31	112103.8432	0.01759	0.01761	0.0813	0.08289	0.11497	0.11279	5.58E-03	3.65E-06	3.70E-06	2.74E-05	2.78E-05	1.39E-05	1.36E-05	5.6712E-03
606730.46	4201491.23	96899.58856	0.01714	0.0171	0.08188	0.08349	0.11687	0.11441	4.82E-03	3.56E-06	3.60E-06	2.76E-05	2.80E-05	1.41E-05	1.38E-05	4.9148E-03
606733.87	4201616.9	65057.42177	0.01576	0.01561	0.07934	0.08122	0.11834	0.11531	3.24E-03	3.27E-06	3.28E-06	2.67E-05	2.72E-05	1.43E-05	1.39E-05	3.3276E-03
606739.34	4201697.53	50742.26165	0.01468	0.0146	0.07565	0.07756	0.11522	0.11195	2.53E-03	3.05E-06	3.07E-06	2.55E-05	2.60E-05	1.39E-05	1.35E-05	2.6113E-03
606745.08	4201446.96	105625.1657	0.0182	0.01819	0.08381	0.08552	0.11186	0.10974	5.26E-03	3.78E-06	3.83E-06	2.82E-05	2.87E-05	1.35E-05	1.32E-05	5.3499E-03
606748.4	4201588.33	68354.68691	0.01684	0.01671	0.08424	0.08616	0.11503	0.11218	3.40E-03	3.50E-06	3.52E-06	2.84E-05	2.89E-05	1.39E-05	1.35E-05	3.4948E-03
606749.39	4201666.02	54650.48942	0.01558	0.01546	0.07895	0.08094	0.11423	0.11106	2.72E-03	3.24E-06	3.25E-06	2.66E-05	2.71E-05	1.38E-05	1.34E-05	2.8082E-03
606749.63	4201747.12	43450.35465	0.01342	0.01347	0.07386	0.07576	0.10996	0.10683	2.16E-03	2.79E-06	2.83E-06	2.49E-05	2.54E-05	1.33E-05	1.29E-05	2.2453E-03
606760.02	4201616.9	61388.12249	0.01687	0.01672	0.08463	0.08667	0.1124	0.10953	3.06E-03	3.50E-06	3.52E-06	2.85E-05	2.91E-05	1.36E-05	1.32E-05	3.1476E-03
606763.47	4201701.55	48369.03688	0.01508	0.01506	0.07847	0.08049	0.10985	0.10677	2.41E-03	3.13E-06	3.17E-06	2.64E-05	2.70E-05	1.33E-05	1.29E-05	2.4939E-03
606764.67	4201449.41	97817.40832	0.01893	0.01891	0.08704	0.08887	0.10844	0.10638	4.87E-03	3.93E-06	3.98E-06	2.93E-05	2.98E-05	1.31E-05	1.28E-05	4.9628E-03
606772.85	4201664.68	52633.95723	0.01629	0.01621	0.0825	0.08465	0.10933	0.10635	2.62E-03	3.38E-06	3.41E-06	2.78E-05	2.84E-05	1.32E-05	1.28E-05	2.7094E-03
606773.36	4201751.96	41040.15856	0.01284	0.01296	0.07486	0.07681	0.10458	0.10167	2.04E-03	2.67E-06	2.73E-06	2.52E-05	2.58E-05	1.26E-05	1.23E-05	2.1245E-03
606774.54	4201498.02	81933.64074	0.01902	0.01894	0.0899	0.09192	0.10823	0.10595	4.08E-03	3.95E-06	3.98E-06	3.03E-05	3.08E-05	1.31E-05	1.28E-05	4.1740E-03
606774.54	4201515.11	78851.09817	0.01861	0.0185	0.08917	0.09104	0.10899	0.10662	3.93E-03	3.86E-06	3.89E-06	3.00E-05	3.05E-05	1.32E-05	1.28E-05	4.0200E-03
606776.24	4201532.76	75033.90178	0.01832	0.0182	0.08844	0.09047	0.10916	0.10671	3.74E-03	3.80E-06	3.83E-06	2.98E-05	3.03E-05	1.32E-05	1.29E-05	3.8294E-03
606777.77	4201572.87	66461.94562	0.01823	0.0181	0.09019	0.09215	0.10895	0.10635	3.31E-03	3.79E-06	3.81E-06	3.04E-05	3.09E-05	1.32E-05	1.28E-05	3.4037E-03
606781.11	4201450.46	92264.56371	0.01957	0.01953	0.08984	0.09172	0.10565	0.10365	4.59E-03	4.06E-06	4.11E-06	3.03E-05	3.08E-05	1.28E-05	1.25E-05	4.6879E-03
606781.63	4201550.27	70204.3779	0.01852	0.0184	0.09031	0.09236	0.1082	0.10571	3.50E-03	3.85E-06	3.87E-06	3.04E-05	3.10E-05	1.31E-05	1.27E-05	3.5901E-03
606784.71	4201619.32	57900.14577	0.01774	0.01762	0.08868	0.0909	0.10738	0.10467	2.88E-03	3.68E-06	3.71E-06	2.99E-05	3.05E-05	1.30E-05	1.26E-05	2.9759E-03
606788.27	4201705.57	46062.47755	0.01526	0.01532	0.08129	0.08342	0.10469	0.10182	2.29E-03	3.17E-06	3.22E-06	2.74E-05	2.80E-05	1.26E-05	1.23E-05	2.3799E-03
606796.31	4201667.36	50124.37495	0.0168	0.0168	0.08589	0.08817	0.10463	0.10185	2.50E-03	3.49E-06	3.53E-06	2.89E-05	2.96E-05	1.26E-05	1.23E-05	2.5859E-03
606800	4201757.78	38664.84678	0.01253	0.01266	0.07786	0.07992	0.09896	0.09629	1.92E-03	2.60E-06	2.66E-06	2.62E-05	2.68E-05	1.19E-05	1.16E-05	2.0068E-03
606800.7	4201451.51	86254.88275	0.02041	0.02034	0.09344	0.09542	0.10243	0.10049	4.29E-03	4.24E-06	4.28E-06	3.15E-05	3.20E-05	1.24E-05	1.21E-05	4.3907E-03
606805.3	4201504.85	73253.7493	0.02039	0.02027	0.09626	0.09848	0.10278	0.10061	3.65E-03	4.23E-06	4.26E-06	3.24E-05	3.30E-05	1.24E-05	1.21E-05	3.7455E-03
606806.99	4201621.74	54976.44506	0.01843	0.01835	0.09211	0.09451	0.10315	0.10058	2.74E-03	3.83E-06	3.86E-06	3.10E-05	3.17E-05	1.25E-05	1.21E-05	2.8320E-03
606808.1	4201568.11	62445.67135	0.0196	0.01948	0.09624	0.09848	0.10322	0.10081	3.11E-03	4.07E-06	4.10E-06	3.24E-05	3.30E-05	1.25E-05	1.21E-05	3.2071E-03
606815.75	4201713.62	43224.172	0.01522	0.01534	0.08487	0.08717	0.09914	0.09649	2.15E-03	3.16E-06	3.23E-06	2.86E-05	2.92E-05	1.20E-05	1.16E-05	2.2397E-03
606818.19	4201452.56	81325.03527	0.02123	0.02115	0.0969	0.09899	0.09966	0.09777	4.05E-03	4.41E-06	4.45E-06	3.26E-05	3.32E-05	1.20E-05	1.18E-05	4.1473E-03
606818.4	4201543.59	64545.18635	0.02051	0.0204	0.09873	0.10106	0.10124	0.09897	3.21E-03	4.26E-06	4.29E-06	3.33E-05	3.39E-05	1.22E-05	1.19E-05	3.3133E-03
606820.45	4201672.06	47450.79084	0.01715	0.01722	0.08953	0.09198	0.10004	0.09739	2.36E-03	3.56E-06	3.62E-06	3.02E-05	3.09E-05	1.21E-05	1.17E-05	2.4544E-03
606822.76	4201767.46	36410.67437	0.01251	0.01257	0.08146	0.0837	0.09432	0.09183	1.81E-03	2.60E-06	2.64E-06	2.74E-05	2.81E-05	1.14E-05	1.11E-05	1.8959E-03
606823.52	4201500.3	70261.30198	0.02134	0.02122	0.10016	0.10247	0.09957	0.0975	3.50E-03	4.43E-06	4.46E-06	3.37E-05	3.44E-05	1.20E-05	1.18E-05	3.5988E-03
606827.42	4201586.84	57121.12385	0.01998	0.01991	0.099	0.10153	0.09982	0.09746	2.84E-03	4.15E-06	4.19E-06	3.33E-05	3.41E-05	1.21E-05	1.17E-05	2.9433E-03
606829.21	4201623.71	52301.39822	0.01905	0.01903	0.09568	0.09827	0.09924	0.0968	2.60E-03	3.96E-06	4.00E-06	3.22E-05	3.30E-05	1.20E-05	1.17E-05	2.7006E-03
606836.03	4201452.56	76912.24399	0.02215	0.02204	0.1006	0.10286	0.0969	0.09506	3.83E-03	4.60E-06	4.64E-06	3.39E-05	3.45E-05	1.17E-05	1.15E-05	3.9299E-03
606838.55	4201678.09	45287.20152	0.01726	0.01738	0.09249	0.09507	0.09666	0.09415	2.25E-03	3.58E-06	3.66E-06	3.11E-05	3.19E-05	1.17E-05	1.13E-05	2.3479E-03
606839.22	4201718.98	41111.54246	0.01533	0.01546	0.08889	0.09137	0.0948	0.0923	2.05E-03	3.18E-06	3.25E-06	2.99E-05	3.06E-05	1.14E-05	1.11E-05	2.1364E-03
606840.61	4201535.61	62092.4323	0.02169	0.02159	0.10369	0.10628	0.09744	0.0953	3.09E-03	4.50E-06	4.54E-06	3.49E-05	3.56E-05	1.18E-05	1.15E-05	3.1942E-03
606848.02	4201501.43	65468.20188	0.02261	0.02249	0.10582	0.10834	0.09567	0.09369	3.26E-03	4.70E-06	4.73E-06	3.56E-05	3.63E-05	1.16E-05	1.13E-05	3.3636E-03
606848.84	4201591.3	53938.76969	0.02064	0.02062	0.10272	0.10548	0.09623	0.09397	2.69E-03	4.29E-06	4.34E-06	3.46E-05	3.54E-05	1.16E-05	1.13E-05	2.7869E-03
606849.73	4201627.88	49706.19407	0.01946	0.01951	0.09904	0.10181	0.09583	0.0935	2.47E-03	4.04E-06	4.10E-06	3.34E-05	3.41E-05	1.16E-05	1.13E-05	2.5731E-03
606852.3	4201771.34	34674.89977	0.01303	0.013	0.0869	0.08937	0.08934	0.08704	1.73E-03	2.71E-06	2.73E-06	2.93E-05	3.00E-05	1.08E-05	1.05E-05	1.8123E-03
606854.57	4201452.21	72700.10239	0.02321	0.02309	0.10489	0.10726	0.0941	0.09233	3.62E-03	4.82E-06	4.86E-06	3.53E-05	3.60E-05	1.14E-05	1.11E-05	3.7229E-03
606859.41	4201535.04	59301.59331	0.02261	0.02254	0.10807	0.11089	0.09446	0.09241	2.95E-03	4.70E-06	4.74E-06	3.64E-05	3.72E-05	1.14E-05	1.11E-05	3.0579E-03
606861.34	4201681.44	43143.85009	0.01763	0.01778	0.09735	0.10014	0.09274	0.09035	2.15E-03	3.66E-06	3.74E-06	3.28E-05	3.36E-05	1.12E-05	1.09E-05	2.2438E-03
606866.7	4201722.33	39061.86864	0.01571	0.01579	0.09424	0.09694	0.09019	0.08788	1.94E-03	3.26E-06	3.32E-06	3.17E-05	3.25E-05	1.09E-05	1.06E-05	2.0370E-03
606867.39	4201504.28	61771.74331	0.02362	0.02351	0.11068	0.1134	0.09278	0.09086	3.08E-03	4.90E-06	4.95E-06	3.73E-05	3.80E-05	1.12E-05	1.10E-05	3.1827E-03
606867.57	4201584.76	52500.80569	0.02147	0.02149	0.10694	0.10989	0.09331	0.09116	2.61E-03	4.46E-06	4.52E-06	3.60E-05	3.69E-05	1.13E-05	1.10E-05	2.7179E-03
606873.22	4201634.72	46701.75843	0.01983	0.01996	0.10371	0.1067	0.09199	0.08978	2.33E-03	4.12E-06	4.20E-06	3.49E-05	3.58E-05	1.11E-05	1.08E-05	2.4260E-03
606875.9	4201452.56	67996.1723	0.02472	0.02459	0.11081	0.11344	0.09096	0.08926	3.39E-03	5.13E-06	5.17E-06	3.73E-05	3.80E-05	1.10E-05	1.08E-05	3.4926E-03
606876.03	4201770.85	33786.52642	0.01367	0.01364	0.09188	0.09454	0.08585	0.08369	1.68E-03	2.84E-06	2.87E-06	3.09E-05	3.17E-05	1.04E-05	1.01E-05	1.7709E-03
606876.75	4201686.8	41473.8995	0.01785	0.018	0.10108	0.10402	0.09009	0.08779	2.06E-03	3.71E-06	3.79E-06	3.40E-05	3.49E-05	1.09E-05	1.06E-05	2.1627E-03
606879.35	4201540.17	55947.56026	0.02337	0.02333	0.11258	0.11551	0.09153	0.08954	2.79E-03	4.85E-06	4.91E-06	3.79E-05	3.87E-05	1.11E-05	1.08E-05	2.8936E-03
606884.47	4201502.57	59252.47883	0.0246	0.02452	0.11529	0.11818	0.09025	0.08841	2.95E-03	5.11E-06	5.16E-06	3.88E-05	3.96E-05	1.09E-05	1.07E-05	3.0602E-03
606889.49	4201720.32	37832.22335	0.01642	0.01649	0.09988	0.1028	0.08683	0.08465	1.88E-03	3.41E-06	3.47E-06	3.36E-05	3.45E-05	1.05E-05	1.02E-05	1.9792E-03
606891.36	4201599.33	48385.87219	0.02174	0.02186	0.11094	0.11416	0.08956	0.08749	2.41E-03	4.51E-06	4.60E-06	3.74E-05	3.83E-05	1.08E-05	1.05E-05	2.5150E-03
606892.25	4201637.1	44645.50831	0.02046	0.02064	0.11009	0.11336	0.08877	0.08665	2.22E-03	4.25E-06	4.34E-06	3.71E-05	3.80E-05	1.07E-05	1.04E-05	2.3276E-03
606892.34	4201453.96	64431.97867	0.02597	0.02586	0.11619	0.11897	0.08861	0.08695	3.21E-03	5.39E-06	5.44E-06	3.91E-05	3.99E-05	1.07E-05	1.05E-05	3.3188E-03
606897.31	4201583.27	49357.7499	0.02247	0.02259	0.11325	0.11652	0.08889	0.08688	2.46E-03	4.67E-06	4.75E-06	3.81E-05	3.91E-05	1.07E-05	1.05E-05	2.5652E-03
606898.2	4201691.5	39507.96848	0.01839	0.01855	0.10748	0.1107	0.08664	0.08448	1.97E-03	3.82E-06	3.90E-06	3.62E-05	3.71E-05	1.05E-05	1.02E-05	2.0686E-03
606900.73	4201772.79	32639.74406	0.01432	0.01439	0.0979	0.10078	0.08235	0.08032	1.62E-03	2.97E-06	3.03E-06	3.30E-05	3.38E-05	9.94E-06	9.68E-06	1.7174E-03
606902.13	4201544.16	52687.14508	0.02408	0.02411	0.11749	0.12066	0.08833	0.08643	2.62E-03	5.00E-06	5.07E-06	3.96E-05	4.05E-05	1.07E-05	1.04E-05	2.7343E-03
606905.55	4201522.51	54247.03099	0.02523	0.02525	0.12061	0.12391	0.08763	0.08579	2.70E-03	5.24E-06	5.31E-06	4.06E-05	4.16E-05	1.06E-05	1.03E-05	2.8144E-03
606912.96	4201504.85	54837.60957	0.02615	0.02615	0.12379	0.12704	0.08633	0.08457	2.73E-03	5.43E-06	5.50E-06	4.17E-05	4.26E-05	1.04E-05	1.02E-05	2.8460E-03
606914.38	4201456.76	59992.96126	0.02748	0.02739	0.12366	0.12672	0.0856	0.084	2.99E-03	5.71E-06	5.76E-06	4.16E-05	4.25E-05	1.03E-05	1.01E-05	3.1029E-03
606922.34	4201725.01	35561.86108	0.01687	0.01701	0.10714	0.11035	0.082	0.07999	1.77E-03	3.50E-06	3.58E-06	3.61E-05	3.70E-05	9.90E-06	9.64E-06	1.8702E-03
606923.68	4201691.5	37763.65151	0.01911	0.01933	0.11582	0.11943	0.08298	0.08096	1.88E-03	3.97E-06	4.07E-06	3.90E-05	4.01E-05	1.00E-05	9.76E-06	1.9870E-03
606925.43	4201770.37	31850.7631	0.01485	0.01508	0.10454	0.10767	0.07929	0.07737	1.59E-03	3.08E-06	3.17E-06	3.52E-05	3.61E-05	9.57E-06	9.32E-06	1.6822E-03
606932.92	4201460.96	56504.64716	0.02863	0.0286	0.13014	0.13348	0.08324	0.08168	2.81E-03	5.95E-06	6.02E-06	4.38E-05	4.48E-05	1.01E-05	9.84E-06	2.9336E-03
606935.74	4201641.22	40436.1121	0.02184	0.02215	0.12855	0.13266	0.08227	0.08036	2.01E-03	4.54E-06	4.66E-06	4.33E-05	4.45E-05	9.93E-06	9.68E-06	2.1297E-03
606940.44	4201723.67	34640.09603	0.01731	0.01755	0.11262	0.11609	0.07967	0.07775	1.72E-03	3.59E-06	3.69E-06	3.79E-05	3.89E-05	9.62E-06	9.37E-06	1.8277E-03
606941.11	4201611.06	42410.47868	0.02307	0.02338	0.12955	0.13369	0.08224	0.08038	2.11E-03	4.79E-06	4.92E-06	4.36E-05	4.48E-05	9.93E-06	9.69E-06	2.2292E-03
606942.45	4201591.62	43949.67469	0.02372	0.02401	0.12828	0.13234	0.08246	0.08063	2.19E-03	4.93E-06	5.05E-06	4.32E-05	4.44E-05	9.96E-06	9.72E-06	2.3053E-03
606947.14	4201691.5	36259.07318	0.01957	0.01988	0.12339	0.12741	0.07986	0.07793	1.81E-03	4.06E-06	4.18E-06	4.16E-05	4.27E-05	9.64E-06	9.39E-06	1.9168E-03
606947.26	4201548.33	47197.1322	0.02549	0.02572	0.12883	0.13277	0.08234	0.0806	2.35E-03	5.29E-06	5.41E-06	4.34E-05	4.45E-05	9.94E-06	9.71E-06	2.4680E-03
606948.68	4201774.24	30772.51821	0.01503	0.01541	0.11206	0.11554	0.07631	0.07449	1.53E-03	3.12E-06	3.24E-06	3.77E-05	3.88E-05	9.21E-06	8.98E-06	1.6331E-03
606951.81	4201517.55	49037.70116	0.02766	0.02786	0.13548	0.13944	0.08159	0.07993	2.44E-03	5.74E-06	5.86E-06	4.56E-05	4.68E-05	9.85E-06	9.63E-06	2.5649E-03
606952.5	4201465.5	53199.06021	0.02979	0.02984	0.13756	0.14123	0.08087	0.07934	2.65E-03	6.19E-06	6.28E-06	4.63E-05	4.74E-05	9.77E-06	9.56E-06	2.7740E-03
606957.19	4201638.54	39014.41903	0.02236	0.02273	0.13595	0.1405	0.07956	0.07774	1.94E-03	4.64E-06	4.78E-06	4.58E-05	4.71E-05	9.61E-06	9.37E-06	2.0637E-03
606965.8	4201551.48	45023.16951	0.02597	0.02629	0.13496	0.13925	0.08	0.07831	2.24E-03	5.39E-06	5.53E-06	4.55E-05	4.67E-05	9.66E-06	9.44E-06	2.3637E-03
606967.25	4201725.68	33070.35776	0.01741	0.01782	0.12065	0.12455	0.07625	0.07445	1.65E-03	3.62E-06	3.75E-06	4.06E-05	4.18E-05	9.21E-06	8.97E-06	1.7544E-03
606969.26	4201597.65	41062.50378	0.02426	0.02465	0.13912	0.14379	0.07891	0.07718	2.04E-03	5.04E-06	5.19E-06	4.69E-05	4.82E-05	9.53E-06	9.30E-06	2.1685E-03
606970	4201519.99	46918.98099	0.02805	0.02834	0.14103	0.14512	0.07947	0.07786	2.34E-03	5.82E-06	5.96E-06	4.75E-05	4.87E-05	9.60E-06	9.38E-06	2.4628E-03
606973.28	4201692.84	34582.26636	0.01986	0.02027	0.13269	0.13725	0.07654	0.07473	1.72E-03	4.12E-06	4.26E-06	4.47E-05	4.60E-05	9.24E-06	9.01E-06	1.8391E-03
606974.19	4201467.6	50154.70317	0.03111	0.03128	0.14665	0.15078	0.07833	0.07686	2.50E-03	6.46E-06	6.58E-06	4.94E-05	5.06E-05	9.46E-06	9.26E-06	2.6287E-03
606981.54	4201556.73	43101.44053	0.02619	0.0266	0.14063	0.14526	0.07805	0.07641	2.15E-03	5.44E-06	5.60E-06	4.74E-05	4.87E-05	9.42E-06	9.21E-06	2.2716E-03
606983.34	4201639.21	37095.82324	0.0228	0.02322	0.14597	0.15117	0.07635	0.07464	1.85E-03	4.73E-06	4.88E-06	4.92E-05	5.07E-05	9.22E-06	9.00E-06	1.9745E-03
606986.02	4201605.69	39113.70576	0.02433	0.02478	0.14672	0.15184	0.07673	0.07505	1.95E-03	5.05E-06	5.21E-06	4.94E-05	5.09E-05	9.27E-06	9.04E-06	2.0762E-03
606989.24	4201523.49	44687.61345	0.02847	0.02888	0.14777	0.15247	0.07724	0.07568	2.22E-03	5.91E-06	6.08E-06	4.98E-05	5.11E-05	9.33E-06	9.12E-06	2.3561E-03
606994.48	4201473.2	47202.61995	0.03202	0.03234	0.15625	0.16081	0.07602	0.07459	2.35E-03	6.65E-06	6.80E-06	5.26E-05	5.39E-05	9.18E-06	8.99E-06	2.4882E-03
606994.73	4201727.69	31556.6294	0.01722	0.0177	0.12976	0.13418	0.07297	0.07129	1.57E-03	3.58E-06	3.72E-06	4.37E-05	4.50E-05	8.81E-06	8.59E-06	1.6845E-03
606995.17	4201774.24	29022.8452	0.01507	0.01545	0.12866	0.133	0.07106	0.06944	1.44E-03	3.13E-06	3.25E-06	4.33E-05	4.46E-05	8.58E-06	8.37E-06	1.5562E-03
606999.43	4201694.18	33009.17011	0.01996	0.02044	0.14285	0.14806	0.07343	0.07174	1.64E-03	4.14E-06	4.30E-06	4.81E-05	4.97E-05	8.87E-06	8.65E-06	1.7671E-03
607000.43	4201559.18	41242.05036	0.0265	0.027	0.14717	0.15228	0.07585	0.07427	2.05E-03	5.50E-06	5.68E-06	4.96E-05	5.11E-05	9.16E-06	8.95E-06	2.1832E-03
607006.13	4201605.69	37562.76432	0.02481	0.0253	0.15648	0.1622	0.07438	0.07277	1.87E-03	5.15E-06	5.32E-06	5.27E-05	5.44E-05	8.98E-06	8.77E-06	2.0054E-03
607006.8	4201642.56	35315.63772	0.02304	0.0235	0.15618	0.16208	0.07357	0.07194	1.76E-03	4.78E-06	4.94E-06	5.26E-05	5.44E-05	8.88E-06	8.67E-06	1.8925E-03
607008.48	4201525.94	42648.11828	0.02895	0.02946	0.15601	0.1612	0.07507	0.07357	2.12E-03	6.01E-06	6.20E-06	5.25E-05	5.41E-05	9.06E-06	8.87E-06	2.2600E-03

607012.32	4201474.6	45174.49367	0.03295	0.03341	0.16568	0.1708	0.07412	0.07273	2.25E-03	6.84E-06	7.03E-06	5.58E-05	5.73E-05	8.95E-06	8.77E-06	2.3937E-03
607016.85	4201734.4	30141.18159	0.01679	0.0172	0.13781	0.14271	0.0703	0.06871	1.50E-03	3.49E-06	3.62E-06	4.64E-05	4.79E-05	8.49E-06	8.28E-06	1.6188E-03
607018.28	4201564.42	39384.88582	0.02662	0.0272	0.1551	0.16075	0.07379	0.07226	1.96E-03	5.53E-06	5.72E-06	5.22E-05	5.39E-05	8.91E-06	8.71E-06	2.0958E-03
607019.38	4201778.6	27840.16781	0.01516	0.01542	0.13973	0.1447	0.06838	0.06685	1.39E-03	3.15E-06	3.24E-06	4.71E-05	4.85E-05	8.26E-06	8.06E-06	1.5043E-03
607022.22	4201611.73	35932.35253	0.02514	0.02567	0.1689	0.17517	0.07237	0.07081	1.79E-03	5.22E-06	5.40E-06	5.69E-05	5.88E-05	8.74E-06	8.53E-06	1.9324E-03
607024.22	4201530.14	40939.21116	0.02915	0.02975	0.16334	0.16907	0.07334	0.07188	2.04E-03	6.05E-06	6.26E-06	5.50E-05	5.67E-05	8.86E-06	8.66E-06	2.1797E-03
607024.23	4201700.21	31376.87015	0.01968	0.02015	0.15255	0.15841	0.07055	0.06896	1.56E-03	4.09E-06	4.24E-06	5.14E-05	5.31E-05	8.52E-06	8.31E-06	1.6918E-03
607026.25	4202541.14	8034.09101	0.00835	0.00839	1.18461	1.42918	0.03902	0.03834	4.00E-04	1.73E-06	1.77E-06	3.99E-04	4.79E-04	4.71E-06	4.62E-06	1.2911E-03
607027.58	4201648.59	33693.33239	0.02304	0.0235	0.16542	0.17204	0.07118	0.06962	1.68E-03	4.78E-06	4.94E-06	5.57E-05	5.77E-05	8.59E-06	8.39E-06	1.8176E-03
607027.66	4202519.84	8270.39061	0.00854	0.00858	1.11494	1.37262	0.03972	0.03902	4.12E-04	1.77E-06	1.80E-06	3.75E-04	4.60E-04	4.80E-06	4.70E-06	1.2607E-03
607028.76	4201479.84	43155.79214	0.03345	0.03405	0.17529	0.18093	0.07244	0.07108	2.15E-03	6.95E-06	7.16E-06	5.90E-05	6.07E-05	8.75E-06	8.57E-06	2.2997E-03
607029.94	4202561.66	7809.38407	0.00821	0.00825	1.31202	1.62804	0.03818	0.03752	3.89E-04	1.70E-06	1.74E-06	4.42E-04	5.46E-04	4.61E-06	4.52E-06	1.3893E-03
607034.05	4202579.72	7623.12434	0.00811	0.00814	1.41626	1.83886	0.03744	0.0368	3.80E-04	1.68E-06	1.71E-06	4.77E-04	6.17E-04	4.52E-06	4.44E-06	1.4856E-03
607037.52	4201565.47	37802.31478	0.02687	0.02753	0.16412	0.17039	0.07171	0.07024	1.88E-03	5.58E-06	5.79E-06	5.53E-05	5.72E-05	8.66E-06	8.47E-06	2.0229E-03
607039.63	4202508.96	8379.2563	0.00872	0.00876	1.28314	1.68238	0.03968	0.03898	4.17E-04	1.81E-06	1.84E-06	4.32E-04	5.64E-04	4.79E-06	4.70E-06	1.4267E-03
607040.32	4201615.75	34354.81668	0.02541	0.02597	0.18359	0.19094	0.07022	0.06872	1.71E-03	5.28E-06	5.46E-06	6.18E-05	6.40E-05	8.48E-06	8.28E-06	1.8638E-03
607040.61	4202600.65	7416.67062	0.008	0.00804	1.57615	2.16727	0.03655	0.03594	3.69E-04	1.66E-06	1.69E-06	5.31E-04	7.27E-04	4.41E-06	4.33E-06	1.6391E-03
607042.07	4201533.29	39192.69712	0.02953	0.0302	0.17372	0.18005	0.07142	0.07001	1.95E-03	6.13E-06	6.35E-06	5.85E-05	6.04E-05	8.62E-06	8.44E-06	2.0997E-03
607044.32	4202654.11	6954.13502	0.0077	0.00774	1.17884	1.65085	0.03481	0.03425	3.46E-04	1.60E-06	1.63E-06	3.97E-04	5.54E-04	4.20E-06	4.13E-06	1.3085E-03
607044.34	4201706.91	30062.22505	0.01935	0.01973	0.16075	0.16718	0.06828	0.06676	1.50E-03	4.02E-06	4.15E-06	5.41E-05	5.61E-05	8.24E-06	8.05E-06	1.6313E-03
607044.34	4201729.71	29102.80955	0.01726	0.01755	0.15117	0.15692	0.06764	0.06613	1.45E-03	3.58E-06	3.69E-06	5.09E-05	5.26E-05	8.17E-06	7.97E-06	1.5759E-03
607044.57	4201783.93	26640.73805	0.01535	0.0155	0.15256	0.1583	0.06572	0.06427	1.33E-03	3.19E-06	3.26E-06	5.14E-05	5.31E-05	7.94E-06	7.75E-06	1.4529E-03
607047.25	4202491.54	8576.3468	0.00894	0.00898	1.29143	1.75739	0.04002	0.0393	4.27E-04	1.86E-06	1.89E-06	4.35E-04	5.89E-04	4.83E-06	4.74E-06	1.4647E-03
607048.02	4202674.63	6787.43108	0.00761	0.00764	0.99094	1.42595	0.03409	0.03356	3.38E-04	1.58E-06	1.61E-06	3.34E-04	4.78E-04	4.12E-06	4.04E-06	1.1613E-03
607050.37	4201654.63	32062.64562	0.02306	0.0235	0.17724	0.18477	0.06868	0.06719	1.60E-03	4.79E-06	4.94E-06	5.97E-05	6.20E-05	8.29E-06	8.10E-06	1.7440E-03
607052.12	4202692.69	6644.85564	0.00753	0.00756	0.80743	1.1978	0.03345	0.03293	3.31E-04	1.56E-06	1.59E-06	2.72E-04	4.02E-04	4.04E-06	3.97E-06	1.0157E-03
607053.24	4201471.1	41376.90468	0.03528	0.03607	0.19217	0.19873	0.06998	0.0687	2.06E-03	7.33E-06	7.59E-06	6.47E-05	6.67E-05	8.45E-06	8.28E-06	2.2230E-03
607054.99	4201488.59	40204.47998	0.03397	0.03477	0.19273	0.19948	0.06984	0.06853	2.00E-03	7.05E-06	7.31E-06	6.49E-05	6.69E-05	8.43E-06	8.26E-06	2.1645E-03
607055.01	4201570.37	36195.60366	0.02696	0.02766	0.17491	0.18193	0.06982	0.0684	1.80E-03	5.60E-06	5.82E-06	5.89E-05	6.10E-05	8.43E-06	8.24E-06	1.9500E-03
607055.96	4202475.22	8766.82141	0.00916	0.0092	1.32754	1.84232	0.04027	0.03955	4.36E-04	1.90E-06	1.94E-06	4.47E-04	6.18E-04	4.86E-06	4.77E-06	1.5150E-03
607057.74	4201619.77	32974.20381	0.02555	0.02608	0.19715	0.20532	0.06828	0.06684	1.64E-03	5.31E-06	5.49E-06	6.64E-05	6.89E-05	8.24E-06	8.06E-06	1.8040E-03
607058.69	4202713.61	6484.99433	0.00745	0.00748	0.61933	0.92444	0.03267	0.03217	3.23E-04	1.55E-06	1.57E-06	2.09E-04	3.10E-04	3.94E-06	3.88E-06	8.5245E-04
607058.84	4201453.26	41940.67071	0.03709	0.03791	0.19744	0.20418	0.06941	0.06817	2.09E-03	7.70E-06	7.98E-06	6.65E-05	6.85E-05	8.38E-06	8.22E-06	2.2553E-03
607061.31	4201537.14	37411.35571	0.02988	0.03059	0.18621	0.19337	0.06943	0.06806	1.86E-03	6.20E-06	6.44E-06	6.27E-05	6.49E-05	8.38E-06	8.20E-06	2.0193E-03
607067.8	4201707.58	28892.80516	0.01977	0.02006	0.17576	0.1833	0.06592	0.06446	1.44E-03	4.11E-06	4.22E-06	5.92E-05	6.15E-05	7.96E-06	7.77E-06	1.5832E-03
607070.72	4201786.83	25574.69047	0.01579	0.0159	0.16803	0.1748	0.0632	0.06184	1.27E-03	3.28E-06	3.34E-06	5.66E-05	5.86E-05	7.63E-06	7.45E-06	1.4102E-03
607071.8	4201574.57	34741.62348	0.02755	0.02818	0.18881	0.19677	0.06804	0.06666	1.73E-03	5.72E-06	5.93E-06	6.36E-05	6.60E-05	8.22E-06	8.03E-06	1.8871E-03
607073.16	4201742.44	27291.14823	0.01738	0.01754	0.16829	0.17519	0.06444	0.06304	1.36E-03	3.61E-06	3.69E-06	5.67E-05	5.88E-05	7.78E-06	7.60E-06	1.4968E-03
607076.51	4201655.3	30566.42021	0.02366	0.02411	0.19624	0.20527	0.06606	0.06465	1.52E-03	4.91E-06	5.07E-06	6.61E-05	6.89E-05	7.98E-06	7.79E-06	1.6825E-03
607078.53	4201622.45	31616.42277	0.02591	0.02641	0.21295	0.22243	0.0662	0.06481	1.57E-03	5.38E-06	5.56E-06	7.17E-05	7.46E-05	7.99E-06	7.81E-06	1.7471E-03
607078.8	4201540.99	35869.51328	0.03021	0.03094	0.19951	0.20759	0.06767	0.06634	1.79E-03	6.27E-06	6.51E-06	6.72E-05	6.96E-05	8.17E-06	8.00E-06	1.9516E-03
607079.65	4202427.69	9384.75898	0.0096	0.00964	1.11107	1.55236	0.04107	0.04033	4.67E-04	1.99E-06	2.03E-06	3.74E-04	5.21E-04	4.96E-06	4.86E-06	1.3759E-03
607081.85	4201948.62	18996.41524	0.01559	0.01571	0.2593	0.27479	0.0563	0.05509	9.46E-04	3.24E-06	3.30E-06	8.73E-05	9.22E-05	6.80E-06	6.64E-06	1.1452E-03
607081.85	4201998.62	17714.08423	0.01383	0.01392	0.24452	0.26162	0.05488	0.05372	8.82E-04	2.87E-06	2.93E-06	8.24E-05	8.78E-05	6.63E-06	6.47E-06	1.0709E-03
607081.85	4202048.62	16422.90443	0.01268	0.01276	0.23911	0.25636	0.05329	0.05219	8.18E-04	2.63E-06	2.68E-06	8.05E-05	8.60E-05	6.43E-06	6.29E-06	1.0022E-03
607081.85	4202098.62	15253.57965	0.01166	0.01172	0.23538	0.25116	0.0517	0.05064	7.59E-04	2.42E-06	2.47E-06	7.93E-05	8.42E-05	6.24E-06	6.10E-06	9.4016E-04
607081.85	4202148.62	14129.14115	0.01108	0.01115	0.25661	0.27388	0.04999	0.04898	7.03E-04	2.30E-06	2.35E-06	8.64E-05	9.19E-05	6.04E-06	5.90E-06	8.9830E-04
607081.85	4202198.62	13057.00804	0.01088	0.01095	0.31477	0.33806	0.04823	0.04727	6.50E-04	2.26E-06	2.30E-06	1.06E-04	1.13E-04	5.82E-06	5.70E-06	8.8553E-04
607081.85	4202248.62	12039.96531	0.01085	0.01091	0.41559	0.45098	0.04645	0.04554	5.99E-04	2.25E-06	2.30E-06	1.40E-04	1.51E-04	5.61E-06	5.49E-06	9.0629E-04
607081.85	4202298.62	11213.77371	0.01042	0.01048	0.52744	0.58547	0.04489	0.04403	5.58E-04	2.16E-06	2.20E-06	1.78E-04	1.96E-04	5.42E-06	5.31E-06	9.4739E-04
607081.85	4202348.62	10500.77713	0.00983	0.00989	0.66595	0.77575	0.04343	0.04262	5.23E-04	2.04E-06	2.08E-06	2.24E-04	2.60E-04	5.24E-06	5.14E-06	1.0218E-03
607081.85	4202398.62	9799.02292	0.00964	0.00969	0.87182	1.09768	0.04194	0.04118	4.88E-04	2.00E-06	2.04E-06	2.94E-04	3.68E-04	5.06E-06	4.96E-06	1.1637E-03
607081.85	4202448.62	9079.96224	0.00959	0.00963	1.52715	2.43834	0.04025	0.03954	4.52E-04	1.99E-06	2.03E-06	5.14E-04	8.18E-04	4.86E-06	4.77E-06	1.7979E-03
607081.85	4202498.62	8402.20288	0.00911	0.00915	3.63524	2.9109	0.03845	0.03778	4.18E-04	1.89E-06	1.92E-06	1.22E-03	9.76E-04	4.64E-06	4.55E-06	2.6320E-03
607081.85	4202548.62	7856.56948	0.00866	0.0087	2.38887	5.19998	0.03687	0.03625	3.91E-04	1.80E-06	1.83E-06	8.05E-04	1.74E-03	4.45E-06	4.37E-06	2.9523E-03
607081.85	4202598.62	7377.62414	0.00826	0.00829	3.58967	4.08429	0.03537	0.03479	3.67E-04	1.72E-06	1.74E-06	1.21E-03	1.37E-03	4.27E-06	4.19E-06	2.9581E-03
607081.85	4202648.62	6959.1509	0.00794	0.00797	4.11622	4.08095	0.03396	0.03342	3.46E-04	1.65E-06	1.68E-06	1.39E-03	1.37E-03	4.10E-06	4.03E-06	3.1130E-03
607081.85	4202698.62	6576.13663	0.00764	0.00767	1.59569	2.82675	0.03256	0.03206	3.27E-04	1.59E-06	1.61E-06	5.37E-04	9.48E-04	3.93E-06	3.86E-06	1.8239E-03
607081.85	4202748.62	6224.77649	0.00737	0.00739	0.48014	0.67828	0.03116	0.0307	3.10E-04	1.53E-06	1.55E-06	1.62E-04	2.28E-04	3.76E-06	3.70E-06	7.0966E-04
607088.6	4201577.72	33415.76075	0.0281	0.0287	0.20483	0.21384	0.06633	0.06499	1.66E-03	5.84E-06	6.04E-06	6.90E-05	7.17E-05	8.01E-06	7.83E-06	1.8320E-03
607090.34	4202416.33	9503.48178	0.00972	0.00977	1.18421	1.64053	0.04098	0.04025	4.73E-04	2.02E-06	2.06E-06	3.99E-04	5.50E-04	4.95E-06	4.85E-06	1.4361E-03
607092.51	4201790.71	24627.26373	0.01685	0.01698	0.18996	0.19832	0.06117	0.05987	1.23E-03	3.50E-06	3.57E-06	6.40E-05	6.65E-05	7.39E-06	7.22E-06	1.3783E-03
607093.27	4201712.28	27550.1729	0.02009	0.02031	0.19293	0.20184	0.06339	0.06203	1.37E-03	4.17E-06	4.27E-06	6.50E-05	6.77E-05	7.65E-06	7.48E-06	1.5279E-03
607094.61	4201741.77	26415.28978	0.01834	0.0185	0.18677	0.19507	0.0625	0.06116	1.32E-03	3.81E-06	3.89E-06	6.29E-05	6.54E-05	7.55E-06	7.37E-06	1.4660E-03
607098.04	4201544.48	34299.08427	0.03078	0.0315	0.21762	0.22661	0.06578	0.0645	1.71E-03	6.39E-06	6.63E-06	7.33E-05	7.60E-05	7.94E-06	7.77E-06	1.8856E-03
607099.31	4201628.48	30233.05337	0.02621	0.02666	0.2304	0.24153	0.06418	0.06285	1.51E-03	5.44E-06	5.61E-06	7.76E-05	8.10E-05	7.75E-06	7.57E-06	1.6902E-03
607099.98	4201657.98	29212.54919	0.02422	0.02463	0.21696	0.22771	0.06378	0.06244	1.45E-03	5.03E-06	5.18E-06	7.31E-05	7.64E-05	7.70E-06	7.53E-06	1.6292E-03
607103.71	4202402.3	9646.24258	0.00988	0.00994	1.29551	1.78217	0.04085	0.04012	4.80E-04	2.05E-06	2.09E-06	4.36E-04	5.98E-04	4.93E-06	4.84E-06	1.5282E-03
607106.06	4201502.23	35390.93529	0.03484	0.03575	0.23715	0.24695	0.06503	0.06381	1.76E-03	7.23E-06	7.52E-06	7.99E-05	8.28E-05	7.85E-06	7.69E-06	1.9550E-03
607109.45	4201582.54	31810.66046	0.02889	0.02946	0.22887	0.23941	0.06424	0.06295	1.58E-03	6.00E-06	6.20E-06	7.71E-05	8.03E-05	7.76E-06	7.59E-06	1.7686E-03
607109.71	4201481.99	36017.95563	0.03677	0.03778	0.24319	0.25318	0.06471	0.06353	1.79E-03	7.64E-06	7.95E-06	8.19E-05	8.49E-05	7.81E-06	7.66E-06	1.9911E-03
607111.31	4201455.71	37196.34847	0.03953	0.04068	0.24876	0.2588	0.06463	0.06349	1.85E-03	8.21E-06	8.56E-06	8.38E-05	8.68E-05	7.80E-06	7.65E-06	2.0546E-03
607114.05	4201708.25	26772.36276	0.02107	0.02131	0.21369	0.22438	0.06155	0.06026	1.33E-03	4.38E-06	4.48E-06	7.20E-05	7.53E-05	7.43E-06	7.26E-06	1.5037E-03
607114.38	4201550.44	32917.59946	0.03112	0.0318	0.23421	0.24453	0.06421	0.06296	1.64E-03	6.46E-06	6.69E-06	7.89E-05	8.20E-05	7.75E-06	7.59E-06	1.8282E-03
607114.79	4201795.07	23627.08671	0.01821	0.01838	0.22378	0.2349	0.05907	0.05783	1.18E-03	3.78E-06	3.87E-06	7.54E-05	7.88E-05	7.13E-06	6.97E-06	1.3522E-03
607116.06	4201742.44	25503.69411	0.01939	0.01957	0.21023	0.2205	0.06058	0.0593	1.27E-03	4.03E-06	4.12E-06	7.08E-05	7.40E-05	7.32E-06	7.15E-06	1.4371E-03
607116.4	4202391.6	9738.55701	0.01005	0.01011	1.48639	2.09629	0.04062	0.0399	4.85E-04	2.09E-06	2.13E-06	5.01E-04	7.03E-04	4.90E-06	4.81E-06	1.7025E-03
607118.75	4201626.47	29293.01117	0.02697	0.02741	0.24968	0.2625	0.06248	0.06121	1.46E-03	5.60E-06	5.77E-06	8.41E-05	8.80E-05	7.54E-06	7.38E-06	1.6568E-03
607121.43	4201658.65	28088.17579	0.02509	0.02547	0.24264	0.25575	0.0618	0.06053	1.40E-03	5.21E-06	5.36E-06	8.17E-05	8.58E-05	7.46E-06	7.29E-06	1.5912E-03
607125.91	4201581.72	30845.46385	0.02974	0.03032	0.24821	0.26041	0.06275	0.06151	1.54E-03	6.18E-06	6.38E-06	8.36E-05	8.73E-05	7.58E-06	7.41E-06	1.7341E-03
607128.43	4202382.25	9812.0152	0.01022	0.01028	1.73611	2.48733	0.04037	0.03965	4.88E-04	2.12E-06	2.16E-06	5.85E-04	8.34E-04	4.87E-06	4.78E-06	1.9214E-03
607130.44	4202366.21	10019.91152	0.01033	0.01038	1.49925	2.00942	0.04072	0.03999	4.99E-04	2.15E-06	2.18E-06	5.05E-04	6.74E-04	4.92E-06	4.82E-06	1.6918E-03
607131.69	4202533.61	7883.28344	0.00909	0.00913	3.00831	2.43831	0.03563	0.03504	3.92E-04	1.89E-06	1.92E-06	1.01E-03	8.18E-04	4.30E-06	4.22E-06	2.2358E-03
607131.85	4201948.62	18259.43983	0.01603	0.01617	0.30932	0.33101	0.05294	0.05186	9.09E-04	3.33E-06	3.40E-06	1.04E-04	1.11E-04	6.39E-06	6.25E-06	1.1436E-03
607131.85	4201998.62	17010.16307	0.01451	0.01463	0.30165	0.32673	0.0515	0.05046	8.47E-04	3.01E-06	3.08E-06	1.02E-04	1.10E-04	6.22E-06	6.08E-06	1.0764E-03
607131.85	4202048.62	15809.63538	0.01348	0.01359	0.29851	0.32489	0.05006	0.04906	7.87E-04	2.80E-06	2.86E-06	1.01E-04	1.09E-04	6.04E-06	5.91E-06	1.0142E-03
607131.85	4202098.62	14688.68146	0.01262	0.01273	0.3037	0.32881	0.04857	0.04761	7.31E-04	2.62E-06	2.68E-06	1.02E-04	1.10E-04	5.86E-06	5.74E-06	9.6076E-04
607131.85	4202148.62	13634.96194	0.01201	0.01211	0.33719	0.36456	0.04702	0.0461	6.79E-04	2.49E-06	2.55E-06	1.14E-04	1.22E-04	5.68E-06	5.56E-06	9.3094E-04
607131.85	4202198.62	12592.95655	0.01192	0.01199	0.44637	0.48997	0.04532	0.04445	6.27E-04	2.48E-06	2.52E-06	1.50E-04	1.64E-04	5.47E-06	5.36E-06	9.5745E-04
607131.85	4202248.62	11617.81828	0.01183	0.01191	0.5938	0.65391	0.04367	0.04284	5.78E-04	2.46E-06	2.51E-06	2.00E-04	2.19E-04	5.27E-06	5.16E-06	1.0131E-03
607131.85	4202298.62	10937.67049	0.01099	0.01106	0.82549	0.94209	0.04245	0.04166	5.45E-04	2.28E-06	2.33E-06	2.78E-04	3.16E-04	5.13E-06	5.02E-06	1.1533E-03
607131.85	4202348.62	10258.2324	0.01034	0.01039	1.26227	1.60444	0.04114	0.0404	5.11E-04	2.15E-06	2.19E-06	4.25E-04	5.38E-04	4.97E-06	4.87E-06	1.4881E-03
607131.85	4202398.62	9552.84894	0.01026	0.01031	2.65785	4.3951	0.03972	0.03902	4.76E-04	2.13E-06	2.17E-06	8.95E-04	1.47E-03	4.80E-06	4.70E-06	2.8587E-03
607131.85	4202448.62	8838.92539	0.00996	0.01001	4.03909	4.95792	0.03809	0.03743	4.40E-04	2.07E-06	2.11E-06	1.36E-03	1.66E-03	4.60E-06	4.51E-06	3.4766E-03
607131.85	4202498.62	8240.00929	0.00941	0.00946	3.77593	2.82159	0.03658	0.03596	4.10E-04	1.95E-06	1.99E-06	1.27E-03	9.46E-04	4.42E-06	4.33E-06	2.6410E-03
607131.85	4202548.62	7736.41934	0.00895	0.009	2.80972	2.35528	0.03521	0.03464	3.85E-04	1.86E-06	1.89E-06	9.46E-04	7.90E-04	4.25E-06	4.17E-06	2.1336E-03
607131.85	4202598.62	7286.72142	0.00855	0.00859	2.90125	2.36509	0.0339	0.03336	3.63E-04	1.78E-06	1.81E-06	9.77E-04	7.93E-04	4.09E-06	4.02E-06	2.1449E-03
607131.85	4202648.62	6888.80697	0.00821	0.00824	3.99737	2.98263	0.03265	0.03215	3.43E-04	1.70E-06	1.73E-06	1.35E-03	1.00E-03	3.94E-06	3.87E-06	2.7009E-03
607131.85	4202698.62	6521.82288	0.00789	0.00792	5.09593	4.60396	0.0314	0.03093	3.25E-04	1.64E-06	1.67E-06	1.72E-03	1.54E-03	3.79E-06	3.73E-06	3.5960E-03
607131.85	4202748.62	6184.15433	0.0076	0.00762	1.01927	1.4167	0.03014	0.02971	3.08E-04	1.58E-06	1.60E-06	3.43E-04	4.75E-04	3.64E-06	3.58E-06	1.1367E-03
607134.16	4201710.27	25826.68247	0.02187	0.02214	0.23832	0.25128	0.05971	0.05848	1.29E-03	4.54E-06	4.66E-06	8.03E-05	8.43E-05	7.21E-06	7.05E-06	1.4738E-03
607134.55	4201552.91	31479.40997	0.03212	0.0328	0.26128	0.27387	0.06233	0.06113	1.57E-03	6.67E-06	6.90E-06	8.80E-05	9.19E-05	7.53E-06	7.37E-06	1.7755E-03
607135.38	4202554.13	7674.65055	0.00893	0.00897	2.60146	2.20941	0.03495	0.03438	3.82E-04	1.85E-06	1.89E-06	8.76E-04	7.41E-04	4.22E-06	4.14E-06	2.0114E-03
607137.51	4201741.77	24648.84508	0.02062	0.02086	0.24155	0.2546	0.05866	0.05745	1.23E-03	4.28E-06	4.39E-06	8.14E-05	8.54E-05	7.08E-06	6.92E-06	1.4166E-03
607138.86	4201627.81	28228.20447	0.02768	0.02811	0.27348	0.2885	0.06073	0.0595	1.41E-03	5.75E-06	5.91E-06	9.21E-05	9.68E-05	7.33E-06	7.17E-06	1.6204E-03
607139.48	4202572.19	7496.97023	0.00879	0.00883	2.39128	2.04657	0.03434	0.03379	3.73E-04	1.83E-06	1.86E-06	8.05E-04	6.86E-04	4.15E-06	4.07E-06	1.8769E-03
607139.67	4201507.22	32757.21647	0.03592	0.03676	0.27745	0.2902	0.06199	0.06085	1.63E-03	7.46E-06	7.73E-06	9.34E-05	9.73E-05	7.49E-06	7.33E-06	1.8516E-03
607140.46	4201489.08	33479.12209	0.03765	0.0386	0.28166	0.29459	0.06204	0.06091	1.67E-03	7.82E-06	8.12E-06	9.49E-05	9.88E-05	7.49E-06	7.34E-06	1.8912E-03
607140.94	4201796.52	22578.66712	0.02017	0.02041	0.28164	0.29807	0.05673	0.05556	1.12E-03	4.19E-06	4.29E-06	9.49E-05	1.00E-04	6.85E-06	6.70E-06	1.3409E-03
607142.23	4202652.61	6841.64377	0.00824	0.00828	3.16766	2.47528	0.03229	0.0318	3.41E-04	1.71E-06	1.74E-06	1.07E-03	8.30E-04	3.90E-06	3.83E-06	2.2489E-03
607143.61	4201470.95	34064.63453	0.03972	0.04078	0.29049	0.30379	0.06187	0.06077	1.70E-03	8.25E-06	8.58E-06	9.78E-05	1.02E-04	7.47E-06	7.32E-06	1.9273E-03
607145.14	4202352.84	10142.52397	0.01042	0.01047	1.67849	2.25552	0.04046	0.03974	5.05E-04	2.16E-06	2.20E-06	5.65E-04	7.57E-04	4.89E-06	4.79E-06	1.8408E-03
607145.92	4202673.12	6684.84443	0.00813	0.00816	3.41325	2.58245	0.0317	0.03122	3.33E-04	1.69E-06	1.72E-06	1.15E-03	8.66E-04	3.83E-06	3.76E-06	2.3595E-03
607146.05	4202593.12	7302.90809	0.00867	0.00871	2.21697	1.89348	0.03363	0.0331	3.64E-04	1.80E-06	1.83E-06	7.47E-04	6.35E-04	4.06E-06	3.99E-06	1.7570E-03
607146.9	4201656.64	26894.43781	0.02638	0.02679	0.28165	0.2982	0.05959	0.05838	1.34E-03	5.48E-06	5.64E-06	9.49E-05	1.00E-04	7.20E-06	7.04E-06	1.5592E-03
607147.72	4201580.48	29630.62855	0.03083	0.03141	0.27798	0.29256	0.06086	0.05967	1.48E-03	6.40E-06	6.61E-06	9.36E-05	9.81E-05	7.35E-06	7.19E-06	1.6945E-03
607150.03	4202691.18	6550.0924	0.00804	0.00807	3.44885	2.54534	0.03117	0.0307	3.26E-04	1.67E-06	1.70E-06	1.16E-03	8.54E-04	3.76E-06	3.70E-06	2.3522E-03
607150.7	4201452.03	34419.82289	0.04236	0.04357	0.30745	0.3219	0.06137	0.06031	1.71E-03	8.80E-06	9.17E-06	1.04E-04	1.08E-04	7.41E-06	7.27E-06	1.9578E-03
607155.17	4202340.14	10274.62821	0.01057	0.01063	1.70964	2.26315	0.04037	0.03965	5.12E-04	2.19E-06	2.24E-06	5.76E-04	7.59E-04	4.87E-06	4.78E-06	1.8605E-03
607156.28	4201627.14	27412.05981	0.02845	0.0289	0.29735	0.3147	0.0593	0.05812	1.36E-03	5.91E-06	6.08E-06	1.00E-04	1.06E-04	7.16E-06	7.00E-06	1.5966E-03
607156.59	4202712.11	6396.00235	0.00794	0.00797	2.48424	2.05004	0.03051	0.03007	3.18E-04	1.65E-06	1.68E-06	8.37E-04	6.88E-04	3.68E-06	3.62E-06	1.8533E-03
607161.65	4201706.91	24780.80376	0.02364	0.024	0.28308	0.30061	0.05751	0.05634	1.23E-03	4.91E-06	5.05E-06	9.53E-05	1.01E-04	6.94E-06	6.79E-06	1.4536E-03
607164.33	4201744.45	23501.96216	0.0223	0.02264	0.29453	0.3129	0.05639	0.05524	1.17E-03	4.63E-06	4.76E-06	9.92E-05	1.05E-04	6.81E-06	6.66E-06	1.3971E-03
607165.83	4201576.78	28779.61602	0.03203	0.03263	0.30634	0.32345	0.0594	0.05826	1.43E-03	6.65E-06	6.86E-06	1.03E-04	1.08E-04	7.17E-06	7.02E-06	1.6722E-03
607167.09	4201791.19	21812.81911	0.0216	0.02187	0.34837	0.37205	0.05472	0.0536	1.09E-03	4.49E-06	4.60E-06	1.17E-04	1.25E-04	6.61E-06	6.46E-06	1.3502E-03
607167.2	4202333.46	10309.00196	0.01074	0.0108	1.98635	2.67215	0.04003	0.03932	5.13E-04	2.23E-06	2.27E-06	6.69E-04	8.96E-04	4.83E-06	4.74E-06	2.0926E-03
607171.03	4201655.3	25844.57321	0.02753	0.02797	0.32176	0.3428	0.05764	0.05649	1.29E-03	5.72E-06	5.88E-06	1.08E-04	1.15E-04	6.96E-06	6.81E-06	1.5354E-03
607173.88	4202318.09	10486.52737	0.01093	0.01099	1.78405	2.31376	0.04013	0.03942	5.22E-04	2.27E-06	2.31E-06	6.01E-04	7.76E-04	4.85E-06	4.75E-06	1.9132E-03
607177.06	4201627.81	26434.71052	0.02936	0.02985	0.33132	0.35227	0.05764	0.0565	1.32E-03	6.10E-06	6.28E-06	1.12E-04	1.18E-04	6.96E-06	6.81E-06	1.5720E-03
607181.85	4201948.62	17486.61981	0.01668	0.01684	0.38495	0.41602	0.04981	0.04883	8.71E-04	3.46E-06	3.54E-06	1.30E-04	1.40E-04	6.01E-06	5.88E-06	1.1587E-03
607181.85	4201998.62	16307.85197	0.0154	0.01554	0.39793	0.43835	0.04844	0.04749	8.12E-04	3.20E-06	3.27E-06	1.34E-04	1.47E-04	5.85E-06	5.72E-06	1.1110E-03
607181.85	4202048.62	15194.16586	0.0144	0.01452	0.40389	0.45107	0.04706	0.04615	7.56E-04	2.99E-06	3.05E-06	1.36E-04	1.51E-04	5.68E-06	5.56E-06	1.0611E-03
607181.85	4202098.62	14128.90122	0.01367	0.01378	0.42363	0.47221	0.04562	0.04475	7.03E-04	2.84E-06	2.90E-06	1.43E-04	1.58E-04	5.51E-06	5.39E-06	1.0211E-03
607181.85	4202148.62	13072.93327	0.01352	0.01363	0.52255	0.58209	0.04413	0.04329	6.51E-04	2.81E-06	2.87E-06	1.76E-04	1.95E-04	5.33E-06	5.22E-06	1.0383E-03
607181.85	4202198.62	12021.73692	0.01314	0.01324	0.71716	0.83245	0.04243	0.04163	5.99E-04	2.73E-06	2.79E-06	2.42E-04	2.79E-04	5.12E-06	5.02E-06	1.1349E-03
607181.85	4202248.62	11259.76007	0.01252	0.0126	0.90826	1.06719	0.0412	0.04044	5.61E-04	2.60E-06	2.65E-06	3.06E-04	3.58E-04	4.97E-06	4.87E-06	1.2395E-03
607181.85	4202298.62	10688.41571	0.01134	0.01141	1.62073	2.00309	0.04025	0.03953	5.32E-04	2.35E-06	2.40E-06	5.46E-04	6.72E-04	4.86E-06	4.76E-06	1.7642E-03
607181.85	4202348.62	10025.27298	0.01082	0.01088	4.09801	3.36263	0.03904	0.03836	4.99E-04	2.25E-06	2.29E-06	1.38E-03	1.13E-03	4.71E-06	4.62E-06	3.0210E-03
607181.85	4202398.62	9322.68246	0.01082	0.01087	5.80094	4.32921	0.03769	0.03705	4.64E-04	2.25E-06	2.29E-06	1.95E-03	1.45E-03	4.55E-06	4.47E-06	3.8834E-03
607181.85	4202448.62	8638.7052	0.01033	0.01038	2.52134	2.07901	0.03619	0.03558	4.30E-04	2.15E-06	2.18E-06	8.49E-04	6.97E-04	4.37E-06	4.29E-06	1.9896E-03
607181.85	4202498.62	8077.05121	0.00974	0.00979	1.69994	1.47816	0.03485	0.03428	4.02E-04	2.02E-06	2.06E-06	5.73E-04	4.96E-04	4.21E-06	4.13E-06	1.4829E-03
607181.85	4202548.62	7600.28619	0.00926	0.0093	1.43943	1.2917	0.03364	0.0331	3.78E-04	1.92E-06	1.96E-06	4.85E-04	4.33E-04	4.06E-06	3.99E-06	1.3084E-03
607182.57	4202306.06	10594.29454	0.01121	0.01127	1.81577	2.32791	0.04005	0.03934	5.27E-04	2.33E-06	2.37E-06	6.12E-04	7.81E-04	4.84E-06	4.74E-06	1.9341E-03
607183.52	4201578.02	27814.76319	0.03297	0.0336	0.33905	0.35945	0.05796	0.05686	1.38E-03	6.85E-06	7.07E-06	1.14E-04	1.21E-04	7.00E-06	6.85E-06	1.6473E-03
607185.11	4201741.77	22842.51131	0.02342	0.02376	0.33717	0.36068	0.05487	0.05377	1.14E-03	4.86E-06	5.00E-06	1.14E-04	1.21E-04	6.63E-06	6.48E-06	1.3947E-03
607190.12	4201515.89	29430.41261	0.03843	0.03927	0.36646	0.38749	0.05793	0.05688	1.47E-03	7.98E-06	8.26E-06	1.23E-04	1.30E-04	7.00E-06	6.86E-06	1.7487E-03
607190.47	4201708.25	23644.80597	0.02486	0.02525	0.33501	0.3592	0.05527	0.05417	1.18E-03	5.16E-06	5.31E-06	1.13E-04	1.20E-04	6.67E-06	6.53E-06	1.4342E-03
607192.59	4202290.69	10735.03811	0.01167	0.01173	1.7455	2.18331	0.03997	0.03926	5.34E-04	2.42E-06	2.47E-06	5.88E-04	7.32E-04	4.83E-06	4.73E-06	1.8691E-03
607193.82	4201656.64	24888.33851	0.02842	0.02891	0.36204	0.38858	0.05591	0.05481	1.24E-03	5.90E-06	6.08E-06	1.22E-04	1.30E-04	6.75E-06	6.61E-06	1.5167E-03
607194.06	4201499.33	29780.05182	0.04037	0.04129	0.38183	0.40388	0.05775	0.05671	1.48E-03	8.38E-06	8.69E-06	1.29E-04	1.35E-04	6.97E-06	6.83E-06	1.7776E-03
607196.5	4201624.46	25697.27953	0.03051	0.03105	0.36867	0.39398	0.05623	0.05514	1.28E-03	6.34E-06	6.53E-06	1.24E-04	1.32E-04	6.79E-06	6.65E-06	1.5620E-03
607197.52	4201575.13	27186.13582	0.034	0.03467	0.37052	0.39396	0.05688	0.05581	1.35E-03	7.06E-06	7.29E-06	1.25E-04	1.32E-04	6.87E-06	6.73E-06	1.6384E-03
607198	4201459.13	30993.38627	0.04544	0.0466	0.41342	0.43746	0.05767	0.05668	1.54E-03	9.44E-06	9.80E-06	1.39E-04	1.47E-04	6.96E-06	6.83E-06	1.8620E-03
607199.58	4201481.99	30060.80667	0.04272	0.04374	0.40429	0.42797	0.05742	0.05642	1.50E-03	8.87E-06	9.20E-06	1.36E-04	1.44E-04	6.93E-06	6.80E-06	1.8081E-03
607202.62	4202281.33	10796.03914	0.012	0.01208	1.78801	2.26868	0.03976	0.03905	5.37E-04	2.49E-06	2.54E-06	6.02E-04	7.61E-04	4.80E-06	4.71E-06	1.9152E-03
607207.23	4201733.73	22323.70741	0.02472	0.0251	0.38643	0.41668	0.05346	0.05241	1.11E-03	5.13E-06	5.28E-06	1.30E-04	1.40E-04	6.46E-06	6.32E-06	1.4045E-03
607209.24	4201706.24	23016.7465	0.02589	0.0263	0.37972	0.40993	0.05394	0.05288	1.15E-03	5.38E-06	5.53E-06	1.28E-04	1.37E-04	6.51E-06	6.37E-06	1.4351E-03
607209.71	4201784.9	20755.68252	0.02314	0.02345	0.45585	0.49394	0.05189	0.05086	1.03E-03	4.81E-06	4.93E-06	1.54E-04	1.66E-04	6.27E-06	6.13E-06	1.3747E-03
607214.65	4202269.97	10857.9523	0.01243	0.01251	1.82958	2.40451	0.03947	0.03877	5.41E-04	2.58E-06	2.63E-06	6.16E-04	8.07E-04	4.77E-06	4.67E-06	1.9779E-03
607218.63	4201662	23828.33994	0.02902	0.02954	0.41104	0.44529	0.05409	0.05305	1.19E-03	6.03E-06	6.21E-06	1.38E-04	1.49E-04	6.53E-06	6.39E-06	1.4993E-03
607218.92	4201572.25	26202.51569	0.03547	0.03621	0.42638	0.4558	0.05526	0.05423	1.30E-03	7.37E-06	7.62E-06	1.44E-04	1.53E-04	6.67E-06	6.54E-06	1.6292E-03
607221.31	4201641.89	24233.728	0.0306	0.03117	0.42506	0.46025	0.0542	0.05317	1.21E-03	6.35E-06	6.56E-06	1.43E-04	1.54E-04	6.54E-06	6.41E-06	1.5299E-03
607223.32	4201616.42	24830.15573	0.03246	0.0331	0.4336	0.46738	0.05444	0.05341	1.24E-03	6.74E-06	6.96E-06	1.46E-04	1.57E-04	6.57E-06	6.44E-06	1.5657E-03
607226.68	4202254.6	10953.32447	0.01295	0.01304	1.88151	2.66982	0.03922	0.03853	5.45E-04	2.69E-06	2.74E-06	6.34E-04	8.95E-04	4.74E-06	4.64E-06	2.0893E-03
607228.68	4202226.53	11282.46766	0.0134	0.0135	1.49592	2.0475	0.03965	0.03893	5.62E-04	2.78E-06	2.84E-06	5.04E-04	6.87E-04	4.79E-06	4.69E-06	1.7674E-03
607231.85	4201948.62	16608.06799	0.01829	0.01847	0.58965	0.65142	0.04681	0.04592	8.27E-04	3.80E-06	3.89E-06	1.99E-04	2.18E-04	5.65E-06	5.53E-06	1.2628E-03
607231.85	4201998.62	15593.25872	0.01682	0.01697	0.603	0.68416	0.04562	0.04476	7.76E-04	3.49E-06	3.57E-06	2.03E-04	2.29E-04	5.51E-06	5.39E-06	1.2268E-03
607231.85	4202048.62	14583.87358	0.01558	0.0157	0.62614	0.73694	0.04436	0.04353	7.26E-04	3.24E-06	3.30E-06	2.11E-04	2.47E-04	5.36E-06	5.25E-06	1.2013E-03
607231.85	4202098.62	13576.2413	0.0151	0.01522	0.69603	0.8364	0.04303	0.04223	6.76E-04	3.14E-06	3.20E-06	2.34E-04	2.81E-04	5.20E-06	5.09E-06	1.2075E-03
607231.85	4202148.62	12486.25351	0.01459	0.0147	1.07787	1.36138	0.04137	0.04061	6.22E-04	3.03E-06	3.09E-06	3.63E-04	4.57E-04	5.00E-06	4.89E-06	1.4573E-03
607231.85	4202198.62	11638.31806	0.01377	0.01387	1.32156	1.74879	0.04006	0.03934	5.79E-04	2.86E-06	2.92E-06	4.45E-04	5.87E-04	4.84E-06	4.74E-06	1.6264E-03
607231.85	4202248.62	10987.50988	0.01314	0.01323	1.96475	2.87466	0.0391	0.03841	5.47E-04	2.73E-06	2.78E-06	6.62E-04	9.64E-04	4.72E-06	4.63E-06	2.1878E-03
607231.85	4202298.62	10424.65393	0.01192	0.01199	5.3826	4.14534	0.03819	0.03753	5.19E-04	2.48E-06	2.52E-06	1.81E-03	1.39E-03	4.61E-06	4.52E-06	3.7363E-03
607231.85	4202348.62	9773.33682	0.01154	0.01161	4.85225	3.94152	0.03708	0.03645	4.87E-04	2.40E-06	2.44E-06	1.63E-03	1.32E-03	4.48E-06	4.39E-06	3.4565E-03
607231.85	4202398.62	9065.26605	0.01135	0.01142	2.20548	1.92008	0.03574	0.03514	4.51E-04	2.36E-06	2.40E-06	7.43E-04	6.44E-04	4.32E-06	4.24E-06	1.8514E-03
607231.85	4202448.62	8432.98617	0.01069	0.01075	1.41347	1.26782	0.0344	0.03384	4.20E-04	2.22E-06	2.26E-06	4.76E-04	4.25E-04	4.15E-06	4.08E-06	1.3338E-03
607231.85	4202498.62	7918.28744	0.01011	0.01016	1.09836	1.0049	0.03326	0.03273	3.94E-04	2.10E-06	2.14E-06	3.70E-04	3.37E-04	4.02E-06	3.94E-06	1.1134E-03
607231.85	4202548.62	7458.66627	0.00959	0.00963	0.95433	0.88519	0.03216	0.03166	3.71E-04	1.99E-06	2.03E-06	3.21E-04	2.97E-04	3.88E-06	3.82E-06	1.0014E-03
607232.69	4201479.62	28329.16083	0.04614	0.04736	0.52489	0.56197	0.05507	0.05412	1.41E-03	9.58E-06	9.96E-06	1.77E-04	1.88E-04	6.65E-06	6.52E-06	1.8084E-03
607235.06	4201458.34	28906.87772	0.04947	0.05086	0.56098	0.6018	0.05504	0.05411	1.44E-03	1.03E-05	1.07E-05	1.89E-04	2.02E-04	6.65E-06	6.52E-06	1.8641E-03
607237.02	4201569.37	25478.19159	0.03692	0.03773	0.48594	0.5226	0.05401	0.05301	1.27E-03	7.67E-06	7.94E-06	1.64E-04	1.75E-04	6.52E-06	6.39E-06	1.6359E-03
607242.15	4201499.33	27263.68999	0.0446	0.04576	0.55208	0.59422	0.05431	0.05336	1.36E-03	9.26E-06	9.63E-06	1.86E-04	1.99E-04	6.56E-06	6.43E-06	1.7745E-03
607245.3	4201518.25	26564.47473	0.04267	0.04374	0.5503	0.59375	0.05396	0.053	1.32E-03	8.86E-06	9.20E-06	1.85E-04	1.99E-04	6.52E-06	6.39E-06	1.7380E-03
607256.2	4201735.98	20706.26824	0.02701	0.02744	0.57375	0.6388	0.0501	0.04915	1.03E-03	5.61E-06	5.77E-06	1.93E-04	2.14E-04	6.05E-06	5.92E-06	1.4617E-03
607259.99	4202104.79	13108.01836	0.01586	0.016	1.29013	1.85171	0.04139	0.04063	6.53E-04	3.29E-06	3.37E-06	4.35E-04	6.21E-04	5.00E-06	4.90E-06	1.7247E-03
607260.56	4201780.54	19510.63466	0.02519	0.02555	0.68059	0.76269	0.04879	0.04786	9.71E-04	5.23E-06	5.37E-06	2.29E-04	2.56E-04	5.89E-06	5.77E-06	1.4786E-03
607262.5	4201714.67	21023.55324	0.0283	0.02877	0.58438	0.65371	0.05016	0.04921	1.05E-03	5.88E-06	6.05E-06	1.97E-04	2.19E-04	6.06E-06	5.93E-06	1.4867E-03
607263.77	4201568.55	24381.5348	0.03901	0.0399	0.60721	0.66179	0.05222	0.05127	1.21E-03	8.10E-06	8.39E-06	2.05E-04	2.22E-04	6.31E-06	6.18E-06	1.6693E-03
607263.97	4202045.13	14229.46467	0.01684	0.017	1.03546	1.32748	0.04279	0.04201	7.08E-04	3.50E-06	3.58E-06	3.49E-04	4.45E-04	5.17E-06	5.06E-06	1.5197E-03
607265.41	4201691.43	21477.16229	0.0297	0.03021	0.58493	0.65491	0.05043	0.04949	1.07E-03	6.17E-06	6.36E-06	1.97E-04	2.20E-04	6.09E-06	5.96E-06	1.5105E-03
607268.31	4201663.82	22029.85111	0.03153	0.0321	0.58974	0.65946	0.05075	0.0498	1.10E-03	6.55E-06	6.75E-06	1.99E-04	2.21E-04	6.13E-06	6.00E-06	1.5420E-03
607270.25	4201614.91	23088.01355	0.03545	0.0362	0.61464	0.67987	0.05135	0.0504	1.15E-03	7.36E-06	7.62E-06	2.07E-04	2.28E-04	6.20E-06	6.07E-06	1.6117E-03
607271.35	4202059.5	13834.82953	0.0169	0.01705	1.4225	2.07831	0.04201	0.04125	6.89E-04	3.51E-06	3.59E-06	4.79E-04	6.97E-04	5.07E-06	4.97E-06	1.8821E-03
607272.19	4201641.54	22409.98211	0.03337	0.03402	0.61197	0.68354	0.05086	0.04992	1.12E-03	6.93E-06	7.16E-06	2.06E-04	2.29E-04	6.14E-06	6.02E-06	1.5773E-03
607276.28	4201925.31	16225.13045	0.02051	0.02075	1.12154	1.31819	0.04475	0.04392	8.08E-04	4.26E-06	4.37E-06	3.78E-04	4.42E-04	5.40E-06	5.29E-06	1.6470E-03
607278.74	4202023.38	14363.00576	0.01796	0.01813	1.69424	2.3416	0.04243	0.04166	7.15E-04	3.73E-06	3.81E-06	5.71E-04	7.85E-04	5.12E-06	5.02E-06	2.0888E-03

607279.97	4201945.82	15769.17239	0.02001	0.02023	1.29663	1.559	0.0441	0.04328	7.85E-04	4.16E-06	4.26E-06	4.37E-04	5.23E-04	5.33E-06	5.22E-06	1.7636E-03
607281.85	4201948.62	15684.1586	0.01998	0.0202	1.36499	1.65195	0.04393	0.04312	7.81E-04	4.15E-06	4.25E-06	4.60E-04	5.54E-04	5.30E-06	5.20E-06	1.8135E-03
607281.85	4201998.62	14769.0128	0.01864	0.01883	1.66287	2.1976	0.04284	0.04205	7.35E-04	3.87E-06	3.96E-06	5.60E-04	7.37E-04	5.17E-06	5.07E-06	2.0505E-03
607281.85	4202048.62	13872.26158	0.01744	0.01761	2.01789	3.08741	0.0417	0.04094	6.91E-04	3.62E-06	3.70E-06	6.80E-04	1.04E-03	5.04E-06	4.93E-06	2.4231E-03
607281.85	4202098.62	12984.05983	0.01638	0.01653	2.46429	4.43812	0.0405	0.03977	6.46E-04	3.40E-06	3.48E-06	8.30E-04	1.49E-03	4.89E-06	4.79E-06	2.9815E-03
607281.85	4202148.62	12040.60576	0.01524	0.01537	3.66517	3.40058	0.03906	0.03837	5.99E-04	3.16E-06	3.23E-06	1.23E-03	1.14E-03	4.72E-06	4.62E-06	2.9902E-03
607281.85	4202198.62	11279.13426	0.01439	0.01451	3.6039	3.94881	0.03793	0.03726	5.62E-04	2.99E-06	3.05E-06	1.21E-03	1.32E-03	4.58E-06	4.49E-06	3.1149E-03
607281.85	4202248.62	10692.64891	0.01377	0.01388	4.13977	5.35722	0.03711	0.03647	5.32E-04	2.86E-06	2.92E-06	1.39E-03	1.80E-03	4.48E-06	4.40E-06	3.7381E-03
607281.85	4202298.62	10083.81023	0.01296	0.01305	3.8067	2.87725	0.03616	0.03555	5.02E-04	2.69E-06	2.75E-06	1.28E-03	9.65E-04	4.37E-06	4.28E-06	2.7632E-03
607281.85	4202348.62	9424.65684	0.01241	0.0125	1.97795	1.75191	0.03503	0.03445	4.69E-04	2.58E-06	2.63E-06	6.66E-04	5.88E-04	4.23E-06	4.15E-06	1.7366E-03
607281.85	4202398.62	8798.1033	0.01174	0.01181	1.30307	1.19623	0.03387	0.03332	4.38E-04	2.44E-06	2.48E-06	4.39E-04	4.01E-04	4.09E-06	4.02E-06	1.2911E-03
607281.85	4202448.62	8246.88783	0.01107	0.01114	0.9802	0.91111	0.03279	0.03227	4.11E-04	2.30E-06	2.34E-06	3.30E-04	3.06E-04	3.96E-06	3.89E-06	1.0588E-03
607281.85	4202498.62	7759.25607	0.01047	0.01053	0.80663	0.75701	0.03177	0.03128	3.86E-04	2.17E-06	2.22E-06	2.72E-04	2.54E-04	3.84E-06	3.77E-06	9.2387E-04
607281.85	4202548.62	7322.48244	0.00993	0.00999	0.70881	0.67003	0.0308	0.03034	3.65E-04	2.06E-06	2.10E-06	2.39E-04	2.25E-04	3.72E-06	3.66E-06	8.3955E-04
607282.36	4201779.57	18967.42792	0.0261	0.02649	0.86523	0.99609	0.04751	0.04662	9.44E-04	5.42E-06	5.57E-06	2.91E-04	3.34E-04	5.74E-06	5.62E-06	1.5922E-03
607283.25	4202005.74	14619.81701	0.01849	0.01868	1.78258	2.4147	0.0426	0.04183	7.28E-04	3.84E-06	3.93E-06	6.00E-04	8.10E-04	5.14E-06	5.04E-06	2.1561E-03
607284.07	4201963.88	15365.58327	0.0196	0.01982	1.52426	1.89251	0.04348	0.04268	7.65E-04	4.07E-06	4.17E-06	5.13E-04	6.35E-04	5.25E-06	5.14E-06	1.9317E-03
607285.17	4201568.14	23550.848	0.04083	0.04181	0.75193	0.83269	0.05085	0.04994	1.17E-03	8.48E-06	8.80E-06	2.53E-04	2.79E-04	6.14E-06	6.02E-06	1.7345E-03
607287.2	4201728.23	19972.75862	0.02891	0.0294	0.77655	0.89687	0.04835	0.04745	9.94E-04	6.00E-06	6.18E-06	2.62E-04	3.01E-04	5.84E-06	5.72E-06	1.5805E-03
607288.66	4201454.4	26446.40864	0.05712	0.05906	1.10477	1.24173	0.0517	0.05085	1.32E-03	1.19E-05	1.24E-05	3.72E-04	4.16E-04	6.24E-06	6.13E-06	2.1419E-03
607289.45	4201490.66	25436.61289	0.0512	0.05275	0.98694	1.10067	0.05143	0.05056	1.27E-03	1.06E-05	1.11E-05	3.32E-04	3.69E-04	6.21E-06	6.09E-06	2.0020E-03
607289.45	4201511.95	24801.9952	0.04799	0.04934	0.90007	1.00286	0.05117	0.05028	1.23E-03	9.97E-06	1.04E-05	3.03E-04	3.36E-04	6.18E-06	6.06E-06	1.9069E-03
607290.64	4201984.81	14887.92031	0.01919	0.0194	1.98465	2.63252	0.04269	0.04191	7.41E-04	3.98E-06	4.08E-06	6.68E-04	8.83E-04	5.15E-06	5.05E-06	2.3109E-03
607294.18	4201470.16	25781.3042	0.05506	0.05686	1.14499	1.28723	0.05128	0.05043	1.28E-03	1.14E-05	1.20E-05	3.86E-04	4.32E-04	6.19E-06	6.08E-06	2.1366E-03
607294.46	4201707.41	20210.31864	0.03046	0.03102	0.81572	0.95251	0.04832	0.04743	1.01E-03	6.33E-06	6.53E-06	2.75E-04	3.19E-04	5.83E-06	5.72E-06	1.6248E-03
607299.31	4201658.98	21114.97823	0.03384	0.03453	0.80858	0.93937	0.0489	0.04801	1.05E-03	7.03E-06	7.26E-06	2.72E-04	3.15E-04	5.90E-06	5.79E-06	1.6646E-03
607299.31	4201681.26	20629.09121	0.03233	0.03296	0.83042	0.97248	0.04851	0.04762	1.03E-03	6.71E-06	6.93E-06	2.80E-04	3.26E-04	5.86E-06	5.74E-06	1.6581E-03
607303.67	4201638.15	21426.9355	0.03572	0.03648	0.84181	0.97494	0.04897	0.04808	1.07E-03	7.42E-06	7.67E-06	2.84E-04	3.27E-04	5.91E-06	5.79E-06	1.7041E-03
607305.12	4201612.97	21895.56389	0.03815	0.03904	0.88878	1.01669	0.0492	0.04831	1.09E-03	7.92E-06	8.21E-06	2.99E-04	3.41E-04	5.94E-06	5.82E-06	1.7583E-03
607305.12	4201782.47	18312.24593	0.0268	0.02723	1.25305	1.52765	0.0461	0.04525	9.12E-04	5.57E-06	5.73E-06	4.22E-04	5.12E-04	5.57E-06	5.45E-06	1.8684E-03
607307.4	4201564.43	22822.65904	0.04326	0.04437	0.99696	1.13519	0.04955	0.04868	1.14E-03	8.98E-06	9.33E-06	3.36E-04	3.81E-04	5.98E-06	5.87E-06	1.8829E-03
607307.87	4201899.45	16090.37267	0.0221	0.02238	2.16604	2.86429	0.04356	0.04276	8.01E-04	4.59E-06	4.71E-06	7.29E-04	9.61E-04	5.26E-06	5.15E-06	2.5110E-03
607316.49	4201853.9	16729.6814	0.024	0.02434	2.14675	2.95534	0.04403	0.04323	8.33E-04	4.98E-06	5.12E-06	7.23E-04	9.91E-04	5.32E-06	5.21E-06	2.5678E-03
607321.3	4202259.3	10324.31225	0.01406	0.01418	2.77616	2.19171	0.03543	0.03484	5.14E-04	2.92E-06	2.98E-06	9.35E-04	7.35E-04	4.28E-06	4.20E-06	2.1985E-03
607330.96	4202209.32	10856.74117	0.01491	0.01506	3.12303	2.47217	0.03594	0.03533	5.41E-04	3.10E-06	3.17E-06	1.05E-03	8.29E-04	4.34E-06	4.26E-06	2.4364E-03
607331.85	4201948.62	14852.95966	0.02105	0.02133	2.7548	5.68077	0.04137	0.04064	7.39E-04	4.37E-06	4.49E-06	9.28E-04	1.91E-03	5.00E-06	4.90E-06	3.5914E-03
607331.85	4201998.62	14093.80766	0.01967	0.01992	4.06181	6.61806	0.04046	0.03974	7.02E-04	4.08E-06	4.19E-06	1.37E-03	2.22E-03	4.89E-06	4.79E-06	4.3074E-03
607331.85	4202048.62	13279.31691	0.01834	0.01856	6.36332	4.51351	0.03939	0.0387	6.61E-04	3.81E-06	3.90E-06	2.14E-03	1.51E-03	4.76E-06	4.66E-06	4.3352E-03
607331.85	4202098.62	12474.65134	0.01713	0.01732	4.97868	3.48759	0.03828	0.03762	6.21E-04	3.56E-06	3.64E-06	1.68E-03	1.17E-03	4.62E-06	4.53E-06	3.4840E-03
607331.85	4202148.62	11629.00137	0.01585	0.01601	3.83607	2.80971	0.037	0.03636	5.79E-04	3.29E-06	3.37E-06	1.29E-03	9.42E-04	4.47E-06	4.38E-06	2.8288E-03
607331.85	4202198.62	10948.34586	0.01499	0.01514	3.27871	2.52069	0.03601	0.0354	5.45E-04	3.11E-06	3.19E-06	1.10E-03	8.45E-04	4.35E-06	4.27E-06	2.5097E-03
607331.85	4202248.62	10410.91674	0.01433	0.01447	2.48943	2.01355	0.03529	0.0347	5.18E-04	2.98E-06	3.04E-06	8.38E-04	6.75E-04	4.26E-06	4.18E-06	2.0466E-03
607331.85	4202298.62	9798.60207	0.01355	0.01368	1.80366	1.53996	0.03434	0.03378	4.88E-04	2.81E-06	2.88E-06	6.07E-04	5.17E-04	4.15E-06	4.07E-06	1.6257E-03
607331.85	4202348.62	9209.98371	0.01286	0.01297	1.29052	1.16626	0.03338	0.03284	4.59E-04	2.67E-06	2.73E-06	4.35E-04	3.91E-04	4.03E-06	3.96E-06	1.2977E-03
607331.85	4202398.62	8640.15676	0.0122	0.0123	0.96449	0.89807	0.03239	0.03188	4.30E-04	2.53E-06	2.59E-06	3.25E-04	3.01E-04	3.91E-06	3.84E-06	1.0691E-03
607331.85	4202448.62	8086.94231	0.01146	0.01155	0.75513	0.71284	0.03134	0.03086	4.03E-04	2.38E-06	2.43E-06	2.54E-04	2.39E-04	3.78E-06	3.72E-06	9.0834E-04
607331.85	4202498.62	7608.50463	0.01081	0.01089	0.63365	0.60275	0.03039	0.02994	3.79E-04	2.24E-06	2.29E-06	2.13E-04	2.02E-04	3.67E-06	3.61E-06	8.0618E-04
607331.85	4202548.62	7187.48886	0.01025	0.01032	0.55605	0.53207	0.02952	0.02908	3.58E-04	2.13E-06	2.17E-06	1.87E-04	1.78E-04	3.56E-06	3.50E-06	7.3494E-04
607332.24	4201768.91	17903.42784	0.02855	0.02905	2.10387	2.91203	0.04487	0.04406	8.91E-04	5.93E-06	6.11E-06	7.09E-04	9.77E-04	5.42E-06	5.31E-06	2.5994E-03
607333.23	4202147.98	11628.44186	0.01588	0.01605	3.71945	2.74596	0.03696	0.03632	5.79E-04	3.30E-06	3.38E-06	1.25E-03	9.21E-04	4.46E-06	4.38E-06	2.7681E-03
607333.8	4202176.38	11188.5109	0.01525	0.0154	3.2453	2.45047	0.03626	0.03564	5.57E-04	3.17E-06	3.24E-06	1.09E-03	8.22E-04	4.38E-06	4.30E-06	2.4870E-03
607338.67	4201559.91	21805.58036	0.04668	0.04805	1.68645	2.05897	0.04775	0.04693	1.09E-03	9.69E-06	1.01E-05	5.68E-04	6.91E-04	5.77E-06	5.66E-06	2.3754E-03
607339.02	4201743.25	18230.74613	0.0304	0.03099	2.12054	2.99882	0.04503	0.04422	9.08E-04	6.31E-06	6.52E-06	7.14E-04	1.01E-03	5.44E-06	5.33E-06	2.6512E-03
607340.96	4201720	18632.44615	0.03202	0.03267	1.95592	2.7325	0.04538	0.04457	9.28E-04	6.65E-06	6.87E-06	6.59E-04	9.17E-04	5.48E-06	5.37E-06	2.5272E-03
607346.28	4201693.85	19002.95897	0.03414	0.03489	1.95987	2.75648	0.04559	0.04478	9.46E-04	7.09E-06	7.34E-06	6.60E-04	9.25E-04	5.50E-06	5.40E-06	2.5560E-03
607346.86	4202072.72	12740.49797	0.01797	0.01819	3.82402	2.90156	0.03825	0.03758	6.34E-04	3.73E-06	3.83E-06	1.29E-03	9.73E-04	4.62E-06	4.53E-06	2.9121E-03
607348.03	4202037.94	13273.24618	0.01888	0.01912	4.35121	3.34203	0.03894	0.03826	6.61E-04	3.92E-06	4.02E-06	1.47E-03	1.12E-03	4.70E-06	4.61E-06	3.2645E-03
607350.64	4201670.12	19347.31897	0.03619	0.03705	1.95492	2.78523	0.04577	0.04496	9.63E-04	7.52E-06	7.79E-06	6.58E-04	9.34E-04	5.53E-06	5.42E-06	2.5821E-03
607352.58	4201646.39	19746.40219	0.03832	0.03929	1.92059	2.65733	0.04603	0.04522	9.83E-04	7.96E-06	8.27E-06	6.47E-04	8.91E-04	5.56E-06	5.45E-06	2.5485E-03
607355.48	4201589.24	20690.12335	0.04456	0.04585	2.30792	2.98575	0.04653	0.04572	1.03E-03	9.25E-06	9.65E-06	7.77E-04	1.00E-03	5.62E-06	5.51E-06	2.8388E-03
607355.97	4201619.75	20136.00862	0.04119	0.04231	2.11486	2.80668	0.04619	0.04539	1.00E-03	8.55E-06	8.90E-06	7.12E-04	9.41E-04	5.58E-06	5.47E-06	2.6846E-03
607366.33	4200769.13	25327.42244	1.74856	1.43729	0.03979	0.03766	0.03089	0.03103	1.26E-03	3.63E-04	3.02E-04	1.34E-05	1.26E-05	3.73E-06	3.74E-06	1.9599E-03
607369.05	4201993.63	13733.88729	0.02051	0.02081	3.27579	2.76598	0.03902	0.03834	6.84E-04	4.26E-06	4.38E-06	1.10E-03	9.28E-04	4.71E-06	4.62E-06	2.7327E-03
607370.6	4200744.38	24448.38289	1.48929	1.24955	0.036	0.03422	0.02977	0.02993	1.22E-03	3.09E-04	2.63E-04	1.21E-05	1.15E-05	3.59E-06	3.61E-06	1.8201E-03
607378.7	4201943.65	14281.62295	0.02226	0.02261	3.30802	2.80509	0.03945	0.03877	7.11E-04	4.62E-06	4.76E-06	1.11E-03	9.41E-04	4.76E-06	4.67E-06	2.7848E-03
607380.97	4201882.31	15098.20854	0.02457	0.02499	4.1753	3.29048	0.0404	0.0397	7.52E-04	5.10E-06	5.26E-06	1.41E-03	1.10E-03	4.88E-06	4.78E-06	3.2816E-03
607381.54	4201910.71	14695.03929	0.02348	0.02387	3.56835	2.96232	0.0399	0.03921	7.32E-04	4.88E-06	5.02E-06	1.20E-03	9.94E-04	4.82E-06	4.73E-06	2.9464E-03
607381.85	4201948.62	14178.03622	0.02217	0.02252	3.06799	2.63148	0.03925	0.03858	7.06E-04	4.60E-06	4.74E-06	1.03E-03	8.83E-04	4.74E-06	4.65E-06	2.6405E-03
607381.85	4201998.62	13535.04356	0.02057	0.02087	2.52747	2.20146	0.03845	0.0378	6.74E-04	4.27E-06	4.39E-06	8.51E-04	7.38E-04	4.64E-06	4.56E-06	2.2813E-03
607381.85	4202048.62	12797.15193	0.01913	0.0194	2.22774	1.90158	0.03745	0.03682	6.37E-04	3.97E-06	4.08E-06	7.50E-04	6.38E-04	4.52E-06	4.44E-06	2.0422E-03
607381.85	4202098.62	11995.30575	0.01772	0.01795	1.93036	1.65636	0.03628	0.03567	5.97E-04	3.68E-06	3.78E-06	6.50E-04	5.56E-04	4.38E-06	4.30E-06	1.8190E-03
607381.85	4202148.62	11244.76983	0.0164	0.01659	1.68625	1.45184	0.03514	0.03455	5.60E-04	3.41E-06	3.49E-06	5.68E-04	4.87E-04	4.24E-06	4.16E-06	1.6300E-03
607381.85	4202348.62	9025.45361	0.01321	0.01334	0.91408	0.84017	0.0319	0.03141	4.49E-04	2.74E-06	2.81E-06	3.08E-04	2.82E-04	3.85E-06	3.79E-06	1.0522E-03
607381.85	4202398.62	8456.31914	0.01253	0.01265	0.73858	0.69343	0.03094	0.03046	4.21E-04	2.60E-06	2.66E-06	2.49E-04	2.33E-04	3.74E-06	3.67E-06	9.1500E-04
607381.85	4202448.62	7923.33015	0.01177	0.01187	0.60384	0.57435	0.02996	0.02952	3.94E-04	2.44E-06	2.50E-06	2.03E-04	1.93E-04	3.62E-06	3.56E-06	8.0259E-04
607381.85	4202498.62	7460.97644	0.01109	0.01118	0.51462	0.49327	0.02909	0.02867	3.71E-04	2.30E-06	2.35E-06	1.73E-04	1.65E-04	3.51E-06	3.46E-06	7.2184E-04
607381.85	4202548.62	7055.84585	0.01052	0.0106	0.45108	0.43505	0.02831	0.0279	3.51E-04	2.18E-06	2.23E-06	1.52E-04	1.46E-04	3.42E-06	3.36E-06	6.6031E-04
607400.85	4201861.3	15061.70522	0.02599	0.02647	2.93845	2.46245	0.0399	0.03922	7.50E-04	5.40E-06	5.57E-06	9.90E-04	8.26E-04	4.82E-06	4.73E-06	2.5859E-03
607402.25	4201797.62	15910.51225	0.02929	0.0299	3.58586	2.88625	0.04088	0.04018	7.92E-04	6.08E-06	6.29E-06	1.21E-03	9.68E-04	4.94E-06	4.84E-06	2.9900E-03
607402.82	4201762.98	16415.66844	0.03151	0.03221	4.22638	3.23134	0.04145	0.04073	8.17E-04	6.54E-06	6.78E-06	1.42E-03	1.08E-03	5.01E-06	4.91E-06	3.3477E-03
607405.41	4201505.03	20799.3927	0.06304	0.0657	4.17406	3.49824	0.0448	0.04408	1.04E-03	1.31E-05	1.38E-05	1.41E-03	1.17E-03	5.41E-06	5.31E-06	3.6523E-03
607410.62	4201477.67	21151.24711	0.07015	0.07343	3.07512	2.726	0.04474	0.04403	1.05E-03	1.46E-05	1.54E-05	1.04E-03	9.14E-04	5.40E-06	5.31E-06	3.0437E-03
607415.83	4201531.52	19986.65535	0.05885	0.06118	3.87238	3.19242	0.04405	0.04333	9.95E-04	1.22E-05	1.29E-05	1.30E-03	1.07E-03	5.32E-06	5.22E-06	3.4056E-03
607417.02	4201708.46	16944.1121	0.03628	0.03719	3.77283	2.94457	0.04168	0.04097	8.44E-04	7.53E-06	7.82E-06	1.27E-03	9.88E-04	5.03E-06	4.94E-06	3.1272E-03
607423.16	4200737.35	22861.06264	2.92747	2.23907	0.0341	0.03244	0.02905	0.02918	1.14E-03	6.08E-04	4.71E-04	1.15E-05	1.09E-05	3.51E-06	3.52E-06	2.2465E-03
607424.97	4201746.51	16204.8697	0.03356	0.03435	2.8234	2.32863	0.04072	0.04003	8.07E-04	6.97E-06	7.23E-06	9.51E-04	7.81E-04	4.92E-06	4.82E-06	2.5626E-03
607425.67	4201675.37	17257.04663	0.03977	0.04086	3.50822	2.78568	0.04177	0.04107	8.59E-04	8.26E-06	8.60E-06	1.18E-03	9.34E-04	5.04E-06	4.95E-06	3.0019E-03
607426.11	4201803.3	15382.02314	0.02974	0.03037	2.29462	1.97714	0.03974	0.03907	7.66E-04	6.18E-06	6.39E-06	7.73E-04	6.63E-04	4.80E-06	4.71E-06	2.2238E-03
607427.56	4201582.75	18738.45549	0.05127	0.05305	3.76845	3.08289	0.04292	0.04221	9.33E-04	1.06E-05	1.12E-05	1.27E-03	1.03E-03	5.18E-06	5.09E-06	3.2682E-03
607430.39	4201618.1	18038.08578	0.04652	0.048	3.54545	2.90402	0.0423	0.0416	8.98E-04	9.66E-06	1.01E-05	1.19E-03	9.74E-04	5.11E-06	5.01E-06	3.0960E-03
607431.85	4202348.62	8765.04542	0.01353	0.01368	0.68298	0.63872	0.03034	0.02988	4.36E-04	2.81E-06	2.88E-06	2.30E-04	2.14E-04	3.66E-06	3.60E-06	8.9358E-04
607431.85	4202398.62	8217.99854	0.01269	0.01282	0.57163	0.54161	0.02941	0.02897	4.09E-04	2.64E-06	2.70E-06	1.93E-04	1.82E-04	3.55E-06	3.49E-06	7.9569E-04
607431.85	4202448.62	7752.31663	0.012	0.01211	0.49071	0.46926	0.02863	0.02821	3.86E-04	2.49E-06	2.55E-06	1.65E-04	1.57E-04	3.46E-06	3.40E-06	7.2051E-04
607431.85	4202498.62	7318.64186	0.01134	0.01144	0.42627	0.41061	0.02787	0.02747	3.64E-04	2.35E-06	2.41E-06	1.44E-04	1.38E-04	3.37E-06	3.31E-06	6.5709E-04
607431.85	4202548.62	6927.96433	0.01076	0.01085	0.37419	0.36274	0.02716	0.02678	3.45E-04	2.23E-06	2.28E-06	1.26E-04	1.22E-04	3.28E-06	3.23E-06	6.0363E-04
607437.11	4201475.93	20340.00194	0.0744	0.07807	1.95903	1.79581	0.04345	0.04277	1.01E-03	1.54E-05	1.64E-05	6.60E-04	6.02E-04	5.25E-06	5.15E-06	2.3170E-03
607438.52	4201654.18	17264.80754	0.04269	0.04395	2.82622	2.3533	0.04144	0.04075	8.60E-04	8.86E-06	9.25E-06	9.52E-04	7.89E-04	5.00E-06	4.91E-06	2.6287E-03
607441.02	4201532.39	19243.9763	0.06136	0.06389	2.32098	2.06671	0.04281	0.04212	9.58E-04	1.27E-05	1.34E-05	7.82E-04	6.93E-04	5.17E-06	5.08E-06	2.4694E-03
607441.46	4201563.66	18704.32529	0.05553	0.05762	2.63662	2.29783	0.04248	0.04179	9.31E-04	1.15E-05	1.21E-05	8.88E-04	7.71E-04	5.13E-06	5.04E-06	2.6237E-03
607444.85	4201714.71	16230.69763	0.03698	0.03793	2.22327	1.89797	0.0403	0.03962	8.08E-04	7.68E-06	7.98E-06	7.49E-04	6.37E-04	4.87E-06	4.77E-06	2.2187E-03
607445.41	4201806.14	14999.13679	0.03021	0.03086	1.77088	1.57079	0.03888	0.03824	7.47E-04	6.27E-06	6.49E-06	5.96E-04	5.27E-04	4.69E-06	4.61E-06	1.8921E-03
607450.52	4201749.92	15635.70801	0.03432	0.03514	1.90401	1.65828	0.03953	0.03887	7.78E-04	7.13E-06	7.39E-06	6.41E-04	5.56E-04	4.77E-06	4.68E-06	1.9999E-03
607455.14	4201620.93	17360.45781	0.04783	0.04938	2.18495	1.90731	0.04107	0.0404	8.64E-04	9.93E-06	1.04E-05	7.36E-04	6.40E-04	4.96E-06	4.87E-06	2.2700E-03
607455.35	4201475.06	19804.23666	0.07718	0.0811	1.55344	1.44277	0.04259	0.04193	9.86E-04	1.60E-05	1.71E-05	5.23E-04	4.84E-04	5.14E-06	5.05E-06	2.0364E-03
607459.04	4201719.25	15870.56313	0.03723	0.03819	1.82292	1.59413	0.0396	0.03895	7.90E-04	7.73E-06	8.03E-06	6.14E-04	5.35E-04	4.78E-06	4.69E-06	1.9640E-03
607461	4201530.65	18726.38315	0.06382	0.06655	1.7342	1.58702	0.04189	0.04123	9.32E-04	1.33E-05	1.40E-05	5.84E-04	5.32E-04	5.06E-06	4.97E-06	2.0859E-03
607462.74	4201564.09	18142.16324	0.05739	0.05961	1.88848	1.69476	0.04149	0.04082	9.03E-04	1.19E-05	1.25E-05	6.36E-04	5.68E-04	5.01E-06	4.92E-06	2.1421E-03
607463.02	4201659.05	16610.8939	0.04354	0.04483	1.89894	1.66353	0.04023	0.03957	8.27E-04	9.04E-06	9.43E-06	6.40E-04	5.58E-04	4.86E-06	4.77E-06	2.0526E-03
607469.83	4201761.27	15115.60593	0.03421	0.03503	1.48947	1.33332	0.03854	0.03791	7.53E-04	7.10E-06	7.37E-06	5.02E-04	4.47E-04	4.65E-06	4.57E-06	1.7251E-03
607471.54	4201807.84	14522.73035	0.03098	0.03166	1.34391	1.22185	0.0378	0.03718	7.23E-04	6.43E-06	6.66E-06	4.53E-04	4.10E-04	4.56E-06	4.48E-06	1.6076E-03
607473.47	4201205.35	23111.33554	0.35948	0.41811	0.92055	0.82778	0.04135	0.0409	1.15E-03	7.46E-05	8.80E-05	3.10E-04	2.78E-04	4.99E-06	4.93E-06	1.9108E-03
607474.9	4201475.93	19226.55394	0.07944	0.08358	1.26874	1.18998	0.04168	0.04104	9.57E-04	1.65E-05	1.76E-05	4.27E-04	3.99E-04	5.03E-06	4.95E-06	1.8277E-03
607475.65	4201620.23	16884.36289	0.04934	0.05099	1.6502	1.48013	0.04015	0.0395	8.41E-04	1.02E-05	1.07E-05	5.56E-04	4.96E-04	4.85E-06	4.76E-06	1.9234E-03
607478.35	4201723.23	15430.36945	0.03777	0.03876	1.45802	1.30447	0.03872	0.03809	7.68E-04	7.84E-06	8.15E-06	4.91E-04	4.38E-04	4.68E-06	4.59E-06	1.7221E-03
607481.85	4202348.62	8551.4348	0.01383	0.01397	0.53687	0.50762	0.02897	0.02855	4.26E-04	2.87E-06	2.94E-06	1.81E-04	1.70E-04	3.50E-06	3.44E-06	7.8956E-04
607481.85	4202398.62	8037.54403	0.01296	0.01309	0.46405	0.44251	0.02812	0.02771	4.00E-04	2.69E-06	2.75E-06	1.56E-04	1.48E-04	3.40E-06	3.34E-06	7.1704E-04
607481.85	4202448.62	7590.06569	0.01223	0.01234	0.40605	0.39012	0.02739	0.027	3.78E-04	2.54E-06	2.60E-06	1.37E-04	1.31E-04	3.31E-06	3.25E-06	6.5718E-04
607481.85	4202498.62	7181.38998	0.01158	0.01168	0.35797	0.34618	0.02672	0.02634	3.58E-04	2.40E-06	2.46E-06	1.21E-04	1.16E-04	3.23E-06	3.17E-06	6.0547E-04
607481.85	4202548.62	6805.97986	0.01099	0.01108	0.31586	0.3073	0.02607	0.02572	3.39E-04	2.28E-06	2.33E-06	1.06E-04	1.03E-04	3.15E-06	3.10E-06	5.5915E-04
607482.45	4201664.05	16111.86514	0.04407	0.0454	1.49578	1.34074	0.03931	0.03867	8.02E-04	9.15E-06	9.55E-06	5.04E-04	4.50E-04	4.75E-06	4.66E-06	1.7837E-03
607482.71	4201528.05	18198.12071	0.06661	0.06957	1.34591	1.25231	0.04094	0.04029	9.06E-04	1.38E-05	1.46E-05	4.53E-04	4.20E-04	4.94E-06	4.86E-06	1.8176E-03
607483.15	4201562.79	17654.59608	0.05944	0.06182	1.45992	1.33656	0.04059	0.03995	8.79E-04	1.23E-05	1.30E-05	4.92E-04	4.48E-04	4.90E-06	4.81E-06	1.8540E-03
607493.12	4201817.49	14065.08361	0.03114	0.03182	1.10263	1.0183	0.03684	0.03625	7.00E-04	6.47E-06	6.69E-06	3.71E-04	3.42E-04	4.45E-06	4.37E-06	1.4351E-03
607496.96	4201155.79	22718.89891	0.49414	0.57844	0.67074	0.59536	0.03985	0.03946	1.13E-03	1.03E-04	1.22E-04	2.26E-04	2.00E-04	4.81E-06	4.76E-06	1.7905E-03
607496.96	4201172.31	22568.22591	0.4381	0.50989	0.69995	0.62616	0.04007	0.03966	1.12E-03	9.10E-05	1.07E-04	2.36E-04	2.10E-04	4.84E-06	4.78E-06	1.7772E-03
607496.96	4201188.83	22407.93947	0.38865	0.44945	0.72503	0.65351	0.04027	0.03984	1.12E-03	8.07E-05	9.46E-05	2.44E-04	2.19E-04	4.86E-06	4.80E-06	1.7639E-03
607496.96	4201205.35	22238.59425	0.34531	0.39653	0.74639	0.67761	0.04044	0.04	1.11E-03	7.17E-05	8.34E-05	2.51E-04	2.27E-04	4.88E-06	4.82E-06	1.7506E-03
607496.96	4201221.87	22060.87831	0.30757	0.35055	0.76459	0.69872	0.0406	0.04014	1.10E-03	6.39E-05	7.37E-05	2.58E-04	2.34E-04	4.90E-06	4.84E-06	1.7375E-03
607498.23	4201770.36	14491.03272	0.03464	0.03547	1.13003	1.03615	0.03727	0.03667	7.21E-04	7.19E-06	7.46E-06	3.81E-04	3.48E-04	4.50E-06	4.42E-06	1.4731E-03
607498.79	4201747.08	14749.95998	0.03657	0.0375	1.16196	1.06117	0.03756	0.03696	7.34E-04	7.59E-06	7.89E-06	3.91E-04	3.56E-04	4.54E-06	4.45E-06	1.5061E-03
607499.22	4201472.89	18606.33637	0.08322	0.0877	1.01672	0.96236	0.04063	0.04001	9.26E-04	1.73E-05	1.84E-05	3.42E-04	3.23E-04	4.91E-06	4.82E-06	1.6370E-03
607502.35	4201677.74	15523.46288	0.04362	0.04493	1.2158	1.10683	0.03831	0.03769	7.73E-04	9.06E-06	9.45E-06	4.09E-04	3.71E-04	4.63E-06	4.54E-06	1.5812E-03
607506.75	4201731.18	14796.04581	0.03837	0.03938	1.11135	1.01767	0.03746	0.03686	7.37E-04	7.97E-06	8.28E-06	3.74E-04	3.41E-04	4.52E-06	4.44E-06	1.4775E-03
607507.9	4201522.4	17652.23124	0.07034	0.0736	1.05256	0.99136	0.03989	0.03927	8.79E-04	1.46E-05	1.55E-05	3.54E-04	3.33E-04	4.82E-06	4.73E-06	1.6055E-03
607509.64	4201539.77	17357.55075	0.06649	0.06941	1.07456	1.0071	0.03966	0.03905	8.64E-04	1.38E-05	1.46E-05	3.62E-04	3.38E-04	4.79E-06	4.71E-06	1.6018E-03
607510.51	4201563.23	16999.54703	0.06168	0.0642	1.11004	1.03317	0.03941	0.03879	8.46E-04	1.28E-05	1.35E-05	3.74E-04	3.47E-04	4.76E-06	4.67E-06	1.6025E-03
607517.46	4201473.76	18117.28239	0.08478	0.08937	0.88571	0.84227	0.03984	0.03924	9.02E-04	1.76E-05	1.88E-05	2.98E-04	2.83E-04	4.81E-06	4.73E-06	1.5287E-03
607518.78	4201606.08	16146.87077	0.0546	0.05659	1.06714	0.98983	0.0385	0.0379	8.04E-04	1.13E-05	1.19E-05	3.59E-04	3.32E-04	4.65E-06	4.57E-06	1.5277E-03
607520.45	4201073.19	22441.68158	0.76502	0.88343	0.38852	0.33828	0.0377	0.03741	1.12E-03	1.59E-04	1.86E-04	1.31E-04	1.13E-04	4.55E-06	4.51E-06	1.7154E-03
607520.45	4201089.71	22350.21492	0.6925	0.80196	0.4284	0.37487	0.03801	0.0377	1.11E-03	1.44E-04	1.69E-04	1.44E-04	1.26E-04	4.59E-06	4.54E-06	1.7044E-03
607520.45	4201106.23	22247.19468	0.62457	0.72371	0.46554	0.40986	0.03829	0.03796	1.11E-03	1.30E-04	1.52E-04	1.57E-04	1.37E-04	4.62E-06	4.57E-06	1.6930E-03
607520.45	4201122.75	22132.99246	0.56204	0.65031	0.49929	0.44258	0.03856	0.03821	1.10E-03	1.17E-04	1.37E-04	1.68E-04	1.48E-04	4.66E-06	4.61E-06	1.6813E-03
607520.45	4201155.79	21873.60013	0.454	0.5219	0.5566	0.50017	0.03902	0.03864	1.09E-03	9.43E-05	1.10E-04	1.87E-04	1.68E-04	4.71E-06	4.66E-06	1.6576E-03
607520.45	4201172.31	21729.77825	0.40796	0.46708	0.58068	0.52516	0.03922	0.03882	1.08E-03	8.47E-05	9.83E-05	1.96E-04	1.76E-04	4.74E-06	4.68E-06	1.6459E-03
607520.45	4201188.83	21577.34358	0.36667	0.41795	0.60204	0.54779	0.0394	0.03898	1.07E-03	7.61E-05	8.79E-05	2.03E-04	1.84E-04	4.76E-06	4.70E-06	1.6343E-03
607520.45	4201205.35	21416.84799	0.32976	0.37404	0.62088	0.5682	0.03956	0.03913	1.07E-03	6.85E-05	7.87E-05	2.09E-04	1.91E-04	4.78E-06	4.72E-06	1.6226E-03
607520.45	4201221.87	21248.76609	0.29694	0.33501	0.63746	0.58651	0.0397	0.03925	1.06E-03	6.17E-05	7.05E-05	2.15E-04	1.97E-04	4.79E-06	4.73E-06	1.6110E-03
607523.01	4201691.84	14948.2498	0.04313	0.0444	1.00933	0.93066	0.0373	0.03671	7.44E-04	8.96E-06	9.34E-06	3.40E-04	3.12E-04	4.50E-06	4.42E-06	1.4235E-03
607531.85	4202348.62	8356.45273	0.01419	0.01434	0.43667	0.41628	0.02774	0.02734	4.16E-04	2.95E-06	3.02E-06	1.47E-04	1.40E-04	3.35E-06	3.29E-06	7.1533E-04
607531.85	4202398.62	7870.15174	0.01329	0.01341	0.38549	0.36979	0.02694	0.02656	3.92E-04	2.76E-06	2.82E-06	1.30E-04	1.24E-04	3.25E-06	3.20E-06	6.5772E-04
607531.85	4202448.62	7430.12209	0.01248	0.01259	0.34038	0.32854	0.02622	0.02586	3.70E-04	2.59E-06	2.65E-06	1.15E-04	1.10E-04	3.17E-06	3.12E-06	6.0627E-04
607531.85	4202498.62	7048.47478	0.01184	0.01194	0.3042	0.29522	0.02563	0.02528	3.51E-04	2.46E-06	2.51E-06	1.02E-04	9.90E-05	3.09E-06	3.05E-06	5.6350E-04
607531.85	4202548.62	6687.37165	0.01123	0.01133	0.27017	0.26359	0.02504	0.02471	3.33E-04	2.33E-06	2.38E-06	9.10E-05	8.84E-05	3.02E-06	2.98E-06	5.2305E-04
607535.76	4201644.98	15266.85654	0.04965	0.05131	0.93067	0.86536	0.03734	0.03675	7.60E-04	1.03E-05	1.08E-05	3.13E-04	2.90E-04	4.51E-06	4.43E-06	1.3938E-03
607540.71	4201675.39	14806.12578	0.04596	0.04739	0.88984	0.82763	0.0368	0.03622	7.37E-04	9.54E-06	9.97E-06	3.00E-04	2.78E-04	4.44E-06	4.37E-06	1.3427E-03
607541.39	4201808.98	13424.44797	0.03357	0.03435	0.80291	0.75331	0.03524	0.03469	6.68E-04	6.97E-06	7.23E-06	2.70E-04	2.53E-04	4.26E-06	4.18E-06	1.2141E-03
607543.94	4201073.19	21627.28751	0.67309	0.7646	0.3396	0.29995	0.037	0.03671	1.08E-03	1.40E-04	1.61E-04	1.14E-04	1.01E-04	4.47E-06	4.42E-06	1.6012E-03
607543.94	4201089.71	21537.23888	0.61434	0.69934	0.37052	0.32873	0.03728	0.03697	1.07E-03	1.28E-04	1.47E-04	1.25E-04	1.10E-04	4.50E-06	4.46E-06	1.5909E-03
607543.94	4201106.23	21436.5732	0.55925	0.63694	0.39954	0.35637	0.03754	0.03722	1.07E-03	1.16E-04	1.34E-04	1.35E-04	1.20E-04	4.53E-06	4.49E-06	1.5805E-03
607543.94	4201122.75	21325.86733	0.50827	0.57831	0.42625	0.3824	0.03779	0.03744	1.06E-03	1.06E-04	1.22E-04	1.44E-04	1.28E-04	4.56E-06	4.51E-06	1.5698E-03
607543.94	4201172.31	20939.59972	0.38057	0.42965	0.49259	0.44952	0.0384	0.03801	1.04E-03	7.90E-05	9.04E-05	1.66E-04	1.51E-04	4.64E-06	4.58E-06	1.5378E-03
607546.5	4201792.51	13511.0169	0.03502	0.03586	0.79256	0.74321	0.03527	0.03472	6.73E-04	7.27E-06	7.54E-06	2.67E-04	2.49E-04	4.26E-06	4.18E-06	1.2121E-03
607553.31	4201751.62	13797.9964	0.0387	0.03972	0.785	0.73526	0.03551	0.03496	6.87E-04	8.04E-06	8.36E-06	2.64E-04	2.47E-04	4.29E-06	4.21E-06	1.2228E-03
607553.44	4201659.83	14752.16314	0.04862	0.0502	0.8176	0.76473	0.03649	0.03592	7.34E-04	1.01E-05	1.06E-05	2.75E-04	2.57E-04	4.41E-06	4.33E-06	1.2957E-03
607558.28	4201479.41	17049.27178	0.08617	0.09072	0.68349	0.65433	0.03815	0.03758	8.49E-04	1.79E-05	1.91E-05	2.30E-04	2.19E-04	4.61E-06	4.53E-06	1.3446E-03
607563.06	4201541.51	16142.39707	0.07007	0.0732	0.72709	0.69079	0.03749	0.03693	8.04E-04	1.46E-05	1.54E-05	2.45E-04	2.32E-04	4.53E-06	4.45E-06	1.3192E-03
607563.93	4201561.49	15861.50627	0.06587	0.06866	0.73819	0.69986	0.03727	0.03671	7.90E-04	1.37E-05	1.44E-05	2.49E-04	2.35E-04	4.50E-06	4.42E-06	1.3101E-03
607564.36	4201522.4	16356.69757	0.07468	0.07819	0.70263	0.66988	0.0376	0.03703	8.14E-04	1.55E-05	1.64E-05	2.37E-04	2.25E-04	4.54E-06	4.46E-06	1.3166E-03
607566.53	4201581.9	15513.05038	0.06207	0.06455	0.73937	0.69984	0.03692	0.03636	7.72E-04	1.29E-05	1.36E-05	2.49E-04	2.35E-04	4.46E-06	4.38E-06	1.2914E-03
607567.43	4201073.19	20857.43088	0.60098	0.67345	0.3009	0.26892	0.0363	0.03602	1.04E-03	1.25E-04	1.42E-04	1.01E-04	9.02E-05	4.38E-06	4.34E-06	1.5051E-03
607567.43	4201089.71	20768.84526	0.55221	0.6198	0.32552	0.2921	0.03657	0.03626	1.03E-03	1.15E-04	1.30E-04	1.10E-04	9.80E-05	4.42E-06	4.37E-06	1.4954E-03
607567.43	4201106.23	20670.76348	0.50643	0.56867	0.34878	0.31443	0.03681	0.03649	1.03E-03	1.05E-04	1.20E-04	1.17E-04	1.05E-04	4.44E-06	4.40E-06	1.4857E-03
607567.43	4201122.75	20563.61353	0.46389	0.52056	0.37041	0.33561	0.03704	0.0367	1.02E-03	9.63E-05	1.10E-04	1.25E-04	1.13E-04	4.47E-06	4.42E-06	1.4758E-03
607571.31	4201602.75	15121.29146	0.0584	0.06061	0.72424	0.68474	0.03646	0.03591	7.53E-04	1.21E-05	1.28E-05	2.44E-04	2.30E-04	4.40E-06	4.33E-06	1.2600E-03
607571.44	4201713.55	13864.10676	0.04318	0.04443	0.71677	0.67428	0.03525	0.03471	6.90E-04	8.97E-06	9.35E-06	2.41E-04	2.26E-04	4.26E-06	4.18E-06	1.1845E-03
607574.23	4201809.28	12977.36782	0.03488	0.03571	0.66869	0.63408	0.03419	0.03367	6.46E-04	7.24E-06	7.51E-06	2.25E-04	2.13E-04	4.13E-06	4.06E-06	1.1069E-03
607577.16	4201791.94	13102.36866	0.03636	0.03726	0.66812	0.63306	0.03431	0.03379	6.52E-04	7.55E-06	7.84E-06	2.25E-04	2.12E-04	4.14E-06	4.07E-06	1.1133E-03
607579.99	4201477.67	16579.47971	0.08792	0.09254	0.60168	0.57752	0.03732	0.03677	8.25E-04	1.83E-05	1.95E-05	2.03E-04	1.94E-04	4.51E-06	4.43E-06	1.2684E-03
607581.63	4201694.49	13878.58578	0.04571	0.0471	0.67825	0.6397	0.03508	0.03454	6.91E-04	9.49E-06	9.91E-06	2.28E-04	2.15E-04	4.24E-06	4.16E-06	1.1617E-03
607581.85	4202348.62	8157.29281	0.01461	0.01475	0.36314	0.34846	0.02657	0.0262	4.06E-04	3.03E-06	3.10E-06	1.22E-04	1.17E-04	3.21E-06	3.16E-06	6.5780E-04
607581.85	4202398.62	7702.99419	0.01366	0.01378	0.32522	0.31357	0.02583	0.02547	3.83E-04	2.84E-06	2.90E-06	1.10E-04	1.05E-04	3.12E-06	3.07E-06	6.1013E-04
607581.85	4202448.62	7292.29803	0.01284	0.01295	0.29135	0.2823	0.02517	0.02484	3.63E-04	2.67E-06	2.72E-06	9.81E-05	9.47E-05	3.04E-06	2.99E-06	5.6729E-04
607581.85	4202498.62	6921.22651	0.01214	0.01224	0.26168	0.25474	0.02461	0.02428	3.45E-04	2.52E-06	2.57E-06	8.81E-05	8.54E-05	2.97E-06	2.93E-06	5.2914E-04
607581.85	4202548.62	6573.05118	0.0115	0.0116	0.23392	0.22878	0.02406	0.02375	3.27E-04	2.39E-06	2.44E-06	7.88E-05	7.67E-05	2.91E-06	2.86E-06	4.9336E-04
607583.98	4201765.25	13254.11741	0.03892	0.03994	0.65778	0.62226	0.03441	0.03388	6.60E-04	8.08E-06	8.40E-06	2.22E-04	2.09E-04	4.15E-06	4.08E-06	1.1148E-03
607584.55	4201620.93	14644.55322	0.05599	0.05801	0.6709	0.63503	0.03576	0.03522	7.29E-04	1.16E-05	1.22E-05	2.26E-04	2.13E-04	4.32E-06	4.24E-06	1.2004E-03
607588.25	4201535.86	15692.21271	0.0728	0.07608	0.62055	0.59248	0.03658	0.03604	7.81E-04	1.51E-05	1.60E-05	2.09E-04	1.99E-04	4.42E-06	4.34E-06	1.2288E-03
607590.92	4201023.63	20332.20264	0.68027	0.74702	0.20654	0.18506	0.03479	0.03455	1.01E-03	1.41E-04	1.57E-04	6.96E-05	6.21E-05	4.20E-06	4.16E-06	1.4507E-03
607590.92	4201040.15	20274.49681	0.63248	0.69706	0.22768	0.20435	0.03508	0.03483	1.01E-03	1.31E-04	1.47E-04	7.67E-05	6.85E-05	4.24E-06	4.20E-06	1.4410E-03
607590.92	4201056.67	20206.66866	0.5867	0.6485	0.24883	0.22388	0.03536	0.0351	1.01E-03	1.22E-04	1.36E-04	8.38E-05	7.51E-05	4.27E-06	4.23E-06	1.4317E-03
607590.92	4201073.19	20129.15785	0.54305	0.60156	0.26959	0.24332	0.03563	0.03534	1.00E-03	1.13E-04	1.27E-04	9.08E-05	8.16E-05	4.30E-06	4.26E-06	1.4224E-03
607590.92	4201089.71	20042.19386	0.50174	0.55652	0.28963	0.26237	0.03587	0.03557	9.98E-04	1.04E-04	1.17E-04	9.75E-05	8.80E-05	4.33E-06	4.29E-06	1.4132E-03
607590.92	4201106.23	19946.54512	0.46294	0.5137	0.30867	0.28076	0.0361	0.03578	9.93E-04	9.61E-05	1.08E-04	1.04E-04	9.42E-05	4.36E-06	4.31E-06	1.4041E-03
607590.92	4201122.75	19841.9833	0.42678	0.47335	0.32651	0.29829	0.03631	0.03597	9.88E-04	8.86E-05	9.96E-05	1.10E-04	1.00E-04	4.38E-06	4.34E-06	1.3948E-03
607597.59	4201692.32	13645.22895	0.04671	0.04814	0.62107	0.58815	0.03455	0.03403	6.79E-04	9.70E-06	1.01E-05	2.09E-04	1.97E-04	4.17E-06	4.10E-06	1.1139E-03
607598.67	4201478.97	16158.21146	0.08831	0.09287	0.54574	0.52473	0.03661	0.03608	8.04E-04	1.83E-05	1.95E-05	1.84E-04	1.76E-04	4.42E-06	4.35E-06	1.2109E-03

607600.11	4201587.7	14786.69452	0.06272	0.06518	0.60704	0.57822	0.03559	0.03506	7.36E-04	1.30E-05	1.37E-05	2.04E-04	1.94E-04	4.30E-06	4.23E-06	1.1698E-03
607607.03	4201729.35	13251.03637	0.04335	0.04458	0.59427	0.5644	0.03405	0.03354	6.60E-04	9.00E-06	9.38E-06	2.00E-04	1.89E-04	4.11E-06	4.04E-06	1.0757E-03
607607.79	4201535.43	15311.27379	0.0738	0.07708	0.55754	0.53371	0.03587	0.03535	7.62E-04	1.53E-05	1.62E-05	1.88E-04	1.79E-04	4.33E-06	4.26E-06	1.1692E-03
607610.72	4201606.08	14357.24926	0.05974	0.06198	0.57699	0.54977	0.03499	0.03447	7.15E-04	1.24E-05	1.30E-05	1.94E-04	1.84E-04	4.23E-06	4.15E-06	1.1273E-03
607614.41	4201023.63	19642.07181	0.61434	0.66899	0.19146	0.173	0.03418	0.03394	9.78E-04	1.28E-04	1.41E-04	6.45E-05	5.80E-05	4.13E-06	4.09E-06	1.3769E-03
607614.41	4201040.15	19582.29288	0.57282	0.62566	0.20905	0.18925	0.03446	0.03421	9.75E-04	1.19E-04	1.32E-04	7.04E-05	6.35E-05	4.16E-06	4.12E-06	1.3677E-03
607614.41	4201056.67	19514.32072	0.53321	0.5838	0.22657	0.20561	0.03472	0.03445	9.72E-04	1.11E-04	1.23E-04	7.63E-05	6.90E-05	4.19E-06	4.15E-06	1.3587E-03
607614.41	4201073.19	19437.76626	0.49558	0.54357	0.24375	0.22184	0.03497	0.03468	9.68E-04	1.03E-04	1.14E-04	8.21E-05	7.44E-05	4.22E-06	4.18E-06	1.3499E-03
607614.41	4201089.71	19352.27042	0.46001	0.50511	0.26035	0.23775	0.03519	0.03489	9.63E-04	9.55E-05	1.06E-04	8.77E-05	7.97E-05	4.25E-06	4.20E-06	1.3411E-03
607614.41	4201106.23	19259.52449	0.42657	0.46859	0.27621	0.25315	0.0354	0.03509	9.59E-04	8.86E-05	9.86E-05	9.30E-05	8.49E-05	4.27E-06	4.23E-06	1.3324E-03
607615.67	4201566.48	14791.08425	0.06754	0.07031	0.54952	0.52576	0.03531	0.03479	7.36E-04	1.40E-05	1.48E-05	1.85E-04	1.76E-04	4.26E-06	4.19E-06	1.1351E-03
607618.06	4201676.37	13477.38621	0.04953	0.05111	0.55898	0.53174	0.03402	0.03351	6.71E-04	1.03E-05	1.08E-05	1.88E-04	1.78E-04	4.11E-06	4.04E-06	1.0668E-03
607620.62	4201625.88	13955.68762	0.05679	0.05882	0.54991	0.52417	0.03443	0.03392	6.95E-04	1.18E-05	1.24E-05	1.85E-04	1.76E-04	4.16E-06	4.09E-06	1.0882E-03
607623.86	4201478.54	15641.32474	0.08914	0.09364	0.48182	0.46411	0.0357	0.03519	7.79E-04	1.85E-05	1.97E-05	1.62E-04	1.56E-04	4.31E-06	4.24E-06	1.1434E-03
607628.27	4201709.56	13106.36224	0.04634	0.04773	0.53706	0.51165	0.03354	0.03305	6.53E-04	9.62E-06	1.00E-05	1.81E-04	1.72E-04	4.05E-06	3.98E-06	1.0327E-03
607631.24	4201526.31	14969.29655	0.07672	0.08015	0.49112	0.47174	0.03511	0.03461	7.45E-04	1.59E-05	1.69E-05	1.65E-04	1.58E-04	4.24E-06	4.17E-06	1.1101E-03
607631.85	4202348.62	7955.68741	0.01504	0.0152	0.3072	0.29627	0.02547	0.02512	3.96E-04	3.12E-06	3.20E-06	1.03E-04	9.94E-05	3.08E-06	3.03E-06	6.1134E-04
607631.85	4202398.62	7528.37487	0.01403	0.01417	0.2774	0.26861	0.02477	0.02444	3.75E-04	2.91E-06	2.98E-06	9.34E-05	9.01E-05	2.99E-06	2.95E-06	5.7016E-04
607631.85	4202448.62	7156.98181	0.01322	0.01334	0.2521	0.24508	0.0242	0.02388	3.56E-04	2.75E-06	2.81E-06	8.49E-05	8.22E-05	2.92E-06	2.88E-06	5.3477E-04
607631.85	4202498.62	6801.3515	0.01247	0.01258	0.22784	0.2224	0.02366	0.02336	3.39E-04	2.59E-06	2.65E-06	7.67E-05	7.46E-05	2.86E-06	2.82E-06	5.0085E-04
607631.85	4202548.62	6466.41347	0.0118	0.0119	0.20493	0.20085	0.02316	0.02286	3.22E-04	2.45E-06	2.50E-06	6.90E-05	6.74E-05	2.80E-06	2.76E-06	4.6883E-04
607636.96	4201667.56	13281.95048	0.05147	0.05315	0.5105	0.48735	0.0335	0.03301	6.61E-04	1.07E-05	1.12E-05	1.72E-04	1.63E-04	4.05E-06	3.98E-06	1.0265E-03
607637.9	4201023.63	18986.11094	0.5602	0.60543	0.17813	0.16215	0.03358	0.03335	9.45E-04	1.16E-04	1.27E-04	6.00E-05	5.44E-05	4.05E-06	4.02E-06	1.3114E-03
607637.9	4201040.15	18927.02452	0.5237	0.5674	0.19297	0.176	0.03384	0.0336	9.42E-04	1.09E-04	1.19E-04	6.50E-05	5.90E-05	4.09E-06	4.05E-06	1.3026E-03
607637.9	4201056.67	18858.03713	0.489	0.53089	0.20769	0.18988	0.03409	0.03382	9.39E-04	1.02E-04	1.12E-04	6.99E-05	6.37E-05	4.12E-06	4.08E-06	1.2939E-03
607637.9	4201073.19	18782.40449	0.45612	0.49593	0.22212	0.20363	0.03432	0.03404	9.35E-04	9.47E-05	1.04E-04	7.48E-05	6.83E-05	4.14E-06	4.10E-06	1.2855E-03
607637.9	4201089.71	18699.4678	0.42503	0.46259	0.2361	0.2171	0.03453	0.03423	9.31E-04	8.83E-05	9.73E-05	7.95E-05	7.28E-05	4.17E-06	4.13E-06	1.2772E-03
607637.9	4201106.23	18609.41756	0.3958	0.43097	0.24951	0.23017	0.03472	0.03441	9.26E-04	8.22E-05	9.07E-05	8.40E-05	7.72E-05	4.19E-06	4.15E-06	1.2689E-03
607638.19	4201499.38	15132.57588	0.08359	0.08755	0.46192	0.44486	0.03506	0.03456	7.53E-04	1.74E-05	1.84E-05	1.56E-04	1.49E-04	4.23E-06	4.17E-06	1.1023E-03
607646.08	4201557.29	14362.43533	0.07035	0.07325	0.47058	0.45187	0.03436	0.03387	7.15E-04	1.46E-05	1.54E-05	1.58E-04	1.52E-04	4.15E-06	4.08E-06	1.0633E-03
607647.58	4201700.87	12914.89223	0.04802	0.04949	0.4909	0.46965	0.03304	0.03255	6.43E-04	9.97E-06	1.04E-05	1.65E-04	1.58E-04	3.99E-06	3.92E-06	9.9413E-04
607655.79	4201662.74	13060.78894	0.05286	0.0546	0.46878	0.44882	0.03298	0.0325	6.50E-04	1.10E-05	1.15E-05	1.58E-04	1.51E-04	3.98E-06	3.92E-06	9.8902E-04
607661.39	4201023.63	18364.10321	0.51503	0.55279	0.16628	0.15237	0.033	0.03277	9.14E-04	1.07E-04	1.16E-04	5.60E-05	5.11E-05	3.98E-06	3.95E-06	1.2526E-03
607661.39	4201040.15	18303.91273	0.48261	0.5191	0.17894	0.1643	0.03324	0.033	9.11E-04	1.00E-04	1.09E-04	6.03E-05	5.51E-05	4.01E-06	3.98E-06	1.2441E-03
607661.39	4201056.67	18237.11428	0.45185	0.48688	0.19147	0.17621	0.03347	0.03321	9.08E-04	9.38E-05	1.02E-04	6.45E-05	5.91E-05	4.04E-06	4.00E-06	1.2358E-03
607661.39	4201073.19	18161.87866	0.42275	0.45612	0.20377	0.18799	0.03369	0.03341	9.04E-04	8.78E-05	9.60E-05	6.86E-05	6.31E-05	4.07E-06	4.03E-06	1.2277E-03
607661.39	4201089.71	18080.15584	0.39528	0.42686	0.21569	0.19955	0.03388	0.03359	9.00E-04	8.21E-05	8.98E-05	7.26E-05	6.69E-05	4.09E-06	4.05E-06	1.2197E-03
607661.39	4201106.23	17992.6635	0.36942	0.39912	0.22717	0.21079	0.03406	0.03375	8.96E-04	7.67E-05	8.40E-05	7.65E-05	7.07E-05	4.11E-06	4.07E-06	1.2118E-03
607664.96	4201692.67	12741.0586	0.04954	0.05108	0.45433	0.43576	0.03258	0.03211	6.34E-04	1.03E-05	1.07E-05	1.53E-04	1.46E-04	3.93E-06	3.87E-06	9.6233E-04
607665.17	4201577.8	13778.02934	0.06681	0.06941	0.43833	0.42143	0.03348	0.033	6.86E-04	1.39E-05	1.46E-05	1.48E-04	1.41E-04	4.04E-06	3.98E-06	1.0114E-03
607665.17	4201609.62	13417.51963	0.06096	0.06317	0.44384	0.42607	0.03313	0.03266	6.68E-04	1.27E-05	1.33E-05	1.49E-04	1.43E-04	4.00E-06	3.94E-06	9.9427E-04
607672.95	4201521.22	14272.91392	0.07863	0.08205	0.4055	0.39103	0.03374	0.03327	7.11E-04	1.63E-05	1.73E-05	1.37E-04	1.31E-04	4.07E-06	4.01E-06	1.0200E-03
607675.07	4201495.76	14491.77292	0.08486	0.08874	0.39217	0.37866	0.03384	0.03337	7.21E-04	1.76E-05	1.87E-05	1.32E-04	1.27E-04	4.09E-06	4.02E-06	1.0250E-03
607675.1	4201657.91	12835.00723	0.05414	0.05592	0.4314	0.41412	0.03244	0.03198	6.39E-04	1.12E-05	1.18E-05	1.45E-04	1.39E-04	3.92E-06	3.85E-06	9.5397E-04
607681.85	4202348.62	7763.97014	0.01551	0.01568	0.26397	0.25567	0.02447	0.02415	3.87E-04	3.22E-06	3.30E-06	8.89E-05	8.58E-05	2.95E-06	2.91E-06	5.7358E-04
607681.85	4202398.62	7378.00636	0.01448	0.01463	0.24119	0.23434	0.02384	0.02353	3.67E-04	3.01E-06	3.08E-06	8.12E-05	7.86E-05	2.88E-06	2.84E-06	5.3895E-04
607681.85	4202448.62	7024.21709	0.01361	0.01374	0.22033	0.21481	0.02329	0.02299	3.50E-04	2.83E-06	2.89E-06	7.42E-05	7.20E-05	2.81E-06	2.77E-06	5.0726E-04
607681.85	4202498.62	6686.45725	0.01282	0.01294	0.20037	0.19603	0.02278	0.0225	3.33E-04	2.66E-06	2.72E-06	6.75E-05	6.58E-05	2.75E-06	2.71E-06	4.7697E-04
607681.85	4202548.62	6364.96921	0.01211	0.01222	0.18128	0.17798	0.02231	0.02203	3.17E-04	2.51E-06	2.57E-06	6.11E-05	5.97E-05	2.69E-06	2.66E-06	4.4807E-04
607682.14	4201602.55	13229.79566	0.06253	0.06481	0.41174	0.3961	0.03267	0.0322	6.59E-04	1.30E-05	1.36E-05	1.39E-04	1.33E-04	3.94E-06	3.88E-06	9.6462E-04
607684.88	4201023.63	17772.8614	0.47667	0.50845	0.15574	0.14356	0.03243	0.0322	8.85E-04	9.90E-05	1.07E-04	5.25E-05	4.82E-05	3.92E-06	3.88E-06	1.1992E-03
607684.88	4201040.15	17713.39613	0.4476	0.47835	0.16666	0.15391	0.03266	0.03241	8.82E-04	9.29E-05	1.01E-04	5.61E-05	5.16E-05	3.94E-06	3.91E-06	1.1911E-03
607684.88	4201056.67	17645.77696	0.4201	0.44965	0.17745	0.16424	0.03287	0.03261	8.79E-04	8.72E-05	9.46E-05	5.98E-05	5.51E-05	3.97E-06	3.93E-06	1.1831E-03
607684.88	4201073.19	17572.84915	0.3941	0.42233	0.18803	0.17445	0.03307	0.03279	8.75E-04	8.18E-05	8.88E-05	6.33E-05	5.85E-05	3.99E-06	3.95E-06	1.1753E-03
607684.88	4201089.71	17493.7834	0.36956	0.39637	0.19833	0.18447	0.03325	0.03296	8.71E-04	7.67E-05	8.34E-05	6.68E-05	6.19E-05	4.01E-06	3.97E-06	1.1677E-03
607684.88	4201106.23	17408.93926	0.34646	0.37177	0.20827	0.19423	0.03342	0.03311	8.67E-04	7.19E-05	7.82E-05	7.01E-05	6.51E-05	4.04E-06	3.99E-06	1.1602E-03
607687.16	4201688.32	12475.62076	0.05062	0.0522	0.41342	0.39764	0.03196	0.0315	6.21E-04	1.05E-05	1.10E-05	1.39E-04	1.33E-04	3.86E-06	3.80E-06	9.2286E-04
607689.92	4201541.02	13774.35193	0.07446	0.0775	0.38444	0.37112	0.03303	0.03256	6.86E-04	1.55E-05	1.63E-05	1.29E-04	1.24E-04	3.99E-06	3.92E-06	9.7940E-04
607691.99	4201650.19	12666.25109	0.0556	0.05745	0.4018	0.38653	0.032	0.03155	6.31E-04	1.15E-05	1.21E-05	1.35E-04	1.30E-04	3.86E-06	3.80E-06	9.2686E-04
607694.87	4201484.45	14255.83334	0.0877	0.0917	0.35837	0.34654	0.03328	0.03282	7.10E-04	1.82E-05	1.93E-05	1.21E-04	1.16E-04	4.02E-06	3.96E-06	9.9214E-04
607700.53	4201594.06	13036.3663	0.06424	0.06659	0.38076	0.36703	0.03218	0.03172	6.49E-04	1.33E-05	1.40E-05	1.28E-04	1.23E-04	3.89E-06	3.82E-06	9.3542E-04
607708.37	4201023.63	17210.52246	0.44363	0.47059	0.14633	0.1356	0.03187	0.03164	8.57E-04	9.21E-05	9.90E-05	4.93E-05	4.55E-05	3.85E-06	3.81E-06	1.1504E-03
607708.37	4201040.15	17150.59387	0.4174	0.4435	0.15583	0.14468	0.03209	0.03184	8.54E-04	8.67E-05	9.33E-05	5.25E-05	4.85E-05	3.87E-06	3.84E-06	1.1426E-03
607708.37	4201056.67	17084.46888	0.3926	0.41773	0.16521	0.15371	0.03228	0.03202	8.51E-04	8.15E-05	8.79E-05	5.56E-05	5.16E-05	3.90E-06	3.86E-06	1.1349E-03
607708.4	4201680.6	12243.96742	0.05203	0.05367	0.37998	0.36634	0.03138	0.03094	6.10E-04	1.08E-05	1.13E-05	1.28E-04	1.23E-04	3.79E-06	3.73E-06	8.9003E-04
607715.16	4201646.81	12385.3694	0.0565	0.05837	0.36694	0.35388	0.03137	0.03093	6.17E-04	1.17E-05	1.23E-05	1.24E-04	1.19E-04	3.79E-06	3.73E-06	8.9042E-04
607715.38	4201481.62	13929.24808	0.08816	0.09211	0.33082	0.32029	0.03264	0.0322	6.93E-04	1.83E-05	1.94E-05	1.11E-04	1.07E-04	3.94E-06	3.88E-06	9.5783E-04
607716.09	4201541.02	13339.44422	0.07448	0.07745	0.34788	0.33641	0.03218	0.03174	6.64E-04	1.55E-05	1.63E-05	1.17E-04	1.13E-04	3.89E-06	3.83E-06	9.3358E-04
607720.33	4201594.77	12739.56635	0.06426	0.06657	0.35278	0.34061	0.03157	0.03113	6.34E-04	1.33E-05	1.40E-05	1.19E-04	1.14E-04	3.81E-06	3.75E-06	9.0222E-04
607731.85	4202348.62	7573.53343	0.01595	0.01614	0.2295	0.22304	0.02354	0.02323	3.77E-04	3.31E-06	3.40E-06	7.73E-05	7.48E-05	2.84E-06	2.80E-06	5.4151E-04
607731.85	4202398.62	7228.16299	0.01492	0.01508	0.21168	0.20626	0.02297	0.02268	3.60E-04	3.10E-06	3.17E-06	7.13E-05	6.92E-05	2.77E-06	2.73E-06	5.1211E-04
607731.85	4202448.62	6893.04299	0.01399	0.01413	0.19428	0.18986	0.02244	0.02217	3.43E-04	2.91E-06	2.97E-06	6.54E-05	6.37E-05	2.71E-06	2.67E-06	4.8355E-04
607731.85	4202498.62	6570.75462	0.01316	0.01328	0.17752	0.17401	0.02195	0.02169	3.27E-04	2.73E-06	2.79E-06	5.98E-05	5.84E-05	2.65E-06	2.61E-06	4.5607E-04
607731.85	4202548.62	6266.02719	0.01242	0.01253	0.16164	0.15893	0.02151	0.02125	3.12E-04	2.58E-06	2.64E-06	5.44E-05	5.33E-05	2.60E-06	2.56E-06	4.3008E-04
607733.02	4201646.81	12152.92103	0.05671	0.05857	0.34346	0.33177	0.03087	0.03044	6.05E-04	1.18E-05	1.23E-05	1.16E-04	1.11E-04	3.73E-06	3.67E-06	8.6349E-04
607733.02	4201674.32	11967.5192	0.05316	0.05483	0.34631	0.33464	0.03072	0.0303	5.96E-04	1.10E-05	1.15E-05	1.17E-04	1.12E-04	3.71E-06	3.65E-06	8.5462E-04
607737.3	4201483.03	13548.34515	0.08741	0.09119	0.3065	0.29707	0.03195	0.03152	6.75E-04	1.82E-05	1.92E-05	1.03E-04	9.96E-05	3.86E-06	3.80E-06	9.2237E-04
607748.62	4201581.33	12461.22412	0.06653	0.06892	0.31648	0.30627	0.03086	0.03044	6.20E-04	1.38E-05	1.45E-05	1.07E-04	1.03E-04	3.73E-06	3.67E-06	8.6541E-04
607751.45	4201596.89	12290.79326	0.06395	0.06618	0.31556	0.30536	0.03067	0.03025	6.12E-04	1.33E-05	1.39E-05	1.06E-04	1.02E-04	3.70E-06	3.65E-06	8.5515E-04
607754.26	4201674.32	11702.1494	0.05333	0.05497	0.32126	0.311	0.03014	0.02973	5.83E-04	1.11E-05	1.16E-05	1.08E-04	1.04E-04	3.64E-06	3.58E-06	8.2497E-04
607754.74	4201641.98	11913.54418	0.0575	0.05936	0.31764	0.3074	0.03031	0.02989	5.93E-04	1.19E-05	1.25E-05	1.07E-04	1.03E-04	3.66E-06	3.60E-06	8.3490E-04
607756.4	4201533.95	12781.2957	0.07544	0.07836	0.2999	0.29061	0.03101	0.03059	6.36E-04	1.57E-05	1.65E-05	1.01E-04	9.75E-05	3.74E-06	3.69E-06	8.7438E-04
607756.4	4201557.99	12562.71906	0.0707	0.07332	0.30445	0.29491	0.03082	0.0304	6.25E-04	1.47E-05	1.54E-05	1.03E-04	9.89E-05	3.72E-06	3.66E-06	8.6439E-04
607759.93	4201485.86	13154.23077	0.08611	0.0897	0.28518	0.27661	0.03124	0.03082	6.55E-04	1.79E-05	1.89E-05	9.60E-05	9.28E-05	3.77E-06	3.71E-06	8.8795E-04
607825.82	4201172.31	14158.77336	0.20523	0.2144	0.15671	0.15023	0.03015	0.02983	7.05E-04	4.26E-05	4.51E-05	5.28E-05	5.04E-05	3.64E-06	3.60E-06	9.0303E-04
607825.82	4201188.83	14078.44207	0.19517	0.20388	0.16121	0.15478	0.03019	0.02987	7.01E-04	4.05E-05	4.29E-05	5.43E-05	5.19E-05	3.65E-06	3.60E-06	8.9778E-04
607825.82	4201205.35	13995.42069	0.1857	0.19395	0.16561	0.15926	0.03021	0.02989	6.97E-04	3.86E-05	4.08E-05	5.58E-05	5.34E-05	3.65E-06	3.60E-06	8.9258E-04
607825.82	4201221.87	13910.31434	0.17676	0.18457	0.16995	0.16366	0.03023	0.0299	6.93E-04	3.67E-05	3.88E-05	5.72E-05	5.49E-05	3.65E-06	3.60E-06	8.8745E-04
607825.82	4201238.39	13822.16974	0.16833	0.17572	0.17423	0.168	0.03024	0.0299	6.88E-04	3.50E-05	3.70E-05	5.87E-05	5.63E-05	3.65E-06	3.60E-06	8.8235E-04
607849.31	4201172.31	13756.89625	0.19737	0.20557	0.14763	0.14181	0.02957	0.02927	6.85E-04	4.10E-05	4.32E-05	4.97E-05	4.76E-05	3.57E-06	3.53E-06	8.7351E-04
607849.31	4201188.83	13679.45411	0.188	0.1958	0.1518	0.14602	0.02961	0.02929	6.81E-04	3.90E-05	4.12E-05	5.11E-05	4.90E-05	3.58E-06	3.53E-06	8.6848E-04
607849.31	4201205.35	13598.88557	0.17915	0.18656	0.15589	0.15015	0.02963	0.02931	6.77E-04	3.72E-05	3.92E-05	5.25E-05	5.04E-05	3.58E-06	3.53E-06	8.6345E-04
607849.31	4201221.87	13517.56816	0.1708	0.17783	0.15992	0.15423	0.02964	0.02931	6.73E-04	3.55E-05	3.74E-05	5.39E-05	5.17E-05	3.58E-06	3.53E-06	8.5856E-04
607849.31	4201238.39	13434.68297	0.16291	0.16958	0.16389	0.15824	0.02964	0.02931	6.69E-04	3.38E-05	3.57E-05	5.52E-05	5.31E-05	3.58E-06	3.53E-06	8.5374E-04
607872.8	4201172.31	13373.67244	0.19005	0.1974	0.1395	0.13425	0.02902	0.02872	6.66E-04	3.95E-05	4.15E-05	4.70E-05	4.50E-05	3.50E-06	3.46E-06	8.4579E-04
607872.8	4201188.83	13299.07591	0.1813	0.18831	0.14336	0.13815	0.02904	0.02874	6.62E-04	3.76E-05	3.96E-05	4.83E-05	4.63E-05	3.51E-06	3.46E-06	8.4096E-04
607872.8	4201205.35	13222.20434	0.17302	0.17969	0.14716	0.14198	0.02906	0.02875	6.58E-04	3.59E-05	3.78E-05	4.96E-05	4.76E-05	3.51E-06	3.46E-06	8.3616E-04
607872.8	4201221.87	13143.82991	0.16519	0.17154	0.1509	0.14576	0.02907	0.02875	6.54E-04	3.43E-05	3.61E-05	5.08E-05	4.89E-05	3.51E-06	3.46E-06	8.3145E-04
607872.8	4201238.39	13063.68998	0.15778	0.16382	0.15458	0.14948	0.02906	0.02874	6.50E-04	3.28E-05	3.45E-05	5.21E-05	5.01E-05	3.51E-06	3.46E-06	8.2678E-04
608186.19	4200763.95	10298.01486	0.25081	0.25428	0.03696	0.03562	0.02117	0.02108	5.13E-04	5.21E-05	5.35E-05	1.24E-05	1.19E-05	2.56E-06	2.54E-06	6.4776E-04
608186.19	4200771.55	10297.8093	0.24763	0.25111	0.0377	0.03634	0.02124	0.02115	5.13E-04	5.14E-05	5.28E-05	1.27E-05	1.22E-05	2.56E-06	2.55E-06	6.4693E-04
608186.19	4200756.35	10297.13766	0.254	0.25746	0.03623	0.03491	0.02109	0.02101	5.13E-04	5.27E-05	5.42E-05	1.22E-05	1.17E-05	2.55E-06	2.53E-06	6.4855E-04
608186.19	4200779.15	10296.56561	0.24446	0.24794	0.03845	0.03706	0.02131	0.02122	5.13E-04	5.08E-05	5.22E-05	1.29E-05	1.24E-05	2.57E-06	2.56E-06	6.4605E-04
608186.19	4200748.75	10295.29699	0.25719	0.26065	0.0355	0.03421	0.02102	0.02094	5.13E-04	5.34E-05	5.48E-05	1.20E-05	1.15E-05	2.54E-06	2.52E-06	6.4929E-04
608186.19	4200786.75	10294.30803	0.24131	0.2448	0.0392	0.03779	0.02138	0.02129	5.13E-04	5.01E-05	5.15E-05	1.32E-05	1.27E-05	2.58E-06	2.57E-06	6.4514E-04
608186.19	4200741.15	10292.55982	0.2604	0.26385	0.03479	0.03351	0.02094	0.02086	5.12E-04	5.41E-05	5.55E-05	1.17E-05	1.12E-05	2.53E-06	2.51E-06	6.5000E-04
608186.19	4200794.35	10291.44769	0.23818	0.24167	0.03996	0.03853	0.02145	0.02135	5.12E-04	4.95E-05	5.08E-05	1.35E-05	1.29E-05	2.59E-06	2.57E-06	6.4421E-04
608186.19	4200733.55	10289.19836	0.26362	0.26706	0.03408	0.03283	0.02086	0.02079	5.12E-04	5.47E-05	5.62E-05	1.15E-05	1.10E-05	2.52E-06	2.51E-06	6.5069E-04
608186.19	4200801.95	10288.06323	0.23508	0.23856	0.04072	0.03928	0.02152	0.02142	5.12E-04	4.88E-05	5.02E-05	1.37E-05	1.32E-05	2.60E-06	2.58E-06	6.4327E-04
608186.19	4200809.55	10283.70608	0.23199	0.23547	0.0415	0.04003	0.02159	0.02148	5.12E-04	4.82E-05	4.95E-05	1.40E-05	1.34E-05	2.61E-06	2.59E-06	6.4229E-04
608186.19	4200817.15	10278.54755	0.22892	0.2324	0.04227	0.04079	0.02165	0.02154	5.12E-04	4.75E-05	4.89E-05	1.42E-05	1.37E-05	2.61E-06	2.60E-06	6.4128E-04
608186.19	4200824.75	10272.5375	0.22588	0.22936	0.04306	0.04155	0.02171	0.0216	5.11E-04	4.69E-05	4.83E-05	1.45E-05	1.39E-05	2.62E-06	2.60E-06	6.4024E-04
608186.19	4200832.35	10265.80646	0.22286	0.22633	0.04384	0.04232	0.02177	0.02166	5.11E-04	4.63E-05	4.76E-05	1.48E-05	1.42E-05	2.63E-06	2.61E-06	6.3918E-04
608186.19	4200839.95	10258.30073	0.21987	0.22333	0.04463	0.0431	0.02183	0.02172	5.11E-04	4.57E-05	4.70E-05	1.50E-05	1.45E-05	2.64E-06	2.62E-06	6.3810E-04
608186.19	4200847.55	10250.15221	0.21691	0.22036	0.04542	0.04387	0.02189	0.02177	5.10E-04	4.50E-05	4.64E-05	1.53E-05	1.47E-05	2.64E-06	2.62E-06	6.3699E-04
608186.19	4200855.15	10241.39239	0.21397	0.21741	0.04622	0.04465	0.02195	0.02183	5.10E-04	4.44E-05	4.57E-05	1.56E-05	1.50E-05	2.65E-06	2.63E-06	6.3587E-04
608186.19	4200862.75	10231.93661	0.21106	0.21449	0.04702	0.04544	0.022	0.02188	5.09E-04	4.38E-05	4.51E-05	1.58E-05	1.52E-05	2.66E-06	2.64E-06	6.3472E-04
608186.19	4200870.35	10221.77485	0.20818	0.2116	0.04782	0.04623	0.02206	0.02193	5.09E-04	4.32E-05	4.45E-05	1.61E-05	1.55E-05	2.66E-06	2.64E-06	6.3356E-04
608193.06	4200763.95	10232.68089	0.24621	0.2496	0.03686	0.03553	0.02109	0.02101	5.09E-04	5.11E-05	5.25E-05	1.24E-05	1.19E-05	2.55E-06	2.53E-06	6.4249E-04
608193.06	4200771.55	10232.41306	0.24313	0.24653	0.03759	0.03624	0.02117	0.02108	5.09E-04	5.05E-05	5.19E-05	1.27E-05	1.22E-05	2.56E-06	2.54E-06	6.4169E-04
608193.06	4200756.35	10231.96322	0.2493	0.25269	0.03613	0.03483	0.02102	0.02094	5.09E-04	5.18E-05	5.32E-05	1.22E-05	1.17E-05	2.54E-06	2.52E-06	6.4324E-04
608193.06	4200779.15	10230.93516	0.24007	0.24347	0.03833	0.03696	0.02124	0.02114	5.09E-04	4.99E-05	5.12E-05	1.29E-05	1.24E-05	2.56E-06	2.55E-06	6.4084E-04
608193.06	4200748.75	10230.50302	0.2524	0.25578	0.03542	0.03414	0.02095	0.02087	5.09E-04	5.24E-05	5.38E-05	1.19E-05	1.15E-05	2.53E-06	2.52E-06	6.4398E-04
608193.06	4200786.75	10228.46484	0.23701	0.24041	0.03907	0.03768	0.02131	0.02121	5.09E-04	4.92E-05	5.06E-05	1.32E-05	1.26E-05	2.57E-06	2.56E-06	6.3995E-04
608193.06	4200741.15	10228.37438	0.25551	0.25888	0.03471	0.03345	0.02087	0.02079	5.09E-04	5.31E-05	5.45E-05	1.17E-05	1.12E-05	2.52E-06	2.51E-06	6.4468E-04
608193.06	4200794.35	10225.40097	0.23397	0.23738	0.03982	0.03841	0.02137	0.02128	5.09E-04	4.86E-05	4.99E-05	1.34E-05	1.29E-05	2.58E-06	2.56E-06	6.3904E-04
608193.06	4200733.55	10225.12288	0.25862	0.26198	0.03401	0.03278	0.02079	0.02072	5.09E-04	5.37E-05	5.51E-05	1.15E-05	1.10E-05	2.51E-06	2.50E-06	6.4534E-04
608193.06	4200801.95	10221.54231	0.23096	0.23436	0.04058	0.03915	0.02144	0.02134	5.09E-04	4.80E-05	4.93E-05	1.37E-05	1.31E-05	2.59E-06	2.57E-06	6.3811E-04
608193.06	4200809.55	10216.82479	0.22796	0.23136	0.04134	0.03989	0.02151	0.0214	5.09E-04	4.73E-05	4.87E-05	1.39E-05	1.34E-05	2.60E-06	2.58E-06	6.3714E-04
608193.06	4200817.15	10211.51012	0.22498	0.22838	0.0421	0.04064	0.02157	0.02146	5.08E-04	4.67E-05	4.80E-05	1.42E-05	1.36E-05	2.60E-06	2.59E-06	6.3615E-04
608193.06	4200824.75	10205.63818	0.22203	0.22543	0.04287	0.04139	0.02163	0.02152	5.08E-04	4.61E-05	4.74E-05	1.44E-05	1.39E-05	2.61E-06	2.59E-06	6.3515E-04
608193.06	4200832.35	10198.97522	0.2191	0.22249	0.04365	0.04215	0.02169	0.02158	5.08E-04	4.55E-05	4.68E-05	1.47E-05	1.41E-05	2.62E-06	2.60E-06	6.3412E-04
608193.06	4200839.95	10191.36756	0.21619	0.21958	0.04442	0.04291	0.02175	0.02163	5.07E-04	4.49E-05	4.62E-05	1.50E-05	1.44E-05	2.63E-06	2.61E-06	6.3306E-04
608193.06	4200847.55	10183.12196	0.21331	0.21669	0.04521	0.04368	0.02181	0.02169	5.07E-04	4.43E-05	4.56E-05	1.52E-05	1.47E-05	2.63E-06	2.61E-06	6.3198E-04
608193.06	4200855.15	10174.27359	0.21046	0.21382	0.04599	0.04445	0.02186	0.02174	5.07E-04	4.37E-05	4.50E-05	1.55E-05	1.49E-05	2.64E-06	2.62E-06	6.3088E-04
608193.06	4200862.75	10164.74382	0.20763	0.21098	0.04678	0.04522	0.02192	0.02179	5.06E-04	4.31E-05	4.44E-05	1.58E-05	1.52E-05	2.65E-06	2.63E-06	6.2975E-04
608193.06	4200870.35	10154.62802	0.20483	0.20817	0.04757	0.046	0.02197	0.02184	5.06E-04	4.25E-05	4.38E-05	1.60E-05	1.54E-05	2.65E-06	2.63E-06	6.2862E-04
608199.93	4200763.95	10168.16804	0.24174	0.24505	0.03676	0.03545	0.02102	0.02093	5.06E-04	5.02E-05	5.16E-05	1.24E-05	1.19E-05	2.54E-06	2.52E-06	6.3731E-04
608199.93	4200771.55	10167.65094	0.23875	0.24207	0.03748	0.03615	0.02109	0.021	5.06E-04	4.96E-05	5.09E-05	1.26E-05	1.21E-05	2.55E-06	2.53E-06	6.3653E-04
608199.93	4200756.35	10167.60016	0.24473	0.24804	0.03604	0.03476	0.02095	0.02086	5.06E-04	5.08E-05	5.22E-05	1.21E-05	1.17E-05	2.53E-06	2.51E-06	6.3804E-04
608199.93	4200748.75	10166.41283	0.24773	0.25103	0.03533	0.03407	0.02087	0.02079	5.06E-04	5.14E-05	5.28E-05	1.19E-05	1.14E-05	2.52E-06	2.51E-06	6.3875E-04
608199.93	4200779.15	10165.93868	0.23578	0.2391	0.03821	0.03685	0.02116	0.02107	5.06E-04	4.90E-05	5.03E-05	1.29E-05	1.24E-05	2.56E-06	2.54E-06	6.3570E-04
608199.93	4200741.15	10164.68701	0.25074	0.25403	0.03464	0.0334	0.0208	0.02072	5.06E-04	5.21E-05	5.34E-05	1.17E-05	1.12E-05	2.51E-06	2.50E-06	6.3944E-04
608199.93	4200786.75	10163.3566	0.23282	0.23614	0.03894	0.03757	0.02123	0.02113	5.06E-04	4.83E-05	4.97E-05	1.31E-05	1.26E-05	2.56E-06	2.55E-06	6.3484E-04
608199.93	4200733.55	10161.64036	0.25375	0.25703	0.03394	0.03273	0.02072	0.02065	5.06E-04	5.27E-05	5.41E-05	1.14E-05	1.10E-05	2.50E-06	2.49E-06	6.4007E-04
608199.93	4200794.35	10159.99893	0.22987	0.2332	0.03968	0.03829	0.0213	0.0212	5.06E-04	4.77E-05	4.91E-05	1.34E-05	1.28E-05	2.57E-06	2.55E-06	6.3395E-04
608199.93	4200801.95	10155.87366	0.22694	0.23027	0.04042	0.03902	0.02136	0.02126	5.06E-04	4.71E-05	4.84E-05	1.36E-05	1.31E-05	2.58E-06	2.56E-06	6.3303E-04
608199.93	4200809.55	10150.89496	0.22402	0.22735	0.04117	0.03975	0.02143	0.02132	5.05E-04	4.65E-05	4.78E-05	1.39E-05	1.33E-05	2.59E-06	2.57E-06	6.3207E-04
608199.93	4200817.15	10145.3305	0.22113	0.22446	0.04193	0.04049	0.02149	0.02138	5.05E-04	4.59E-05	4.72E-05	1.41E-05	1.36E-05	2.59E-06	2.58E-06	6.3110E-04
608199.93	4200824.75	10139.2251	0.21827	0.22159	0.04269	0.04123	0.02155	0.02144	5.05E-04	4.53E-05	4.66E-05	1.44E-05	1.38E-05	2.60E-06	2.58E-06	6.3012E-04
608199.93	4200832.35	10132.63287	0.21543	0.21874	0.04345	0.04198	0.02161	0.02149	5.04E-04	4.47E-05	4.60E-05	1.46E-05	1.41E-05	2.61E-06	2.59E-06	6.2913E-04
608199.93	4200839.95	10125.02443	0.2126	0.21591	0.04422	0.04273	0.02167	0.02155	5.04E-04	4.41E-05	4.54E-05	1.49E-05	1.43E-05	2.62E-06	2.60E-06	6.2809E-04
608199.93	4200847.55	10116.77672	0.2098	0.2131	0.04499	0.04348	0.02172	0.0216	5.04E-04	4.36E-05	4.48E-05	1.52E-05	1.46E-05	2.62E-06	2.60E-06	6.2703E-04
608199.93	4200855.15	10107.8406	0.20703	0.21031	0.04576	0.04424	0.02178	0.02165	5.03E-04	4.30E-05	4.42E-05	1.54E-05	1.48E-05	2.63E-06	2.61E-06	6.2595E-04
608199.93	4200862.75	10098.2432	0.20428	0.20755	0.04654	0.045	0.02183	0.0217	5.03E-04	4.24E-05	4.37E-05	1.57E-05	1.51E-05	2.64E-06	2.62E-06	6.2485E-04
608199.93	4200870.35	10088.08727	0.20155	0.20482	0.04732	0.04577	0.02188	0.02175	5.02E-04	4.19E-05	4.31E-05	1.59E-05	1.54E-05	2.64E-06	2.62E-06	6.2374E-04
608206.8	4200763.95	10104.0685	0.23737	0.24061	0.03665	0.03536	0.02095	0.02086	5.03E-04	4.93E-05	5.06E-05	1.23E-05	1.19E-05	2.53E-06	2.51E-06	6.3219E-04
608206.8	4200756.35	10103.84623	0.24027	0.24351	0.03595	0.03468	0.02088	0.02079	5.03E-04	4.99E-05	5.12E-05	1.21E-05	1.16E-05	2.52E-06	2.51E-06	6.3291E-04
608206.8	4200771.55	10103.41179	0.23448	0.23773	0.03737	0.03606	0.02102	0.02093	5.03E-04	4.87E-05	5.00E-05	1.26E-05	1.21E-05	2.54E-06	2.52E-06	6.3145E-04
608206.8	4200748.75	10103.11297	0.24318	0.24641	0.03525	0.034	0.0208	0.02072	5.03E-04	5.05E-05	5.18E-05	1.19E-05	1.14E-05	2.51E-06	2.50E-06	6.3361E-04
608206.8	4200741.15	10101.58364	0.2461	0.24932	0.03456	0.03333	0.02073	0.02065	5.03E-04	5.11E-05	5.24E-05	1.16E-05	1.12E-05	2.50E-06	2.49E-06	6.3428E-04
608206.8	4200779.15	10101.57181	0.2316	0.23485	0.03808	0.03676	0.02109	0.02099	5.03E-04	4.81E-05	4.94E-05	1.28E-05	1.23E-05	2.55E-06	2.53E-06	6.3064E-04
608206.8	4200786.75	10098.78515	0.22872	0.23197	0.03881	0.03746	0.02115	0.02106	5.03E-04	4.75E-05	4.88E-05	1.31E-05	1.26E-05	2.55E-06	2.54E-06	6.2980E-04
608206.8	4200733.55	10098.74153	0.24901	0.25222	0.03388	0.03267	0.02065	0.02058	5.03E-04	5.17E-05	5.31E-05	1.14E-05	1.10E-05	2.49E-06	2.48E-06	6.3488E-04
608206.8	4200794.35	10095.23848	0.22586	0.22912	0.03954	0.03817	0.02122	0.02112	5.03E-04	4.69E-05	4.82E-05	1.33E-05	1.28E-05	2.56E-06	2.55E-06	6.2893E-04
608206.8	4200801.95	10090.94707	0.22302	0.22627	0.04027	0.03889	0.02128	0.02118	5.02E-04	4.63E-05	4.76E-05	1.36E-05	1.30E-05	2.57E-06	2.55E-06	6.2803E-04
608206.8	4200809.55	10085.90073	0.22019	0.22344	0.04101	0.03961	0.02135	0.02124	5.02E-04	4.57E-05	4.70E-05	1.38E-05	1.33E-05	2.58E-06	2.56E-06	6.2710E-04
608206.8	4200817.15	10080.09564	0.21738	0.22063	0.04176	0.04034	0.02141	0.0213	5.02E-04	4.51E-05	4.64E-05	1.41E-05	1.35E-05	2.59E-06	2.57E-06	6.2615E-04
608206.8	4200824.75	10073.58113	0.21459	0.21784	0.04251	0.04107	0.02147	0.02136	5.02E-04	4.46E-05	4.58E-05	1.43E-05	1.38E-05	2.59E-06	2.57E-06	6.2517E-04
608206.8	4200832.35	10066.77765	0.21183	0.21507	0.04326	0.0418	0.02153	0.02141	5.01E-04	4.40E-05	4.52E-05	1.46E-05	1.40E-05	2.60E-06	2.58E-06	6.2418E-04
608206.8	4200839.95	10059.3514	0.20909	0.21232	0.04401	0.04254	0.02158	0.02147	5.01E-04	4.34E-05	4.47E-05	1.48E-05	1.43E-05	2.61E-06	2.59E-06	6.2318E-04
608206.8	4200847.55	10051.10951	0.20637	0.20959	0.04477	0.04329	0.02164	0.02152	5.00E-04	4.29E-05	4.41E-05	1.51E-05	1.45E-05	2.61E-06	2.59E-06	6.2215E-04
608206.8	4200855.15	10042.08941	0.20367	0.20688	0.04554	0.04404	0.02169	0.02157	5.00E-04	4.23E-05	4.35E-05	1.53E-05	1.48E-05	2.62E-06	2.60E-06	6.2109E-04
608206.8	4200862.75	10032.43127	0.201	0.2042	0.0463	0.04479	0.02175	0.02162	4.99E-04	4.17E-05	4.30E-05	1.56E-05	1.50E-05	2.63E-06	2.61E-06	6.2002E-04
608206.8	4200870.35	10022.2354	0.19835	0.20154	0.04707	0.04554	0.0218	0.02167	4.99E-04	4.12E-05	4.24E-05	1.59E-05	1.53E-05	2.63E-06	2.61E-06	6.1892E-04
608213.67	4200756.35	10040.69624	0.23593	0.23909	0.03585	0.0346	0.0208	0.02072	5.00E-04	4.90E-05	5.03E-05	1.21E-05	1.16E-05	2.51E-06	2.50E-06	6.2786E-04
608213.67	4200763.95	10040.47803	0.23312	0.23629	0.03655	0.03528	0.02087	0.02079	5.00E-04	4.84E-05	4.97E-05	1.23E-05	1.18E-05	2.52E-06	2.51E-06	6.2716E-04
608213.67	4200748.75	10040.30243	0.23875	0.24191	0.03516	0.03393	0.02073	0.02065	5.00E-04	4.96E-05	5.09E-05	1.18E-05	1.14E-05	2.50E-06	2.49E-06	6.2855E-04
608213.67	4200771.55	10039.59435	0.23032	0.23349	0.03725	0.03596	0.02094	0.02085	5.00E-04	4.78E-05	4.91E-05	1.25E-05	1.21E-05	2.53E-06	2.51E-06	6.2642E-04
608213.67	4200741.15	10039.15397	0.24158	0.24473	0.03448	0.03327	0.02066	0.02058	5.00E-04	5.02E-05	5.15E-05	1.16E-05	1.12E-05	2.49E-06	2.48E-06	6.2920E-04
608213.67	4200779.15	10037.63389	0.22752	0.23069	0.03796	0.03665	0.02101	0.02092	5.00E-04	4.72E-05	4.85E-05	1.28E-05	1.23E-05	2.54E-06	2.52E-06	6.2564E-04
608213.67	4200733.55	10036.51788	0.2444	0.24754	0.03381	0.03261	0.02058	0.02051	5.00E-04	5.08E-05	5.21E-05	1.14E-05	1.09E-05	2.49E-06	2.47E-06	6.2978E-04
608213.67	4200786.75	10034.74366	0.22473	0.22791	0.03868	0.03735	0.02108	0.02098	5.00E-04	4.67E-05	4.79E-05	1.30E-05	1.25E-05	2.55E-06	2.53E-06	6.2483E-04
608213.67	4200794.35	10031.10994	0.22196	0.22514	0.0394	0.03805	0.02114	0.02104	4.99E-04	4.61E-05	4.74E-05	1.33E-05	1.28E-05	2.55E-06	2.54E-06	6.2398E-04
608213.67	4200801.95	10026.65995	0.2192	0.22237	0.04012	0.03876	0.02121	0.0211	4.99E-04	4.55E-05	4.68E-05	1.35E-05	1.30E-05	2.56E-06	2.54E-06	6.2310E-04
608213.67	4200809.55	10021.45804	0.21645	0.21963	0.04085	0.03947	0.02127	0.02116	4.99E-04	4.49E-05	4.62E-05	1.38E-05	1.32E-05	2.57E-06	2.55E-06	6.2219E-04
608213.67	4200817.15	10015.50975	0.21372	0.2169	0.04159	0.04019	0.02133	0.02122	4.99E-04	4.44E-05	4.56E-05	1.40E-05	1.35E-05	2.58E-06	2.56E-06	6.2126E-04
608213.67	4200824.75	10008.87113	0.21101	0.21418	0.04232	0.04091	0.02139	0.02127	4.98E-04	4.38E-05	4.51E-05	1.43E-05	1.37E-05	2.58E-06	2.56E-06	6.2029E-04
608213.67	4200832.35	10001.6825	0.20832	0.21149	0.04307	0.04164	0.02144	0.02133	4.98E-04	4.33E-05	4.45E-05	1.45E-05	1.40E-05	2.59E-06	2.57E-06	6.1932E-04
608213.67	4200839.95	9994.25282	0.20566	0.20882	0.04381	0.04237	0.0215	0.02138	4.98E-04	4.27E-05	4.39E-05	1.48E-05	1.42E-05	2.60E-06	2.58E-06	6.1835E-04
608213.67	4200847.55	9986.10886	0.20302	0.20616	0.04456	0.0431	0.02156	0.02144	4.97E-04	4.22E-05	4.34E-05	1.50E-05	1.45E-05	2.60E-06	2.58E-06	6.1734E-04
608213.67	4200855.15	9977.00934	0.20039	0.20353	0.04531	0.04384	0.02161	0.02149	4.97E-04	4.16E-05	4.28E-05	1.53E-05	1.47E-05	2.61E-06	2.59E-06	6.1630E-04
608213.67	4200862.75	9967.29952	0.19779	0.20092	0.04606	0.04458	0.02166	0.02153	4.96E-04	4.11E-05	4.23E-05	1.55E-05	1.50E-05	2.62E-06	2.59E-06	6.1524E-04
608213.67	4200870.35	9957.0664	0.19521	0.19833	0.04682	0.04532	0.02171	0.02158	4.96E-04	4.05E-05	4.17E-05	1.58E-05	1.52E-05	2.62E-06	2.60E-06	6.1417E-04
608220.54	4200756.35	9978.22829	0.2317	0.23479	0.03576	0.03452	0.02073	0.02065	4.97E-04	4.81E-05	4.94E-05	1.20E-05	1.16E-05	2.50E-06	2.49E-06	6.2289E-04
608220.54	4200748.75	9978.17066	0.23444	0.23752	0.03508	0.03386	0.02066	0.02058	4.97E-04	4.87E-05	5.00E-05	1.18E-05	1.14E-05	2.49E-06	2.48E-06	6.2357E-04

608220.54	4200763.95	9977.58754	0.22897	0.23207	0.03645	0.03519	0.0208	0.02071	4.97E-04	4.75E-05	4.88E-05	1.23E-05	1.18E-05	2.51E-06	2.50E-06	6.2220E-04
608220.54	4200741.15	9977.19971	0.23718	0.24025	0.0344	0.0332	0.02059	0.02051	4.97E-04	4.93E-05	5.05E-05	1.16E-05	1.11E-05	2.49E-06	2.47E-06	6.2419E-04
608220.54	4200771.55	9976.29342	0.22625	0.22935	0.03714	0.03586	0.02087	0.02078	4.97E-04	4.70E-05	4.82E-05	1.25E-05	1.20E-05	2.52E-06	2.50E-06	6.2147E-04
608220.54	4200733.55	9974.86008	0.23991	0.24297	0.03373	0.03256	0.02052	0.02044	4.97E-04	4.98E-05	5.11E-05	1.14E-05	1.09E-05	2.48E-06	2.46E-06	6.2476E-04
608220.54	4200779.15	9974.02754	0.22354	0.22664	0.03784	0.03655	0.02094	0.02084	4.97E-04	4.64E-05	4.77E-05	1.27E-05	1.23E-05	2.53E-06	2.51E-06	6.2071E-04
608220.54	4200786.75	9971.03876	0.22083	0.22394	0.03854	0.03723	0.021	0.0209	4.96E-04	4.59E-05	4.71E-05	1.30E-05	1.25E-05	2.54E-06	2.52E-06	6.1990E-04
608220.54	4200794.35	9967.51608	0.21814	0.22125	0.03926	0.03793	0.02107	0.02097	4.96E-04	4.53E-05	4.65E-05	1.32E-05	1.27E-05	2.54E-06	2.53E-06	6.1910E-04
608220.54	4200801.95	9963.00226	0.21546	0.21857	0.03997	0.03863	0.02113	0.02103	4.96E-04	4.47E-05	4.60E-05	1.35E-05	1.30E-05	2.55E-06	2.53E-06	6.1824E-04
608220.54	4200809.55	9957.64719	0.2128	0.2159	0.04069	0.03933	0.02119	0.02108	4.96E-04	4.42E-05	4.54E-05	1.37E-05	1.32E-05	2.56E-06	2.54E-06	6.1735E-04
608220.54	4200817.15	9951.56365	0.21015	0.21325	0.04141	0.04004	0.02125	0.02114	4.95E-04	4.36E-05	4.49E-05	1.39E-05	1.34E-05	2.57E-06	2.55E-06	6.1644E-04
608220.54	4200824.75	9944.8049	0.20751	0.21061	0.04214	0.04075	0.02131	0.02119	4.95E-04	4.31E-05	4.43E-05	1.42E-05	1.37E-05	2.57E-06	2.55E-06	6.1549E-04
608220.54	4200832.35	9937.33522	0.2049	0.20799	0.04287	0.04147	0.02136	0.02125	4.95E-04	4.25E-05	4.38E-05	1.44E-05	1.39E-05	2.58E-06	2.56E-06	6.1453E-04
608220.54	4200839.95	9929.90306	0.20231	0.20539	0.04361	0.04219	0.02142	0.0213	4.94E-04	4.20E-05	4.32E-05	1.47E-05	1.42E-05	2.59E-06	2.57E-06	6.1358E-04
608220.54	4200847.55	9921.67599	0.19974	0.20281	0.04435	0.04291	0.02147	0.02135	4.94E-04	4.15E-05	4.27E-05	1.49E-05	1.44E-05	2.59E-06	2.57E-06	6.1259E-04
608220.54	4200855.15	9912.59234	0.19718	0.20025	0.04509	0.04364	0.02152	0.0214	4.94E-04	4.09E-05	4.21E-05	1.52E-05	1.46E-05	2.60E-06	2.58E-06	6.1158E-04
608220.54	4200862.75	9902.83882	0.19465	0.19771	0.04583	0.04437	0.02158	0.02145	4.93E-04	4.04E-05	4.16E-05	1.54E-05	1.49E-05	2.61E-06	2.59E-06	6.1054E-04
608220.54	4200870.35	9892.56778	0.19214	0.19519	0.04657	0.0451	0.02162	0.02149	4.93E-04	3.99E-05	4.11E-05	1.57E-05	1.51E-05	2.61E-06	2.59E-06	6.0948E-04
608227.41	4200748.75	9916.5257	0.23024	0.23325	0.03499	0.03379	0.02059	0.02051	4.94E-04	4.78E-05	4.91E-05	1.18E-05	1.13E-05	2.49E-06	2.47E-06	6.1866E-04
608227.41	4200756.35	9916.43999	0.22758	0.23061	0.03566	0.03444	0.02066	0.02057	4.94E-04	4.73E-05	4.85E-05	1.20E-05	1.16E-05	2.49E-06	2.48E-06	6.1800E-04
608227.41	4200741.15	9915.61979	0.23289	0.23589	0.03432	0.03314	0.02052	0.02044	4.94E-04	4.84E-05	4.96E-05	1.16E-05	1.11E-05	2.48E-06	2.46E-06	6.1926E-04
608227.41	4200763.95	9915.47858	0.22493	0.22796	0.03634	0.0351	0.02073	0.02064	4.94E-04	4.67E-05	4.80E-05	1.22E-05	1.18E-05	2.50E-06	2.49E-06	6.1732E-04
608227.41	4200771.55	9913.77987	0.22229	0.22532	0.03703	0.03577	0.02079	0.0207	4.94E-04	4.62E-05	4.74E-05	1.25E-05	1.20E-05	2.51E-06	2.49E-06	6.1660E-04
608227.41	4200733.55	9913.57135	0.23553	0.23853	0.03367	0.0325	0.02045	0.02037	4.94E-04	4.89E-05	5.02E-05	1.13E-05	1.09E-05	2.47E-06	2.45E-06	6.1981E-04
608227.41	4200779.15	9911.12061	0.21965	0.22269	0.03772	0.03644	0.02086	0.02077	4.93E-04	4.56E-05	4.68E-05	1.27E-05	1.22E-05	2.52E-06	2.50E-06	6.1584E-04
608227.41	4200786.75	9907.9481	0.21703	0.22007	0.03841	0.03712	0.02092	0.02083	4.93E-04	4.51E-05	4.63E-05	1.29E-05	1.25E-05	2.53E-06	2.51E-06	6.1506E-04
608227.41	4200794.35	9904.26188	0.21442	0.21746	0.03911	0.0378	0.02099	0.02089	4.93E-04	4.45E-05	4.57E-05	1.32E-05	1.27E-05	2.53E-06	2.52E-06	6.1427E-04
608227.41	4200801.95	9899.87094	0.21182	0.21486	0.03982	0.03849	0.02105	0.02095	4.93E-04	4.40E-05	4.52E-05	1.34E-05	1.29E-05	2.54E-06	2.52E-06	6.1345E-04
608227.41	4200809.55	9894.45831	0.20923	0.21227	0.04053	0.03919	0.02111	0.021	4.93E-04	4.34E-05	4.47E-05	1.37E-05	1.31E-05	2.55E-06	2.53E-06	6.1258E-04
608227.41	4200817.15	9888.25093	0.20665	0.20969	0.04124	0.03989	0.02117	0.02106	4.92E-04	4.29E-05	4.41E-05	1.39E-05	1.34E-05	2.56E-06	2.54E-06	6.1168E-04
608227.41	4200824.75	9881.3757	0.20409	0.20712	0.04196	0.04059	0.02123	0.02111	4.92E-04	4.24E-05	4.36E-05	1.41E-05	1.36E-05	2.56E-06	2.54E-06	6.1076E-04
608227.41	4200832.35	9873.90521	0.20155	0.20457	0.04268	0.0413	0.02128	0.02117	4.92E-04	4.19E-05	4.30E-05	1.44E-05	1.39E-05	2.57E-06	2.55E-06	6.0982E-04
608227.41	4200839.95	9866.10682	0.19903	0.20205	0.04341	0.04201	0.02134	0.02122	4.91E-04	4.13E-05	4.25E-05	1.46E-05	1.41E-05	2.58E-06	2.56E-06	6.0887E-04
608227.41	4200847.55	9857.80228	0.19653	0.19954	0.04413	0.04272	0.02139	0.02127	4.91E-04	4.08E-05	4.20E-05	1.49E-05	1.43E-05	2.58E-06	2.56E-06	6.0790E-04
608227.41	4200855.15	9848.83263	0.19405	0.19705	0.04486	0.04344	0.02144	0.02132	4.90E-04	4.03E-05	4.15E-05	1.51E-05	1.46E-05	2.59E-06	2.57E-06	6.0692E-04
608227.41	4200862.75	9839.03414	0.19159	0.19457	0.04559	0.04416	0.02149	0.02136	4.90E-04	3.98E-05	4.09E-05	1.54E-05	1.48E-05	2.59E-06	2.57E-06	6.0589E-04
608227.41	4200870.35	9828.72773	0.18914	0.19212	0.04633	0.04488	0.02154	0.02141	4.89E-04	3.93E-05	4.04E-05	1.56E-05	1.51E-05	2.60E-06	2.58E-06	6.0486E-04
608234.28	4200748.75	9855.17475	0.22613	0.22908	0.03491	0.03371	0.02052	0.02044	4.91E-04	4.70E-05	4.82E-05	1.18E-05	1.13E-05	2.48E-06	2.46E-06	6.1380E-04
608234.28	4200756.35	9854.95004	0.22356	0.22652	0.03557	0.03436	0.02059	0.0205	4.91E-04	4.64E-05	4.77E-05	1.20E-05	1.15E-05	2.49E-06	2.47E-06	6.1317E-04
608234.28	4200741.15	9854.41361	0.2287	0.23164	0.03425	0.03307	0.02045	0.02037	4.91E-04	4.75E-05	4.87E-05	1.15E-05	1.11E-05	2.47E-06	2.45E-06	6.1438E-04
608234.28	4200763.95	9853.95334	0.221	0.22396	0.03624	0.03501	0.02066	0.02057	4.91E-04	4.59E-05	4.71E-05	1.22E-05	1.17E-05	2.49E-06	2.48E-06	6.1251E-04
608234.28	4200771.55	9852.0447	0.21843	0.2214	0.03692	0.03567	0.02072	0.02063	4.90E-04	4.54E-05	4.66E-05	1.24E-05	1.20E-05	2.50E-06	2.49E-06	6.1181E-04
608234.28	4200779.15	9849.28431	0.21587	0.21884	0.0376	0.03633	0.02079	0.02069	4.90E-04	4.48E-05	4.60E-05	1.27E-05	1.22E-05	2.51E-06	2.49E-06	6.1107E-04
608234.28	4200786.75	9845.74882	0.21332	0.21629	0.03828	0.037	0.02085	0.02075	4.90E-04	4.43E-05	4.55E-05	1.29E-05	1.24E-05	2.52E-06	2.50E-06	6.1030E-04
608234.28	4200794.35	9841.62147	0.21078	0.21375	0.03898	0.03768	0.02091	0.02081	4.90E-04	4.38E-05	4.50E-05	1.31E-05	1.26E-05	2.52E-06	2.51E-06	6.0951E-04
608234.28	4200801.95	9837.35398	0.20826	0.21123	0.03967	0.03836	0.02097	0.02087	4.90E-04	4.32E-05	4.44E-05	1.34E-05	1.29E-05	2.53E-06	2.52E-06	6.0872E-04
608234.28	4200809.55	9831.8877	0.20575	0.20872	0.04037	0.03905	0.02103	0.02093	4.89E-04	4.27E-05	4.39E-05	1.36E-05	1.31E-05	2.54E-06	2.52E-06	6.0788E-04
608234.28	4200817.15	9825.65418	0.20324	0.20621	0.04108	0.03974	0.02109	0.02098	4.89E-04	4.22E-05	4.34E-05	1.38E-05	1.33E-05	2.55E-06	2.53E-06	6.0700E-04
608234.28	4200824.75	9818.58027	0.20075	0.20371	0.04178	0.04043	0.02115	0.02103	4.89E-04	4.17E-05	4.29E-05	1.41E-05	1.36E-05	2.55E-06	2.53E-06	6.0609E-04
608234.28	4200832.35	9811.01782	0.19828	0.20124	0.04249	0.04113	0.0212	0.02109	4.88E-04	4.12E-05	4.23E-05	1.43E-05	1.38E-05	2.56E-06	2.54E-06	6.0516E-04
608234.28	4200839.95	9802.86285	0.19583	0.19877	0.04321	0.04183	0.02125	0.02114	4.88E-04	4.07E-05	4.18E-05	1.46E-05	1.40E-05	2.57E-06	2.55E-06	6.0422E-04
608234.28	4200847.55	9794.39396	0.19339	0.19633	0.04392	0.04253	0.02131	0.02119	4.88E-04	4.02E-05	4.13E-05	1.48E-05	1.43E-05	2.57E-06	2.55E-06	6.0326E-04
608234.28	4200855.15	9785.54697	0.19098	0.19391	0.04464	0.04324	0.02136	0.02123	4.87E-04	3.97E-05	4.08E-05	1.50E-05	1.45E-05	2.58E-06	2.56E-06	6.0231E-04
608234.28	4200862.75	9775.88116	0.18858	0.1915	0.04536	0.04395	0.02141	0.02128	4.87E-04	3.92E-05	4.03E-05	1.53E-05	1.47E-05	2.59E-06	2.56E-06	6.0131E-04
608234.28	4200870.35	9765.62694	0.18621	0.18912	0.04608	0.04466	0.02145	0.02132	4.86E-04	3.87E-05	3.98E-05	1.55E-05	1.50E-05	2.59E-06	2.57E-06	6.0030E-04
608240.38	4200722.19	9795.95592	0.2313	0.23416	0.03258	0.03146	0.02021	0.02014	4.88E-04	4.80E-05	4.93E-05	1.10E-05	1.06E-05	2.44E-06	2.43E-06	6.1138E-04
608240.73	4200729.53	9795.29777	0.22868	0.23155	0.03319	0.03205	0.02028	0.0202	4.88E-04	4.75E-05	4.87E-05	1.12E-05	1.07E-05	2.45E-06	2.43E-06	6.1067E-04
608241.15	4200748.75	9794.2066	0.22213	0.22501	0.03482	0.03364	0.02045	0.02037	4.88E-04	4.61E-05	4.73E-05	1.17E-05	1.13E-05	2.47E-06	2.45E-06	6.0901E-04
608241.15	4200741.15	9793.86377	0.22462	0.2275	0.03417	0.033	0.02038	0.0203	4.88E-04	4.66E-05	4.79E-05	1.15E-05	1.11E-05	2.46E-06	2.45E-06	6.0958E-04
608241.15	4200756.35	9793.85438	0.21964	0.22253	0.03547	0.03427	0.02052	0.02043	4.88E-04	4.56E-05	4.68E-05	1.19E-05	1.15E-05	2.48E-06	2.46E-06	6.0840E-04
608241.15	4200763.95	9792.92109	0.21715	0.22005	0.03614	0.03492	0.02058	0.02049	4.88E-04	4.51E-05	4.63E-05	1.22E-05	1.17E-05	2.49E-06	2.47E-06	6.0777E-04
608241.15	4200771.55	9790.98439	0.21467	0.21757	0.0368	0.03557	0.02065	0.02056	4.87E-04	4.46E-05	4.58E-05	1.24E-05	1.19E-05	2.49E-06	2.48E-06	6.0709E-04
608241.15	4200779.15	9788.03634	0.21218	0.21509	0.03748	0.03623	0.02071	0.02062	4.87E-04	4.41E-05	4.52E-05	1.26E-05	1.22E-05	2.50E-06	2.49E-06	6.0637E-04
608241.15	4200786.75	9784.24173	0.20971	0.21261	0.03816	0.03689	0.02077	0.02068	4.87E-04	4.35E-05	4.47E-05	1.29E-05	1.24E-05	2.51E-06	2.49E-06	6.0561E-04
608241.15	4200794.35	9779.95779	0.20724	0.21014	0.03884	0.03756	0.02084	0.02074	4.87E-04	4.30E-05	4.42E-05	1.31E-05	1.26E-05	2.52E-06	2.50E-06	6.0484E-04
608241.15	4200801.95	9775.44615	0.20479	0.20769	0.03952	0.03823	0.0209	0.02079	4.87E-04	4.25E-05	4.37E-05	1.33E-05	1.28E-05	2.52E-06	2.51E-06	6.0406E-04
608241.15	4200809.55	9769.93472	0.20235	0.20525	0.04021	0.03891	0.02095	0.02085	4.86E-04	4.20E-05	4.32E-05	1.35E-05	1.31E-05	2.53E-06	2.51E-06	6.0324E-04
608241.15	4200817.15	9763.58126	0.19991	0.20281	0.04091	0.03959	0.02101	0.0209	4.86E-04	4.15E-05	4.27E-05	1.38E-05	1.33E-05	2.54E-06	2.52E-06	6.0238E-04
608241.15	4200824.75	9756.49987	0.19749	0.20039	0.0416	0.04027	0.02107	0.02095	4.86E-04	4.10E-05	4.22E-05	1.40E-05	1.35E-05	2.54E-06	2.52E-06	6.0149E-04
608241.15	4200832.35	9748.84897	0.19509	0.19798	0.0423	0.04096	0.02112	0.02101	4.85E-04	4.05E-05	4.16E-05	1.42E-05	1.37E-05	2.55E-06	2.53E-06	6.0058E-04
608241.15	4200839.95	9740.52227	0.1927	0.19558	0.04301	0.04165	0.02117	0.02106	4.85E-04	4.00E-05	4.11E-05	1.45E-05	1.40E-05	2.56E-06	2.54E-06	5.9965E-04
608241.15	4200847.55	9731.80331	0.19033	0.1932	0.04371	0.04234	0.02122	0.0211	4.85E-04	3.95E-05	4.06E-05	1.47E-05	1.42E-05	2.56E-06	2.54E-06	5.9870E-04
608241.15	4200855.15	9722.63601	0.18798	0.19084	0.04442	0.04304	0.02127	0.02115	4.84E-04	3.90E-05	4.01E-05	1.50E-05	1.44E-05	2.57E-06	2.55E-06	5.9774E-04
608241.15	4200862.75	9713.19416	0.18565	0.1885	0.04513	0.04374	0.02132	0.0212	4.84E-04	3.86E-05	3.97E-05	1.52E-05	1.47E-05	2.57E-06	2.55E-06	5.9678E-04
608241.15	4200870.35	9702.9918	0.18334	0.18618	0.04584	0.04444	0.02137	0.02124	4.83E-04	3.81E-05	3.92E-05	1.54E-05	1.49E-05	2.58E-06	2.56E-06	5.9579E-04
608248.02	4200741.15	9734.06265	0.22065	0.22346	0.03409	0.03293	0.02031	0.02023	4.85E-04	4.58E-05	4.70E-05	1.15E-05	1.10E-05	2.45E-06	2.44E-06	6.0486E-04
608248.02	4200748.75	9733.99057	0.21823	0.22105	0.03473	0.03356	0.02038	0.02029	4.85E-04	4.53E-05	4.65E-05	1.17E-05	1.13E-05	2.46E-06	2.45E-06	6.0429E-04
608248.02	4200756.35	9733.51166	0.21582	0.21864	0.03538	0.03419	0.02045	0.02036	4.85E-04	4.48E-05	4.60E-05	1.19E-05	1.15E-05	2.47E-06	2.45E-06	6.0371E-04
608248.02	4200763.95	9732.46144	0.21341	0.21624	0.03603	0.03483	0.02051	0.02042	4.85E-04	4.43E-05	4.55E-05	1.21E-05	1.17E-05	2.48E-06	2.46E-06	6.0310E-04
608248.02	4200771.55	9730.40949	0.21099	0.21383	0.03669	0.03547	0.02058	0.02048	4.84E-04	4.38E-05	4.50E-05	1.24E-05	1.19E-05	2.49E-06	2.47E-06	6.0244E-04
608248.02	4200779.15	9727.27865	0.20858	0.21142	0.03736	0.03612	0.02064	0.02054	4.84E-04	4.33E-05	4.45E-05	1.26E-05	1.21E-05	2.49E-06	2.48E-06	6.0173E-04
608248.02	4200786.75	9723.3231	0.20618	0.20902	0.03803	0.03678	0.0207	0.0206	4.84E-04	4.28E-05	4.40E-05	1.28E-05	1.23E-05	2.50E-06	2.48E-06	6.0100E-04
608248.02	4200794.35	9718.88971	0.20378	0.20662	0.0387	0.03743	0.02076	0.02066	4.84E-04	4.23E-05	4.35E-05	1.30E-05	1.26E-05	2.51E-06	2.49E-06	6.0023E-04
608248.02	4200801.95	9713.95736	0.20139	0.20423	0.03938	0.0381	0.02082	0.02072	4.84E-04	4.18E-05	4.30E-05	1.33E-05	1.28E-05	2.51E-06	2.50E-06	5.9945E-04
608248.02	4200809.55	9708.40852	0.19902	0.20186	0.04006	0.03877	0.02088	0.02077	4.83E-04	4.13E-05	4.25E-05	1.35E-05	1.30E-05	2.52E-06	2.50E-06	5.9865E-04
608248.02	4200817.15	9702.03578	0.19666	0.19949	0.04074	0.03944	0.02093	0.02082	4.83E-04	4.08E-05	4.20E-05	1.37E-05	1.32E-05	2.53E-06	2.51E-06	5.9781E-04
608248.02	4200824.75	9694.94784	0.1943	0.19714	0.04143	0.04011	0.02099	0.02088	4.83E-04	4.03E-05	4.15E-05	1.40E-05	1.35E-05	2.53E-06	2.52E-06	5.9695E-04
608248.02	4200832.35	9687.20866	0.19196	0.19479	0.04212	0.04079	0.02104	0.02093	4.82E-04	3.99E-05	4.10E-05	1.42E-05	1.37E-05	2.54E-06	2.52E-06	5.9605E-04
608248.02	4200839.95	9678.89537	0.18964	0.19246	0.04282	0.04147	0.02109	0.02097	4.82E-04	3.94E-05	4.05E-05	1.44E-05	1.39E-05	2.55E-06	2.53E-06	5.9514E-04
608248.02	4200847.55	9669.93162	0.18733	0.19014	0.04351	0.04216	0.02114	0.02102	4.81E-04	3.89E-05	4.00E-05	1.47E-05	1.41E-05	2.55E-06	2.53E-06	5.9420E-04
608248.02	4200855.15	9660.62788	0.18504	0.18784	0.04421	0.04284	0.02119	0.02107	4.81E-04	3.84E-05	3.95E-05	1.49E-05	1.44E-05	2.56E-06	2.54E-06	5.9326E-04
608248.02	4200862.75	9650.96944	0.18277	0.18556	0.04491	0.04353	0.02124	0.02111	4.80E-04	3.80E-05	3.90E-05	1.51E-05	1.46E-05	2.56E-06	2.54E-06	5.9230E-04
608248.02	4200870.35	9640.90475	0.18052	0.1833	0.0456	0.04422	0.02128	0.02116	4.80E-04	3.75E-05	3.86E-05	1.54E-05	1.48E-05	2.57E-06	2.55E-06	5.9134E-04
608248.07	4200730.93	9732.28118	0.22387	0.22667	0.03323	0.0321	0.02022	0.02014	4.85E-04	4.65E-05	4.77E-05	1.12E-05	1.08E-05	2.44E-06	2.43E-06	6.0553E-04
608248.42	4200723.59	9727.33295	0.22599	0.22877	0.03262	0.03151	0.02014	0.02007	4.84E-04	4.69E-05	4.81E-05	1.10E-05	1.06E-05	2.43E-06	2.42E-06	6.0574E-04
608254.89	4200741.15	9674.90155	0.21678	0.21953	0.034	0.03287	0.02024	0.02016	4.82E-04	4.50E-05	4.62E-05	1.15E-05	1.10E-05	2.44E-06	2.43E-06	6.0022E-04
608254.89	4200748.75	9674.60327	0.21443	0.21719	0.03464	0.03349	0.02031	0.02022	4.82E-04	4.45E-05	4.57E-05	1.17E-05	1.12E-05	2.45E-06	2.44E-06	5.9966E-04
608254.89	4200756.35	9673.82029	0.21209	0.21485	0.03528	0.03411	0.02037	0.02029	4.82E-04	4.40E-05	4.52E-05	1.19E-05	1.14E-05	2.46E-06	2.45E-06	5.9909E-04
608254.89	4200763.95	9672.47297	0.20975	0.21252	0.03593	0.03474	0.02044	0.02035	4.82E-04	4.36E-05	4.47E-05	1.21E-05	1.17E-05	2.47E-06	2.45E-06	5.9849E-04
608254.89	4200771.55	9670.31749	0.20741	0.21018	0.03658	0.03538	0.0205	0.02041	4.81E-04	4.31E-05	4.42E-05	1.23E-05	1.19E-05	2.48E-06	2.46E-06	5.9785E-04
608254.89	4200779.15	9667.09805	0.20507	0.20784	0.03724	0.03602	0.02057	0.02047	4.81E-04	4.26E-05	4.37E-05	1.25E-05	1.21E-05	2.48E-06	2.47E-06	5.9716E-04
608254.89	4200786.75	9663.07652	0.20273	0.20551	0.0379	0.03666	0.02063	0.02053	4.81E-04	4.21E-05	4.32E-05	1.28E-05	1.23E-05	2.49E-06	2.47E-06	5.9644E-04
608254.89	4200794.35	9658.41196	0.2004	0.20318	0.03856	0.03731	0.02068	0.02058	4.81E-04	4.16E-05	4.27E-05	1.30E-05	1.25E-05	2.50E-06	2.48E-06	5.9569E-04
608254.89	4200801.95	9653.06719	0.19808	0.20086	0.03923	0.03797	0.02074	0.02064	4.81E-04	4.11E-05	4.23E-05	1.32E-05	1.27E-05	2.50E-06	2.49E-06	5.9491E-04
608254.89	4200809.55	9647.39737	0.19577	0.19855	0.0399	0.03863	0.0208	0.02069	4.80E-04	4.07E-05	4.18E-05	1.34E-05	1.30E-05	2.51E-06	2.49E-06	5.9412E-04
608254.89	4200817.15	9641.00329	0.19347	0.19625	0.04058	0.03929	0.02085	0.02075	4.80E-04	4.02E-05	4.13E-05	1.37E-05	1.32E-05	2.52E-06	2.50E-06	5.9331E-04
608254.89	4200824.75	9634.00355	0.19119	0.19396	0.04126	0.03996	0.02091	0.0208	4.80E-04	3.97E-05	4.08E-05	1.39E-05	1.34E-05	2.52E-06	2.51E-06	5.9247E-04
608254.89	4200832.35	9626.18134	0.18891	0.19168	0.04194	0.04062	0.02096	0.02085	4.79E-04	3.92E-05	4.03E-05	1.41E-05	1.36E-05	2.53E-06	2.51E-06	5.9159E-04
608254.89	4200839.95	9617.79409	0.18665	0.18941	0.04262	0.0413	0.02101	0.02089	4.79E-04	3.88E-05	3.98E-05	1.44E-05	1.39E-05	2.54E-06	2.52E-06	5.9069E-04
608254.89	4200847.55	9608.85575	0.1844	0.18715	0.04331	0.04197	0.02106	0.02094	4.78E-04	3.83E-05	3.94E-05	1.46E-05	1.41E-05	2.54E-06	2.52E-06	5.8978E-04
608254.89	4200855.15	9599.33225	0.18217	0.18491	0.04399	0.04265	0.02111	0.02099	4.78E-04	3.78E-05	3.89E-05	1.48E-05	1.43E-05	2.55E-06	2.53E-06	5.8884E-04
608254.89	4200862.75	9589.46253	0.17996	0.18269	0.04468	0.04333	0.02115	0.02103	4.77E-04	3.74E-05	3.84E-05	1.50E-05	1.45E-05	2.55E-06	2.53E-06	5.8789E-04
608254.89	4200870.35	9579.36366	0.17777	0.18049	0.04537	0.04401	0.0212	0.02107	4.77E-04	3.69E-05	3.80E-05	1.53E-05	1.48E-05	2.56E-06	2.54E-06	5.8694E-04
608255.41	4200731.98	9669.59755	0.21931	0.22205	0.03324	0.03212	0.02015	0.02008	4.81E-04	4.55E-05	4.67E-05	1.12E-05	1.08E-05	2.43E-06	2.42E-06	6.0048E-04
608255.76	4200725.34	9665.05931	0.22115	0.22387	0.03269	0.03159	0.02009	0.02001	4.81E-04	4.59E-05	4.71E-05	1.10E-05	1.06E-05	2.43E-06	2.41E-06	6.0064E-04
608261.76	4200741.15	9616.28712	0.21301	0.2157	0.03392	0.0328	0.02017	0.02009	4.79E-04	4.42E-05	4.54E-05	1.14E-05	1.10E-05	2.44E-06	2.42E-06	5.9565E-04
608261.76	4200748.75	9615.85727	0.21073	0.21343	0.03455	0.03341	0.02024	0.02016	4.79E-04	4.38E-05	4.49E-05	1.16E-05	1.12E-05	2.44E-06	2.43E-06	5.9511E-04
608261.76	4200756.35	9614.68859	0.20845	0.21116	0.03518	0.03403	0.0203	0.02022	4.79E-04	4.33E-05	4.44E-05	1.18E-05	1.14E-05	2.45E-06	2.44E-06	5.9453E-04
608261.76	4200763.95	9612.95237	0.20618	0.20889	0.03582	0.03465	0.02037	0.02028	4.79E-04	4.28E-05	4.39E-05	1.21E-05	1.16E-05	2.46E-06	2.44E-06	5.9394E-04
608261.76	4200771.55	9610.70073	0.20391	0.20662	0.03647	0.03528	0.02043	0.02034	4.78E-04	4.23E-05	4.35E-05	1.23E-05	1.18E-05	2.47E-06	2.45E-06	5.9332E-04
608261.76	4200779.15	9607.40546	0.20163	0.20435	0.03711	0.03591	0.02049	0.0204	4.78E-04	4.19E-05	4.30E-05	1.25E-05	1.20E-05	2.47E-06	2.46E-06	5.9265E-04
608261.76	4200786.75	9603.31846	0.19937	0.20208	0.03777	0.03655	0.02055	0.02045	4.78E-04	4.14E-05	4.25E-05	1.27E-05	1.23E-05	2.48E-06	2.46E-06	5.9195E-04
608261.76	4200794.35	9598.51337	0.1971	0.19982	0.03842	0.03719	0.02061	0.02051	4.78E-04	4.09E-05	4.20E-05	1.29E-05	1.25E-05	2.49E-06	2.47E-06	5.9121E-04
608261.76	4200801.95	9592.94747	0.19484	0.19756	0.03908	0.03784	0.02067	0.02056	4.78E-04	4.05E-05	4.16E-05	1.32E-05	1.27E-05	2.50E-06	2.48E-06	5.9044E-04
608261.76	4200809.55	9586.98357	0.1926	0.19531	0.03975	0.03849	0.02072	0.02062	4.77E-04	4.00E-05	4.11E-05	1.34E-05	1.29E-05	2.50E-06	2.49E-06	5.8966E-04
608261.76	4200817.15	9580.47894	0.19036	0.19307	0.04041	0.03914	0.02078	0.02067	4.77E-04	3.95E-05	4.06E-05	1.36E-05	1.31E-05	2.51E-06	2.49E-06	5.8885E-04
608261.76	4200824.75	9573.5672	0.18814	0.19085	0.04108	0.0398	0.02083	0.02072	4.77E-04	3.91E-05	4.01E-05	1.38E-05	1.33E-05	2.52E-06	2.50E-06	5.8804E-04
608261.76	4200832.35	9565.75526	0.18593	0.18863	0.04175	0.04046	0.02088	0.02077	4.76E-04	3.86E-05	3.97E-05	1.41E-05	1.36E-05	2.52E-06	2.50E-06	5.8719E-04
608261.76	4200839.95	9557.30013	0.18373	0.18642	0.04243	0.04112	0.02093	0.02081	4.76E-04	3.82E-05	3.92E-05	1.43E-05	1.38E-05	2.53E-06	2.51E-06	5.8630E-04
608261.76	4200847.55	9548.30529	0.18154	0.18423	0.0431	0.04179	0.02098	0.02086	4.75E-04	3.77E-05	3.88E-05	1.45E-05	1.40E-05	2.53E-06	2.51E-06	5.8540E-04
608261.76	4200855.15	9538.82755	0.17937	0.18205	0.04378	0.04245	0.02103	0.0209	4.75E-04	3.72E-05	3.83E-05	1.47E-05	1.42E-05	2.54E-06	2.52E-06	5.8448E-04
608261.76	4200862.75	9528.7489	0.17721	0.17988	0.04446	0.04312	0.02107	0.02095	4.74E-04	3.68E-05	3.78E-05	1.50E-05	1.45E-05	2.54E-06	2.52E-06	5.8354E-04
608261.76	4200870.35	9518.45066	0.17507	0.17773	0.04514	0.0438	0.02112	0.02099	4.74E-04	3.64E-05	3.74E-05	1.52E-05	1.47E-05	2.55E-06	2.53E-06	5.8260E-04
608268.63	4200741.15	9557.74962	0.20932	0.21195	0.03384	0.03273	0.0201	0.02002	4.76E-04	4.35E-05	4.46E-05	1.14E-05	1.10E-05	2.43E-06	2.41E-06	5.9111E-04
608268.63	4200748.75	9557.28778	0.20711	0.20975	0.03446	0.03333	0.02017	0.02009	4.76E-04	4.30E-05	4.41E-05	1.16E-05	1.12E-05	2.44E-06	2.42E-06	5.9059E-04
608268.63	4200756.35	9556.10653	0.20491	0.20755	0.03508	0.03394	0.02023	0.02015	4.76E-04	4.26E-05	4.37E-05	1.18E-05	1.14E-05	2.44E-06	2.43E-06	5.9004E-04
608268.63	4200763.95	9554.07661	0.20269	0.20535	0.03572	0.03456	0.0203	0.02021	4.76E-04	4.21E-05	4.32E-05	1.20E-05	1.16E-05	2.45E-06	2.44E-06	5.8945E-04
608268.63	4200771.55	9551.82203	0.20049	0.20315	0.03635	0.03518	0.02036	0.02027	4.76E-04	4.16E-05	4.27E-05	1.22E-05	1.18E-05	2.46E-06	2.44E-06	5.8886E-04
608268.63	4200779.15	9548.367	0.19828	0.20094	0.03699	0.03581	0.02042	0.02032	4.75E-04	4.12E-05	4.23E-05	1.25E-05	1.20E-05	2.47E-06	2.45E-06	5.8820E-04
608268.63	4200786.75	9544.12785	0.19608	0.19874	0.03764	0.03644	0.02048	0.02038	4.75E-04	4.07E-05	4.18E-05	1.27E-05	1.22E-05	2.47E-06	2.46E-06	5.8752E-04
608268.63	4200794.35	9539.18592	0.19388	0.19654	0.03828	0.03707	0.02054	0.02043	4.75E-04	4.03E-05	4.13E-05	1.29E-05	1.24E-05	2.48E-06	2.46E-06	5.8679E-04
608268.63	4200801.95	9533.58359	0.19168	0.19434	0.03893	0.03771	0.02059	0.02049	4.75E-04	3.98E-05	4.09E-05	1.31E-05	1.26E-05	2.49E-06	2.47E-06	5.8604E-04
608268.63	4200809.55	9527.24443	0.1895	0.19215	0.03959	0.03835	0.02065	0.02054	4.74E-04	3.94E-05	4.04E-05	1.33E-05	1.29E-05	2.49E-06	2.48E-06	5.8526E-04
608268.63	4200817.15	9520.63652	0.18732	0.18998	0.04025	0.03899	0.0207	0.02059	4.74E-04	3.89E-05	4.00E-05	1.36E-05	1.31E-05	2.50E-06	2.48E-06	5.8447E-04
608268.63	4200824.75	9513.80838	0.18516	0.18781	0.04091	0.03964	0.02075	0.02064	4.74E-04	3.85E-05	3.95E-05	1.38E-05	1.33E-05	2.51E-06	2.49E-06	5.8368E-04
608268.63	4200832.35	9505.9267	0.18301	0.18565	0.04157	0.04029	0.0208	0.02069	4.73E-04	3.80E-05	3.91E-05	1.40E-05	1.35E-05	2.51E-06	2.49E-06	5.8284E-04
608268.63	4200839.95	9497.40682	0.18087	0.1835	0.04224	0.04095	0.02085	0.02073	4.73E-04	3.76E-05	3.86E-05	1.42E-05	1.37E-05	2.52E-06	2.50E-06	5.8197E-04
608268.63	4200847.55	9488.35892	0.17874	0.18137	0.0429	0.0416	0.0209	0.02078	4.72E-04	3.71E-05	3.82E-05	1.44E-05	1.40E-05	2.52E-06	2.50E-06	5.8108E-04
608268.63	4200855.15	9478.84143	0.17662	0.17924	0.04357	0.04226	0.02095	0.02082	4.72E-04	3.67E-05	3.77E-05	1.47E-05	1.42E-05	2.53E-06	2.51E-06	5.8018E-04
608268.63	4200862.75	9468.82005	0.17452	0.17713	0.04424	0.04292	0.02099	0.02086	4.71E-04	3.62E-05	3.73E-05	1.49E-05	1.44E-05	2.53E-06	2.51E-06	5.7926E-04
608268.63	4200870.35	9458.33222	0.17244	0.17504	0.04491	0.04358	0.02103	0.02091	4.71E-04	3.58E-05	3.68E-05	1.51E-05	1.46E-05	2.54E-06	2.52E-06	5.7832E-04
608275.5	4200733.55	9499.8282	0.20786	0.21043	0.03315	0.03206	0.01997	0.01989	4.73E-04	4.32E-05	4.43E-05	1.12E-05	1.08E-05	2.41E-06	2.40E-06	5.8711E-04
608275.5	4200741.15	9499.74887	0.20572	0.2083	0.03375	0.03266	0.02003	0.01995	4.73E-04	4.27E-05	4.38E-05	1.14E-05	1.10E-05	2.42E-06	2.40E-06	5.8663E-04
608275.5	4200748.75	9499.34432	0.20359	0.20617	0.03437	0.03325	0.0201	0.02002	4.73E-04	4.23E-05	4.34E-05	1.16E-05	1.12E-05	2.43E-06	2.41E-06	5.8615E-04
608275.5	4200756.35	9498.14991	0.20144	0.20403	0.03499	0.03386	0.02016	0.02008	4.73E-04	4.18E-05	4.29E-05	1.18E-05	1.14E-05	2.43E-06	2.42E-06	5.8562E-04
608275.5	4200763.95	9496.01753	0.1993	0.20189	0.03561	0.03447	0.02023	0.02014	4.73E-04	4.14E-05	4.25E-05	1.20E-05	1.16E-05	2.44E-06	2.43E-06	5.8505E-04
608275.5	4200771.55	9493.31636	0.19715	0.19975	0.03624	0.03508	0.02029	0.02019	4.73E-04	4.09E-05	4.20E-05	1.22E-05	1.18E-05	2.45E-06	2.43E-06	5.8445E-04
608275.5	4200779.15	9489.79778	0.19501	0.19761	0.03687	0.0357	0.02035	0.02025	4.72E-04	4.05E-05	4.16E-05	1.24E-05	1.20E-05	2.46E-06	2.44E-06	5.8381E-04
608275.5	4200786.75	9485.50151	0.19287	0.19547	0.03751	0.03632	0.0204	0.02031	4.72E-04	4.01E-05	4.11E-05	1.26E-05	1.22E-05	2.46E-06	2.45E-06	5.8314E-04
608275.5	4200794.35	9480.42712	0.19073	0.19333	0.03814	0.03695	0.02046	0.02036	4.72E-04	3.96E-05	4.07E-05	1.28E-05	1.24E-05	2.47E-06	2.45E-06	5.8243E-04
608275.5	4200801.95	9474.70312	0.1886	0.1912	0.03879	0.03758	0.02052	0.02041	4.72E-04	3.92E-05	4.02E-05	1.31E-05	1.26E-05	2.48E-06	2.46E-06	5.8170E-04
608275.5	4200809.55	9468.34571	0.18647	0.18907	0.03943	0.03821	0.02057	0.02046	4.71E-04	3.87E-05	3.98E-05	1.33E-05	1.28E-05	2.48E-06	2.47E-06	5.8093E-04
608275.5	4200817.15	9461.5538	0.18435	0.18695	0.04008	0.03885	0.02062	0.02051	4.71E-04	3.83E-05	3.93E-05	1.35E-05	1.30E-05	2.49E-06	2.47E-06	5.8015E-04
608275.5	4200824.75	9454.46179	0.18225	0.18484	0.04073	0.03949	0.02067	0.02056	4.71E-04	3.78E-05	3.89E-05	1.37E-05	1.32E-05	2.50E-06	2.48E-06	5.7936E-04
608275.5	4200832.35	9446.59858	0.18016	0.18274	0.04139	0.04013	0.02072	0.02061	4.70E-04	3.74E-05	3.84E-05	1.39E-05	1.35E-05	2.50E-06	2.48E-06	5.7855E-04
608275.5	4200839.95	9438.10845	0.17807	0.18065	0.04204	0.04078	0.02077	0.02066	4.70E-04	3.70E-05	3.80E-05	1.42E-05	1.37E-05	2.51E-06	2.49E-06	5.7770E-04
608275.5	4200847.55	9429.00972	0.176	0.17857	0.0427	0.04142	0.02082	0.0207	4.69E-04	3.65E-05	3.76E-05	1.44E-05	1.39E-05	2.51E-06	2.49E-06	5.7683E-04
608275.5	4200855.15	9419.45429	0.17394	0.1765	0.04336	0.04207	0.02086	0.02074	4.69E-04	3.61E-05	3.71E-05	1.46E-05	1.41E-05	2.52E-06	2.50E-06	5.7594E-04
608275.5	4200862.75	9409.40313	0.17189	0.17444	0.04402	0.04272	0.02091	0.02078	4.68E-04	3.57E-05	3.67E-05	1.48E-05	1.43E-05	2.52E-06	2.50E-06	5.7503E-04
608275.5	4200870.35	9398.90387	0.16986	0.1724	0.04468	0.04338	0.02095	0.02082	4.68E-04	3.53E-05	3.63E-05	1.50E-05	1.46E-05	2.53E-06	2.51E-06	5.7411E-04
608282.37	4200733.55	9443.10275	0.2043	0.20681	0.03307	0.032	0.0199	0.01982	4.70E-04	4.24E-05	4.35E-05	1.11E-05	1.07E-05	2.40E-06	2.39E-06	5.8272E-04
608282.37	4200741.15	9442.72408	0.20222	0.20474	0.03367	0.03258	0.01997	0.01988	4.70E-04	4.20E-05	4.31E-05	1.13E-05	1.09E-05	2.41E-06	2.40E-06	5.8225E-04
608282.37	4200748.75	9442.02756	0.20014	0.20267	0.03428	0.03318	0.02003	0.01995	4.70E-04	4.16E-05	4.26E-05	1.15E-05	1.11E-05	2.42E-06	2.40E-06	5.8177E-04
608282.37	4200756.35	9440.63584	0.19806	0.2006	0.03489	0.03377	0.02009	0.02001	4.70E-04	4.11E-05	4.22E-05	1.18E-05	1.13E-05	2.43E-06	2.41E-06	5.8125E-04
608282.37	4200763.95	9438.32018	0.19598	0.19852	0.0355	0.03437	0.02015	0.02006	4.70E-04	4.07E-05	4.18E-05	1.20E-05	1.15E-05	2.43E-06	2.42E-06	5.8069E-04
608282.37	4200771.55	9435.19048	0.19389	0.19644	0.03612	0.03498	0.02021	0.02012	4.70E-04	4.03E-05	4.13E-05	1.22E-05	1.17E-05	2.44E-06	2.42E-06	5.8009E-04
608282.37	4200779.15	9431.60128	0.19181	0.19436	0.03675	0.03559	0.02027	0.02018	4.70E-04	3.98E-05	4.09E-05	1.24E-05	1.19E-05	2.45E-06	2.43E-06	5.7947E-04
608282.37	4200786.75	9427.34066	0.18973	0.19228	0.03738	0.03621	0.02033	0.02023	4.69E-04	3.94E-05	4.05E-05	1.26E-05	1.21E-05	2.45E-06	2.44E-06	5.7882E-04
608282.37	4200794.35	9422.31531	0.18766	0.1902	0.03801	0.03682	0.02039	0.02029	4.69E-04	3.90E-05	4.00E-05	1.28E-05	1.23E-05	2.46E-06	2.45E-06	5.7814E-04
608282.37	4200801.95	9416.4767	0.18558	0.18813	0.03864	0.03745	0.02044	0.02034	4.69E-04	3.85E-05	3.96E-05	1.30E-05	1.26E-05	2.47E-06	2.45E-06	5.7741E-04
608282.37	4200809.55	9409.92988	0.18351	0.18605	0.03928	0.03807	0.02049	0.02039	4.68E-04	3.81E-05	3.91E-05	1.32E-05	1.28E-05	2.47E-06	2.46E-06	5.7666E-04
608282.37	4200817.15	9402.95744	0.18145	0.18399	0.03992	0.0387	0.02055	0.02044	4.68E-04	3.77E-05	3.87E-05	1.34E-05	1.30E-05	2.48E-06	2.46E-06	5.7589E-04
608282.37	4200824.75	9395.44062	0.1794	0.18194	0.04056	0.03933	0.0206	0.02048	4.68E-04	3.73E-05	3.83E-05	1.37E-05	1.32E-05	2.49E-06	2.47E-06	5.7509E-04
608282.37	4200832.35	9387.85863	0.17736	0.1799	0.04121	0.03997	0.02065	0.02053	4.67E-04	3.68E-05	3.78E-05	1.39E-05	1.34E-05	2.49E-06	2.47E-06	5.7431E-04
608282.37	4200839.95	9379.39252	0.17534	0.17786	0.04185	0.0406	0.02069	0.02058	4.67E-04	3.64E-05	3.74E-05	1.41E-05	1.36E-05	2.50E-06	2.48E-06	5.7348E-04
608282.37	4200847.55	9370.24971	0.17332	0.17583	0.0425	0.04124	0.02074	0.02062	4.67E-04	3.60E-05	3.70E-05	1.43E-05	1.38E-05	2.50E-06	2.49E-06	5.7262E-04
608282.37	4200855.15	9360.65723	0.17131	0.17382	0.04315	0.04188	0.02078	0.02066	4.66E-04	3.56E-05	3.66E-05	1.45E-05	1.40E-05	2.51E-06	2.49E-06	5.7175E-04
608282.37	4200862.75	9350.58327	0.16932	0.17181	0.0438	0.04253	0.02083	0.0207	4.66E-04	3.52E-05	3.61E-05	1.48E-05	1.43E-05	2.52E-06	2.49E-06	5.7086E-04
608282.37	4200870.35	9340.07314	0.16734	0.16982	0.04445	0.04317	0.02087	0.02074	4.65E-04	3.47E-05	3.57E-05	1.50E-05	1.45E-05	2.52E-06	2.50E-06	5.6995E-04
608289.24	4200733.55	9387.07089	0.20082	0.20328	0.03299	0.03193	0.01984	0.01976	4.67E-04	4.17E-05	4.28E-05	1.11E-05	1.07E-05	2.40E-06	2.38E-06	5.7840E-04
608289.24	4200741.15	9386.39451	0.1988	0.20127	0.03359	0.03251	0.0199	0.01982	4.67E-04	4.13E-05	4.23E-05	1.13E-05	1.09E-05	2.40E-06	2.39E-06	5.7794E-04
608289.24	4200748.75	9385.23675	0.19678	0.19926	0.03419	0.0331	0.01996	0.01988	4.67E-04	4.09E-05	4.19E-05	1.15E-05	1.11E-05	2.41E-06	2.40E-06	5.7745E-04
608289.24	4200756.35	9383.47253	0.19476	0.19724	0.03479	0.03369	0.02002	0.01994	4.67E-04	4.04E-05	4.15E-05	1.17E-05	1.13E-05	2.42E-06	2.40E-06	5.7694E-04
608289.24	4200763.95	9381.16006	0.19274	0.19523	0.0354	0.03428	0.02008	0.01999	4.67E-04	4.00E-05	4.11E-05	1.19E-05	1.15E-05	2.42E-06	2.41E-06	5.7640E-04
608289.24	4200771.55	9377.87356	0.19071	0.1932	0.03601	0.03488	0.02014	0.02005	4.67E-04	3.96E-05	4.06E-05	1.21E-05	1.17E-05	2.43E-06	2.42E-06	5.7580E-04
608289.24	4200779.15	9373.95147	0.18869	0.19118	0.03662	0.03548	0.0202	0.02011	4.67E-04	3.92E-05	4.02E-05	1.23E-05	1.19E-05	2.44E-06	2.42E-06	5.7519E-04
608289.24	4200786.75	9369.46769	0.18666	0.18916	0.03724	0.03609	0.02026	0.02016	4.66E-04	3.88E-05	3.98E-05	1.25E-05	1.21E-05	2.45E-06	2.43E-06	5.7454E-04

608289.24	4200794.35	9364.58316	0.18465	0.18714	0.03787	0.0367	0.02031	0.02021	4.66E-04	3.83E-05	3.94E-05	1.28E-05	1.23E-05	2.45E-06	2.44E-06	5.7389E-04
608289.24	4200801.95	9358.64065	0.18263	0.18512	0.03849	0.03732	0.02037	0.02026	4.66E-04	3.79E-05	3.89E-05	1.30E-05	1.25E-05	2.46E-06	2.44E-06	5.7318E-04
608289.24	4200809.55	9352.16178	0.18062	0.18311	0.03912	0.03793	0.02042	0.02031	4.66E-04	3.75E-05	3.85E-05	1.32E-05	1.27E-05	2.47E-06	2.45E-06	5.7244E-04
608289.24	4200817.15	9344.93118	0.17861	0.1811	0.03975	0.03855	0.02047	0.02036	4.65E-04	3.71E-05	3.81E-05	1.34E-05	1.29E-05	2.47E-06	2.45E-06	5.7167E-04
608289.24	4200824.75	9337.25631	0.17661	0.1791	0.04039	0.03918	0.02052	0.02041	4.65E-04	3.67E-05	3.77E-05	1.36E-05	1.31E-05	2.48E-06	2.46E-06	5.7088E-04
608289.24	4200832.35	9329.69387	0.17463	0.17711	0.04103	0.03981	0.02057	0.02045	4.64E-04	3.63E-05	3.73E-05	1.38E-05	1.34E-05	2.48E-06	2.46E-06	5.7013E-04
608289.24	4200839.95	9321.25436	0.17266	0.17513	0.04166	0.04043	0.02061	0.0205	4.64E-04	3.59E-05	3.68E-05	1.40E-05	1.36E-05	2.49E-06	2.47E-06	5.6931E-04
608289.24	4200847.55	9312.15362	0.17069	0.17316	0.0423	0.04106	0.02066	0.02054	4.64E-04	3.54E-05	3.64E-05	1.42E-05	1.38E-05	2.49E-06	2.48E-06	5.6847E-04
608289.24	4200855.15	9302.44336	0.16874	0.17119	0.04294	0.0417	0.0207	0.02058	4.63E-04	3.50E-05	3.60E-05	1.45E-05	1.40E-05	2.50E-06	2.48E-06	5.6761E-04
608289.24	4200862.75	9292.35001	0.16679	0.16924	0.04359	0.04233	0.02075	0.02062	4.63E-04	3.46E-05	3.56E-05	1.47E-05	1.42E-05	2.51E-06	2.49E-06	5.6673E-04
608289.24	4200870.35	9281.82957	0.16487	0.1673	0.04423	0.04296	0.02079	0.02066	4.62E-04	3.42E-05	3.52E-05	1.49E-05	1.44E-05	2.51E-06	2.49E-06	5.6584E-04
608296.11	4200733.55	9331.36512	0.19743	0.19983	0.03292	0.03187	0.01977	0.01969	4.65E-04	4.10E-05	4.20E-05	1.11E-05	1.07E-05	2.39E-06	2.37E-06	5.7414E-04
608296.11	4200741.15	9330.65876	0.19547	0.19789	0.0335	0.03244	0.01983	0.01975	4.65E-04	4.06E-05	4.16E-05	1.13E-05	1.09E-05	2.39E-06	2.38E-06	5.7369E-04
608296.11	4200748.75	9329.13449	0.19351	0.19593	0.03409	0.03302	0.01989	0.01981	4.64E-04	4.02E-05	4.12E-05	1.15E-05	1.11E-05	2.40E-06	2.39E-06	5.7320E-04
608296.11	4200756.35	9327.0985	0.19154	0.19397	0.03469	0.0336	0.01995	0.01987	4.64E-04	3.98E-05	4.08E-05	1.17E-05	1.13E-05	2.41E-06	2.39E-06	5.7269E-04
608296.11	4200763.95	9324.35747	0.18957	0.19201	0.03529	0.03419	0.02001	0.01992	4.64E-04	3.94E-05	4.04E-05	1.19E-05	1.15E-05	2.42E-06	2.40E-06	5.7215E-04
608296.11	4200771.55	9321.0897	0.18761	0.19004	0.0359	0.03478	0.02007	0.01998	4.64E-04	3.90E-05	4.00E-05	1.21E-05	1.17E-05	2.42E-06	2.41E-06	5.7158E-04
608296.11	4200779.15	9316.9288	0.18564	0.18807	0.0365	0.03538	0.02013	0.02003	4.64E-04	3.85E-05	3.96E-05	1.23E-05	1.19E-05	2.43E-06	2.41E-06	5.7097E-04
608296.11	4200786.75	9312.23253	0.18367	0.18611	0.03712	0.03598	0.02018	0.02009	4.64E-04	3.81E-05	3.92E-05	1.25E-05	1.21E-05	2.44E-06	2.42E-06	5.7034E-04
608296.11	4200794.35	9307.1439	0.18171	0.18415	0.03773	0.03658	0.02024	0.02014	4.63E-04	3.77E-05	3.87E-05	1.27E-05	1.23E-05	2.44E-06	2.43E-06	5.6968E-04
608296.11	4200801.95	9301.18365	0.17974	0.18218	0.03835	0.03719	0.02029	0.02019	4.63E-04	3.73E-05	3.83E-05	1.29E-05	1.25E-05	2.45E-06	2.43E-06	5.6899E-04
608296.11	4200809.55	9294.69519	0.17779	0.18022	0.03897	0.0378	0.02034	0.02024	4.63E-04	3.69E-05	3.79E-05	1.31E-05	1.27E-05	2.46E-06	2.44E-06	5.6827E-04
608296.11	4200817.15	9287.54872	0.17584	0.17827	0.03959	0.03841	0.02039	0.02028	4.62E-04	3.65E-05	3.75E-05	1.33E-05	1.29E-05	2.46E-06	2.44E-06	5.6753E-04
608296.11	4200824.75	9279.8082	0.17388	0.17632	0.04022	0.03902	0.02044	0.02033	4.62E-04	3.61E-05	3.71E-05	1.35E-05	1.31E-05	2.47E-06	2.45E-06	5.6675E-04
608296.11	4200832.35	9272.01242	0.17196	0.17439	0.04085	0.03964	0.02049	0.02038	4.62E-04	3.57E-05	3.67E-05	1.38E-05	1.33E-05	2.47E-06	2.46E-06	5.6599E-04
608296.11	4200839.95	9263.60093	0.17004	0.17246	0.04148	0.04026	0.02054	0.02042	4.61E-04	3.53E-05	3.63E-05	1.40E-05	1.35E-05	2.48E-06	2.46E-06	5.6520E-04
608296.11	4200847.55	9254.54912	0.16813	0.17054	0.04211	0.04089	0.02058	0.02046	4.61E-04	3.49E-05	3.59E-05	1.42E-05	1.37E-05	2.49E-06	2.47E-06	5.6438E-04
608296.11	4200855.15	9244.88861	0.16622	0.16862	0.04274	0.04151	0.02062	0.0205	4.60E-04	3.45E-05	3.55E-05	1.44E-05	1.39E-05	2.49E-06	2.47E-06	5.6353E-04
608296.11	4200862.75	9234.77797	0.16433	0.16672	0.04337	0.04213	0.02067	0.02054	4.60E-04	3.41E-05	3.51E-05	1.46E-05	1.41E-05	2.50E-06	2.48E-06	5.6267E-04
608296.11	4200870.35	9224.24828	0.16245	0.16483	0.04401	0.04276	0.02071	0.02058	4.59E-04	3.37E-05	3.47E-05	1.48E-05	1.43E-05	2.50E-06	2.48E-06	5.6179E-04
608302.98	4200733.55	9275.89636	0.19411	0.19647	0.03284	0.0318	0.0197	0.01962	4.62E-04	4.03E-05	4.13E-05	1.11E-05	1.07E-05	2.38E-06	2.36E-06	5.6992E-04
608302.98	4200741.15	9275.2537	0.19221	0.19458	0.03342	0.03237	0.01977	0.01968	4.62E-04	3.99E-05	4.09E-05	1.13E-05	1.09E-05	2.39E-06	2.37E-06	5.6948E-04
608302.98	4200748.75	9273.80375	0.19031	0.19268	0.034	0.03294	0.01983	0.01974	4.62E-04	3.95E-05	4.05E-05	1.15E-05	1.10E-05	2.39E-06	2.38E-06	5.6903E-04
608302.98	4200756.35	9271.41182	0.1884	0.19078	0.03459	0.03351	0.01989	0.0198	4.62E-04	3.91E-05	4.01E-05	1.16E-05	1.12E-05	2.40E-06	2.39E-06	5.6852E-04
608302.98	4200763.95	9268.25382	0.18648	0.18886	0.03518	0.03409	0.01994	0.01985	4.61E-04	3.87E-05	3.97E-05	1.18E-05	1.14E-05	2.41E-06	2.39E-06	5.6796E-04
608302.98	4200771.55	9264.83184	0.18457	0.18696	0.03578	0.03468	0.02	0.01991	4.61E-04	3.83E-05	3.93E-05	1.21E-05	1.16E-05	2.41E-06	2.40E-06	5.6741E-04
608302.98	4200779.15	9260.6114	0.18266	0.18504	0.03638	0.03527	0.02006	0.01996	4.61E-04	3.79E-05	3.89E-05	1.23E-05	1.18E-05	2.42E-06	2.41E-06	5.6681E-04
608302.98	4200786.75	9255.7116	0.18074	0.18313	0.03699	0.03586	0.02011	0.02001	4.61E-04	3.75E-05	3.85E-05	1.25E-05	1.20E-05	2.43E-06	2.41E-06	5.6618E-04
608302.98	4200794.35	9250.25108	0.17883	0.18122	0.03759	0.03646	0.02017	0.02006	4.61E-04	3.71E-05	3.81E-05	1.27E-05	1.22E-05	2.44E-06	2.42E-06	5.6553E-04
608302.98	4200801.95	9244.10465	0.17692	0.17931	0.0382	0.03706	0.02022	0.02011	4.60E-04	3.67E-05	3.77E-05	1.29E-05	1.24E-05	2.44E-06	2.42E-06	5.6484E-04
608302.98	4200809.55	9237.69409	0.17502	0.1774	0.03882	0.03766	0.02027	0.02016	4.60E-04	3.63E-05	3.73E-05	1.31E-05	1.26E-05	2.45E-06	2.43E-06	5.6415E-04
608302.98	4200817.15	9230.63656	0.17312	0.1755	0.03943	0.03826	0.02032	0.02021	4.60E-04	3.60E-05	3.69E-05	1.33E-05	1.28E-05	2.45E-06	2.44E-06	5.6342E-04
608302.98	4200824.75	9223.00277	0.17123	0.17361	0.04005	0.03887	0.02037	0.02025	4.59E-04	3.56E-05	3.65E-05	1.35E-05	1.30E-05	2.46E-06	2.44E-06	5.6268E-04
608302.98	4200832.35	9214.80991	0.16935	0.17172	0.04067	0.03948	0.02041	0.0203	4.59E-04	3.52E-05	3.61E-05	1.37E-05	1.32E-05	2.46E-06	2.45E-06	5.6191E-04
608302.98	4200839.95	9206.34126	0.16747	0.16984	0.04129	0.04009	0.02046	0.02034	4.58E-04	3.48E-05	3.57E-05	1.39E-05	1.34E-05	2.47E-06	2.45E-06	5.6112E-04
608302.98	4200847.55	9197.34042	0.16561	0.16797	0.04191	0.04071	0.0205	0.02038	4.58E-04	3.44E-05	3.53E-05	1.41E-05	1.37E-05	2.48E-06	2.46E-06	5.6032E-04
608302.98	4200855.15	9187.81716	0.16376	0.16611	0.04254	0.04132	0.02054	0.02042	4.57E-04	3.40E-05	3.49E-05	1.43E-05	1.39E-05	2.48E-06	2.46E-06	5.5950E-04
608302.98	4200862.75	9177.69157	0.16191	0.16425	0.04316	0.04194	0.02059	0.02046	4.57E-04	3.36E-05	3.46E-05	1.45E-05	1.41E-05	2.49E-06	2.47E-06	5.5865E-04
608302.98	4200870.35	9167.15547	0.16008	0.16241	0.04378	0.04256	0.02063	0.0205	4.56E-04	3.32E-05	3.42E-05	1.47E-05	1.43E-05	2.49E-06	2.47E-06	5.5778E-04

Ranch EIR Residential Project Construction Parameters

Phase 3

Construction Annual DPM Emissions (PM2.5 Exhaust) **Unmitigated Concentrations**

Annual Average Onsite DPM Rate (grams/m2/sec):	1.70E-08
Annual Average Offsite DPM Emission Rate - Road 1 (grams/sec):	6.02E-06
Annual Average Offsite DPM Emission Rate - Road 2 (grams/sec):	6.10E-06
Annual Average Offsite DPM Emission Rate - Road 3 (grams/sec):	9.77E-06
Annual Average Offsite DPM Emission Rate - Road 4 (grams/sec):	9.73E-06
Annual Average Offsite DPM Emission Rate - Road 5 (grams/sec):	3.50E-06
Annual Average Offsite DPM Emission Rate - Road 6 (grams/sec):	3.49E-06

X	Y	Onsite Phase 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 1 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 4 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 5 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 6 Unit Emissions VALUES AVERAGED AVERAGE CONC	Onsite Phase 3 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 1 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 2 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 3 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 4 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 5 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 6 Annual DPM Exhaust w/Actual Emissions (ug/m3)	**Total DPM (ug/m3)**
605009.76	4201463.46	9951.06161	0.00295	0.00295	0.01178	0.01195	0.10995	0.11322	1.70E-04	1.78E-08	1.80E-08	1.15E-07	1.16E-07	3.85E-07	3.96E-07	1.6990E-04
605020.97	4201489.77	10034.83846	0.00295	0.00296	0.01192	0.0121	0.11465	0.11811	1.71E-04	1.78E-08	1.81E-08	1.16E-07	1.18E-07	4.01E-07	4.13E-07	1.7133E-04
605025.63	4201440.58	10937.12062	0.00301	0.00301	0.01197	0.01215	0.11463	0.11811	1.86E-04	1.81E-08	1.84E-08	1.17E-07	1.18E-07	4.01E-07	4.13E-07	1.8671E-04
605045.35	4201493.83	10577.01547	0.00292	0.00293	0.01195	0.01213	0.11763	0.12129	1.80E-04	1.76E-08	1.79E-08	1.17E-07	1.18E-07	4.12E-07	4.24E-07	1.8057E-04
605052.57	4201438.73	12064.31901	0.00303	0.00303	0.01215	0.01233	0.12091	0.12468	2.06E-04	1.82E-08	1.85E-08	1.19E-07	1.20E-07	4.23E-07	4.36E-07	2.0593E-04
605067.01	4201501.96	11093.38638	0.0029	0.00291	0.01203	0.01221	0.12155	0.12541	1.89E-04	1.75E-08	1.78E-08	1.17E-07	1.19E-07	4.26E-07	4.38E-07	1.8938E-04
605077.3	4201449.8	12824.07783	0.00301	0.00302	0.01225	0.01243	0.12606	0.1301	2.19E-04	1.81E-08	1.84E-08	1.20E-07	1.21E-07	4.41E-07	4.55E-07	2.1889E-04
605088.68	4201514.14	11576.44305	0.00289	0.0029	0.01214	0.01232	0.12652	0.13065	1.97E-04	1.74E-08	1.77E-08	1.19E-07	1.20E-07	4.43E-07	4.57E-07	1.9761E-04
605094.28	4201462.35	13101.05304	0.00297	0.00298	0.01226	0.01244	0.12804	0.1322	2.23E-04	1.79E-08	1.82E-08	1.20E-07	1.21E-07	4.48E-07	4.62E-07	2.2361E-04
605106.29	4201530.4	11859.04624	0.00287	0.00289	0.01225	0.01243	0.13151	0.13591	2.02E-04	1.73E-08	1.76E-08	1.20E-07	1.21E-07	4.60E-07	4.75E-07	2.0243E-04
605113.1	4201473.42	13562.00181	0.00295	0.00295	0.01233	0.01251	0.13192	0.13628	2.31E-04	1.78E-08	1.80E-08	1.20E-07	1.22E-07	4.62E-07	4.76E-07	2.3147E-04
605134.6	4201499.62	13533.87765	0.00288	0.00289	0.01235	0.01253	0.135	0.13952	2.31E-04	1.73E-08	1.76E-08	1.21E-07	1.22E-07	4.73E-07	4.88E-07	2.3099E-04
605151.19	4201482.44	15215.6272	0.00296	0.00297	0.01262	0.0128	0.14433	0.1493	2.59E-04	1.78E-08	1.81E-08	1.23E-07	1.24E-07	5.05E-07	5.22E-07	2.5966E-04
605168.07	4201530.53	14071.15656	0.00285	0.00287	0.01256	0.01275	0.14633	0.15149	2.40E-04	1.72E-08	1.75E-08	1.23E-07	1.24E-07	5.12E-07	5.29E-07	2.4015E-04
605172.03	4201466.28	17878.87846	0.0031	0.00311	0.01308	0.01327	0.16061	0.16635	3.05E-04	1.87E-08	1.90E-08	1.28E-07	1.29E-07	5.62E-07	5.81E-07	3.0507E-04
605181.62	4201558.83	13753.42752	0.00281	0.00283	0.01262	0.01281	0.15097	0.15646	2.34E-04	1.69E-08	1.73E-08	1.23E-07	1.25E-07	5.29E-07	5.47E-07	2.3473E-04
605188.98	4201454.15	20446.21075	0.00321	0.00323	0.01347	0.01367	0.17321	0.17944	3.49E-04	1.93E-08	1.97E-08	1.32E-07	1.33E-07	6.06E-07	6.27E-07	3.4885E-04
605191.33	4201515.02	15952.80831	0.00291	0.00293	0.01284	0.01303	0.15756	0.16325	2.72E-04	1.75E-08	1.79E-08	1.25E-07	1.27E-07	5.52E-07	5.70E-07	2.7223E-04
605193.13	4201585.31	13627.91235	0.0028	0.00283	0.01279	0.01299	0.15889	0.16489	2.32E-04	1.69E-08	1.73E-08	1.25E-07	1.26E-07	5.56E-07	5.76E-07	2.3260E-04
605201.19	4201601.43	13296.47736	0.00275	0.00278	0.01274	0.01294	0.15808	0.16407	2.27E-04	1.66E-08	1.70E-08	1.24E-07	1.26E-07	5.53E-07	5.73E-07	2.2695E-04
605202.19	4201404.28	30314.96847	0.00367	0.00368	0.01494	0.01516	0.19319	0.20005	5.17E-04	2.21E-08	2.24E-08	1.46E-07	1.47E-07	6.76E-07	6.99E-07	5.1711E-04
605207.14	4201438.92	24909.77694	0.00343	0.00344	0.01424	0.01445	0.19283	0.2	4.25E-04	2.07E-08	2.10E-08	1.39E-07	1.41E-07	6.75E-07	6.99E-07	4.2495E-04
605207.2	4201501	17947.74259	0.00301	0.00303	0.01315	0.01335	0.17022	0.17656	3.06E-04	1.81E-08	1.85E-08	1.28E-07	1.30E-07	5.96E-07	6.17E-07	3.0625E-04
605208.1	4201623.31	12572.12144	0.00265	0.00268	0.01256	0.01276	0.15217	0.15788	2.14E-04	1.60E-08	1.63E-08	1.23E-07	1.24E-07	5.33E-07	5.52E-07	2.1459E-04
605226.39	4201488.08	20479.63758	0.00311	0.00313	0.01351	0.01371	0.1852	0.19234	3.49E-04	1.87E-08	1.91E-08	1.32E-07	1.33E-07	6.48E-07	6.72E-07	3.4942E-04
605226.91	4201528.1	17427.90932	0.00293	0.00295	0.01316	0.01336	0.1744	0.18103	2.97E-04	1.76E-08	1.80E-08	1.29E-07	1.30E-07	6.11E-07	6.33E-07	2.9738E-04
605227.67	4201640.58	12749.59312	0.00263	0.00266	0.01267	0.01288	0.15881	0.16497	2.17E-04	1.58E-08	1.62E-08	1.24E-07	1.25E-07	5.56E-07	5.77E-07	2.1762E-04
605241.22	4201548.03	17378.57033	0.00291	0.00294	0.01329	0.0135	0.18354	0.19078	2.96E-04	1.75E-08	1.79E-08	1.30E-07	1.31E-07	6.43E-07	6.67E-07	2.9655E-04
605249.55	4201659	13037.52202	0.00262	0.00265	0.01285	0.01306	0.1688	0.17567	2.22E-04	1.58E-08	1.62E-08	1.25E-07	1.27E-07	5.91E-07	6.14E-07	2.2253E-04
605251.44	4201595.54	16043.06805	0.00286	0.00289	0.01342	0.01363	0.19255	0.20054	2.73E-04	1.72E-08	1.76E-08	1.31E-07	1.33E-07	6.74E-07	7.01E-07	2.7378E-04
605251.89	4201403.82	35832.1866	0.00366	0.00367	0.01505	0.01526	0.21408	0.22267	6.11E-04	2.20E-08	2.24E-08	1.47E-07	1.48E-07	7.50E-07	7.78E-07	6.1116E-04
605255.31	4201424.35	32444.9934	0.00356	0.00357	0.01486	0.01507	0.21806	0.2268	5.53E-04	2.14E-08	2.18E-08	1.45E-07	1.47E-07	7.63E-07	7.93E-07	5.5342E-04
605262.68	4201624.15	15165.51197	0.00278	0.0028	0.01333	0.01355	0.19128	0.19935	2.59E-04	1.67E-08	1.71E-08	1.30E-07	1.32E-07	6.70E-07	6.97E-07	2.5882E-04
605269.83	4201576.12	18270.93229	0.00298	0.00301	0.01384	0.01407	0.21409	0.22334	3.11E-04	1.79E-08	1.84E-08	1.35E-07	1.37E-07	7.50E-07	7.80E-07	3.1177E-04
605271.43	4201670.51	13477.44456	0.00263	0.00265	0.01303	0.01326	0.18013	0.18782	2.30E-04	1.58E-08	1.62E-08	1.27E-07	1.29E-07	6.31E-07	6.56E-07	2.3004E-04
605272.78	4201468.12	26226.85305	0.00324	0.00326	0.01411	0.01431	0.21302	0.22192	4.47E-04	1.95E-08	1.99E-08	1.38E-07	1.39E-07	7.46E-07	7.76E-07	4.4740E-04
605279.99	4201489.75	24052.93274	0.00312	0.00314	0.01391	0.01411	0.20905	0.21772	4.10E-04	1.88E-08	1.92E-08	1.36E-07	1.37E-07	7.32E-07	7.61E-07	4.1034E-04
605283.25	4201414.66	38335.61416	0.00368	0.00369	0.01537	0.01559	0.23544	0.2453	6.53E-04	2.22E-08	2.25E-08	1.50E-07	1.52E-07	8.24E-07	8.57E-07	6.5385E-04
605285.4	4201543.23	20451.88379	0.00299	0.00302	0.01383	0.01404	0.2135	0.22255	3.49E-04	1.80E-08	1.84E-08	1.35E-07	1.37E-07	7.48E-07	7.78E-07	3.4895E-04
605286.18	4201633.34	15800.39754	0.00278	0.00281	0.01354	0.01377	0.20554	0.21458	2.69E-04	1.67E-08	1.71E-08	1.32E-07	1.34E-07	7.20E-07	7.50E-07	2.6965E-04
605286.6	4201513.79	22235.48601	0.00303	0.00306	0.01381	0.01402	0.20836	0.21699	3.79E-04	1.82E-08	1.87E-08	1.35E-07	1.36E-07	7.30E-07	7.58E-07	3.7935E-04
605288.7	4201676.27	13875.79782	0.00263	0.00265	0.01318	0.0134	0.18949	0.19785	2.37E-04	1.58E-08	1.62E-08	1.29E-07	1.30E-07	6.63E-07	6.91E-07	2.3683E-04
605303.55	4201645.09	15836.73114	0.00274	0.00277	0.01358	0.01381	0.21134	0.22086	2.70E-04	1.65E-08	1.69E-08	1.33E-07	1.34E-07	7.40E-07	7.72E-07	2.7027E-04
605305.23	4201576.28	20757.10304	0.00308	0.00311	0.01448	0.01471	0.25115	0.26271	3.54E-04	1.85E-08	1.90E-08	1.41E-07	1.43E-07	8.79E-07	9.18E-07	3.5416E-04
605306.62	4201416.94	42247.2438	0.00379	0.0038	0.01592	0.01616	0.25477	0.26588	7.20E-04	2.28E-08	2.32E-08	1.55E-07	1.57E-07	8.92E-07	9.29E-07	7.2054E-04
605315.44	4201466.31	31105.25782	0.00337	0.00339	0.01478	0.01499	0.25049	0.26186	5.30E-04	2.03E-08	2.07E-08	1.44E-07	1.46E-07	8.77E-07	9.15E-07	5.3058E-04
605322.05	4201586.49	21392.46733	0.00311	0.00314	0.01479	0.01504	0.2715	0.28441	3.65E-04	1.87E-08	1.92E-08	1.44E-07	1.46E-07	9.51E-07	9.94E-07	3.6500E-04
605331.61	4201420.86	45813.83566	0.00388	0.0039	0.01649	0.01673	0.27743	0.29023	7.81E-04	2.34E-08	2.38E-08	1.61E-07	1.63E-07	9.71E-07	1.01E-06	7.8135E-04
605335.73	4201683.92	15336.89307	0.00267	0.00269	0.01368	0.01391	0.22453	0.23543	2.61E-04	1.61E-08	1.64E-08	1.34E-07	1.35E-07	7.86E-07	8.23E-07	2.6175E-04
605338.73	4201527.72	24487.03484	0.00305	0.00307	0.0143	0.01451	0.24316	0.25419	4.17E-04	1.84E-08	1.87E-08	1.40E-07	1.41E-07	8.51E-07	8.88E-07	4.1774E-04
605341.29	4201471.54	33096.65592	0.00343	0.00345	0.01516	0.01539	0.27732	0.29067	5.64E-04	2.07E-08	2.10E-08	1.48E-07	1.50E-07	9.71E-07	1.02E-06	5.6453E-04
605343.08	4201606.92	21245.63888	0.00309	0.00312	0.01499	0.01525	0.29152	0.30595	3.62E-04	1.86E-08	1.90E-08	1.46E-07	1.48E-07	1.02E-06	1.07E-06	3.6250E-04
605346.39	4201549.18	23802.15546	0.00305	0.00308	0.01449	0.01472	0.26143	0.27384	4.06E-04	1.84E-08	1.88E-08	1.42E-07	1.43E-07	9.15E-07	9.57E-07	4.0607E-04
605347.42	4201504.74	27653.18416	0.00316	0.00319	0.01457	0.01478	0.25826	0.27051	4.71E-04	1.90E-08	1.95E-08	1.42E-07	1.44E-07	9.04E-07	9.45E-07	4.7172E-04
605353.26	4201422.76	48701.97423	0.00395	0.00397	0.01692	0.01717	0.29815	0.31288	8.30E-04	2.38E-08	2.42E-08	1.65E-07	1.67E-07	1.04E-06	1.09E-06	8.3059E-04
605355.14	4201690.56	15827.60483	0.00269	0.00271	0.01389	0.01414	0.24198	0.25428	2.70E-04	1.62E-08	1.65E-08	1.36E-07	1.38E-07	8.47E-07	8.89E-07	2.7012E-04
605358.21	4201654.29	18151.53871	0.00285	0.00287	0.0144	0.01465	0.27037	0.2843	3.09E-04	1.72E-08	1.75E-08	1.41E-07	1.42E-07	9.47E-07	9.94E-07	3.0974E-04
605363.25	4201470.52	35999.28074	0.00353	0.00356	0.01568	0.01592	0.30717	0.32267	6.14E-04	2.13E-08	2.17E-08	1.53E-07	1.55E-07	1.08E-06	1.13E-06	6.1402E-04
605367.72	4201603.92	23255.79007	0.00319	0.00322	0.01557	0.01584	0.33023	0.34751	3.96E-04	1.92E-08	1.96E-08	1.52E-07	1.54E-07	1.16E-06	1.21E-06	3.9678E-04
605371.93	4201559.39	24979.67051	0.00311	0.00314	0.01495	0.01518	0.29864	0.31403	4.26E-04	1.87E-08	1.92E-08	1.46E-07	1.48E-07	1.05E-06	1.10E-06	4.2616E-04
605375.91	4201424.82	50831.6277	0.004	0.00402	0.01725	0.0175	0.32226	0.33904	8.67E-04	2.41E-08	2.45E-08	1.68E-07	1.70E-07	1.13E-06	1.18E-06	8.6690E-04
605379.67	4201688.01	16980.07181	0.00275	0.00277	0.01428	0.01453	0.27281	0.28749	2.89E-04	1.66E-08	1.69E-08	1.39E-07	1.41E-07	9.55E-07	1.00E-06	2.8977E-04
605382.73	4201653.78	19397.23015	0.00291	0.00293	0.0148	0.01506	0.30463	0.32129	3.31E-04	1.75E-08	1.79E-08	1.45E-07	1.46E-07	1.07E-06	1.12E-06	3.3099E-04
605391.16	4201606.92	24881.41245	0.00328	0.00332	0.01617	0.01645	0.37145	0.39227	4.24E-04	1.98E-08	2.03E-08	1.58E-07	1.60E-07	1.30E-06	1.37E-06	4.2451E-04
605392.87	4201547.64	26377.02341	0.00309	0.00312	0.01496	0.01518	0.30317	0.31899	4.50E-04	1.86E-08	1.90E-08	1.46E-07	1.48E-07	1.06E-06	1.11E-06	4.4998E-04
605397.74	4201432.23	50304.25353	0.00397	0.00399	0.01731	0.01757	0.34987	0.36919	8.58E-04	2.39E-08	2.43E-08	1.69E-07	1.71E-07	1.23E-06	1.29E-06	8.5792E-04
605400.1	4201689.03	17755.9543	0.00278	0.0028	0.01457	0.01482	0.29963	0.31661	3.03E-04	1.67E-08	1.71E-08	1.42E-07	1.44E-07	1.05E-06	1.11E-06	3.0300E-04
605401.04	4201524.15	28616.3576	0.00313	0.00316	0.015	0.01521	0.30202	0.31793	4.88E-04	1.88E-08	1.93E-08	1.46E-07	1.48E-07	1.06E-06	1.11E-06	4.8815E-04
605402.58	4201503.72	31476.66334	0.00324	0.00327	0.0152	0.01542	0.31565	0.33301	5.37E-04	1.95E-08	1.99E-08	1.48E-07	1.50E-07	1.11E-06	1.16E-06	5.3691E-04
605407.25	4201655.82	20334.71473	0.00294	0.00297	0.01513	0.0154	0.33857	0.35813	3.47E-04	1.77E-08	1.81E-08	1.48E-07	1.50E-07	1.19E-06	1.25E-06	3.4698E-04
605407.68	4201483.8	35935.28071	0.00344	0.00347	0.01574	0.01596	0.34715	0.36718	6.13E-04	2.07E-08	2.12E-08	1.54E-07	1.55E-07	1.22E-06	1.28E-06	6.1293E-04
605416.39	4201604.52	26330.71098	0.00333	0.00336	0.01653	0.01682	0.41318	0.43749	4.49E-04	2.01E-08	2.05E-08	1.61E-07	1.64E-07	1.45E-06	1.53E-06	4.4922E-04
605416.69	4201438.82	49488.97983	0.00394	0.00396	0.01732	0.01758	0.37663	0.39816	8.44E-04	2.37E-08	2.42E-08	1.69E-07	1.71E-07	1.32E-06	1.39E-06	8.4402E-04
605423.6	4201689.54	18587.75863	0.00281	0.00283	0.01487	0.01514	0.33225	0.3522	3.17E-04	1.69E-08	1.73E-08	1.45E-07	1.47E-07	1.16E-06	1.23E-06	3.1719E-04
605425.13	4201659.91	20781.20895	0.00295	0.00298	0.01533	0.0156	0.36407	0.38614	3.54E-04	1.78E-08	1.82E-08	1.50E-07	1.52E-07	1.27E-06	1.35E-06	3.5459E-04
605438.52	4201442.12	49767.92912	0.00393	0.00395	0.01743	0.0177	0.40979	0.43478	8.48E-04	2.37E-08	2.41E-08	1.70E-07	1.72E-07	1.43E-06	1.52E-06	8.4877E-04
605439.23	4201611.73	26814.54456	0.00334	0.00337	0.01681	0.01711	0.45757	0.48614	4.57E-04	2.01E-08	2.06E-08	1.64E-07	1.66E-07	1.60E-06	1.70E-06	4.5747E-04
605440.46	4201696.18	18813.86003	0.00282	0.00284	0.01504	0.01531	0.35557	0.37798	3.21E-04	1.70E-08	1.73E-08	1.47E-07	1.49E-07	1.24E-06	1.32E-06	3.2105E-04
605441.9	4201530.28	30927.83462	0.00323	0.00326	0.01565	0.01588	0.37673	0.3999	5.27E-04	1.94E-08	1.99E-08	1.53E-07	1.54E-07	1.32E-06	1.40E-06	5.2757E-04
605441.9	4201555.3	29483.68868	0.00326	0.00329	0.01597	0.01622	0.40949	0.43524	5.03E-04	1.96E-08	2.01E-08	1.56E-07	1.58E-07	1.43E-06	1.52E-06	5.0296E-04
605448.12	4201661.95	21706.7905	0.003	0.00303	0.01571	0.016	0.41161	0.43855	3.70E-04	1.81E-08	1.85E-08	1.53E-07	1.56E-07	1.44E-06	1.53E-06	3.7038E-04
605450.08	4201487.89	37718.635	0.00347	0.0035	0.01616	0.0164	0.41026	0.43677	6.43E-04	2.09E-08	2.14E-08	1.58E-07	1.60E-07	1.44E-06	1.53E-06	6.4334E-04
605450.59	4201506.27	34550.04769	0.00335	0.00338	0.01592	0.01615	0.39992	0.42555	5.89E-04	2.02E-08	2.06E-08	1.55E-07	1.57E-07	1.40E-06	1.49E-06	5.8932E-04
605456.65	4201611.13	27722.03822	0.00338	0.00341	0.0171	0.0174	0.49801	0.53105	4.73E-04	2.04E-08	2.08E-08	1.67E-07	1.69E-07	1.74E-06	1.86E-06	4.7295E-04
605459.12	4201443.35	50531.68065	0.00394	0.00397	0.01761	0.01788	0.4455	0.47423	8.61E-04	2.37E-08	2.42E-08	1.72E-07	1.74E-07	1.56E-06	1.66E-06	8.6180E-04
605462.43	4201701.8	19277.18009	0.00284	0.00286	0.01531	0.01559	0.39407	0.42077	3.29E-04	1.71E-08	1.74E-08	1.50E-07	1.52E-07	1.38E-06	1.47E-06	3.2895E-04
605466.42	4201572.67	30243.44775	0.00337	0.0034	0.01676	0.01703	0.49393	0.52743	5.16E-04	2.03E-08	2.07E-08	1.64E-07	1.66E-07	1.73E-06	1.84E-06	5.1592E-04
605467.03	4201661.95	22695.98981	0.00307	0.00309	0.01613	0.01642	0.46477	0.49718	3.87E-04	1.85E-08	1.88E-08	1.58E-07	1.60E-07	1.63E-06	1.74E-06	3.8725E-04
605483.09	4201613.53	28681.15404	0.00342	0.00345	0.0175	0.01781	0.57034	0.61221	4.89E-04	2.06E-08	2.10E-08	1.71E-07	1.73E-07	2.00E-06	2.14E-06	4.8931E-04
605483.88	4201705.38	19937.2519	0.00289	0.0029	0.01567	0.01596	0.44836	0.48116	3.40E-04	1.74E-08	1.77E-08	1.53E-07	1.55E-07	1.57E-06	1.68E-06	3.4021E-04
605484.66	4201447.47	50775.22089	0.00395	0.00398	0.01785	0.01812	0.49981	0.53446	8.66E-04	2.38E-08	2.43E-08	1.74E-07	1.76E-07	1.75E-06	1.87E-06	8.6595E-04
605492.57	4201664	23891.40934	0.00316	0.00318	0.0167	0.01701	0.55145	0.59367	4.07E-04	1.90E-08	1.94E-08	1.63E-07	1.65E-07	1.93E-06	2.07E-06	4.0764E-04
605492.98	4201561.94	31633.43191	0.00336	0.0034	0.01681	0.01708	0.54229	0.58375	5.39E-04	2.02E-08	2.07E-08	1.64E-07	1.66E-07	1.90E-06	2.04E-06	5.3962E-04
605498.6	4201538.96	33016.44401	0.00332	0.00335	0.01647	0.01671	0.50926	0.54855	5.63E-04	2.00E-08	2.04E-08	1.61E-07	1.63E-07	1.78E-06	1.92E-06	5.6319E-04
605501.15	4201514.96	35743.3342	0.00338	0.00341	0.01649	0.01673	0.50649	0.54572	6.09E-04	2.04E-08	2.08E-08	1.61E-07	1.63E-07	1.77E-06	1.91E-06	6.0967E-04
605502.92	4201612.33	29508.70362	0.00345	0.00349	0.01778	0.01809	0.6348	0.68507	5.03E-04	2.08E-08	2.13E-08	1.74E-07	1.76E-07	2.22E-06	2.39E-06	5.0342E-04
605503.19	4201494.01	39331.27349	0.00351	0.00355	0.01676	0.01701	0.52643	0.56761	6.70E-04	2.11E-08	2.17E-08	1.64E-07	1.65E-07	1.84E-06	1.98E-06	6.7084E-04
605504.84	4201447.88	52319.74852	0.00402	0.00405	0.01829	0.01858	0.55312	0.59496	8.92E-04	2.42E-08	2.47E-08	1.79E-07	1.81E-07	1.94E-06	2.08E-06	8.9229E-04
605506.45	4201709.81	20736.81926	0.00296	0.00298	0.01616	0.01647	0.53053	0.57377	3.53E-04	1.78E-08	1.82E-08	1.58E-07	1.60E-07	1.86E-06	2.01E-06	3.5385E-04
605507.9	4201666.04	24611.98917	0.00322	0.00324	0.0171	0.01742	0.61754	0.66807	4.20E-04	1.94E-08	1.98E-08	1.67E-07	1.69E-07	2.16E-06	2.33E-06	4.1993E-04
605523.95	4201611.73	30349.32728	0.00349	0.00352	0.0181	0.01842	0.7198	0.78222	5.17E-04	2.10E-08	2.15E-08	1.77E-07	1.79E-07	2.52E-06	2.73E-06	5.1776E-04
605525.44	4201445.41	55250.93199	0.00416	0.00419	0.01899	0.01929	0.61887	0.67059	9.42E-04	2.50E-08	2.56E-08	1.85E-07	1.88E-07	2.17E-06	2.34E-06	9.4228E-04
605529.85	4201708.66	21857.7945	0.00305	0.00307	0.01673	0.01705	0.64117	0.69871	3.73E-04	1.84E-08	1.87E-08	1.63E-07	1.66E-07	2.24E-06	2.44E-06	3.7297E-04
605535.44	4201664.55	26323.18149	0.00336	0.00338	0.01794	0.01827	0.76843	0.83973	4.49E-04	2.02E-08	2.06E-08	1.75E-07	1.78E-07	2.69E-06	2.93E-06	4.4912E-04
605544.56	4201490.44	42161.93886	0.00364	0.00368	0.01752	0.01779	0.68202	0.74586	7.19E-04	2.19E-08	2.24E-08	1.71E-07	1.73E-07	2.39E-06	2.61E-06	7.1911E-04
605546.45	4201443.77	57044.04836	0.00424	0.00428	0.01949	0.0198	0.69753	0.76333	9.72E-04	2.55E-08	2.61E-08	1.90E-07	1.93E-07	2.44E-06	2.67E-06	9.7285E-04
605546.79	4201603.32	31440.83325	0.00351	0.00354	0.01826	0.01857	0.82057	0.8996	5.36E-04	2.11E-08	2.16E-08	1.78E-07	1.81E-07	2.87E-06	3.14E-06	5.3637E-04
605547.12	4201515.47	37507.90349	0.00345	0.00349	0.01711	0.01737	0.66138	0.72561	6.39E-04	2.08E-08	2.13E-08	1.67E-07	1.69E-07	2.32E-06	2.54E-06	6.3977E-04
605553.76	4201533.34	35229.05937	0.00337	0.00341	0.01706	0.01732	0.67397	0.74166	6.01E-04	2.03E-08	2.08E-08	1.67E-07	1.68E-07	2.36E-06	2.59E-06	6.0092E-04
605554.89	4201703.55	23512.9295	0.00319	0.00321	0.01754	0.01788	0.81759	0.90038	4.01E-04	1.92E-08	1.96E-08	1.71E-07	1.74E-07	2.86E-06	3.15E-06	4.0120E-04
605558.77	4201654.65	28611.23978	0.00353	0.00355	0.01887	0.01922	0.94405	1.04388	4.88E-04	2.13E-08	2.17E-08	1.84E-07	1.87E-07	3.31E-06	3.65E-06	4.8814E-04
605564.99	4201556.84	33545.26565	0.00337	0.0034	0.01734	0.01761	0.76815	0.85274	5.72E-04	2.03E-08	2.07E-08	1.69E-07	1.71E-07	2.69E-06	2.98E-06	5.7222E-04
605565.42	4201590.1	32388.39376	0.00349	0.00352	0.01816	0.01846	0.89866	0.99671	5.52E-04	2.10E-08	2.15E-08	1.77E-07	1.80E-07	3.15E-06	3.48E-06	5.5252E-04
605567.46	4201442.94	56559.94124	0.00421	0.00424	0.01945	0.01976	0.78933	0.87304	9.64E-04	2.54E-08	2.59E-08	1.90E-07	1.92E-07	2.76E-06	3.05E-06	9.6460E-04
605573.79	4201690.78	25601.63508	0.00336	0.00338	0.0184	0.01876	1.00771	1.12207	4.36E-04	2.02E-08	2.06E-08	1.80E-07	1.82E-07	3.53E-06	3.92E-06	4.3683E-04
605579.28	4201648.29	29925.53684	0.00361	0.00364	0.01938	0.01974	1.11891	1.25037	5.10E-04	2.17E-08	2.22E-08	1.89E-07	1.92E-07	3.92E-06	4.37E-06	5.1056E-04
605581.34	4201577.78	33104.09308	0.00345	0.00349	0.01801	0.01831	0.96662	1.08678	5.64E-04	2.08E-08	2.13E-08	1.76E-07	1.78E-07	3.38E-06	3.80E-06	5.6472E-04
605585.21	4201494.54	42663.93771	0.00368	0.00371	0.01804	0.01832	0.90019	1.00458	7.27E-04	2.22E-08	2.26E-08	1.76E-07	1.78E-07	3.15E-06	3.51E-06	7.2768E-04
605590.11	4201443.35	56038.5037	0.00419	0.00423	0.01952	0.01983	0.91799	1.02813	9.55E-04	2.52E-08	2.58E-08	1.91E-07	1.93E-07	3.21E-06	3.59E-06	9.5571E-04
605590.91	4201684.04	27088.41928	0.00349	0.00351	0.01912	0.01949	1.21218	1.36759	4.62E-04	2.10E-08	2.14E-08	1.87E-07	1.90E-07	4.24E-06	4.78E-06	4.6219E-04
605596.96	4201631.32	31305.07378	0.00363	0.00365	0.01944	0.01979	1.27921	1.44521	5.34E-04	2.19E-08	2.23E-08	1.90E-07	1.92E-07	4.48E-06	5.05E-06	5.3408E-04
605608.24	4201447.88	55000.27646	0.00418	0.00421	0.01966	0.01997	1.06526	1.20922	9.38E-04	2.52E-08	2.57E-08	1.92E-07	1.94E-07	3.73E-06	4.23E-06	9.3802E-04
605612.32	4201491.81	44728.97585	0.00381	0.00385	0.01877	0.01907	1.1653	1.3278	7.62E-04	2.29E-08	2.35E-08	1.83E-07	1.85E-07	4.08E-06	4.64E-06	7.6290E-04
605612.51	4201618.59	32062.38684	0.00361	0.00363	0.01932	0.01967	1.42989	1.64029	5.47E-04	2.17E-08	2.21E-08	1.89E-07	1.91E-07	5.01E-06	5.73E-06	5.4699E-04
605617.05	4201550.42	35674.14244	0.00347	0.00351	0.01814	0.01843	1.21236	1.41825	6.08E-04	2.09E-08	2.14E-08	1.77E-07	1.79E-07	4.24E-06	4.96E-06	6.0853E-04
605617.31	4201676.04	28840.1685	0.00364	0.00366	0.02003	0.02042	1.62307	1.87869	4.92E-04	2.19E-08	2.23E-08	1.96E-07	1.99E-07	5.68E-06	6.57E-06	4.9207E-04
605622.85	4201440.76	57380.65233	0.00428	0.00432	0.02013	0.02045	1.2018	1.38553	9.78E-04	2.58E-08	2.64E-08	1.97E-07	1.99E-07	4.21E-06	4.84E-06	9.7860E-04
605629.67	4201535.39	37891.16727	0.00357	0.0036	0.01846	0.01875	1.41846	1.68116	6.46E-04	2.15E-08	2.20E-08	1.80E-07	1.82E-07	4.97E-06	5.87E-06	6.4633E-04
605633.16	4201493.26	46082.15699	0.00394	0.00398	0.01949	0.01981	1.47909	1.72639	7.86E-04	2.37E-08	2.43E-08	1.90E-07	1.93E-07	5.18E-06	6.03E-06	7.8598E-04
605646.71	4201591.06	33531.66897	0.00355	0.00358	0.01907	0.0194	1.95227	2.40481	5.72E-04	2.14E-08	2.18E-08	1.86E-07	1.89E-07	6.84E-06	8.40E-06	5.7203E-04
605651.9	4201523.98	40463.15725	0.00372	0.00376	0.01912	0.01943	1.93411	2.37027	6.90E-04	2.24E-08	2.29E-08	1.87E-07	1.89E-07	6.77E-06	8.28E-06	6.9019E-04
605652.06	4201496.17	46541.21258	0.00402	0.00406	0.02002	0.02035	1.8879	2.29038	7.93E-04	2.42E-08	2.48E-08	1.96E-07	1.98E-07	6.61E-06	8.00E-06	7.9382E-04
605652.36	4201436.02	60263.97535	0.00448	0.00452	0.02116	0.0215	1.68445	2.0419	1.03E-03	2.70E-08	2.76E-08	2.07E-07	2.09E-07	5.90E-06	7.14E-06	1.0278E-03
605663.57	4201579.82	34196.28846	0.00353	0.00356	0.01906	0.01938	2.43715	3.19403	5.83E-04	2.13E-08	2.17E-08	1.86E-07	1.88E-07	8.53E-06	1.12E-05	5.8336E-04
605664.73	4201615.37	32718.46917	0.00364	0.00366	0.01985	0.0202	2.68445	3.45147	5.58E-04	2.19E-08	2.23E-08	1.94E-07	1.96E-07	9.40E-06	1.21E-05	5.5818E-04
605666.66	4201657.64	31076.01984	0.00378	0.0038	0.02091	0.02131	3.17061	4.01848	5.30E-04	2.28E-08	2.32E-08	2.04E-07	2.07E-07	1.11E-05	1.40E-05	5.3020E-04
605667.86	4201640.21	31667.82609	0.0037	0.00373	0.02042	0.02079	2.99333	3.82715	5.40E-04	2.23E-08	2.28E-08	1.99E-07	2.02E-07	1.05E-05	1.34E-05	5.4028E-04
605676.3	4201482.12	51236.94148	0.00431	0.00435	0.02132	0.02168	2.76897	3.67461	8.73E-04	2.60E-08	2.65E-08	2.08E-07	2.11E-07	9.70E-06	1.28E-05	8.7390E-04
605679.28	4201449.87	59024.11554	0.00461	0.00465	0.02219	0.02255	2.82984	3.89843	1.01E-03	2.78E-08	2.84E-08	2.17E-07	2.19E-07	9.91E-06	1.36E-05	1.0067E-03
605679.91	4201566.03	35375.72165	0.00356	0.00359	0.01919	0.01951	3.23701	4.62777	6.03E-04	2.14E-08	2.19E-08	1.87E-07	1.90E-07	1.13E-05	1.62E-05	6.0346E-04
605680.74	4201532.99	39538.38235	0.00372	0.00376	0.01949	0.01981	3.2316	4.40097	6.74E-04	2.24E-08	2.29E-08	1.90E-07	1.93E-07	1.13E-05	1.54E-05	6.7443E-04
605752.64	4201613.91	33791.04815	0.0038	0.00383	0.02139	0.02178	11.76428	8.42503	5.76E-04	2.29E-08	2.34E-08	2.09E-07	2.12E-07	4.12E-05	2.94E-05	5.7650E-04
605753.43	4201572.13	35724.80477	0.0037	0.00373	0.02058	0.02094	12.93553	8.86091	6.09E-04	2.23E-08	2.28E-08	2.01E-07	2.04E-07	4.53E-05	3.10E-05	6.0944E-04
605753.43	4201592.62	34576.35607	0.00373	0.00376	0.02088	0.02125	12.07983	8.49809	5.89E-04	2.25E-08	2.29E-08	2.04E-07	2.07E-07	4.23E-05	2.97E-05	5.8987E-04
605755.8	4201636.77	33681.50971	0.004	0.00403	0.02258	0.02301	10.56552	7.82454	5.74E-04	2.41E-08	2.46E-08	2.21E-07	2.24E-07	3.70E-05	2.73E-05	5.7466E-04
605756.59	4201550.06	38079.40676	0.00379	0.00383	0.02075	0.02111	11.53113	8.11245	6.49E-04	2.28E-08	2.34E-08	2.03E-07	2.05E-07	4.04E-05	2.83E-05	6.4959E-04
605756.59	4201659.63	32831.50422	0.00412	0.00414	0.02342	0.02387	10.35379	7.74226	5.60E-04	2.48E-08	2.53E-08	2.29E-07	2.32E-07	3.63E-05	2.71E-05	5.6018E-04
605757.37	4201681.7	31240.38165	0.0041	0.00412	0.02348	0.02394	10.47509	7.80918	5.33E-04	2.47E-08	2.51E-08	2.29E-07	2.33E-07	3.67E-05	2.73E-05	5.3306E-04
605758.95	4201524.04	42705.26602	0.00407	0.00411	0.02159	0.02196	10.36621	7.5477	7.28E-04	2.45E-08	2.51E-08	2.11E-07	2.14E-07	3.63E-05	2.64E-05	7.2846E-04
605760.53	4201505.91	46888.93953	0.00433	0.00438	0.02251	0.0229	10.14541	7.32523	7.99E-04	2.61E-08	2.67E-08	2.20E-07	2.23E-07	3.55E-05	2.56E-05	7.9980E-04
605762.1	4201482.26	52810.37874	0.00469	0.00474	0.02382	0.02422	10.4249	7.18683	9.00E-04	2.82E-08	2.89E-08	2.33E-07	2.36E-07	3.65E-05	2.51E-05	9.0077E-04
605764.55	4201731.52	27068.44128	0.00383	0.00384	0.02249	0.02295	9.20636	7.04557	4.61E-04	2.31E-08	2.34E-08	2.20E-07	2.23E-07	3.22E-05	2.46E-05	4.6192E-04
605767.62	4201463.35	56216.94921	0.00483	0.00488	0.02416	0.02456	9.30022	6.41748	9.58E-04	2.91E-08	2.98E-08	2.36E-07	2.39E-07	3.26E-05	2.24E-05	9.5885E-04
605767.9	4201752.3	25487.38377	0.00372	0.00373	0.02204	0.0225	8.3951	6.48025	4.34E-04	2.24E-08	2.28E-08	2.15E-07	2.19E-07	2.94E-05	2.26E-05	4.3496E-04
605767.9	4201771.74	24167.70502	0.00363	0.00364	0.02165	0.02211	8.25958	6.35622	4.12E-04	2.19E-08	2.22E-08	2.11E-07	2.15E-07	2.89E-05	2.22E-05	4.1245E-04
605768.57	4201808.61	22359.82687	0.00358	0.00359	0.02143	0.0219	7.95668	6.17949	3.81E-04	2.16E-08	2.19E-08	2.09E-07	2.13E-07	2.79E-05	2.16E-05	3.8163E-04
605774.72	4201432.6	59401.02817	0.00479	0.00484	0.0234	0.02377	6.19072	4.78215	1.01E-03	2.88E-08	2.95E-08	2.29E-07	2.31E-07	2.17E-05	1.67E-05	1.0131E-03
605796.06	4201826.04	22125.04905	0.00372	0.00372	0.02228	0.02279	5.03138	4.18473	3.77E-04	2.24E-08	2.27E-08	2.18E-07	2.22E-07	1.76E-05	1.46E-05	3.7765E-04
605803.82	4201672.8	32423.37718	0.00429	0.00431	0.02478	0.02528	4.36327	3.75085	5.53E-04	2.58E-08	2.63E-08	2.42E-07	2.46E-07	1.53E-05	1.31E-05	5.5326E-04
605804.38	4201419.48	58412.94599	0.0047	0.00475	0.02296	0.02329	2.56423	2.3345	9.96E-04	2.83E-08	2.90E-08	2.24E-07	2.27E-07	8.98E-06	8.16E-06	9.9626E-04
605804.49	4201580.95	38639.35771	0.00423	0.00426	0.0235	0.02394	4.16306	3.56917	6.59E-04	2.55E-08	2.60E-08	2.29E-07	2.33E-07	1.46E-05	1.25E-05	6.5919E-04
605810.53	4201617.83	36851.43121	0.00441	0.00443	0.02491	0.02539	3.85222	3.33582	6.28E-04	2.66E-08	2.70E-08	2.43E-07	2.47E-07	1.35E-05	1.17E-05	6.2874E-04
605814.67	4201508.36	48623.66931	0.00474	0.00479	0.02496	0.02539	3.50243	2.99254	8.29E-04	2.85E-08	2.92E-08	2.44E-07	2.47E-07	1.23E-05	1.05E-05	8.2943E-04
605814.67	4201534.29	44297.06811	0.0045	0.00454	0.02423	0.02466	3.57673	3.08338	7.55E-04	2.71E-08	2.77E-08	2.37E-07	2.40E-07	1.25E-05	1.08E-05	7.5565E-04
605816.17	4201744.25	25932.93576	0.00378	0.00379	0.02272	0.02319	3.94792	3.42376	4.42E-04	2.28E-08	2.31E-08	2.22E-07	2.26E-07	1.38E-05	1.20E-05	4.4257E-04
605819.2	4201487.79	51028.59536	0.00479	0.00484	0.02486	0.02527	3.27199	2.79157	8.70E-04	2.88E-08	2.95E-08	2.43E-07	2.46E-07	1.15E-05	9.76E-06	8.7042E-04
605820.86	4201722.13	27720.85429	0.00393	0.00394	0.0234	0.02388	3.80206	3.30911	4.73E-04	2.37E-08	2.40E-08	2.29E-07	2.32E-07	1.33E-05	1.16E-05	4.7306E-04
605820.86	4201768.39	23882.54294	0.00359	0.0036	0.02196	0.02241	3.5997	3.14885	4.07E-04	2.16E-08	2.20E-08	2.14E-07	2.18E-07	1.26E-05	1.10E-05	4.0760E-04
605823.31	4201467.62	52864.24674	0.00478	0.00483	0.02441	0.02479	3.01079	2.5698	9.01E-04	2.88E-08	2.95E-08	2.38E-07	2.41E-07	1.05E-05	8.98E-06	9.0170E-04
605826.19	4201439.64	55402.37357	0.00474	0.00479	0.0237	0.02405	2.49568	2.19111	9.44E-04	2.85E-08	2.92E-08	2.31E-07	2.34E-07	8.74E-06	7.66E-06	9.4496E-04
605827.96	4201666.77	33085.68307	0.0044	0.00442	0.02551	0.02602	3.27161	2.8942	5.64E-04	2.65E-08	2.70E-08	2.49E-07	2.53E-07	1.15E-05	1.01E-05	5.6456E-04
605829.3	4201579.61	40247.94168	0.00452	0.00456	0.02518	0.02565	3.05814	2.69954	6.86E-04	2.72E-08	2.78E-08	2.46E-07	2.49E-07	1.07E-05	9.43E-06	6.8665E-04
605830.25	4201806.6	22615.33999	0.00368	0.00368	0.02242	0.02291	3.30489	2.89517	3.86E-04	2.22E-08	2.24E-08	2.19E-07	2.23E-07	1.16E-05	1.01E-05	3.8601E-04
605842.32	4201838.78	22034.08109	0.00389	0.00389	0.02346	0.024	2.97206	2.62222	3.76E-04	2.34E-08	2.37E-08	2.29E-07	2.33E-07	1.04E-05	9.16E-06	3.7612E-04
605846.73	4201613.8	37964.51698	0.00468	0.00471	0.02657	0.02708	2.5719	2.31159	6.47E-04	2.82E-08	2.87E-08	2.59E-07	2.63E-07	9.01E-06	8.08E-06	6.4775E-04
605847.01	4201720.79	27601.19518	0.00393	0.00394	0.02365	0.02415	2.90104	2.58915	4.71E-04	2.37E-08	2.40E-08	2.31E-07	2.35E-07	1.02E-05	9.05E-06	4.7103E-04
605848.35	4201757.66	24417.61901	0.00364	0.00365	0.02245	0.02292	2.74626	2.46354	4.16E-04	2.19E-08	2.23E-08	2.19E-07	2.23E-07	9.62E-06	8.61E-06	4.1673E-04
605850.75	4201582.29	40589.07461	0.0047	0.00473	0.02632	0.02681	2.44691	2.20224	6.92E-04	2.83E-08	2.89E-08	2.57E-07	2.61E-07	8.57E-06	7.70E-06	6.9249E-04
605851.42	4201667.44	32819.44535	0.00441	0.00442	0.02577	0.02629	2.65332	2.38701	5.59E-04	2.66E-08	2.70E-08	2.52E-07	2.56E-07	9.29E-06	8.34E-06	5.6003E-04
605854.59	4201515.36	46944.79529	0.00478	0.00482	0.02561	0.02605	2.25375	2.0207	8.00E-04	2.88E-08	2.94E-08	2.50E-07	2.53E-07	7.89E-06	7.06E-06	8.0082E-04

605854.59	4201537.17	45028.58549	0.0048	0.00484	0.02611	0.02657	2.28515	2.05595	7.68E-04	2.89E-08	2.95E-08	2.55E-07	2.58E-07	8.00E-06	7.18E-06	7.6817E-04
605857.05	4201470.09	50115.4187	0.00466	0.00471	0.02419	0.02456	2.00573	1.7981	8.54E-04	2.81E-08	2.87E-08	2.36E-07	2.39E-07	7.02E-06	6.28E-06	8.5484E-04
605857.05	4201491.49	48526.19903	0.0047	0.00475	0.02482	0.02522	2.13375	1.91033	8.27E-04	2.83E-08	2.90E-08	2.42E-07	2.45E-07	7.47E-06	6.68E-06	8.2776E-04
605860.35	4201439.64	52768.18116	0.00465	0.0047	0.02358	0.02391	1.64677	1.50952	9.00E-04	2.80E-08	2.87E-08	2.30E-07	2.33E-07	5.77E-06	5.28E-06	9.0005E-04
605865.78	4201716.1	27835.8329	0.00397	0.00398	0.02399	0.0245	2.4601	2.22253	4.75E-04	2.39E-08	2.43E-08	2.34E-07	2.38E-07	8.61E-06	7.77E-06	4.7503E-04
605870.86	4201658.05	33609.07532	0.0045	0.00452	0.02636	0.0269	2.23819	2.03702	5.73E-04	2.71E-08	2.76E-08	2.57E-07	2.62E-07	7.84E-06	7.12E-06	5.7350E-04
605872.48	4201754.31	24640.28597	0.0037	0.00371	0.02295	0.02343	2.25384	2.04806	4.20E-04	2.23E-08	2.26E-08	2.24E-07	2.28E-07	7.89E-06	7.16E-06	4.2054E-04
605873.15	4201846.82	21978.03799	0.00403	0.00403	0.02435	0.02491	2.28207	2.04993	3.75E-04	2.43E-08	2.46E-08	2.38E-07	2.42E-07	7.99E-06	7.16E-06	3.7518E-04
605875.56	4201623.19	37468.65596	0.00482	0.00485	0.02767	0.02821	2.02202	1.85054	6.39E-04	2.90E-08	2.96E-08	2.70E-07	2.74E-07	7.08E-06	6.47E-06	6.3932E-04
605888.57	4201714.09	27850.68474	0.004	0.00401	0.02438	0.02489	2.05682	1.87886	4.75E-04	2.41E-08	2.45E-08	2.38E-07	2.42E-07	7.20E-06	6.57E-06	4.7529E-04
605889.24	4201803.25	22867.39877	0.00381	0.00381	0.02356	0.02408	1.99887	1.81975	3.90E-04	2.29E-08	2.32E-08	2.30E-07	2.34E-07	7.00E-06	6.36E-06	3.9033E-04
605889.63	4201654.7	33699.02755	0.00453	0.00455	0.02667	0.02721	1.94851	1.78789	5.74E-04	2.73E-08	2.78E-08	2.60E-07	2.65E-07	6.82E-06	6.25E-06	5.7504E-04
605892.86	4201424.83	52222.5308	0.00463	0.00468	0.02348	0.02379	1.10317	1.0466	8.90E-04	2.79E-08	2.85E-08	2.29E-07	2.31E-07	3.86E-06	3.66E-06	8.9074E-04
605893.94	4201834.09	22420.03967	0.00405	0.00405	0.02463	0.0252	1.96195	1.78018	3.82E-04	2.44E-08	2.47E-08	2.41E-07	2.45E-07	6.87E-06	6.22E-06	3.8272E-04
605895.28	4201750.29	24940.75113	0.00377	0.00378	0.02351	0.024	1.91468	1.75516	4.25E-04	2.27E-08	2.31E-08	2.30E-07	2.33E-07	6.70E-06	6.13E-06	4.2567E-04
605904.79	4201542.52	42109.07862	0.00464	0.00467	0.02586	0.0263	1.58176	1.45863	7.18E-04	2.79E-08	2.85E-08	2.53E-07	2.56E-07	5.54E-06	5.10E-06	7.1839E-04
605905.72	4201609.78	38661.56804	0.00501	0.00503	0.02872	0.02926	1.60687	1.48945	6.59E-04	3.02E-08	3.07E-08	2.80E-07	2.85E-07	5.63E-06	5.21E-06	6.5968E-04
605907.73	4201585.65	40627.22932	0.00501	0.00504	0.02845	0.02897	1.56085	1.44756	6.93E-04	3.02E-08	3.07E-08	2.78E-07	2.82E-07	5.47E-06	5.06E-06	6.9319E-04
605908.49	4201515.36	43589.15436	0.00457	0.00461	0.02511	0.02551	1.45485	1.34425	7.43E-04	2.75E-08	2.81E-08	2.45E-07	2.48E-07	5.09E-06	4.70E-06	7.4360E-04
605910.7	4201707.38	28347.30866	0.00409	0.0041	0.025	0.02554	1.75939	1.62068	4.83E-04	2.46E-08	2.50E-08	2.44E-07	2.48E-07	6.16E-06	5.66E-06	4.8377E-04
605911.09	4201656.04	33174.19948	0.00451	0.00452	0.02675	0.02729	1.69953	1.56877	5.66E-04	2.72E-08	2.76E-08	2.61E-07	2.65E-07	5.95E-06	5.48E-06	5.6610E-04
605913.84	4201470.5	45629.00648	0.00444	0.00449	0.02384	0.02416	1.17671	1.10077	7.78E-04	2.67E-08	2.74E-08	2.33E-07	2.35E-07	4.12E-06	3.85E-06	7.7835E-04
605915.08	4201442.93	48646.38943	0.00454	0.0046	0.02371	0.02402	1.03427	0.97839	8.29E-04	2.73E-08	2.81E-08	2.32E-07	2.34E-07	3.62E-06	3.42E-06	8.2979E-04
605915.39	4201747.61	25214.67495	0.00385	0.00386	0.02407	0.02459	1.68076	1.55016	4.30E-04	2.32E-08	2.35E-08	2.35E-07	2.39E-07	5.88E-06	5.42E-06	4.3035E-04
605915.9	4201491.49	44592.69342	0.0045	0.00455	0.02448	0.02484	1.2774	1.1882	7.60E-04	2.71E-08	2.78E-08	2.39E-07	2.42E-07	4.47E-06	4.15E-06	7.6070E-04
605926.78	4201793.19	22809.75625	0.00378	0.00379	0.02388	0.0244	1.51977	1.40368	3.89E-04	2.28E-08	2.31E-08	2.33E-07	2.37E-07	5.32E-06	4.91E-06	3.8935E-04
605928.13	4201818.67	22603.80056	0.004	0.004	0.02474	0.0253	1.54712	1.42283	3.85E-04	2.41E-08	2.44E-08	2.42E-07	2.46E-07	5.42E-06	4.97E-06	3.8586E-04
605933.21	4201650.01	33781.41877	0.00465	0.00466	0.02762	0.02818	1.46169	1.3603	5.76E-04	2.80E-08	2.84E-08	2.70E-07	2.74E-07	5.12E-06	4.75E-06	5.7647E-04
605933.49	4201706.71	28424.88841	0.00417	0.00418	0.0256	0.02615	1.51923	1.4092	4.85E-04	2.51E-08	2.55E-08	2.50E-07	2.54E-07	5.32E-06	4.92E-06	4.8511E-04
605935.89	4201593.02	39877.80588	0.00515	0.00517	0.02949	0.03003	1.31191	1.22774	6.80E-04	3.10E-08	3.15E-08	2.88E-07	2.92E-07	4.59E-06	4.29E-06	6.8043E-04
605941.53	4201742.91	25780.09303	0.004	0.00401	0.025	0.02554	1.44317	1.33931	4.39E-04	2.41E-08	2.45E-08	2.44E-07	2.48E-07	5.05E-06	4.68E-06	4.4001E-04
605949.23	4201544.16	41353.58168	0.00475	0.00479	0.02681	0.02726	1.18693	1.11172	7.05E-04	2.86E-08	2.92E-08	2.62E-07	2.65E-07	4.16E-06	3.89E-06	7.0553E-04
605949.58	4201844.81	22101.12218	0.00423	0.00422	0.02589	0.0265	1.35449	1.24629	3.77E-04	2.55E-08	2.57E-08	2.53E-07	2.58E-07	4.74E-06	4.36E-06	3.7732E-04
605950.05	4201518.65	42518.8196	0.00465	0.00469	0.02591	0.02631	1.11449	1.04629	7.25E-04	2.80E-08	2.86E-08	2.53E-07	2.56E-07	3.90E-06	3.66E-06	7.2538E-04
605951.7	4201477.5	44628.38885	0.00456	0.00461	0.02479	0.02513	0.9625	0.91028	7.61E-04	2.75E-08	2.81E-08	2.42E-07	2.44E-07	3.37E-06	3.18E-06	7.6131E-04
605954.66	4201647.32	34077.36964	0.00477	0.00479	0.02845	0.02902	1.28233	1.2002	5.81E-04	2.87E-08	2.92E-08	2.78E-07	2.82E-07	4.49E-06	4.19E-06	5.8153E-04
605954.99	4201496.02	43656.91888	0.00462	0.00466	0.02538	0.02575	1.01209	0.95455	7.44E-04	2.78E-08	2.84E-08	2.48E-07	2.50E-07	3.54E-06	3.34E-06	7.4477E-04
605956.28	4201701.35	29051.02213	0.00433	0.00433	0.02656	0.02712	1.32704	1.23763	4.95E-04	2.61E-08	2.64E-08	2.59E-07	2.64E-07	4.65E-06	4.33E-06	4.9580E-04
605957.05	4201448.69	48749.97682	0.00484	0.00489	0.02527	0.02561	0.86033	0.81929	8.31E-04	2.91E-08	2.98E-08	2.47E-07	2.49E-07	3.01E-06	2.86E-06	8.3159E-04
605963.66	4201742.24	26133.1845	0.00415	0.00415	0.02588	0.02645	1.27881	1.19203	4.45E-04	2.50E-08	2.53E-08	2.53E-07	2.57E-07	4.48E-06	4.17E-06	4.4605E-04
605964.05	4201596.37	39430.73464	0.00529	0.00531	0.03049	0.03103	1.12011	1.0555	6.72E-04	3.19E-08	3.24E-08	2.98E-07	3.02E-07	3.92E-06	3.69E-06	6.7283E-04
605972.76	4201645.31	34406.14637	0.00492	0.00494	0.02936	0.02994	1.15355	1.0844	5.87E-04	2.96E-08	3.01E-08	2.87E-07	2.91E-07	4.04E-06	3.79E-06	5.8715E-04
605977.73	4201697.33	29637.74513	0.0045	0.00451	0.02761	0.02819	1.1773	1.10318	5.05E-04	2.71E-08	2.75E-08	2.70E-07	2.74E-07	4.12E-06	3.86E-06	5.0583E-04
605978.4	4201840.12	22053.60357	0.00424	0.00424	0.02621	0.02683	1.14302	1.05828	3.76E-04	2.55E-08	2.59E-08	2.56E-07	2.61E-07	4.00E-06	3.70E-06	3.7651E-04
605984.21	4201435.94	51411.1476	0.00522	0.00528	0.02672	0.02709	0.72489	0.69732	8.76E-04	3.14E-08	3.22E-08	2.61E-07	2.63E-07	2.54E-06	2.44E-06	8.7698E-04
605984.44	4201737.55	26822.23682	0.00434	0.00435	0.02698	0.02758	1.14815	1.07435	4.57E-04	2.61E-08	2.65E-08	2.63E-07	2.68E-07	4.02E-06	3.75E-06	4.5782E-04
605986.17	4201587.66	39807.69003	0.00536	0.00539	0.03091	0.03145	0.99224	0.93918	6.79E-04	3.23E-08	3.29E-08	3.02E-07	3.06E-07	3.47E-06	3.28E-06	6.7927E-04
605990.47	4201806.6	22459.80681	0.00401	0.00401	0.02551	0.02609	1.06061	0.98901	3.83E-04	2.41E-08	2.45E-08	2.49E-07	2.54E-07	3.71E-06	3.46E-06	3.8342E-04
605993.15	4201787.83	23304.89866	0.00405	0.00404	0.02573	0.02631	1.06047	0.9906	3.97E-04	2.44E-08	2.46E-08	2.51E-07	2.56E-07	3.71E-06	3.46E-06	3.9783E-04
605998.91	4201636.6	35520.49057	0.00522	0.00524	0.03104	0.03162	0.98949	0.93558	6.06E-04	3.14E-08	3.20E-08	3.03E-07	3.08E-07	3.46E-06	3.27E-06	6.0619E-04
605999.86	4201691.29	30390.50341	0.00472	0.00473	0.02887	0.02947	1.04549	0.98383	5.18E-04	2.84E-08	2.89E-08	2.82E-07	2.87E-07	3.66E-06	3.44E-06	5.1869E-04
606001.9	4201540.87	41472.01187	0.00503	0.00507	0.02848	0.02894	0.88255	0.83768	7.07E-04	3.03E-08	3.09E-08	2.78E-07	2.81E-07	3.09E-06	2.93E-06	7.0759E-04
606004.78	4201518.24	42662.63509	0.00497	0.00501	0.02776	0.02819	0.83374	0.79336	7.27E-04	2.99E-08	3.06E-08	2.71E-07	2.74E-07	2.92E-06	2.77E-06	7.2787E-04
606005.22	4201734.87	27114.41297	0.00447	0.00448	0.0278	0.02841	1.03394	0.97104	4.62E-04	2.69E-08	2.73E-08	2.71E-07	2.76E-07	3.62E-06	3.39E-06	4.6282E-04
606005.3	4201499.08	44194.4335	0.00501	0.00505	0.02749	0.02791	0.79507	0.75846	7.53E-04	3.02E-08	3.08E-08	2.68E-07	2.71E-07	2.78E-06	2.65E-06	7.5397E-04
606006.95	4201591.01	39374.67429	0.00548	0.0055	0.03169	0.03224	0.89788	0.85292	6.71E-04	3.30E-08	3.36E-08	3.09E-07	3.14E-07	3.14E-06	2.98E-06	6.7190E-04
606009.49	4201477.75	46234.73931	0.00512	0.00517	0.0275	0.0279	0.73739	0.70636	7.88E-04	3.08E-08	3.15E-08	2.69E-07	2.71E-07	2.58E-06	2.47E-06	7.8876E-04
606012.6	4201448.69	49434.54623	0.00529	0.00535	0.02757	0.02796	0.66645	0.64216	8.43E-04	3.19E-08	3.26E-08	2.69E-07	2.72E-07	2.33E-06	2.24E-06	8.4331E-04
606018.35	4201631.9	35648.83628	0.0053	0.00532	0.03151	0.0321	0.89953	0.85303	6.08E-04	3.19E-08	3.25E-08	3.08E-07	3.12E-07	3.15E-06	2.98E-06	6.0838E-04
606026	4201688.61	30534.78925	0.00486	0.00487	0.02977	0.03038	0.92	0.86908	5.21E-04	2.93E-08	2.97E-08	2.91E-07	2.95E-07	3.22E-06	3.04E-06	5.2117E-04
606028.01	4201804.59	22485.42142	0.00413	0.00413	0.02649	0.0271	0.87796	0.82253	3.83E-04	2.49E-08	2.52E-08	2.59E-07	2.64E-07	3.07E-06	2.87E-06	3.8388E-04
606028.68	4201785.15	23459.34808	0.00419	0.00419	0.02678	0.02739	0.89196	0.83683	4.00E-04	2.52E-08	2.56E-08	2.62E-07	2.66E-07	3.12E-06	2.92E-06	4.0049E-04
606029.35	4201731.52	27003.7226	0.00451	0.00451	0.0282	0.02881	0.91819	0.86486	4.60E-04	2.72E-08	2.75E-08	2.75E-07	2.80E-07	3.21E-06	3.02E-06	4.6094E-04
606029.75	4201589.67	39171.59584	0.00558	0.00561	0.03233	0.03288	0.8078	0.76987	6.68E-04	3.36E-08	3.42E-08	3.16E-07	3.20E-07	2.83E-06	2.69E-06	6.6845E-04
606037.79	4201634.59	34914.1541	0.00529	0.00531	0.0316	0.03219	0.82975	0.78844	5.95E-04	3.19E-08	3.24E-08	3.09E-07	3.13E-07	2.91E-06	2.76E-06	5.9586E-04
606042.76	4201830.73	22069.583	0.00437	0.00436	0.02753	0.02819	0.81922	0.76595	3.76E-04	2.63E-08	2.66E-08	2.69E-07	2.74E-07	2.87E-06	2.68E-06	3.7681E-04
606048.12	4201685.26	30112.35429	0.00481	0.00482	0.02964	0.03023	0.83165	0.78766	5.13E-04	2.90E-08	2.94E-08	2.89E-07	2.94E-07	2.91E-06	2.75E-06	5.1396E-04
606053.21	4201593.02	38542.70798	0.00568	0.0057	0.03299	0.03355	0.73353	0.70085	6.57E-04	3.42E-08	3.48E-08	3.22E-07	3.26E-07	2.57E-06	2.45E-06	6.5775E-04
606054.16	4201725.48	27026.85872	0.00456	0.00456	0.02867	0.02928	0.81735	0.7724	4.61E-04	2.75E-08	2.78E-08	2.80E-07	2.85E-07	2.86E-06	2.70E-06	4.6134E-04
606054.96	4201471.1	46826.04093	0.00549	0.00554	0.02931	0.02974	0.59686	0.57649	7.98E-04	3.31E-08	3.38E-08	2.86E-07	2.89E-07	2.09E-06	2.01E-06	7.9888E-04
606057.41	4201447.66	49378.08762	0.00566	0.00572	0.02942	0.02984	0.55367	0.53732	8.42E-04	3.41E-08	3.49E-08	2.87E-07	2.90E-07	1.94E-06	1.88E-06	8.4239E-04
606057.76	4201494.89	45450.19554	0.0056	0.00565	0.03045	0.03091	0.62295	0.59996	7.75E-04	3.37E-08	3.45E-08	2.97E-07	3.01E-07	2.18E-06	2.10E-06	7.7545E-04
606058.46	4201539.31	42338.69859	0.00569	0.00572	0.03195	0.03247	0.67057	0.64342	7.22E-04	3.43E-08	3.49E-08	3.12E-07	3.16E-07	2.35E-06	2.25E-06	7.2244E-04
606059.25	4201628.55	35197.82847	0.00543	0.00545	0.03235	0.03293	0.75065	0.7153	6.00E-04	3.27E-08	3.32E-08	3.16E-07	3.20E-07	2.63E-06	2.50E-06	6.0071E-04
606061.96	4201516.57	43784.08618	0.00564	0.00568	0.03121	0.0317	0.63817	0.61364	7.46E-04	3.40E-08	3.46E-08	3.05E-07	3.08E-07	2.23E-06	2.14E-06	7.4706E-04
606070.25	4201675.21	30682.11279	0.00496	0.00496	0.03042	0.03101	0.75072	0.71319	5.23E-04	2.99E-08	3.03E-08	2.97E-07	3.02E-07	2.63E-06	2.49E-06	5.2369E-04
606074.67	4201584.98	39000.11292	0.00585	0.00588	0.03381	0.03437	0.66348	0.63574	6.65E-04	3.52E-08	3.59E-08	3.30E-07	3.34E-07	2.32E-06	2.22E-06	6.6556E-04
606077.62	4201831.4	21941.48096	0.00449	0.00448	0.02851	0.0292	0.69537	0.65237	3.74E-04	2.70E-08	2.73E-08	2.78E-07	2.84E-07	2.43E-06	2.28E-06	3.7465E-04
606078.96	4201722.8	27016.8209	0.00465	0.00465	0.02934	0.02995	0.73304	0.69447	4.61E-04	2.80E-08	2.84E-08	2.87E-07	2.91E-07	2.57E-06	2.43E-06	4.6118E-04
606082.04	4201624.53	35477.66732	0.00562	0.00563	0.03335	0.03394	0.67874	0.64848	6.05E-04	3.38E-08	3.43E-08	3.26E-07	3.30E-07	2.38E-06	2.27E-06	6.0550E-04
606083.3	4201427.03	51839.0352	0.00608	0.00614	0.03084	0.03127	0.47242	0.4614	8.84E-04	3.66E-08	3.75E-08	3.01E-07	3.04E-07	1.65E-06	1.61E-06	8.8437E-04
606085.67	4201779.79	23654.62596	0.00443	0.00443	0.0286	0.02924	0.69261	0.65358	4.03E-04	2.67E-08	2.70E-08	2.79E-07	2.84E-07	2.43E-06	2.28E-06	4.0385E-04
606090.36	4201797.89	22777.14013	0.00441	0.0044	0.02853	0.02919	0.6679	0.62961	3.88E-04	2.66E-08	2.68E-08	2.79E-07	2.84E-07	2.34E-06	2.20E-06	3.8889E-04
606095.72	4201675.21	30658.04014	0.00513	0.00513	0.0314	0.03199	0.67543	0.64308	5.23E-04	3.09E-08	3.13E-08	3.07E-07	3.11E-07	2.36E-06	2.25E-06	5.2330E-04
606099.47	4201581.62	39015.20099	0.00606	0.00609	0.03484	0.0354	0.5984	0.57484	6.65E-04	3.65E-08	3.71E-08	3.40E-07	3.44E-07	2.10E-06	2.01E-06	6.6584E-04
606101.76	4201726.82	26723.98922	0.00475	0.00475	0.03002	0.03063	0.6668	0.63265	4.56E-04	2.86E-08	2.90E-08	2.93E-07	2.98E-07	2.33E-06	2.21E-06	4.5621E-04
606102.82	4201623.19	35544.20421	0.00583	0.00584	0.03447	0.03507	0.6223	0.59573	6.06E-04	3.51E-08	3.56E-08	3.37E-07	3.41E-07	2.18E-06	2.08E-06	6.0666E-04
606107.43	4201441.37	49168.85192	0.00604	0.0061	0.03123	0.03167	0.45479	0.44346	8.38E-04	3.64E-08	3.72E-08	3.05E-07	3.08E-07	1.59E-06	1.55E-06	8.3886E-04
606108.13	4201514.12	42455.6412	0.00572	0.00576	0.03177	0.03226	0.53396	0.5157	7.24E-04	3.44E-08	3.51E-08	3.10E-07	3.14E-07	1.87E-06	1.80E-06	7.2443E-04
606112.33	4201491.04	43954.57859	0.00573	0.00578	0.03129	0.03176	0.5038	0.48785	7.49E-04	3.45E-08	3.53E-08	3.06E-07	3.09E-07	1.76E-06	1.70E-06	7.4997E-04
606113.03	4201537.21	41499.93559	0.00599	0.00602	0.03358	0.03412	0.54143	0.52235	7.07E-04	3.61E-08	3.67E-08	3.28E-07	3.32E-07	1.90E-06	1.83E-06	7.0817E-04
606113.38	4201469.7	45624.27139	0.00578	0.00584	0.03096	0.03142	0.47906	0.46517	7.78E-04	3.48E-08	3.56E-08	3.02E-07	3.06E-07	1.68E-06	1.63E-06	7.7843E-04
606118.24	4201586.99	38275.07575	0.00623	0.00625	0.03577	0.03633	0.56012	0.53862	6.52E-04	3.75E-08	3.81E-08	3.49E-07	3.53E-07	1.96E-06	1.88E-06	6.5325E-04
606121.87	4201679.23	30413.62269	0.00533	0.00533	0.0325	0.03312	0.61024	0.58199	5.18E-04	3.21E-08	3.25E-08	3.17E-07	3.22E-07	2.14E-06	2.03E-06	5.1916E-04
606125.89	4201728.17	26659.42926	0.0049	0.0049	0.03089	0.03151	0.60602	0.57587	4.54E-04	2.95E-08	2.99E-08	3.02E-07	3.06E-07	2.12E-06	2.01E-06	4.5513E-04
606129.64	4201621.18	35605.6541	0.00617	0.00618	0.03619	0.03679	0.55775	0.53516	6.07E-04	3.72E-08	3.77E-08	3.53E-07	3.58E-07	1.95E-06	1.87E-06	6.0775E-04
606129.91	4201828.72	21544.44252	0.00457	0.00455	0.02973	0.03044	0.55025	0.51907	3.67E-04	2.75E-08	2.78E-08	2.90E-07	2.96E-07	1.93E-06	1.81E-06	3.6791E-04
606130.58	4201805.26	22508.02512	0.00461	0.0046	0.02995	0.03064	0.56383	0.5328	3.84E-04	2.78E-08	2.81E-08	2.92E-07	2.98E-07	1.97E-06	1.86E-06	3.8434E-04
606133.93	4201786.49	23413.88867	0.00469	0.00468	0.03032	0.03099	0.56754	0.53717	3.99E-04	2.82E-08	2.85E-08	2.96E-07	3.01E-07	1.99E-06	1.88E-06	3.9979E-04
606141.04	4201589.67	37685.73704	0.00642	0.00644	0.03677	0.03734	0.51698	0.49775	6.42E-04	3.87E-08	3.93E-08	3.59E-07	3.63E-07	1.81E-06	1.74E-06	6.4322E-04
606143.99	4201858.89	21113.56163	0.00493	0.0049	0.03106	0.03184	0.51152	0.48174	3.60E-04	2.97E-08	2.99E-08	3.03E-07	3.10E-07	1.79E-06	1.68E-06	3.6059E-04
606147.07	4201623.19	35221.97357	0.00633	0.00634	0.03703	0.03763	0.52396	0.50317	6.00E-04	3.81E-08	3.87E-08	3.62E-07	3.66E-07	1.83E-06	1.76E-06	6.0123E-04
606149.35	4201736.88	26191.93074	0.00503	0.00503	0.03171	0.03234	0.55334	0.52623	4.46E-04	3.03E-08	3.07E-08	3.10E-07	3.15E-07	1.94E-06	1.84E-06	4.4717E-04
606149.76	4201533.71	40832.78267	0.00613	0.00616	0.0343	0.03484	0.47488	0.45941	6.96E-04	3.69E-08	3.76E-08	3.35E-07	3.39E-07	1.66E-06	1.61E-06	6.9682E-04
606154.05	4201702.02	28671.86769	0.00538	0.00538	0.03306	0.03369	0.54511	0.51992	4.89E-04	3.24E-08	3.28E-08	3.23E-07	3.28E-07	1.91E-06	1.82E-06	4.8948E-04
606158.5	4201482.99	43215.72236	0.0059	0.00594	0.03213	0.03261	0.42498	0.41332	7.37E-04	3.55E-08	3.62E-08	3.14E-07	3.17E-07	1.49E-06	1.44E-06	7.3739E-04
606159.41	4201679.23	30502.06964	0.0057	0.0057	0.03449	0.03514	0.52947	0.50624	5.20E-04	3.43E-08	3.48E-08	3.37E-07	3.42E-07	1.85E-06	1.77E-06	5.2071E-04
606161.65	4201457.81	45746.41174	0.00613	0.00619	0.03251	0.03298	0.39911	0.38931	7.80E-04	3.69E-08	3.78E-08	3.17E-07	3.21E-07	1.40E-06	1.36E-06	7.8054E-04
606162.49	4201601.07	36490.39887	0.00661	0.00663	0.03788	0.03847	0.4848	0.46681	6.22E-04	3.98E-08	4.04E-08	3.70E-07	3.74E-07	1.70E-06	1.63E-06	6.2287E-04
606166.11	4201859.56	20804.38479	0.00494	0.00491	0.03146	0.03225	0.46458	0.4385	3.55E-04	2.97E-08	3.00E-08	3.07E-07	3.14E-07	1.63E-06	1.53E-06	3.5533E-04
606167.94	4201503.63	41751.23869	0.00598	0.00602	0.03303	0.03355	0.4283	0.41573	7.12E-04	3.60E-08	3.67E-08	3.23E-07	3.26E-07	1.50E-06	1.45E-06	7.1245E-04
606169.34	4201536.16	40299.7637	0.00625	0.00628	0.035	0.03556	0.44671	0.43255	6.87E-04	3.76E-08	3.83E-08	3.42E-07	3.46E-07	1.56E-06	1.51E-06	6.8775E-04
606172.54	4201623.86	34817.91637	0.00655	0.00657	0.03815	0.03877	0.4793	0.46084	5.94E-04	3.94E-08	4.01E-08	3.73E-07	3.77E-07	1.68E-06	1.61E-06	5.9436E-04
606182.87	4201797.22	23346.78895	0.00514	0.00512	0.03271	0.03343	0.47228	0.44795	3.98E-04	3.09E-08	3.12E-08	3.19E-07	3.25E-07	1.65E-06	1.57E-06	3.9869E-04
606182.87	4201815.32	22397.11359	0.00504	0.00501	0.0323	0.03303	0.46134	0.43713	3.82E-04	3.03E-08	3.06E-08	3.15E-07	3.21E-07	1.62E-06	1.53E-06	3.8250E-04
606186.48	4201435.77	48309.71828	0.00671	0.00678	0.03449	0.03497	0.3523	0.34516	8.24E-04	4.04E-08	4.14E-08	3.37E-07	3.40E-07	1.23E-06	1.21E-06	8.2429E-04
606186.89	4201842.13	21059.03176	0.00491	0.00488	0.03187	0.03262	0.43551	0.41226	3.59E-04	2.96E-08	2.98E-08	3.11E-07	3.17E-07	1.52E-06	1.44E-06	3.5968E-04
606187.56	4201772.41	24485.71535	0.00524	0.00522	0.03308	0.03377	0.47367	0.45023	4.17E-04	3.16E-08	3.18E-08	3.23E-07	3.28E-07	1.66E-06	1.57E-06	4.1812E-04
606194.94	4201745.6	25952.92274	0.00544	0.00542	0.03384	0.03451	0.46864	0.44644	4.42E-04	3.28E-08	3.31E-08	3.30E-07	3.36E-07	1.64E-06	1.56E-06	4.4315E-04
606202.98	4201718.78	27754.93105	0.00578	0.00577	0.03527	0.03596	0.45859	0.43782	4.73E-04	3.48E-08	3.52E-08	3.44E-07	3.50E-07	1.61E-06	1.53E-06	4.7390E-04
606207.68	4201693.98	29471.56425	0.00609	0.00608	0.03664	0.03734	0.44889	0.4296	5.02E-04	3.67E-08	3.71E-08	3.58E-07	3.63E-07	1.57E-06	1.50E-06	5.0319E-04
606208.52	4201434.72	48179.56037	0.00698	0.00705	0.03573	0.03624	0.33074	0.3243	8.21E-04	4.20E-08	4.30E-08	3.49E-07	3.52E-07	1.16E-06	1.13E-06	8.2209E-04
606212.37	4201484.74	41820.70763	0.00617	0.00621	0.0337	0.03421	0.36252	0.35339	7.13E-04	3.72E-08	3.79E-08	3.29E-07	3.33E-07	1.27E-06	1.23E-06	7.1365E-04
606214.45	4201529.7	39444.14784	0.00638	0.00641	0.0356	0.03617	0.38559	0.37434	6.72E-04	3.84E-08	3.91E-08	3.48E-07	3.52E-07	1.35E-06	1.31E-06	6.7317E-04
606216.45	4201599.79	35730.42517	0.00707	0.00709	0.04004	0.04067	0.4064	0.39222	6.09E-04	4.26E-08	4.32E-08	3.91E-07	3.96E-07	1.42E-06	1.37E-06	6.0996E-04
606217.24	4201646.32	32866.48946	0.00675	0.00675	0.03958	0.04024	0.42134	0.40502	5.60E-04	4.06E-08	4.12E-08	3.87E-07	3.91E-07	1.48E-06	1.42E-06	5.6113E-04
606219	4201578.94	37176.34061	0.00699	0.00701	0.03936	0.03997	0.39744	0.38432	6.34E-04	4.21E-08	4.28E-08	3.84E-07	3.89E-07	1.39E-06	1.34E-06	6.3460E-04
606221.97	4201624.24	34094.97144	0.007	0.00701	0.0403	0.04094	0.40743	0.39244	5.81E-04	4.21E-08	4.28E-08	3.94E-07	3.98E-07	1.43E-06	1.37E-06	5.8209E-04
606229.86	4201440.32	47031.29334	0.00709	0.00715	0.03649	0.03702	0.31659	0.31036	8.02E-04	4.27E-08	4.36E-08	3.56E-07	3.60E-07	1.11E-06	1.08E-06	8.0254E-04
606233.34	4201488.04	41121.22549	0.00628	0.00632	0.0344	0.03493	0.34346	0.33492	7.01E-04	3.78E-08	3.86E-08	3.36E-07	3.40E-07	1.20E-06	1.17E-06	7.0174E-04
606235.77	4201525.82	39002.53466	0.00642	0.00645	0.03575	0.03633	0.36059	0.35044	6.65E-04	3.87E-08	3.93E-08	3.49E-07	3.53E-07	1.26E-06	1.22E-06	6.6565E-04
606249.57	4201574.58	36984.16808	0.00712	0.00713	0.03998	0.04061	0.3626	0.3511	6.30E-04	4.29E-08	4.35E-08	3.90E-07	3.95E-07	1.27E-06	1.23E-06	6.3133E-04
606250.49	4201437.52	47370.12219	0.00742	0.00749	0.03795	0.0385	0.29818	0.29257	8.08E-04	4.47E-08	4.57E-08	3.71E-07	3.74E-07	1.04E-06	1.02E-06	8.0834E-04
606251.94	4201658.94	31722.96966	0.00704	0.00703	0.04113	0.04184	0.37955	0.36484	5.41E-04	4.24E-08	4.29E-08	4.02E-07	4.07E-07	1.33E-06	1.27E-06	5.4167E-04
606252.92	4201711.54	28355.35879	0.0065	0.00648	0.03885	0.03961	0.38673	0.37012	4.83E-04	3.91E-08	3.95E-08	3.79E-07	3.85E-07	1.35E-06	1.29E-06	4.8421E-04
606253.2	4201487.56	40831.73997	0.00644	0.00648	0.03518	0.03573	0.32505	0.31711	6.96E-04	3.88E-08	3.95E-08	3.44E-07	3.48E-07	1.14E-06	1.11E-06	6.9682E-04
606256.67	4201638.44	32791.89426	0.00724	0.00724	0.04173	0.04242	0.36934	0.35573	5.59E-04	4.36E-08	4.42E-08	4.08E-07	4.13E-07	1.29E-06	1.24E-06	5.5990E-04
606262.4	4201524.85	38387.71301	0.00655	0.00657	0.03637	0.03696	0.33419	0.32504	6.54E-04	3.94E-08	4.01E-08	3.55E-07	3.59E-07	1.17E-06	1.14E-06	6.5518E-04
606269.15	4201720.69	27806.43264	0.00665	0.00662	0.03962	0.0404	0.36687	0.35109	4.74E-04	4.00E-08	4.04E-08	3.87E-07	3.93E-07	1.28E-06	1.23E-06	4.7487E-04
606269.29	4201609.25	34313.91327	0.00755	0.00755	0.04245	0.04312	0.3488	0.33689	5.85E-04	4.55E-08	4.61E-08	4.15E-07	4.19E-07	1.22E-06	1.18E-06	5.8587E-04
606269.72	4201778.05	24963.78156	0.00646	0.00642	0.03887	0.03968	0.35941	0.34275	4.26E-04	3.89E-08	3.92E-08	3.80E-07	3.86E-07	1.26E-06	1.20E-06	4.2640E-04
606270.87	4201576.12	36472.30184	0.00721	0.00722	0.04047	0.04114	0.34211	0.33139	6.22E-04	4.34E-08	4.40E-08	3.95E-07	4.00E-07	1.20E-06	1.16E-06	6.2262E-04
606272.88	4201439.62	46621.2992	0.00761	0.00768	0.03897	0.03955	0.28333	0.278	7.95E-04	4.58E-08	4.68E-08	3.81E-07	3.85E-07	9.92E-07	9.72E-07	7.9560E-04
606275.48	4201489.01	40357.747	0.00663	0.00666	0.03611	0.03667	0.30709	0.29972	6.88E-04	3.99E-08	4.06E-08	3.53E-07	3.57E-07	1.08E-06	1.05E-06	6.8876E-04
606276.42	4201759.93	25794.28685	0.00659	0.00655	0.03943	0.04024	0.35501	0.33903	4.40E-04	3.97E-08	4.00E-08	3.85E-07	3.91E-07	1.24E-06	1.18E-06	4.4057E-04
606279.84	4201522.43	38068.86964	0.00662	0.00664	0.03671	0.03731	0.31771	0.30922	6.49E-04	3.99E-08	4.05E-08	3.58E-07	3.63E-07	1.11E-06	1.08E-06	6.4975E-04
606289.5	4201742.98	26613.43709	0.00683	0.00678	0.04052	0.04134	0.34242	0.32754	4.54E-04	4.11E-08	4.14E-08	3.96E-07	4.02E-07	1.20E-06	1.14E-06	4.5455E-04
606291.38	4201574.55	35860.92833	0.0072	0.00721	0.04034	0.04103	0.32357	0.31366	6.11E-04	4.34E-08	4.40E-08	3.94E-07	3.99E-07	1.13E-06	1.10E-06	6.1219E-04
606292.47	4201438.92	46322.81907	0.00786	0.00792	0.0401	0.04072	0.26981	0.26483	7.90E-04	4.73E-08	4.83E-08	3.92E-07	3.96E-07	9.45E-07	9.25E-07	7.9054E-04
606293.82	4201678.82	30193.94232	0.0074	0.00737	0.04307	0.04383	0.33569	0.32263	5.15E-04	4.46E-08	4.50E-08	4.21E-07	4.26E-07	1.18E-06	1.13E-06	5.1565E-04
606297.28	4201490.95	39875.1424	0.00682	0.00685	0.03708	0.03767	0.29114	0.28426	6.80E-04	4.11E-08	4.18E-08	3.62E-07	3.66E-07	1.02E-06	9.93E-07	6.8056E-04
606298.76	4201611.71	33788.11881	0.0077	0.0077	0.04332	0.04403	0.32195	0.31115	5.76E-04	4.64E-08	4.70E-08	4.23E-07	4.28E-07	1.13E-06	1.09E-06	5.7692E-04
606300.16	4201729.9	27336.62803	0.00704	0.007	0.04152	0.04235	0.33193	0.31781	4.66E-04	4.24E-08	4.27E-08	4.05E-07	4.12E-07	1.16E-06	1.11E-06	4.6690E-04
606304.54	4201523.88	37362.2873	0.00674	0.00676	0.03736	0.03798	0.29807	0.29024	6.37E-04	4.06E-08	4.12E-08	3.65E-07	3.69E-07	1.04E-06	1.01E-06	6.3772E-04
606309.88	4201659.06	30955.37282	0.00782	0.00781	0.04472	0.04548	0.31669	0.305	5.28E-04	4.71E-08	4.76E-08	4.37E-07	4.42E-07	1.11E-06	1.07E-06	5.2866E-04
606312.67	4201570.6	35296.5598	0.0072	0.0072	0.04018	0.04088	0.30494	0.29587	6.02E-04	4.34E-08	4.39E-08	3.92E-07	3.98E-07	1.07E-06	1.03E-06	6.0257E-04
606314.81	4201788.73	24763.87673	0.00723	0.00717	0.0427	0.04361	0.30859	0.29469	4.22E-04	4.35E-08	4.37E-08	4.17E-07	4.24E-07	1.08E-06	1.03E-06	4.2307E-04
606315.23	4201638.06	31997.58472	0.00796	0.00796	0.04495	0.04571	0.30971	0.29881	5.45E-04	4.79E-08	4.86E-08	4.39E-07	4.45E-07	1.08E-06	1.04E-06	5.4644E-04
606315.55	4201437.87	46046.70286	0.00819	0.00825	0.04159	0.04225	0.25498	0.25036	7.85E-04	4.93E-08	5.03E-08	4.06E-07	4.11E-07	8.93E-07	8.75E-07	7.8587E-04
606319.56	4201491.43	39516.26561	0.00705	0.00708	0.03815	0.03876	0.27551	0.26911	6.74E-04	4.25E-08	4.32E-08	3.73E-07	3.77E-07	9.65E-07	9.40E-07	6.7446E-04
606323.91	4201523.4	36878.56843	0.00683	0.00684	0.03781	0.03844	0.28333	0.27604	6.29E-04	4.11E-08	4.17E-08	3.69E-07	3.74E-07	9.92E-07	9.65E-07	6.2949E-04
606326.76	4201698.59	28871.38289	0.00774	0.00771	0.04489	0.04571	0.30456	0.29261	4.92E-04	4.66E-08	4.70E-08	4.38E-07	4.45E-07	1.07E-06	1.02E-06	4.9314E-04
606330.59	4201761.12	25876.95032	0.00746	0.00741	0.04373	0.04463	0.29858	0.28574	4.41E-04	4.49E-08	4.52E-08	4.27E-07	4.34E-07	1.05E-06	9.99E-07	4.4207E-04
606330.81	4201577.7	34634.34971	0.00737	0.00737	0.04113	0.04186	0.29204	0.28324	5.90E-04	4.44E-08	4.50E-08	4.02E-07	4.07E-07	1.02E-06	9.90E-07	5.9130E-04
606336.02	4201492.4	39181.08504	0.00721	0.00724	0.03893	0.03957	0.26498	0.25888	6.68E-04	4.34E-08	4.42E-08	3.80E-07	3.85E-07	9.28E-07	9.05E-07	6.6877E-04
606336.54	4201438.57	45623.41448	0.00846	0.00852	0.04294	0.04363	0.24329	0.2389	7.78E-04	5.09E-08	5.20E-08	4.19E-07	4.24E-07	8.52E-07	8.35E-07	7.7868E-04
606339.11	4201680.06	29534.53439	0.00824	0.00822	0.0468	0.04761	0.29142	0.2805	5.03E-04	4.96E-08	5.01E-08	4.57E-07	4.63E-07	1.02E-06	9.80E-07	5.0449E-04
606346.36	4201775.32	25340.68925	0.00773	0.00768	0.04534	0.04629	0.28201	0.26981	4.32E-04	4.65E-08	4.68E-08	4.43E-07	4.50E-07	9.87E-07	9.43E-07	4.3296E-04
606348.13	4201523.88	36389.61629	0.00701	0.00703	0.03872	0.03937	0.26672	0.25996	6.20E-04	4.22E-08	4.29E-08	3.78E-07	3.83E-07	9.34E-07	9.08E-07	6.2117E-04
606348.58	4201660.71	30309.69297	0.00854	0.00855	0.04773	0.04853	0.28221	0.2721	5.17E-04	5.14E-08	5.22E-08	4.66E-07	4.72E-07	9.88E-07	9.51E-07	5.1773E-04
606356.48	4201437.17	45272.86962	0.00883	0.00889	0.04455	0.04527	0.23196	0.2278	7.72E-04	5.32E-08	5.42E-08	4.35E-07	4.40E-07	8.12E-07	7.96E-07	7.7274E-04
606356.84	4201575.34	33969.03347	0.00739	0.00739	0.04115	0.04189	0.27272	0.26475	5.79E-04	4.45E-08	4.51E-08	4.02E-07	4.07E-07	9.55E-07	9.25E-07	5.7996E-04
606357.23	4201635.59	31648.54533	0.00828	0.00827	0.0464	0.04722	0.27652	0.26712	5.40E-04	4.99E-08	5.04E-08	4.53E-07	4.59E-07	9.68E-07	9.33E-07	5.4052E-04
606357.41	4201787.15	24836.83137	0.00795	0.0079	0.04682	0.04777	0.27007	0.25845	4.23E-04	4.79E-08	4.82E-08	4.57E-07	4.65E-07	9.46E-07	9.03E-07	4.2441E-04
606361.21	4201490.46	39028.77628	0.00754	0.00757	0.04041	0.04109	0.24889	0.24331	6.65E-04	4.54E-08	4.62E-08	3.95E-07	4.00E-07	8.71E-07	8.50E-07	6.6620E-04
606365.08	4201531.15	35642.3554	0.00714	0.00715	0.03945	0.04012	0.25767	0.25106	6.08E-04	4.30E-08	4.36E-08	3.85E-07	3.90E-07	9.02E-07	8.77E-07	6.0845E-04
606373.59	4201720.63	27371.99551	0.00838	0.00834	0.04834	0.04926	0.26368	0.25344	4.67E-04	5.05E-08	5.09E-08	4.72E-07	4.79E-07	9.23E-07	8.86E-07	4.6766E-04
606374.98	4201580.86	33313.32802	0.00752	0.00751	0.04179	0.04256	0.26128	0.25362	5.68E-04	4.53E-08	4.58E-08	4.08E-07	4.14E-07	9.15E-07	8.86E-07	5.6880E-04
606381.66	4201440.67	44321.57991	0.00913	0.00918	0.04611	0.04688	0.22086	0.21683	7.56E-04	5.50E-08	5.60E-08	4.50E-07	4.56E-07	7.73E-07	7.58E-07	7.5656E-04
606383.49	4201491.43	38657.20956	0.00782	0.00784	0.04172	0.04244	0.23661	0.23138	6.59E-04	4.71E-08	4.78E-08	4.07E-07	4.13E-07	8.28E-07	8.09E-07	6.5990E-04
606386.35	4201698.4	28117.82628	0.00883	0.00883	0.05021	0.05112	0.25417	0.24476	4.79E-04	5.32E-08	5.39E-08	4.90E-07	4.97E-07	8.90E-07	8.55E-07	4.8041E-04
606388.41	4201737.51	26530.26512	0.00852	0.00848	0.04926	0.05022	0.25163	0.24177	4.52E-04	5.13E-08	5.17E-08	4.81E-07	4.88E-07	8.81E-07	8.45E-07	4.5333E-04
606388.82	4201528.24	35613.44222	0.00746	0.00746	0.04086	0.04158	0.24275	0.23663	6.07E-04	4.49E-08	4.55E-08	3.99E-07	4.04E-07	8.50E-07	8.27E-07	6.0799E-04
606396.28	4201577.7	32716.77651	0.00745	0.00744	0.04156	0.04232	0.24722	0.24018	5.58E-04	4.49E-08	4.54E-08	4.06E-07	4.12E-07	8.66E-07	8.39E-07	5.5862E-04
606400.2	4201441.37	43788.84143	0.00942	0.00947	0.0475	0.04831	0.21245	0.20856	7.46E-04	5.67E-08	5.78E-08	4.64E-07	4.70E-07	7.44E-07	7.29E-07	7.4751E-04
606400.76	4201753.16	25791.62924	0.00864	0.00861	0.05016	0.05117	0.24146	0.23194	4.40E-04	5.20E-08	5.25E-08	4.90E-07	4.98E-07	8.45E-07	8.11E-07	4.4076E-04
606400.88	4201682.12	28729.49994	0.00903	0.00903	0.05074	0.05167	0.24528	0.23652	4.90E-04	5.44E-08	5.51E-08	4.96E-07	5.03E-07	8.59E-07	8.27E-07	4.9085E-04
606403.83	4201491.43	38451.75349	0.00813	0.00815	0.04317	0.04393	0.22595	0.22097	6.55E-04	4.90E-08	4.97E-08	4.22E-07	4.27E-07	7.91E-07	7.72E-07	6.5643E-04
606409.52	4201629	31142.18027	0.0084	0.00836	0.04646	0.04737	0.24318	0.2353	5.31E-04	5.06E-08	5.10E-08	4.54E-07	4.61E-07	8.51E-07	8.22E-07	5.3189E-04
606409.64	4201527.76	35431.94294	0.00774	0.00774	0.04215	0.04291	0.23105	0.2253	6.04E-04	4.66E-08	4.72E-08	4.12E-07	4.17E-07	8.09E-07	7.87E-07	6.0492E-04
606411.88	4201772.51	24933.58266	0.00879	0.00875	0.05141	0.05245	0.2314	0.22223	4.25E-04	5.29E-08	5.34E-08	5.02E-07	5.10E-07	8.10E-07	7.77E-07	4.2616E-04
606415.59	4201718.16	26970.76626	0.00914	0.00913	0.05233	0.05333	0.23368	0.225	4.60E-04	5.50E-08	5.57E-08	5.11E-07	5.19E-07	8.18E-07	7.86E-07	4.6091E-04
606415.7	4201656.59	29930.81113	0.00868	0.00864	0.0482	0.04914	0.23952	0.23135	5.10E-04	5.23E-08	5.27E-08	4.71E-07	4.78E-07	8.39E-07	8.08E-07	5.1128E-04
606417.34	4201441.37	43366.75966	0.00966	0.00971	0.04868	0.04951	0.20498	0.20123	7.39E-04	5.82E-08	5.92E-08	4.75E-07	4.82E-07	7.18E-07	7.03E-07	7.4034E-04
606421.52	4201578.49	32320.40564	0.00771	0.00769	0.0428	0.0436	0.23248	0.22594	5.51E-04	4.64E-08	4.69E-08	4.18E-07	4.24E-07	8.14E-07	7.90E-07	5.5190E-04
606425.14	4201492.89	38092.22385	0.00845	0.00846	0.04467	0.04547	0.2158	0.21103	6.49E-04	5.09E-08	5.16E-08	4.36E-07	4.42E-07	7.56E-07	7.37E-07	6.5033E-04

606430	4201786.92	24224.63561	0.00911	0.00907	0.05352	0.0546	0.21774	0.20919	4.13E-04	5.49E-08	5.53E-08	5.23E-07	5.31E-07	7.62E-07	7.31E-07	4.1412E-04
606431.64	4201749.04	25611.16909	0.00924	0.00921	0.05344	0.05451	0.22141	0.21302	4.37E-04	5.56E-08	5.62E-08	5.22E-07	5.30E-07	7.75E-07	7.44E-07	4.3775E-04
606431.92	4201532.6	34870.44963	0.00801	0.00801	0.04351	0.04431	0.22036	0.21484	5.94E-04	4.82E-08	4.89E-08	4.25E-07	4.31E-07	7.72E-07	7.51E-07	5.9538E-04
606433.4	4201693.65	27988.40119	0.00911	0.00907	0.05109	0.0521	0.22648	0.21851	4.77E-04	5.49E-08	5.53E-08	4.99E-07	5.07E-07	7.93E-07	7.64E-07	4.7823E-04
606441.24	4201580.07	32140.72053	0.00806	0.00803	0.04432	0.04517	0.22195	0.21574	5.48E-04	4.85E-08	4.90E-08	4.33E-07	4.39E-07	7.77E-07	7.54E-07	5.4887E-04
606444.62	4201444.87	42421.17017	0.01007	0.01011	0.05069	0.05157	0.19467	0.19103	7.23E-04	6.06E-08	6.17E-08	4.95E-07	5.02E-07	6.82E-07	6.68E-07	7.2426E-04
606447.91	4201503.06	37001.95961	0.00868	0.00868	0.04594	0.04678	0.20732	0.2026	6.31E-04	5.23E-08	5.29E-08	4.49E-07	4.55E-07	7.26E-07	7.08E-07	6.3177E-04
606453.07	4201608.46	30767.80342	0.00837	0.00832	0.04583	0.04674	0.21801	0.21149	5.24E-04	5.04E-08	5.08E-08	4.48E-07	4.55E-07	7.63E-07	7.39E-07	5.2550E-04
606454.65	4201658.94	28934.73038	0.00881	0.00875	0.04812	0.04912	0.21821	0.21096	4.93E-04	5.30E-08	5.34E-08	4.70E-07	4.78E-07	7.64E-07	7.37E-07	4.9430E-04
606455.43	4201631.34	29714.03787	0.00847	0.00841	0.04636	0.04729	0.21781	0.21098	5.07E-04	5.10E-08	5.13E-08	4.53E-07	4.60E-07	7.63E-07	7.37E-07	5.0754E-04
606456.22	4201751.23	25301.72113	0.00961	0.00957	0.05545	0.05658	0.20721	0.19951	4.31E-04	5.79E-08	5.84E-08	5.42E-07	5.50E-07	7.26E-07	6.97E-07	4.3252E-04
606459.38	4201686.55	27986.28817	0.00916	0.0091	0.05034	0.05139	0.21428	0.20683	4.77E-04	5.52E-08	5.55E-08	4.92E-07	5.00E-07	7.50E-07	7.23E-07	4.7818E-04
606459.53	4201534.54	34547.72271	0.00849	0.00848	0.04567	0.04653	0.20728	0.20213	5.89E-04	5.11E-08	5.17E-08	4.46E-07	4.53E-07	7.26E-07	7.06E-07	5.8993E-04
606461.74	4201579.28	31945.58645	0.00835	0.00832	0.04559	0.04648	0.21143	0.20553	5.45E-04	5.03E-08	5.08E-08	4.45E-07	4.52E-07	7.40E-07	7.18E-07	5.4557E-04
606474	4201459.56	40645.33022	0.0103	0.01033	0.05236	0.05327	0.18675	0.18306	6.93E-04	6.20E-08	6.30E-08	5.11E-07	5.18E-07	6.54E-07	6.40E-07	6.9403E-04
606498.84	4201448.36	40755.35533	0.01164	0.0117	0.0564	0.05731	0.17472	0.17138	6.95E-04	7.01E-08	7.14E-08	5.51E-07	5.57E-07	6.12E-07	5.99E-07	6.9600E-04
606507.25	4201499.81	36676.87568	0.00982	0.00981	0.051	0.05195	0.18207	0.17796	6.25E-04	5.91E-08	5.98E-08	4.98E-07	5.05E-07	6.37E-07	6.22E-07	6.2635E-04
606508.65	4201695.39	26492.80815	0.00936	0.0093	0.0506	0.05171	0.19016	0.18376	4.52E-04	5.64E-08	5.67E-08	4.94E-07	5.03E-07	6.66E-07	6.42E-07	4.5273E-04
606508.93	4201744.7	25261.65204	0.00995	0.00989	0.05549	0.05671	0.18481	0.17822	4.31E-04	5.99E-08	6.03E-08	5.42E-07	5.52E-07	6.47E-07	6.23E-07	4.3184E-04
606509	4201630.66	28482.97277	0.00869	0.00861	0.04735	0.0483	0.19143	0.18568	4.86E-04	5.23E-08	5.25E-08	4.62E-07	4.70E-07	6.70E-07	6.49E-07	4.8658E-04
606510.05	4201608.27	29627.71765	0.00882	0.00875	0.04775	0.0487	0.19072	0.18521	5.05E-04	5.31E-08	5.34E-08	4.66E-07	4.74E-07	6.68E-07	6.47E-07	5.0610E-04
606510.05	4201720.93	25951.28557	0.00973	0.00968	0.05329	0.05449	0.18729	0.18071	4.42E-04	5.86E-08	5.90E-08	5.20E-07	5.30E-07	6.56E-07	6.32E-07	4.4355E-04
606511.8	4201676.15	26830.49699	0.00902	0.00895	0.04883	0.04987	0.18961	0.18344	4.57E-04	5.43E-08	5.46E-08	4.77E-07	4.85E-07	6.64E-07	6.41E-07	4.5845E-04
606512.15	4201523.95	34810.92789	0.00966	0.00963	0.05062	0.05158	0.18339	0.179	5.93E-04	5.82E-08	5.87E-08	4.94E-07	5.02E-07	6.42E-07	6.26E-07	5.9453E-04
606512.15	4201589.73	30600.4474	0.00896	0.00889	0.04819	0.04913	0.1891	0.18384	5.22E-04	5.40E-08	5.42E-08	4.71E-07	4.78E-07	6.62E-07	6.42E-07	5.2270E-04
606512.5	4201654.8	27410.68721	0.00875	0.00867	0.04771	0.04869	0.18963	0.1837	4.67E-04	5.27E-08	5.29E-08	4.66E-07	4.74E-07	6.64E-07	6.42E-07	4.6831E-04
606513.2	4201565.24	32049.65289	0.0092	0.00914	0.04898	0.04994	0.18706	0.1822	5.46E-04	5.54E-08	5.58E-08	4.78E-07	4.86E-07	6.55E-07	6.37E-07	5.4742E-04
606516.35	4201548.09	33155.17121	0.00949	0.00944	0.05005	0.05102	0.18432	0.17964	5.65E-04	5.71E-08	5.76E-08	4.89E-07	4.96E-07	6.45E-07	6.28E-07	5.6629E-04
606518.78	4201441.37	40771.60934	0.01217	0.01224	0.05821	0.05911	0.16672	0.16362	6.95E-04	7.33E-08	7.47E-08	5.68E-07	5.75E-07	5.84E-07	5.72E-07	6.9632E-04
606541.86	4201446.62	39867.46432	0.0125	0.01257	0.06004	0.06098	0.1605	0.15745	6.80E-04	7.53E-08	7.67E-08	5.86E-07	5.93E-07	5.62E-07	5.50E-07	6.8094E-04
606547.14	4201545.99	33073.65845	0.0103	0.01024	0.0534	0.05445	0.17228	0.16796	5.64E-04	6.20E-08	6.25E-08	5.21E-07	5.30E-07	6.03E-07	5.87E-07	5.6498E-04
606547.49	4201643.96	27570.93292	0.00937	0.0093	0.05025	0.05128	0.17528	0.17	4.70E-04	5.64E-08	5.67E-08	4.91E-07	4.99E-07	6.14E-07	5.94E-07	4.7110E-04
606549.59	4201682.79	25896.88429	0.0092	0.00915	0.05031	0.05138	0.17272	0.1672	4.41E-04	5.54E-08	5.58E-08	4.91E-07	5.00E-07	6.05E-07	5.84E-07	4.4256E-04
606549.94	4201527.45	34387.95703	0.01062	0.01058	0.05473	0.05581	0.16957	0.16546	5.86E-04	6.39E-08	6.45E-08	5.34E-07	5.43E-07	5.94E-07	5.78E-07	5.8741E-04
606550.58	4201746.15	24616.55128	0.01023	0.01017	0.05633	0.05766	0.16782	0.16202	4.20E-04	6.16E-08	6.20E-08	5.50E-07	5.61E-07	5.88E-07	5.66E-07	4.2087E-04
606550.64	4201703.09	25282.20224	0.00932	0.00928	0.05116	0.05228	0.1712	0.16562	4.31E-04	5.61E-08	5.66E-08	5.00E-07	5.08E-07	5.99E-07	5.79E-07	4.3210E-04
606550.64	4201723.38	24891.1243	0.00968	0.00964	0.05302	0.05422	0.16999	0.1643	4.24E-04	5.83E-08	5.88E-08	5.18E-07	5.27E-07	5.95E-07	5.74E-07	4.2548E-04
606551.69	4201619.47	28713.92284	0.00961	0.00953	0.0509	0.05193	0.17394	0.16892	4.89E-04	5.79E-08	5.81E-08	4.97E-07	5.05E-07	6.09E-07	5.90E-07	4.9060E-04
606552.74	4201663.55	26676.14548	0.00937	0.0093	0.0506	0.05166	0.17257	0.16723	4.55E-04	5.64E-08	5.67E-08	4.94E-07	5.02E-07	6.04E-07	5.84E-07	4.5585E-04
606553.44	4201490.71	36855.94595	0.01129	0.01127	0.0574	0.05847	0.16404	0.16047	6.28E-04	6.80E-08	6.87E-08	5.61E-07	5.69E-07	5.74E-07	5.61E-07	6.2954E-04
606554.49	4201509.26	35651.42009	0.01102	0.01099	0.05639	0.05747	0.16599	0.16215	6.08E-04	6.64E-08	6.70E-08	5.51E-07	5.59E-07	5.81E-07	5.67E-07	6.0899E-04
606562.5	4201446.27	39414.18752	0.0129	0.01297	0.06179	0.06276	0.15439	0.15145	6.72E-04	7.77E-08	7.91E-08	6.03E-07	6.10E-07	5.41E-07	5.29E-07	6.7326E-04
606564.63	4201574.33	31189.22403	0.01045	0.01037	0.05401	0.0551	0.16784	0.16339	5.32E-04	6.29E-08	6.33E-08	5.27E-07	5.36E-07	5.88E-07	5.71E-07	5.3287E-04
606575.48	4201609.67	29099.48147	0.0103	0.01022	0.05359	0.05469	0.1651	0.16047	4.96E-04	6.20E-08	6.23E-08	5.23E-07	5.32E-07	5.78E-07	5.61E-07	4.9723E-04
606580.34	4201444.87	39090.44365	0.01328	0.01335	0.06337	0.06438	0.14921	0.14639	6.66E-04	8.00E-08	8.14E-08	6.19E-07	6.26E-07	5.22E-07	5.12E-07	6.6777E-04
606590.52	4201574.68	31133.97409	0.01124	0.01116	0.05743	0.05862	0.15883	0.1546	5.31E-04	6.77E-08	6.81E-08	5.61E-07	5.70E-07	5.56E-07	5.40E-07	5.3200E-04
606596.82	4201614.57	28772.38336	0.01086	0.01079	0.05609	0.05727	0.15774	0.15331	4.90E-04	6.54E-08	6.58E-08	5.48E-07	5.57E-07	5.52E-07	5.36E-07	4.9171E-04
606598.88	4201448.01	38440.38227	0.01365	0.01371	0.0651	0.06617	0.14463	0.14187	6.55E-04	8.22E-08	8.36E-08	6.36E-07	6.44E-07	5.06E-07	4.96E-07	6.5673E-04
606600.26	4201679.16	25847.35739	0.0103	0.01025	0.05543	0.05662	0.15476	0.15004	4.41E-04	6.20E-08	6.25E-08	5.41E-07	5.51E-07	5.42E-07	5.24E-07	4.4183E-04
606600.47	4201735.01	24178.9504	0.01061	0.01053	0.05803	0.05938	0.15081	0.14592	4.12E-04	6.39E-08	6.42E-08	5.67E-07	5.78E-07	5.28E-07	5.10E-07	4.1345E-04
606601.43	4201696.27	25227.39732	0.01027	0.01022	0.05582	0.05704	0.15333	0.14856	4.30E-04	6.18E-08	6.23E-08	5.45E-07	5.55E-07	5.37E-07	5.19E-07	4.3127E-04
606602.4	4201753.42	23824.10081	0.01097	0.01088	0.06001	0.06146	0.14848	0.14361	4.06E-04	6.61E-08	6.64E-08	5.86E-07	5.98E-07	5.20E-07	5.02E-07	4.0744E-04
606602.68	4201659.79	26600.91988	0.01048	0.01043	0.05563	0.05681	0.15492	0.15028	4.53E-04	6.31E-08	6.36E-08	5.43E-07	5.53E-07	5.42E-07	5.25E-07	4.5468E-04
606602.79	4201495.6	35491.17045	0.01269	0.01267	0.06359	0.06477	0.14888	0.14562	6.05E-04	7.64E-08	7.73E-08	6.21E-07	6.30E-07	5.21E-07	5.09E-07	6.0642E-04
606603.37	4201715.64	24639.74706	0.01041	0.01035	0.05687	0.05815	0.15136	0.14657	4.20E-04	6.27E-08	6.31E-08	5.55E-07	5.66E-07	5.30E-07	5.12E-07	4.2128E-04
606603.82	4201511.7	34572.59617	0.01248	0.01244	0.06293	0.06413	0.15013	0.14671	5.89E-04	7.51E-08	7.59E-08	6.15E-07	6.24E-07	5.26E-07	5.13E-07	5.9074E-04
606608.37	4201529.55	33517.09658	0.01242	0.01236	0.06286	0.06411	0.15015	0.14657	5.71E-04	7.48E-08	7.54E-08	6.14E-07	6.24E-07	5.26E-07	5.12E-07	5.7275E-04
606609.77	4201546.69	32602.35777	0.01227	0.0122	0.06229	0.06357	0.15084	0.14711	5.56E-04	7.39E-08	7.44E-08	6.08E-07	6.18E-07	5.28E-07	5.14E-07	5.5714E-04
606614.31	4201618.42	28511.16212	0.01133	0.01127	0.05832	0.05958	0.15196	0.14768	4.86E-04	6.82E-08	6.87E-08	5.70E-07	5.79E-07	5.32E-07	5.16E-07	4.8731E-04
606618.46	4201447.31	38023.99706	0.01408	0.01415	0.06699	0.06811	0.13956	0.1369	6.48E-04	8.48E-08	8.63E-08	6.54E-07	6.62E-07	4.89E-07	4.78E-07	6.4968E-04
606634.55	4201446.27	37700.47009	0.01449	0.01455	0.06864	0.06982	0.13551	0.13293	6.43E-04	8.72E-08	8.88E-08	6.70E-07	6.79E-07	4.74E-07	4.65E-07	6.4420E-04
606636.58	4201680.62	25699.18298	0.01135	0.01127	0.06022	0.06157	0.14314	0.13884	4.38E-04	6.83E-08	6.87E-08	5.88E-07	5.99E-07	5.01E-07	4.85E-07	4.3941E-04
606636.61	4201495.6	34745.21554	0.01369	0.01367	0.06785	0.06911	0.13936	0.13633	5.92E-04	8.24E-08	8.34E-08	6.63E-07	6.72E-07	4.88E-07	4.76E-07	5.9380E-04
606637.41	4201622.62	28281.10068	0.012	0.01193	0.06161	0.06297	0.14468	0.14057	4.82E-04	7.23E-08	7.28E-08	6.02E-07	6.12E-07	5.07E-07	4.91E-07	4.8346E-04
606637.54	4201662.7	26404.37585	0.01151	0.01144	0.06045	0.0618	0.14372	0.13944	4.50E-04	6.93E-08	6.98E-08	5.90E-07	6.01E-07	5.03E-07	4.87E-07	4.5144E-04
606638.46	4201547.04	32053.83243	0.01314	0.01308	0.06648	0.06784	0.14216	0.1387	5.46E-04	7.91E-08	7.98E-08	6.49E-07	6.60E-07	4.98E-07	4.85E-07	5.4788E-04
606638.81	4201564.89	31187.63377	0.01301	0.01295	0.0662	0.0676	0.14278	0.13916	5.32E-04	7.83E-08	7.90E-08	6.46E-07	6.57E-07	5.00E-07	4.86E-07	5.3311E-04
606640.21	4201512.75	33754.26056	0.01357	0.01353	0.06774	0.06904	0.13962	0.13645	5.75E-04	8.17E-08	8.25E-08	6.62E-07	6.71E-07	4.89E-07	4.77E-07	5.7690E-04
606640.21	4201583.08	30325.38349	0.01289	0.01281	0.06583	0.06726	0.14293	0.13917	5.17E-04	7.76E-08	7.81E-08	6.43E-07	6.54E-07	5.00E-07	4.86E-07	5.1840E-04
606640.56	4201604.42	29260.03205	0.01249	0.01242	0.06379	0.0652	0.14351	0.13955	4.99E-04	7.52E-08	7.58E-08	6.23E-07	6.34E-07	5.02E-07	4.88E-07	5.0020E-04
606641.63	4201699.66	25009.14969	0.01148	0.01138	0.06124	0.06263	0.1405	0.13621	4.26E-04	6.91E-08	6.94E-08	5.98E-07	6.09E-07	4.92E-07	4.76E-07	4.2767E-04
606645.02	4201715.16	24493.3904	0.01162	0.01152	0.06217	0.06362	0.13842	0.13415	4.18E-04	7.00E-08	7.03E-08	6.07E-07	6.19E-07	4.85E-07	4.69E-07	4.1890E-04
606646.47	4201734.05	23922.40494	0.01178	0.01166	0.06319	0.0647	0.13656	0.13231	4.08E-04	7.09E-08	7.11E-08	6.17E-07	6.29E-07	4.78E-07	4.62E-07	4.0919E-04
606650.35	4201752.93	23449.32967	0.01208	0.01196	0.0649	0.06649	0.13387	0.12965	4.00E-04	7.27E-08	7.30E-08	6.34E-07	6.47E-07	4.69E-07	4.53E-07	4.0116E-04
606654.84	4201448.01	37085.67433	0.01502	0.01507	0.07097	0.07221	0.13088	0.12838	6.32E-04	9.04E-08	9.19E-08	6.93E-07	7.02E-07	4.58E-07	4.49E-07	6.3377E-04
606671.98	4201445.92	36777.82566	0.01554	0.01559	0.07308	0.07439	0.12681	0.1244	6.27E-04	9.36E-08	9.51E-08	7.14E-07	7.24E-07	4.44E-07	4.35E-07	6.2857E-04
606684.37	4201668.7	26012.03799	0.01316	0.01303	0.06793	0.06954	0.13003	0.12624	4.43E-04	7.92E-08	7.95E-08	6.63E-07	6.76E-07	4.55E-07	4.41E-07	4.4492E-04
606684.48	4201614.96	28272.86433	0.01398	0.01387	0.07148	0.07312	0.13074	0.12722	4.82E-04	8.42E-08	8.46E-08	6.98E-07	7.11E-07	4.58E-07	4.45E-07	4.8354E-04
606688.39	4201702.89	24724.35866	0.01311	0.01298	0.06831	0.06997	0.12722	0.12345	4.21E-04	7.89E-08	7.92E-08	6.67E-07	6.81E-07	4.45E-07	4.31E-07	4.2298E-04
606689.81	4201512.79	32700.40056	0.01528	0.01525	0.07496	0.07643	0.12702	0.12419	5.57E-04	9.20E-08	9.30E-08	7.32E-07	7.43E-07	4.45E-07	4.34E-07	5.5910E-04
606689.81	4201589.3	29237.62085	0.01437	0.01427	0.07287	0.07449	0.12923	0.12592	4.98E-04	8.65E-08	8.70E-08	7.12E-07	7.24E-07	4.52E-07	4.40E-07	5.0002E-04
606689.82	4201446.96	36246.43695	0.01611	0.01616	0.07546	0.07686	0.12298	0.12064	6.18E-04	9.70E-08	9.86E-08	7.37E-07	7.48E-07	4.31E-07	4.22E-07	6.1957E-04
606690.08	4201496.69	33494.76105	0.01551	0.0155	0.07544	0.07689	0.12612	0.1234	5.71E-04	9.34E-08	9.46E-08	7.37E-07	7.48E-07	4.42E-07	4.31E-07	5.7265E-04
606690.29	4201532.16	31764.89541	0.01492	0.01485	0.0741	0.07561	0.12773	0.12476	5.41E-04	8.98E-08	9.06E-08	7.24E-07	7.35E-07	4.47E-07	4.36E-07	5.4313E-04
606692.23	4201548.14	30989.77802	0.01481	0.01473	0.07401	0.07555	0.12775	0.1247	5.28E-04	8.92E-08	8.99E-08	7.23E-07	7.35E-07	4.47E-07	4.36E-07	5.2991E-04
606692.23	4201569.44	30044.50223	0.01461	0.01452	0.07355	0.07514	0.12826	0.12508	5.12E-04	8.80E-08	8.86E-08	7.18E-07	7.31E-07	4.49E-07	4.37E-07	5.1379E-04
606697.33	4201750.03	23113.97745	0.01314	0.01306	0.06998	0.07175	0.12172	0.11805	3.94E-04	7.91E-08	7.97E-08	6.83E-07	6.98E-07	4.26E-07	4.13E-07	3.9556E-04
606705.15	4201666.69	25984.54709	0.01404	0.0139	0.07189	0.07363	0.12461	0.12107	4.43E-04	8.45E-08	8.48E-08	7.02E-07	7.16E-07	4.36E-07	4.23E-07	4.4454E-04
606709.06	4201446.27	35760.6122	0.01684	0.01686	0.07823	0.07967	0.11885	0.1166	6.10E-04	1.01E-07	1.03E-07	7.64E-07	7.75E-07	4.16E-07	4.07E-07	6.1135E-04
606709.18	4201615.93	27859.40087	0.01482	0.01469	0.0752	0.07695	0.12442	0.12111	4.75E-04	8.92E-08	8.96E-08	7.34E-07	7.48E-07	4.36E-07	4.23E-07	4.7658E-04
606709.84	4201695.52	24817.61977	0.01388	0.01375	0.07165	0.07342	0.1222	0.11866	4.23E-04	8.36E-08	8.39E-08	7.00E-07	7.14E-07	4.28E-07	4.15E-07	4.2464E-04
606718.86	4201551.04	30357.33231	0.0157	0.01559	0.0778	0.07947	0.12155	0.11867	5.17E-04	9.45E-08	9.51E-08	7.60E-07	7.73E-07	4.26E-07	4.15E-07	5.1922E-04
606720.09	4201748.57	22906.81392	0.01349	0.01345	0.0722	0.07406	0.11642	0.113	3.90E-04	8.12E-08	8.20E-08	7.05E-07	7.20E-07	4.08E-07	3.95E-07	3.9208E-04
606720.31	4201572.83	29390.87305	0.01563	0.01551	0.07812	0.07985	0.12144	0.11846	5.01E-04	9.41E-08	9.46E-08	7.63E-07	7.77E-07	4.25E-07	4.14E-07	5.0275E-04
606723.22	4201511.82	32032.09526	0.01644	0.01639	0.07992	0.08155	0.11943	0.1168	5.46E-04	9.90E-08	1.00E-07	7.80E-07	7.93E-07	4.18E-07	4.08E-07	5.4782E-04
606724.19	4201533.13	31042.03203	0.01618	0.01609	0.07937	0.08103	0.11994	0.11719	5.29E-04	9.74E-08	9.81E-08	7.75E-07	7.88E-07	4.20E-07	4.10E-07	5.3093E-04
606725.93	4201665.35	25827.5965	0.01482	0.01468	0.07542	0.07728	0.11956	0.11622	4.40E-04	8.92E-08	8.95E-08	7.37E-07	7.52E-07	4.19E-07	4.06E-07	4.4194E-04
606728.64	4201447.31	35164.34129	0.01759	0.01761	0.0813	0.08289	0.11497	0.11279	5.99E-04	1.06E-07	1.07E-07	7.94E-07	8.06E-07	4.03E-07	3.94E-07	6.0125E-04
606730.46	4201491.23	32803.52219	0.01714	0.0171	0.08188	0.08349	0.11687	0.11441	5.59E-04	1.03E-07	1.04E-07	8.00E-07	8.12E-07	4.09E-07	4.00E-07	5.6101E-04
606733.87	4201616.9	27437.31772	0.01576	0.01561	0.07934	0.08122	0.11834	0.11531	4.68E-04	9.49E-08	9.52E-08	7.75E-07	7.90E-07	4.14E-07	4.03E-07	4.6947E-04
606739.34	4201697.53	24433.20064	0.01468	0.0146	0.07565	0.07756	0.11522	0.11195	4.17E-04	8.84E-08	8.91E-08	7.39E-07	7.54E-07	4.03E-07	3.91E-07	4.1818E-04
606745.08	4201446.96	34759.35819	0.0182	0.01819	0.08381	0.08552	0.11186	0.10974	5.93E-04	1.10E-07	1.11E-07	8.18E-07	8.32E-07	3.92E-07	3.83E-07	5.9441E-04
606748.4	4201588.33	28235.09383	0.01684	0.01671	0.08424	0.08616	0.11503	0.11218	4.81E-04	1.01E-07	1.02E-07	8.23E-07	8.38E-07	4.03E-07	3.92E-07	4.8318E-04
606749.39	4201666.02	25499.6276	0.01558	0.01546	0.07895	0.08094	0.11423	0.11106	4.35E-04	9.38E-08	9.43E-08	7.71E-07	7.87E-07	4.00E-07	3.88E-07	4.3643E-04
606749.63	4201747.12	22446.47908	0.01342	0.01347	0.07386	0.07576	0.10996	0.10683	3.83E-04	8.08E-08	8.22E-08	7.21E-07	7.37E-07	3.85E-07	3.73E-07	3.8426E-04
606760.02	4201616.9	27008.60928	0.01687	0.01672	0.08463	0.08667	0.1124	0.10953	4.60E-04	1.02E-07	1.02E-07	8.26E-07	8.43E-07	3.94E-07	3.83E-07	4.6228E-04
606763.47	4201701.55	23981.88253	0.01508	0.01506	0.07847	0.08049	0.10985	0.10677	4.09E-04	9.08E-08	9.19E-08	7.66E-07	7.83E-07	3.85E-07	3.73E-07	4.1055E-04
606764.67	4201449.41	34117.08072	0.01893	0.01891	0.08704	0.08887	0.10844	0.10638	5.82E-04	1.14E-07	1.15E-07	8.50E-07	8.64E-07	3.80E-07	3.72E-07	5.8353E-04
606772.85	4201664.68	25233.27609	0.01629	0.01621	0.0825	0.08465	0.10933	0.10635	4.30E-04	9.81E-08	9.89E-08	8.06E-07	8.23E-07	3.83E-07	3.72E-07	4.3197E-04
606773.36	4201751.96	21852.058	0.01284	0.01296	0.07486	0.07681	0.10458	0.10167	3.73E-04	7.73E-08	7.91E-08	7.31E-07	7.47E-07	3.66E-07	3.55E-07	3.7414E-04
606774.54	4201498.02	31382.11511	0.01902	0.01894	0.0899	0.09192	0.10823	0.10595	5.35E-04	1.15E-07	1.16E-07	8.78E-07	8.94E-07	3.79E-07	3.70E-07	5.3697E-04
606774.54	4201515.11	30725.21095	0.01861	0.0185	0.08917	0.09104	0.10899	0.10662	5.24E-04	1.12E-07	1.13E-07	8.71E-07	8.85E-07	3.82E-07	3.73E-07	5.2575E-04
606776.24	4201532.76	29980.77908	0.01832	0.0182	0.08844	0.09047	0.10916	0.10671	5.11E-04	1.10E-07	1.11E-07	8.64E-07	8.80E-07	3.82E-07	3.73E-07	5.1304E-04
606777.77	4201572.87	28284.26614	0.01823	0.0181	0.09019	0.09215	0.10895	0.10635	4.82E-04	1.10E-07	1.10E-07	8.81E-07	8.96E-07	3.81E-07	3.72E-07	4.8415E-04
606781.11	4201450.46	33641.92783	0.01957	0.01953	0.08984	0.09172	0.10565	0.10365	5.73E-04	1.18E-07	1.19E-07	8.77E-07	8.92E-07	3.70E-07	3.62E-07	5.7549E-04
606781.63	4201550.27	29117.54833	0.01852	0.0184	0.09031	0.09236	0.1082	0.10571	4.96E-04	1.12E-07	1.12E-07	8.82E-07	8.98E-07	3.79E-07	3.69E-07	4.9837E-04
606784.71	4201619.32	26538.87977	0.01774	0.01762	0.08868	0.0909	0.10738	0.10467	4.52E-04	1.07E-07	1.07E-07	8.66E-07	8.84E-07	3.76E-07	3.66E-07	4.5437E-04
606788.27	4201705.57	23503.88587	0.01526	0.01532	0.08129	0.08342	0.10469	0.10182	4.01E-04	9.19E-08	9.35E-08	7.94E-07	8.11E-07	3.67E-07	3.56E-07	4.0246E-04
606796.31	4201667.36	24832.75102	0.0168	0.0168	0.08589	0.08817	0.10463	0.10185	4.23E-04	1.01E-07	1.02E-07	8.39E-07	8.58E-07	3.66E-07	3.56E-07	4.2522E-04
606800	4201757.78	21322.82338	0.01253	0.01266	0.07786	0.07992	0.09896	0.09629	3.63E-04	7.54E-08	7.72E-08	7.60E-07	7.77E-07	3.46E-07	3.36E-07	3.6518E-04
606800.7	4201451.51	33079.23715	0.02041	0.02034	0.09344	0.09542	0.10243	0.10049	5.64E-04	1.23E-07	1.24E-07	9.13E-07	9.28E-07	3.59E-07	3.51E-07	5.6598E-04
606805.3	4201504.85	30338.84366	0.02039	0.02027	0.09626	0.09848	0.10278	0.10061	5.17E-04	1.23E-07	1.24E-07	9.40E-07	9.58E-07	3.60E-07	3.52E-07	5.1932E-04
606806.99	4201621.74	26115.78092	0.01843	0.01835	0.09211	0.09451	0.10315	0.10058	4.45E-04	1.11E-07	1.12E-07	9.00E-07	9.19E-07	3.61E-07	3.51E-07	4.4723E-04
606808.1	4201568.11	27890.76166	0.0196	0.01948	0.09624	0.09848	0.10322	0.10081	4.75E-04	1.18E-07	1.19E-07	9.40E-07	9.58E-07	3.61E-07	3.52E-07	4.7758E-04
606815.75	4201713.62	22866.74109	0.01522	0.01534	0.08487	0.08717	0.09914	0.09649	3.90E-04	9.16E-08	9.36E-08	8.29E-07	8.48E-07	3.47E-07	3.37E-07	3.9167E-04
606818.19	4201452.56	32565.68563	0.02123	0.02115	0.0969	0.09899	0.09966	0.09777	5.55E-04	1.28E-07	1.29E-07	9.46E-07	9.63E-07	3.49E-07	3.42E-07	5.5731E-04
606818.4	4201543.59	28574.4548	0.02051	0.0204	0.09873	0.10106	0.10124	0.09897	4.87E-04	1.23E-07	1.24E-07	9.64E-07	9.83E-07	3.54E-07	3.46E-07	4.8930E-04
606820.45	4201672.06	24358.70971	0.01715	0.01722	0.08953	0.09198	0.10004	0.09739	4.15E-04	1.03E-07	1.05E-07	8.74E-07	8.95E-07	3.50E-07	3.40E-07	4.1722E-04
606822.76	4201767.46	20826.32317	0.01251	0.01257	0.08146	0.0837	0.09432	0.09183	3.55E-04	7.53E-08	7.67E-08	7.96E-07	8.14E-07	3.30E-07	3.21E-07	3.5678E-04
606823.52	4201500.3	30097.86887	0.02134	0.02122	0.10016	0.10247	0.09957	0.0975	5.13E-04	1.28E-07	1.29E-07	9.78E-07	9.97E-07	3.49E-07	3.41E-07	5.1531E-04
606827.42	4201586.84	26908.08073	0.01998	0.01991	0.099	0.10153	0.09982	0.09746	4.59E-04	1.20E-07	1.21E-07	9.67E-07	9.87E-07	3.50E-07	3.41E-07	4.6089E-04
606829.21	4201623.71	25708.58017	0.01905	0.01903	0.09568	0.09827	0.09924	0.0968	4.38E-04	1.15E-07	1.16E-07	9.34E-07	9.56E-07	3.47E-07	3.38E-07	4.4037E-04
606836.03	4201452.56	32091.29997	0.02215	0.02204	0.1006	0.10286	0.0969	0.09506	5.47E-04	1.33E-07	1.34E-07	9.82E-07	1.00E-06	3.39E-07	3.32E-07	5.4930E-04
606838.55	4201678.09	23889.48278	0.01726	0.01738	0.09249	0.09507	0.09666	0.09415	4.07E-04	1.04E-07	1.06E-07	9.03E-07	9.25E-07	3.38E-07	3.29E-07	4.0928E-04
606839.22	4201718.98	22426.41475	0.01533	0.01546	0.08889	0.09137	0.0948	0.0923	3.82E-04	9.23E-08	9.43E-08	8.68E-07	8.89E-07	3.32E-07	3.23E-07	3.8424E-04
606840.61	4201535.61	28407.77333	0.02169	0.02159	0.10369	0.10628	0.09744	0.0953	4.84E-04	1.31E-07	1.32E-07	1.01E-06	1.03E-06	3.41E-07	3.33E-07	4.8657E-04
606848.02	4201501.43	29484.36125	0.02261	0.02249	0.10582	0.10834	0.09567	0.09369	5.03E-04	1.36E-07	1.37E-07	1.03E-06	1.05E-06	3.35E-07	3.27E-07	5.0497E-04
606848.84	4201591.3	26395.71347	0.02064	0.02062	0.10272	0.10548	0.09623	0.09397	4.50E-04	1.24E-07	1.26E-07	1.00E-06	1.03E-06	3.37E-07	3.28E-07	4.5224E-04
606849.73	4201627.88	25258.78555	0.01946	0.01951	0.09904	0.10181	0.09583	0.0935	4.31E-04	1.17E-07	1.19E-07	9.67E-07	9.90E-07	3.36E-07	3.27E-07	4.3278E-04
606852.3	4201771.34	20460.62335	0.01303	0.013	0.0869	0.08937	0.08934	0.08704	3.49E-04	7.85E-08	7.93E-08	8.49E-07	8.69E-07	3.13E-07	3.04E-07	3.5066E-04
606854.57	4201452.21	31602.59452	0.02321	0.02309	0.10489	0.10726	0.0941	0.09233	5.39E-04	1.40E-07	1.41E-07	1.02E-06	1.04E-06	3.29E-07	3.23E-07	5.4107E-04
606859.41	4201535.04	28041.14538	0.02261	0.02254	0.10807	0.11089	0.09446	0.09241	4.78E-04	1.36E-07	1.37E-07	1.06E-06	1.08E-06	3.31E-07	3.23E-07	4.8042E-04
606861.34	4201681.44	23492.36351	0.01763	0.01778	0.09735	0.10014	0.09274	0.09035	4.00E-04	1.06E-07	1.08E-07	9.51E-07	9.74E-07	3.25E-07	3.16E-07	4.0261E-04
606866.7	4201722.33	22006.91273	0.01571	0.01579	0.09424	0.09694	0.09019	0.08788	3.75E-04	9.46E-08	9.63E-08	9.20E-07	9.43E-07	3.16E-07	3.07E-07	3.7720E-04
606867.39	4201504.28	28929.8236	0.02362	0.02351	0.11068	0.1134	0.09278	0.09086	4.93E-04	1.42E-07	1.43E-07	1.08E-06	1.10E-06	3.25E-07	3.18E-07	4.9563E-04
606867.57	4201584.76	26274.56766	0.02147	0.02149	0.10694	0.10989	0.09331	0.09116	4.48E-04	1.29E-07	1.31E-07	1.04E-06	1.07E-06	3.27E-07	3.19E-07	4.5027E-04
606873.22	4201634.72	24680.62652	0.01983	0.01996	0.10371	0.1067	0.09199	0.08978	4.21E-04	1.19E-07	1.22E-07	1.01E-06	1.04E-06	3.22E-07	3.14E-07	4.2302E-04
606875.9	4201452.56	30970.93362	0.02472	0.02459	0.11081	0.11344	0.09096	0.08926	5.28E-04	1.49E-07	1.50E-07	1.08E-06	1.10E-06	3.18E-07	3.12E-07	5.3044E-04
606876.03	4201770.85	20272.90341	0.01367	0.01364	0.09188	0.09454	0.08585	0.08369	3.46E-04	8.23E-08	8.32E-08	8.97E-07	9.19E-07	3.01E-07	2.92E-07	3.4757E-04
606876.75	4201686.8	23144.7058	0.01785	0.018	0.10108	0.10402	0.09009	0.08779	3.95E-04	1.07E-07	1.10E-07	9.87E-07	1.01E-06	3.15E-07	3.07E-07	3.9676E-04
606879.35	4201540.17	27475.10609	0.02337	0.02333	0.11258	0.11551	0.09153	0.08954	4.68E-04	1.41E-07	1.42E-07	1.10E-06	1.12E-06	3.20E-07	3.13E-07	4.7087E-04
606884.47	4201502.57	28595.44391	0.0246	0.02452	0.11529	0.11818	0.09025	0.08841	4.87E-04	1.48E-07	1.50E-07	1.13E-06	1.15E-06	3.16E-07	3.09E-07	4.9003E-04
606889.49	4201720.32	21829.26365	0.01642	0.01649	0.09988	0.1028	0.08683	0.08465	3.72E-04	9.89E-08	1.01E-07	9.75E-07	1.00E-06	3.04E-07	2.96E-07	3.7429E-04
606891.36	4201599.33	25409.79354	0.02174	0.02186	0.11094	0.11416	0.08956	0.08749	4.33E-04	1.31E-07	1.33E-07	1.08E-06	1.11E-06	3.14E-07	3.06E-07	4.3561E-04
606892.25	4201637.1	24289.92793	0.02046	0.02064	0.11009	0.11336	0.08877	0.08665	4.14E-04	1.23E-07	1.26E-07	1.08E-06	1.10E-06	3.11E-07	3.03E-07	4.1649E-04
606892.34	4201453.96	30414.40102	0.02597	0.02586	0.11619	0.11897	0.08861	0.08695	5.18E-04	1.56E-07	1.58E-07	1.13E-06	1.16E-06	3.10E-07	3.04E-07	5.2107E-04
606897.31	4201583.27	25790.62322	0.02247	0.02259	0.11325	0.11652	0.08889	0.08688	4.40E-04	1.35E-07	1.38E-07	1.11E-06	1.13E-06	3.11E-07	3.04E-07	4.4216E-04
606898.2	4201691.5	22746.15549	0.01839	0.01855	0.10748	0.1107	0.08664	0.08448	3.88E-04	1.11E-07	1.13E-07	1.05E-06	1.08E-06	3.03E-07	2.95E-07	3.9010E-04
606900.73	4201772.79	20037.47523	0.01432	0.01439	0.0979	0.10078	0.08235	0.08032	3.42E-04	8.62E-08	8.78E-08	9.56E-07	9.80E-07	2.88E-07	2.81E-07	3.4369E-04
606902.13	4201544.16	26910.18408	0.02408	0.02411	0.11749	0.12066	0.08833	0.08643	4.59E-04	1.45E-07	1.47E-07	1.15E-06	1.17E-06	3.09E-07	3.02E-07	4.6135E-04
606905.55	4201522.51	27486.97593	0.02523	0.02525	0.12061	0.12391	0.08763	0.08579	4.69E-04	1.52E-07	1.54E-07	1.18E-06	1.21E-06	3.07E-07	3.00E-07	4.7125E-04
606912.96	4201504.85	27856.36798	0.02615	0.02615	0.12379	0.12704	0.08633	0.08457	4.75E-04	1.57E-07	1.60E-07	1.21E-06	1.24E-06	3.02E-07	2.96E-07	4.7762E-04
606914.38	4201456.76	29642.42993	0.02748	0.02739	0.12366	0.12672	0.0856	0.084	5.05E-04	1.65E-07	1.67E-07	1.21E-06	1.23E-06	3.00E-07	2.94E-07	5.0808E-04
606922.34	4201725.01	21273.94017	0.01687	0.01701	0.10714	0.11035	0.082	0.07999	3.63E-04	1.02E-07	1.04E-07	1.05E-06	1.07E-06	2.87E-07	2.80E-07	3.6498E-04
606923.68	4201691.5	22388.33396	0.01911	0.01933	0.11582	0.11943	0.08298	0.08096	3.82E-04	1.15E-07	1.18E-07	1.13E-06	1.16E-06	2.91E-07	2.83E-07	3.8418E-04
606925.43	4201770.37	19903.89777	0.01485	0.01508	0.10454	0.10767	0.07929	0.07737	3.39E-04	8.94E-08	9.20E-08	1.02E-06	1.05E-06	2.78E-07	2.70E-07	3.4155E-04
606932.92	4201460.96	28957.22728	0.02863	0.0286	0.13014	0.13348	0.08324	0.08168	4.94E-04	1.72E-07	1.74E-07	1.27E-06	1.30E-06	2.91E-07	2.85E-07	4.9654E-04
606935.74	4201641.22	23412.55201	0.02184	0.02215	0.12855	0.13266	0.08227	0.08036	3.99E-04	1.32E-07	1.35E-07	1.26E-06	1.29E-06	2.88E-07	2.81E-07	4.0192E-04
606940.44	4201723.67	21117.19786	0.01731	0.01755	0.11262	0.11609	0.07967	0.07775	3.60E-04	1.04E-07	1.07E-07	1.10E-06	1.13E-06	2.79E-07	2.72E-07	3.6242E-04
606941.11	4201611.06	24141.95868	0.02307	0.02338	0.12955	0.13369	0.08224	0.08038	4.12E-04	1.39E-07	1.43E-07	1.27E-06	1.30E-06	2.88E-07	2.81E-07	4.1439E-04
606942.45	4201591.62	24683.97666	0.02372	0.02401	0.12828	0.13234	0.08246	0.08063	4.21E-04	1.43E-07	1.46E-07	1.25E-06	1.29E-06	2.89E-07	2.82E-07	4.2361E-04
606947.14	4201691.5	22058.0797	0.01957	0.01988	0.12339	0.12741	0.07986	0.07793	3.76E-04	1.18E-07	1.21E-07	1.20E-06	1.24E-06	2.80E-07	2.72E-07	3.7870E-04
606947.26	4201548.33	25885.06577	0.02549	0.02572	0.12883	0.13277	0.08234	0.0806	4.41E-04	1.53E-07	1.57E-07	1.26E-06	1.29E-06	2.88E-07	2.82E-07	4.4412E-04
606948.68	4201774.24	19653.77831	0.01503	0.01541	0.11206	0.11554	0.07631	0.07449	3.35E-04	9.05E-08	9.40E-08	1.09E-06	1.12E-06	2.67E-07	2.60E-07	3.3744E-04
606951.81	4201517.55	26653.65836	0.02766	0.02786	0.13548	0.13944	0.08159	0.07993	4.54E-04	1.67E-07	1.70E-07	1.32E-06	1.36E-06	2.86E-07	2.79E-07	4.5738E-04
606952.5	4201465.5	28266.06458	0.02979	0.02984	0.13756	0.14123	0.08087	0.07934	4.82E-04	1.79E-07	1.82E-07	1.34E-06	1.37E-06	2.83E-07	2.77E-07	4.8492E-04
606957.19	4201638.54	23137.27421	0.02236	0.02273	0.13595	0.1405	0.07956	0.07774	3.94E-04	1.35E-07	1.39E-07	1.33E-06	1.37E-06	2.79E-07	2.72E-07	3.9738E-04
606965.8	4201551.48	25414.22047	0.02597	0.02629	0.13496	0.13925	0.08	0.07831	4.33E-04	1.56E-07	1.60E-07	1.32E-06	1.35E-06	2.80E-07	2.74E-07	4.3622E-04
606967.25	4201725.68	20739.67528	0.01741	0.01782	0.12065	0.12455	0.07625	0.07445	3.54E-04	1.05E-07	1.09E-07	1.18E-06	1.21E-06	2.67E-07	2.60E-07	3.5615E-04
606969.26	4201597.65	24014.11066	0.02426	0.02465	0.13912	0.14379	0.07891	0.07718	4.09E-04	1.46E-07	1.50E-07	1.36E-06	1.40E-06	2.76E-07	2.70E-07	4.1242E-04
606970	4201519.99	26217.1469	0.02805	0.02834	0.14103	0.14512	0.07947	0.07786	4.47E-04	1.69E-07	1.73E-07	1.38E-06	1.41E-06	2.78E-07	2.72E-07	4.5005E-04
606973.28	4201692.84	21656.59442	0.01986	0.02027	0.13269	0.13725	0.07654	0.07473	3.69E-04	1.20E-07	1.24E-07	1.30E-06	1.33E-06	2.68E-07	2.61E-07	3.7205E-04
606974.19	4201467.6	27634.71767	0.03111	0.03128	0.14665	0.15078	0.07833	0.07686	4.71E-04	1.87E-07	1.91E-07	1.43E-06	1.47E-06	2.74E-07	2.69E-07	4.7436E-04
606981.54	4201556.73	24946.95992	0.02619	0.0266	0.14063	0.14526	0.07805	0.07641	4.25E-04	1.58E-07	1.62E-07	1.37E-06	1.41E-06	2.73E-07	2.67E-07	4.2837E-04
606983.34	4201639.21	22699.42175	0.0228	0.02322	0.14597	0.15117	0.07635	0.07464	3.87E-04	1.37E-07	1.42E-07	1.43E-06	1.47E-06	2.67E-07	2.61E-07	3.9013E-04
606986.02	4201605.69	23494.70618	0.02433	0.02478	0.14672	0.15184	0.07673	0.07505	4.01E-04	1.47E-07	1.51E-07	1.43E-06	1.48E-06	2.69E-07	2.62E-07	4.0372E-04
606989.24	4201523.49	25711.63348	0.02847	0.02888	0.14777	0.15247	0.07724	0.07568	4.38E-04	1.71E-07	1.76E-07	1.44E-06	1.48E-06	2.70E-07	2.64E-07	4.4157E-04
606994.48	4201473.2	26916.67871	0.03202	0.03234	0.15625	0.16081	0.07602	0.07459	4.59E-04	1.93E-07	1.97E-07	1.53E-06	1.56E-06	2.66E-07	2.61E-07	4.6232E-04
606994.73	4201727.69	20344.68383	0.01722	0.0177	0.12976	0.13418	0.07297	0.07129	3.47E-04	1.04E-07	1.08E-07	1.27E-06	1.31E-06	2.55E-07	2.49E-07	3.4960E-04
606995.17	4201774.24	19251.00947	0.01507	0.01545	0.12866	0.133	0.07106	0.06944	3.28E-04	9.07E-08	9.42E-08	1.26E-06	1.29E-06	2.49E-07	2.43E-07	3.3090E-04
606999.43	4201694.18	21257.24953	0.01996	0.02044	0.14285	0.14806	0.07343	0.07174	3.62E-04	1.20E-07	1.25E-07	1.40E-06	1.44E-06	2.57E-07	2.51E-07	3.6545E-04
607000.43	4201559.18	24512.06612	0.0265	0.027	0.14717	0.15228	0.07585	0.07427	4.18E-04	1.60E-07	1.65E-07	1.44E-06	1.48E-06	2.66E-07	2.60E-07	4.2109E-04
607006.13	4201605.69	23132.04837	0.02481	0.0253	0.15648	0.1622	0.07438	0.07277	3.94E-04	1.49E-07	1.54E-07	1.53E-06	1.58E-06	2.60E-07	2.54E-07	3.9774E-04
607006.8	4201642.56	22243.26709	0.02304	0.0235	0.15618	0.16208	0.07357	0.07194	3.79E-04	1.39E-07	1.43E-07	1.53E-06	1.58E-06	2.58E-07	2.51E-07	3.8256E-04
607008.48	4201525.94	25233.71519	0.02895	0.02946	0.15601	0.1612	0.07507	0.07357	4.30E-04	1.74E-07	1.80E-07	1.52E-06	1.57E-06	2.63E-07	2.57E-07	4.3360E-04
607012.32	4201474.6	26453.41698	0.03295	0.03341	0.16568	0.1708	0.07412	0.07273	4.51E-04	1.98E-07	2.04E-07	1.62E-06	1.66E-06	2.60E-07	2.54E-07	4.5463E-04

607016.85	4201734.4	19909.35037	0.01679	0.0172	0.13781	0.14271	0.0703	0.06871	3.39E-04	1.01E-07	1.05E-07	1.35E-06	1.39E-06	2.46E-07	2.40E-07	3.4233E-04
607018.28	4201564.42	24023.24543	0.02662	0.0272	0.1551	0.16075	0.07379	0.07226	4.10E-04	1.60E-07	1.66E-07	1.51E-06	1.56E-06	2.58E-07	2.53E-07	4.1292E-04
607019.38	4201778.6	18963.8138	0.01516	0.01542	0.13973	0.1447	0.06838	0.06685	3.23E-04	9.13E-08	9.41E-08	1.36E-06	1.41E-06	2.39E-07	2.34E-07	3.2623E-04
607022.22	4201611.73	22660.04011	0.02514	0.02567	0.1689	0.17517	0.07237	0.07081	3.86E-04	1.51E-07	1.57E-07	1.65E-06	1.70E-06	2.53E-07	2.47E-07	3.8994E-04
607024.22	4201530.14	24787.89158	0.02915	0.02975	0.16334	0.16907	0.07334	0.07188	4.23E-04	1.76E-07	1.81E-07	1.60E-06	1.64E-06	2.57E-07	2.51E-07	4.2615E-04
607024.23	4201700.21	20785.38622	0.01968	0.02015	0.15255	0.15841	0.07055	0.06896	3.54E-04	1.19E-07	1.23E-07	1.49E-06	1.54E-06	2.47E-07	2.41E-07	3.5760E-04
607026.25	4202541.14	9166.97242	0.00835	0.00839	1.18461	1.42918	0.03902	0.03834	1.56E-04	5.03E-08	5.12E-08	1.16E-05	1.39E-05	1.37E-07	1.34E-07	1.8184E-04
607027.58	4201648.59	21783.95201	0.02304	0.0235	0.16542	0.17204	0.07118	0.06962	3.71E-04	1.39E-07	1.43E-07	1.62E-06	1.67E-06	2.49E-07	2.43E-07	3.7492E-04
607027.66	4202519.84	9359.41303	0.00854	0.00858	1.11494	1.37262	0.03972	0.03902	1.60E-04	5.14E-08	5.23E-08	1.09E-05	1.33E-05	1.39E-07	1.36E-07	1.8389E-04
607028.76	4201479.84	25912.33368	0.03345	0.03405	0.17529	0.18093	0.07244	0.07108	4.42E-04	2.01E-07	2.08E-07	1.71E-06	1.76E-06	2.54E-07	2.48E-07	4.4560E-04
607029.94	4202561.66	8983.86187	0.00821	0.00825	1.31202	1.62804	0.03818	0.03752	1.53E-04	4.94E-08	5.03E-08	1.28E-05	1.58E-05	1.34E-07	1.31E-07	1.8189E-04
607034.05	4202579.72	8832.25173	0.00811	0.00814	1.41626	1.83886	0.03744	0.0368	1.51E-04	4.88E-08	4.97E-08	1.38E-05	1.79E-05	1.31E-07	1.29E-07	1.8238E-04
607037.52	4201565.47	23630.0455	0.02687	0.02753	0.16412	0.17039	0.07171	0.07024	4.03E-04	1.62E-07	1.68E-07	1.60E-06	1.66E-06	2.51E-07	2.45E-07	4.0641E-04
607039.63	4202508.96	9456.11046	0.00872	0.00876	1.28314	1.68238	0.03968	0.03898	1.61E-04	5.25E-08	5.34E-08	1.25E-05	1.64E-05	1.39E-07	1.36E-07	1.9020E-04
607040.32	4201615.75	22197.25369	0.02541	0.02597	0.18359	0.19094	0.07022	0.06872	3.78E-04	1.53E-07	1.58E-07	1.79E-06	1.86E-06	2.46E-07	2.40E-07	3.8235E-04
607040.61	4202600.65	8663.95735	0.008	0.00804	1.57615	2.16727	0.03655	0.03594	1.48E-04	4.82E-08	4.90E-08	1.54E-05	2.11E-05	1.28E-07	1.26E-07	1.8426E-04
607042.07	4201533.29	24327.52552	0.02953	0.0302	0.17372	0.18005	0.07142	0.07001	4.15E-04	1.78E-07	1.84E-07	1.70E-06	1.75E-06	2.50E-07	2.45E-07	4.1852E-04
607044.32	4202654.11	8283.32748	0.0077	0.00774	1.17884	1.65085	0.03481	0.03425	1.41E-04	4.64E-08	4.72E-08	1.15E-05	1.61E-05	1.22E-07	1.20E-07	1.6887E-04
607044.34	4201706.91	20376.39771	0.01935	0.01973	0.16075	0.16718	0.06828	0.06676	3.47E-04	1.17E-07	1.20E-07	1.57E-06	1.63E-06	2.39E-07	2.33E-07	3.5079E-04
607044.34	4201729.71	19708.35675	0.01726	0.01755	0.15117	0.15692	0.06764	0.06613	3.36E-04	1.04E-07	1.07E-07	1.48E-06	1.53E-06	2.37E-07	2.31E-07	3.3918E-04
607044.57	4201783.93	18635.47364	0.01535	0.0155	0.15256	0.1583	0.06572	0.06427	3.18E-04	9.24E-08	9.46E-08	1.49E-06	1.54E-06	2.30E-07	2.25E-07	3.2089E-04
607047.25	4202491.54	9620.86109	0.00894	0.00898	1.29143	1.75739	0.04002	0.0393	1.64E-04	5.38E-08	5.48E-08	1.26E-05	1.71E-05	1.40E-07	1.37E-07	1.9382E-04
607048.02	4202674.63	8144.68863	0.00761	0.00764	0.99094	1.42595	0.03409	0.03356	1.39E-04	4.58E-08	4.66E-08	9.68E-06	1.39E-05	1.19E-07	1.17E-07	1.6248E-04
607050.37	4201654.63	21302.94256	0.02306	0.0235	0.17724	0.18477	0.06868	0.06719	3.63E-04	1.39E-07	1.43E-07	1.73E-06	1.80E-06	2.40E-07	2.35E-07	3.6696E-04
607052.12	4202692.69	8024.78635	0.00753	0.00756	0.80743	1.1978	0.03345	0.03293	1.37E-04	4.53E-08	4.61E-08	7.89E-06	1.16E-05	1.17E-07	1.15E-07	1.5642E-04
607053.24	4201471.1	25612.64482	0.03528	0.03607	0.19217	0.19873	0.06998	0.0687	4.37E-04	2.12E-07	2.20E-07	1.88E-06	1.93E-06	2.45E-07	2.40E-07	4.4086E-04
607054.99	4201488.59	25077.08157	0.03397	0.03477	0.19273	0.19948	0.06984	0.06853	4.27E-04	2.05E-07	2.12E-07	1.88E-06	1.94E-06	2.45E-07	2.39E-07	4.3172E-04
607055.01	4201570.37	23170.24096	0.02696	0.02766	0.17491	0.18193	0.06982	0.0684	3.95E-04	1.62E-07	1.69E-07	1.71E-06	1.77E-06	2.44E-07	2.39E-07	3.9879E-04
607055.96	4202475.22	9780.61127	0.00916	0.0092	1.32754	1.84232	0.04027	0.03955	1.67E-04	5.52E-08	5.61E-08	1.30E-05	1.79E-05	1.41E-07	1.38E-07	1.9772E-04
607057.74	4201619.77	21779.44889	0.02555	0.02608	0.19715	0.20532	0.06828	0.06684	3.71E-04	1.54E-07	1.59E-07	1.93E-06	2.00E-06	2.39E-07	2.34E-07	3.7551E-04
607058.69	4202713.61	7889.2247	0.00745	0.00748	0.61933	0.92444	0.03267	0.03217	1.34E-04	4.49E-08	4.56E-08	6.05E-06	8.99E-06	1.14E-07	1.12E-07	1.4962E-04
607058.84	4201453.26	26023.05064	0.03709	0.03791	0.19744	0.20418	0.06941	0.06817	4.44E-04	2.23E-07	2.31E-07	1.93E-06	1.99E-06	2.43E-07	2.38E-07	4.4798E-04
607061.31	4201537.14	23832.32234	0.02988	0.03059	0.18621	0.19337	0.06943	0.06806	4.06E-04	1.80E-07	1.87E-07	1.82E-06	1.88E-06	2.43E-07	2.38E-07	4.1033E-04
607067.8	4201707.58	20037.02578	0.01977	0.02006	0.17576	0.1833	0.06592	0.06446	3.42E-04	1.19E-07	1.22E-07	1.72E-06	1.78E-06	2.31E-07	2.25E-07	3.4531E-04
607070.72	4201786.83	18346.1944	0.01579	0.0159	0.16803	0.1748	0.0632	0.06184	3.13E-04	9.51E-08	9.70E-08	1.64E-06	1.70E-06	2.21E-07	2.16E-07	3.1628E-04
607071.8	4201574.57	22739.71299	0.02755	0.02818	0.18881	0.19677	0.06804	0.06666	3.88E-04	1.66E-07	1.72E-07	1.84E-06	1.91E-06	2.38E-07	2.33E-07	3.9173E-04
607073.16	4201742.44	19153.10517	0.01738	0.01754	0.16829	0.17519	0.06444	0.06304	3.26E-04	1.05E-07	1.07E-07	1.64E-06	1.70E-06	2.26E-07	2.20E-07	3.3006E-04
607076.51	4201655.3	20875.00325	0.02366	0.02411	0.19624	0.20527	0.06606	0.06465	3.56E-04	1.42E-07	1.47E-07	1.92E-06	2.00E-06	2.31E-07	2.26E-07	3.6005E-04
607078.53	4201622.45	21380.0178	0.02591	0.02641	0.21295	0.22243	0.0662	0.06481	3.64E-04	1.56E-07	1.61E-07	2.08E-06	2.16E-06	2.32E-07	2.26E-07	3.6902E-04
607078.8	4201540.99	23381.15748	0.03021	0.03094	0.19951	0.20759	0.06767	0.06634	3.99E-04	1.82E-07	1.89E-07	1.95E-06	2.02E-06	2.37E-07	2.32E-07	4.0291E-04
607079.65	4202427.69	10277.16172	0.0096	0.00964	1.11107	1.55236	0.04107	0.04033	1.75E-04	5.78E-08	5.88E-08	1.09E-05	1.51E-05	1.44E-07	1.41E-07	2.0126E-04
607081.85	4201948.62	15708.45732	0.01559	0.01571	0.2593	0.27479	0.0563	0.05509	2.68E-04	9.39E-08	9.58E-08	2.53E-06	2.67E-06	1.97E-07	1.93E-07	2.7317E-04
607081.85	4201998.62	15134.68762	0.01383	0.01392	0.24452	0.26162	0.05488	0.05372	2.58E-04	8.33E-08	8.49E-08	2.39E-06	2.54E-06	1.92E-07	1.88E-07	2.6310E-04
607081.85	4202048.62	14504.51533	0.01268	0.01276	0.23911	0.25636	0.05329	0.05219	2.47E-04	7.64E-08	7.78E-08	2.34E-06	2.49E-06	1.87E-07	1.82E-07	2.5224E-04
607081.85	4202098.62	13865.40632	0.01166	0.01172	0.23538	0.25116	0.0517	0.05064	2.36E-04	7.02E-08	7.15E-08	2.30E-06	2.44E-06	1.81E-07	1.77E-07	2.4124E-04
607081.85	4202148.62	13233.1815	0.01108	0.01115	0.25661	0.27388	0.04999	0.04898	2.26E-04	6.67E-08	6.80E-08	2.51E-06	2.66E-06	1.75E-07	1.71E-07	2.3089E-04
607081.85	4202198.62	12686.94269	0.01088	0.01095	0.31477	0.33806	0.04823	0.04727	2.16E-04	6.55E-08	6.68E-08	3.07E-06	3.29E-06	1.69E-07	1.65E-07	2.2277E-04
607081.85	4202248.62	12084.37317	0.01085	0.01091	0.41559	0.45098	0.04645	0.04554	2.06E-04	6.53E-08	6.66E-08	4.06E-06	4.39E-06	1.63E-07	1.59E-07	2.1458E-04
607081.85	4202298.62	11554.78826	0.01042	0.01048	0.52744	0.58547	0.04489	0.04403	1.97E-04	6.27E-08	6.39E-08	5.15E-06	5.69E-06	1.57E-07	1.54E-07	2.0794E-04
607081.85	4202348.62	11069.60453	0.00983	0.00989	0.66595	0.77575	0.04343	0.04262	1.89E-04	5.92E-08	6.03E-08	6.50E-06	7.54E-06	1.52E-07	1.49E-07	2.0287E-04
607081.85	4202398.62	10577.55425	0.00964	0.00969	0.87182	1.09768	0.04194	0.04118	1.80E-04	5.80E-08	5.91E-08	8.51E-06	1.07E-05	1.47E-07	1.44E-07	1.9962E-04
607081.85	4202448.62	10051.4465	0.00959	0.00963	1.52715	2.43834	0.04025	0.03954	1.71E-04	5.77E-08	5.87E-08	1.49E-05	2.37E-05	1.41E-07	1.38E-07	2.1009E-04
607081.85	4202498.62	9508.13327	0.00911	0.00915	3.63524	2.9109	0.03845	0.03778	1.62E-04	5.49E-08	5.58E-08	3.55E-05	2.83E-05	1.35E-07	1.32E-07	2.2601E-04
607081.85	4202548.62	9054.81032	0.00866	0.0087	2.38887	5.19998	0.03687	0.03625	1.54E-04	5.21E-08	5.31E-08	2.33E-05	5.06E-05	1.29E-07	1.27E-07	2.2836E-04
607081.85	4202598.62	8649.46015	0.00826	0.00829	3.58967	4.08429	0.03537	0.03479	1.47E-04	4.97E-08	5.06E-08	3.51E-05	3.97E-05	1.24E-07	1.22E-07	2.2232E-04
607081.85	4202648.62	8296.30369	0.00794	0.00797	4.11622	4.08095	0.03396	0.03342	1.41E-04	4.78E-08	4.86E-08	4.02E-05	3.97E-05	1.19E-07	1.17E-07	2.2141E-04
607081.85	4202698.62	7968.42964	0.00764	0.00767	1.59569	2.82675	0.03256	0.03206	1.36E-04	4.60E-08	4.68E-08	1.56E-05	2.75E-05	1.14E-07	1.12E-07	1.7900E-04
607081.85	4202748.62	7664.84944	0.00737	0.00739	0.48014	0.67828	0.03116	0.0307	1.31E-04	4.44E-08	4.51E-08	4.69E-06	6.60E-06	1.09E-07	1.07E-07	1.4204E-04
607088.6	4201577.72	22339.29397	0.0281	0.0287	0.20483	0.21384	0.06633	0.06499	3.81E-04	1.69E-07	1.75E-07	2.00E-06	2.08E-06	2.32E-07	2.27E-07	3.8524E-04
607090.34	4202416.33	10375.46428	0.00972	0.00977	1.18421	1.64053	0.04098	0.04025	1.77E-04	5.85E-08	5.96E-08	1.16E-05	1.60E-05	1.43E-07	1.41E-07	2.0451E-04
607092.51	4201790.71	18194.181	0.01685	0.01698	0.18996	0.19832	0.06117	0.05987	3.10E-04	1.01E-07	1.04E-07	1.86E-06	1.93E-06	2.14E-07	2.09E-07	3.1414E-04
607093.27	4201712.28	19603.49212	0.02009	0.02031	0.19293	0.20184	0.06339	0.06203	3.34E-04	1.21E-07	1.24E-07	1.88E-06	1.96E-06	2.22E-07	2.17E-07	3.3827E-04
607094.61	4201741.77	19024.95508	0.01834	0.0185	0.18677	0.19507	0.0625	0.06116	3.24E-04	1.10E-07	1.13E-07	1.82E-06	1.90E-06	2.19E-07	2.14E-07	3.2826E-04
607098.04	4201544.48	22907.65258	0.03078	0.0315	0.21762	0.22661	0.06578	0.0645	3.91E-04	1.85E-07	1.92E-07	2.13E-06	2.20E-06	2.30E-07	2.25E-07	3.9521E-04
607099.31	4201628.48	20937.88887	0.02621	0.02666	0.2304	0.24153	0.06418	0.06285	3.57E-04	1.58E-07	1.63E-07	2.25E-06	2.35E-06	2.25E-07	2.20E-07	3.6184E-04
607099.98	4201657.98	20453.1937	0.02422	0.02463	0.21696	0.22771	0.06378	0.06244	3.49E-04	1.46E-07	1.50E-07	2.12E-06	2.21E-06	2.23E-07	2.18E-07	3.5329E-04
607103.71	4202402.3	10493.86476	0.00988	0.00994	1.29551	1.78217	0.04085	0.04012	1.79E-04	5.95E-08	6.06E-08	1.27E-05	1.73E-05	1.43E-07	1.40E-07	2.0899E-04
607106.06	4201502.23	23623.15879	0.03484	0.03575	0.23715	0.24695	0.06503	0.06381	4.03E-04	2.10E-07	2.18E-07	2.32E-06	2.40E-06	2.28E-07	2.23E-07	4.0785E-04
607109.45	4201582.54	21823.38199	0.02889	0.02946	0.22887	0.23941	0.06424	0.06295	3.72E-04	1.74E-07	1.80E-07	2.24E-06	2.33E-06	2.25E-07	2.20E-07	3.7694E-04
607109.71	4201481.99	24031.71268	0.03677	0.03778	0.24319	0.25318	0.06471	0.06353	4.10E-04	2.21E-07	2.30E-07	2.37E-06	2.46E-06	2.27E-07	2.22E-07	4.1495E-04
607111.31	4201455.71	24709.83384	0.03953	0.04068	0.24876	0.2588	0.06463	0.06349	4.21E-04	2.38E-07	2.48E-07	2.43E-06	2.52E-06	2.26E-07	2.22E-07	4.2666E-04
607114.05	4201708.25	19383.46045	0.02107	0.02131	0.21369	0.22438	0.06155	0.06026	3.30E-04	1.27E-07	1.30E-07	2.09E-06	2.18E-06	2.16E-07	2.11E-07	3.3495E-04
607114.38	4201550.44	22449.11276	0.03112	0.0318	0.23421	0.24453	0.06421	0.06296	3.83E-04	1.87E-07	1.94E-07	2.29E-06	2.38E-06	2.25E-07	2.20E-07	3.8773E-04
607114.79	4201795.07	17903.89732	0.01821	0.01838	0.22378	0.2349	0.05907	0.05783	3.05E-04	1.10E-07	1.12E-07	2.19E-06	2.28E-06	2.07E-07	2.02E-07	3.0990E-04
607116.06	4201742.44	18781.42644	0.01939	0.01957	0.21023	0.2205	0.06058	0.0593	3.20E-04	1.17E-07	1.19E-07	2.05E-06	2.14E-06	2.12E-07	2.07E-07	3.2460E-04
607116.4	4202391.6	10575.08654	0.01005	0.01011	1.48639	2.09629	0.04062	0.0399	1.80E-04	6.05E-08	6.17E-08	1.45E-05	2.04E-05	1.42E-07	1.39E-07	2.1530E-04
607118.75	4201626.47	20671.54855	0.02697	0.02741	0.24968	0.2625	0.06248	0.06121	3.52E-04	1.62E-07	1.67E-07	2.44E-06	2.55E-06	2.19E-07	2.14E-07	3.5770E-04
607121.43	4201658.65	20095.34284	0.02509	0.02547	0.24264	0.25575	0.0618	0.06053	3.43E-04	1.51E-07	1.55E-07	2.37E-06	2.49E-06	2.16E-07	2.12E-07	3.4772E-04
607125.91	4201581.72	21538.59819	0.02974	0.03032	0.24821	0.26041	0.06275	0.06151	3.67E-04	1.79E-07	1.85E-07	2.42E-06	2.53E-06	2.20E-07	2.15E-07	3.7248E-04
607128.43	4202382.25	10641.85935	0.01022	0.01028	1.73611	2.48733	0.04037	0.03965	1.81E-04	6.15E-08	6.27E-08	1.70E-05	2.42E-05	1.41E-07	1.39E-07	2.2268E-04
607130.44	4202366.21	10792.34785	0.01033	0.01038	1.49925	2.00942	0.04072	0.03999	1.84E-04	6.22E-08	6.33E-08	1.46E-05	1.95E-05	1.43E-07	1.40E-07	2.1828E-04
607131.69	4202533.61	9117.86877	0.00909	0.00913	3.00831	2.43831	0.03563	0.03504	1.55E-04	5.47E-08	5.57E-08	2.94E-05	2.37E-05	1.25E-07	1.22E-07	2.0863E-04
607131.85	4201948.62	15423.22921	0.01603	0.01617	0.30932	0.33101	0.05294	0.05186	2.63E-04	9.65E-08	9.86E-08	3.02E-06	3.22E-06	1.85E-07	1.81E-07	2.6935E-04
607131.85	4201998.62	14824.91474	0.01451	0.01463	0.30165	0.32673	0.0515	0.05046	2.53E-04	8.74E-08	8.92E-08	2.95E-06	3.18E-06	1.80E-07	1.76E-07	2.5902E-04
607131.85	4202048.62	14224.65973	0.01348	0.01359	0.29851	0.32489	0.05006	0.04906	2.42E-04	8.12E-08	8.29E-08	2.92E-06	3.16E-06	1.75E-07	1.71E-07	2.4872E-04
607131.85	4202098.62	13638.60562	0.01262	0.01273	0.3037	0.32881	0.04857	0.04761	2.32E-04	7.60E-08	7.77E-08	2.97E-06	3.20E-06	1.70E-07	1.66E-07	2.3881E-04
607131.85	4202148.62	13062.88289	0.01201	0.01211	0.33719	0.36456	0.04702	0.0461	2.23E-04	7.23E-08	7.39E-08	3.29E-06	3.55E-06	1.65E-07	1.61E-07	2.2967E-04
607131.85	4202198.62	12468.04071	0.01192	0.01199	0.44637	0.48997	0.04532	0.04445	2.13E-04	7.18E-08	7.31E-08	4.36E-06	4.77E-06	1.59E-07	1.55E-07	2.2181E-04
607131.85	4202248.62	11865.59987	0.01183	0.01191	0.5938	0.65391	0.04367	0.04284	2.02E-04	7.12E-08	7.27E-08	5.80E-06	6.36E-06	1.53E-07	1.50E-07	2.1457E-04
607131.85	4202298.62	11427.49651	0.01099	0.01106	0.82549	0.94209	0.04245	0.04166	1.95E-04	6.62E-08	6.75E-08	8.06E-06	9.16E-06	1.49E-07	1.46E-07	2.1216E-04
607131.85	4202348.62	10960.94065	0.01034	0.01039	1.26227	1.60444	0.04114	0.0404	1.87E-04	6.23E-08	6.34E-08	1.23E-05	1.56E-05	1.44E-07	1.41E-07	2.1491E-04
607131.85	4202398.62	10459.52298	0.01026	0.01031	2.65785	4.3951	0.03972	0.03902	1.78E-04	6.18E-08	6.29E-08	2.60E-05	4.27E-05	1.39E-07	1.36E-07	2.4713E-04
607131.85	4202448.62	9910.57099	0.00996	0.01001	4.03909	4.95792	0.03809	0.03743	1.69E-04	6.00E-08	6.11E-08	3.94E-05	4.82E-05	1.33E-07	1.31E-07	2.5673E-04
607131.85	4202498.62	9416.5316	0.00941	0.00946	3.77593	2.82159	0.03658	0.03596	1.61E-04	5.67E-08	5.77E-08	3.69E-05	2.74E-05	1.28E-07	1.26E-07	2.2495E-04
607131.85	4202548.62	8992.69137	0.00895	0.009	2.80972	2.35528	0.03521	0.03464	1.53E-04	5.39E-08	5.49E-08	2.74E-05	2.29E-05	1.23E-07	1.21E-07	2.0375E-04
607131.85	4202598.62	8605.87108	0.00855	0.00859	2.90125	2.36509	0.0339	0.03336	1.47E-04	5.15E-08	5.24E-08	2.83E-05	2.30E-05	1.19E-07	1.17E-07	1.9814E-04
607131.85	4202648.62	8261.86286	0.00821	0.00824	3.99737	2.98263	0.03265	0.03215	1.41E-04	4.94E-08	5.03E-08	3.90E-05	2.90E-05	1.14E-07	1.12E-07	2.0898E-04
607131.85	4202698.62	7938.07918	0.00789	0.00792	5.09593	4.60396	0.0314	0.03093	1.35E-04	4.75E-08	4.83E-08	4.98E-05	4.48E-05	1.10E-07	1.08E-07	2.2996E-04
607131.85	4202748.62	7636.51339	0.0076	0.00762	1.01927	1.4167	0.03014	0.02971	1.30E-04	4.58E-08	4.65E-08	9.95E-06	1.38E-05	1.06E-07	1.04E-07	1.5400E-04
607134.16	4201710.27	19062.32293	0.02187	0.02214	0.23832	0.25128	0.05971	0.05848	3.25E-04	1.32E-07	1.35E-07	2.33E-06	2.44E-06	2.09E-07	2.04E-07	3.2999E-04
607134.55	4201552.91	21985.64266	0.03212	0.0328	0.26128	0.27387	0.06233	0.06113	3.75E-04	1.93E-07	2.00E-07	2.55E-06	2.66E-06	2.18E-07	2.14E-07	3.8039E-04
607135.38	4202554.13	8942.68565	0.00893	0.00897	2.60146	2.20941	0.03495	0.03438	1.52E-04	5.38E-08	5.47E-08	2.54E-05	2.15E-05	1.22E-07	1.20E-07	1.9945E-04
607137.51	4201741.77	18497.86972	0.02062	0.02086	0.24155	0.2546	0.05866	0.05745	3.15E-04	1.24E-07	1.27E-07	2.36E-06	2.48E-06	2.05E-07	2.01E-07	3.2042E-04
607138.86	4201627.81	20329.87594	0.02768	0.02811	0.27348	0.2885	0.06073	0.0595	3.47E-04	1.67E-07	1.71E-07	2.67E-06	2.81E-06	2.13E-07	2.08E-07	3.5237E-04
607139.48	4202572.19	8792.38154	0.00879	0.00883	2.39128	2.04657	0.03434	0.03379	1.50E-04	5.29E-08	5.39E-08	2.34E-05	1.99E-05	1.20E-07	1.18E-07	1.9325E-04
607139.67	4201507.22	22776.998	0.03592	0.03676	0.27745	0.2902	0.06199	0.06085	3.88E-04	2.16E-07	2.24E-07	2.71E-06	2.82E-06	2.17E-07	2.13E-07	3.9425E-04
607140.46	4201489.08	23196.36964	0.03765	0.0386	0.28166	0.29459	0.06204	0.06091	3.95E-04	2.27E-07	2.35E-07	2.75E-06	2.87E-06	2.17E-07	2.13E-07	4.0150E-04
607140.94	4201796.52	17502.53064	0.02017	0.02041	0.28164	0.29807	0.05673	0.05556	2.98E-04	1.21E-07	1.25E-07	2.75E-06	2.90E-06	1.99E-07	1.94E-07	3.0426E-04
607142.23	4202652.61	8227.41048	0.00824	0.00828	3.16766	2.47528	0.03229	0.0318	1.40E-04	4.96E-08	5.05E-08	3.09E-05	2.41E-05	1.13E-07	1.11E-07	1.9536E-04
607143.61	4201470.95	23588.02499	0.03972	0.04078	0.29049	0.30379	0.06187	0.06077	4.02E-04	2.39E-07	2.49E-07	2.84E-06	2.95E-06	2.17E-07	2.12E-07	4.0838E-04
607145.14	4202352.84	10894.3022	0.01042	0.01047	1.67849	2.25552	0.04046	0.03974	1.86E-04	6.27E-08	6.39E-08	1.64E-05	2.19E-05	1.42E-07	1.39E-07	2.2417E-04
607145.92	4202673.12	8091.35751	0.00813	0.00816	3.41325	2.58245	0.0317	0.03122	1.38E-04	4.90E-08	4.98E-08	3.33E-05	2.51E-05	1.11E-07	1.09E-07	1.9648E-04
607146.05	4202593.12	8631.20642	0.00867	0.00871	2.21697	1.89348	0.03363	0.0331	1.47E-04	5.22E-08	5.31E-08	2.17E-05	1.84E-05	1.18E-07	1.16E-07	1.8731E-04
607146.9	4201656.64	19711.30688	0.02638	0.02679	0.28165	0.2982	0.05959	0.05838	3.36E-04	1.59E-07	1.63E-07	2.75E-06	2.90E-06	2.09E-07	2.04E-07	3.4199E-04
607147.72	4201580.48	21167.63095	0.03083	0.03141	0.27798	0.29256	0.06086	0.05967	3.61E-04	1.86E-07	1.92E-07	2.71E-06	2.85E-06	2.13E-07	2.09E-07	3.6678E-04
607150.03	4202691.18	7973.69477	0.00804	0.00807	3.44885	2.54534	0.03117	0.0307	1.36E-04	4.84E-08	4.92E-08	3.37E-05	2.48E-05	1.09E-07	1.07E-07	1.9446E-04
607150.7	4201452.03	23931.58329	0.04236	0.04357	0.30745	0.3219	0.06137	0.06031	4.08E-04	2.55E-07	2.66E-07	3.00E-06	3.13E-06	2.15E-07	2.11E-07	4.1461E-04
607155.17	4202340.14	10996.50325	0.01057	0.01063	1.70964	2.26315	0.04037	0.03965	1.87E-04	6.36E-08	6.48E-08	1.67E-05	2.20E-05	1.41E-07	1.39E-07	2.2629E-04
607156.28	4201627.14	20072.48398	0.02845	0.0289	0.29735	0.3147	0.0593	0.05812	3.42E-04	1.71E-07	1.76E-07	2.90E-06	3.06E-06	2.08E-07	2.03E-07	3.4848E-04
607156.59	4202712.11	7838.18876	0.00794	0.00797	2.48424	2.05004	0.03051	0.03007	1.34E-04	4.78E-08	4.86E-08	2.43E-05	1.99E-05	1.07E-07	1.05E-07	1.7791E-04
607161.65	4201706.91	18720.80603	0.02364	0.024	0.28308	0.30061	0.05751	0.05634	3.19E-04	1.42E-07	1.46E-07	2.76E-06	2.92E-06	2.01E-07	1.97E-07	3.2511E-04
607164.33	4201744.45	18072.72166	0.0223	0.02264	0.29453	0.3129	0.05639	0.05524	3.08E-04	1.34E-07	1.38E-07	2.88E-06	3.04E-06	1.97E-07	1.93E-07	3.1427E-04
607165.83	4201576.78	20923.39824	0.03203	0.03263	0.30634	0.32345	0.0594	0.05826	3.57E-04	1.93E-07	1.99E-07	2.99E-06	3.15E-06	2.08E-07	2.04E-07	3.6321E-04
607167.09	4201791.19	17205.93326	0.0216	0.02187	0.34837	0.37205	0.05472	0.0536	2.93E-04	1.30E-07	1.33E-07	3.40E-06	3.62E-06	1.92E-07	1.87E-07	3.0059E-04
607167.2	4202333.46	11032.48775	0.01074	0.0108	1.98635	2.67215	0.04003	0.03932	1.88E-04	6.47E-08	6.59E-08	1.94E-05	2.60E-05	1.40E-07	1.37E-07	2.3359E-04
607171.03	4201655.3	19363.55252	0.02753	0.02797	0.32176	0.3428	0.05764	0.05649	3.30E-04	1.66E-07	1.71E-07	3.14E-06	3.33E-06	2.02E-07	1.97E-07	3.3690E-04
607173.88	4202318.09	11160.73361	0.01093	0.01099	1.78405	2.31376	0.04013	0.03942	1.90E-04	6.58E-08	6.70E-08	1.74E-05	2.25E-05	1.41E-07	1.38E-07	2.3031E-04
607177.06	4201627.81	19744.41145	0.02936	0.02985	0.33132	0.35227	0.05764	0.0565	3.37E-04	1.77E-07	1.82E-07	3.24E-06	3.43E-06	2.02E-07	1.97E-07	3.4360E-04
607181.85	4201948.62	15088.30375	0.01668	0.01684	0.38495	0.41602	0.04981	0.04883	2.57E-04	1.00E-07	1.03E-07	3.76E-06	4.05E-06	1.74E-07	1.71E-07	2.6522E-04
607181.85	4201998.62	14495.80918	0.0154	0.01554	0.39793	0.43835	0.04844	0.04749	2.47E-04	9.27E-08	9.48E-08	3.89E-06	4.26E-06	1.70E-07	1.66E-07	2.5544E-04
607181.85	4202048.62	13923.95941	0.0144	0.01452	0.40389	0.45107	0.04706	0.04615	2.37E-04	8.67E-08	8.86E-08	3.94E-06	4.39E-06	1.65E-07	1.61E-07	2.4587E-04
607181.85	4202098.62	13358.65389	0.01367	0.01378	0.42363	0.47221	0.04562	0.04475	2.28E-04	8.23E-08	8.41E-08	4.14E-06	4.59E-06	1.60E-07	1.56E-07	2.3662E-04
607181.85	4202148.62	12769.27793	0.01352	0.01363	0.52255	0.58209	0.04413	0.04329	2.18E-04	8.14E-08	8.31E-08	5.10E-06	5.66E-06	1.55E-07	1.51E-07	2.2860E-04
607181.85	4202198.62	12121.41773	0.01314	0.01324	0.71716	0.83245	0.04243	0.04163	2.07E-04	7.91E-08	8.08E-08	7.00E-06	8.10E-06	1.49E-07	1.45E-07	2.2189E-04
607181.85	4202248.62	11664.04443	0.01252	0.0126	0.90826	1.06719	0.0412	0.04044	1.99E-04	7.54E-08	7.69E-08	8.87E-06	1.04E-05	1.44E-07	1.41E-07	2.1824E-04
607181.85	4202298.62	11306.55527	0.01134	0.01141	1.62073	2.00309	0.04025	0.03953	1.93E-04	6.83E-08	6.96E-08	1.58E-05	1.95E-05	1.41E-07	1.38E-07	2.2819E-04
607181.85	4202348.62	10850.38127	0.01082	0.01088	4.09801	3.36263	0.03904	0.03836	1.85E-04	6.52E-08	6.64E-08	4.00E-05	3.27E-05	1.37E-07	1.34E-07	2.5782E-04
607181.85	4202398.62	10344.31578	0.01082	0.01087	5.80094	4.32921	0.03769	0.03705	1.76E-04	6.52E-08	6.63E-08	5.66E-05	4.21E-05	1.32E-07	1.29E-07	2.7522E-04
607181.85	4202448.62	9801.5945	0.01033	0.01038	2.52134	2.07901	0.03619	0.03558	1.67E-04	6.22E-08	6.33E-08	2.46E-05	2.02E-05	1.27E-07	1.24E-07	2.1205E-04
607181.85	4202498.62	9329.52011	0.00974	0.00979	1.69994	1.47816	0.03485	0.03428	1.59E-04	5.86E-08	5.97E-08	1.66E-05	1.44E-05	1.22E-07	1.20E-07	1.9013E-04
607181.85	4202548.62	8921.76911	0.00926	0.0093	1.43943	1.2917	0.03364	0.0331	1.52E-04	5.58E-08	5.67E-08	1.41E-05	1.26E-05	1.18E-07	1.16E-07	1.7882E-04
607182.57	4202306.06	11242.98645	0.01121	0.01127	1.81577	2.32791	0.04005	0.03934	1.92E-04	6.75E-08	6.87E-08	1.77E-05	2.26E-05	1.40E-07	1.37E-07	2.3217E-04
607183.52	4201578.02	20592.35466	0.03297	0.0336	0.33905	0.35945	0.05796	0.05686	3.51E-04	1.99E-07	2.05E-07	3.31E-06	3.50E-06	2.03E-07	1.99E-07	3.5824E-04
607185.11	4201741.77	17842.15917	0.02342	0.02376	0.33717	0.36068	0.05487	0.05377	3.04E-04	1.41E-07	1.45E-07	3.29E-06	3.51E-06	1.92E-07	1.88E-07	3.1124E-04
607190.12	4201515.89	21633.76434	0.03843	0.03927	0.36646	0.38749	0.05793	0.05688	3.69E-04	2.31E-07	2.40E-07	3.58E-06	3.77E-06	2.03E-07	1.99E-07	3.7660E-04
607190.47	4201708.25	18311.89037	0.02486	0.02525	0.33501	0.3592	0.05527	0.05417	3.12E-04	1.50E-07	1.54E-07	3.27E-06	3.49E-06	1.94E-07	1.89E-07	3.1923E-04
607192.59	4202290.69	11346.29984	0.01167	0.01173	1.7455	2.18331	0.03997	0.03926	1.93E-04	7.03E-08	7.16E-08	1.70E-05	2.12E-05	1.40E-07	1.37E-07	2.3184E-04
607193.82	4201656.64	19033.10098	0.02842	0.02891	0.36204	0.38858	0.05591	0.05481	3.24E-04	1.71E-07	1.76E-07	3.54E-06	3.78E-06	1.96E-07	1.92E-07	3.3212E-04
607194.06	4201499.33	21905.34481	0.04037	0.04129	0.38183	0.40388	0.05775	0.05671	3.73E-04	2.43E-07	2.52E-07	3.73E-06	3.93E-06	2.02E-07	1.98E-07	3.8157E-04
607196.5	4201624.46	19519.52823	0.03051	0.03105	0.36867	0.39398	0.05623	0.05514	3.33E-04	1.84E-07	1.89E-07	3.60E-06	3.83E-06	1.97E-07	1.93E-07	3.4055E-04
607197.52	4201575.13	20395.18687	0.034	0.03467	0.37052	0.39396	0.05688	0.05581	3.48E-04	2.05E-07	2.11E-07	3.62E-06	3.83E-06	1.99E-07	1.95E-07	3.5554E-04
607198	4201459.13	22723.28092	0.04544	0.0466	0.41342	0.43746	0.05767	0.05668	3.87E-04	2.74E-07	2.84E-07	4.04E-06	4.25E-06	2.02E-07	1.98E-07	3.9621E-04
607199.58	4201481.99	22166.69736	0.04272	0.04374	0.40429	0.42797	0.05742	0.05642	3.78E-04	2.57E-07	2.67E-07	3.95E-06	4.16E-06	2.01E-07	1.97E-07	3.8651E-04
607202.62	4202281.33	11393.67307	0.012	0.01208	1.78801	2.26868	0.03976	0.03905	1.94E-04	7.23E-08	7.37E-08	1.75E-05	2.21E-05	1.39E-07	1.36E-07	2.3390E-04
607207.23	4201733.73	17688.73889	0.02472	0.0251	0.38643	0.41668	0.05346	0.05241	3.02E-04	1.49E-07	1.53E-07	3.77E-06	4.05E-06	1.87E-07	1.83E-07	3.0966E-04
607209.24	4201706.24	18092.8875	0.02589	0.0263	0.37972	0.40993	0.05394	0.05288	3.08E-04	1.56E-07	1.60E-07	3.71E-06	3.99E-06	1.89E-07	1.85E-07	3.1644E-04
607209.71	4201784.9	16822.26614	0.02314	0.02345	0.45585	0.49394	0.05189	0.05086	2.87E-04	1.39E-07	1.43E-07	4.45E-06	4.80E-06	1.82E-07	1.78E-07	2.9630E-04
607214.65	4202269.97	11439.50656	0.01243	0.01251	1.82958	2.40451	0.03947	0.03877	1.95E-04	7.48E-08	7.63E-08	1.79E-05	2.34E-05	1.38E-07	1.35E-07	2.3641E-04
607218.63	4201662	18636.50476	0.02902	0.02954	0.41104	0.44529	0.05409	0.05305	3.18E-04	1.75E-07	1.80E-07	4.01E-06	4.33E-06	1.89E-07	1.85E-07	3.2639E-04
607218.92	4201572.25	20060.41823	0.03547	0.03621	0.42638	0.4558	0.05526	0.05423	3.42E-04	2.14E-07	2.21E-07	4.16E-06	4.43E-06	1.93E-07	1.90E-07	3.5100E-04
607221.31	4201641.89	18900.57389	0.0306	0.03117	0.42506	0.46025	0.0542	0.05317	3.22E-04	1.84E-07	1.90E-07	4.15E-06	4.48E-06	1.90E-07	1.86E-07	3.3120E-04
607223.32	4201616.42	19276.83966	0.03246	0.0331	0.4336	0.46738	0.05444	0.05341	3.29E-04	1.95E-07	2.02E-07	4.23E-06	4.55E-06	1.91E-07	1.87E-07	3.3779E-04
607226.68	4202254.6	11498.32865	0.01295	0.01304	1.88151	2.66982	0.03922	0.03853	1.96E-04	7.80E-08	7.95E-08	1.84E-05	2.60E-05	1.37E-07	1.35E-07	2.4051E-04
607228.68	4202226.53	11686.69714	0.0134	0.0135	1.49592	2.0475	0.03965	0.03893	1.99E-04	8.07E-08	8.24E-08	1.46E-05	1.99E-05	1.39E-07	1.36E-07	2.3391E-04
607231.85	4201948.62	14671.92455	0.01829	0.01847	0.58965	0.65142	0.04681	0.04592	2.50E-04	1.10E-07	1.13E-07	5.76E-06	6.34E-06	1.64E-07	1.60E-07	2.6243E-04
607231.85	4201998.62	14141.4535	0.01682	0.01697	0.603	0.68416	0.04562	0.04476	2.41E-04	1.01E-07	1.04E-07	5.89E-06	6.65E-06	1.60E-07	1.56E-07	2.5381E-04
607231.85	4202048.62	13606.02777	0.01558	0.0157	0.62614	0.73694	0.04436	0.04353	2.32E-04	9.38E-08	9.58E-08	6.11E-06	7.17E-06	1.55E-07	1.52E-07	2.4541E-04
607231.85	4202098.62	13054.73513	0.0151	0.01522	0.69603	0.8364	0.04303	0.04223	2.23E-04	9.09E-08	9.28E-08	6.80E-06	8.13E-06	1.51E-07	1.48E-07	2.3766E-04
607231.85	4202148.62	12393.05774	0.01459	0.0147	1.07787	1.36138	0.04137	0.04061	2.11E-04	8.79E-08	8.97E-08	1.05E-05	1.32E-05	1.45E-07	1.42E-07	2.3521E-04
607231.85	4202198.62	11884.10504	0.01377	0.01387	1.32156	1.74879	0.04006	0.03934	2.03E-04	8.29E-08	8.46E-08	1.29E-05	1.70E-05	1.40E-07	1.37E-07	2.3267E-04
607231.85	4202248.62	11516.88514	0.01314	0.01323	1.96475	2.87466	0.0391	0.03841	1.96E-04	7.91E-08	8.07E-08	1.92E-05	2.80E-05	1.37E-07	1.34E-07	2.4363E-04
607231.85	4202298.62	11164.24047	0.01192	0.01199	5.3826	4.14534	0.03819	0.03753	1.90E-04	7.18E-08	7.31E-08	5.26E-05	4.03E-05	1.34E-07	1.31E-07	2.8334E-04
607231.85	4202348.62	10716.95734	0.01154	0.01161	4.85225	3.94152	0.03708	0.03645	1.83E-04	6.95E-08	7.08E-08	4.74E-05	3.83E-05	1.30E-07	1.27E-07	2.6855E-04
607231.85	4202398.62	10193.83707	0.01135	0.01142	2.20548	1.92008	0.03574	0.03514	1.74E-04	6.83E-08	6.97E-08	2.15E-05	1.87E-05	1.25E-07	1.23E-07	2.1412E-04
607231.85	4202448.62	9679.07039	0.01069	0.01075	1.41347	1.26782	0.0344	0.03384	1.65E-04	6.44E-08	6.56E-08	1.38E-05	1.23E-05	1.20E-07	1.18E-07	1.9126E-04
607231.85	4202498.62	9247.95019	0.01011	0.01016	1.09836	1.0049	0.03326	0.03273	1.58E-04	6.09E-08	6.20E-08	1.07E-05	9.77E-06	1.16E-07	1.14E-07	1.7827E-04
607231.85	4202548.62	8848.19362	0.00959	0.00963	0.95433	0.88519	0.03216	0.03166	1.51E-04	5.77E-08	5.87E-08	9.32E-06	8.61E-06	1.13E-07	1.11E-07	1.6888E-04
607232.69	4201479.62	21578.96573	0.04614	0.04736	0.52489	0.56197	0.05507	0.05412	3.68E-04	2.78E-07	2.89E-07	5.13E-06	5.47E-06	1.93E-07	1.89E-07	3.7901E-04
607235.06	4201458.34	21991.30211	0.04947	0.05086	0.56098	0.6018	0.05504	0.05411	3.75E-04	2.98E-07	3.10E-07	5.48E-06	5.85E-06	1.93E-07	1.89E-07	3.8682E-04
607237.02	4201569.37	19822.40463	0.03692	0.03773	0.48594	0.5226	0.05401	0.05301	3.38E-04	2.22E-07	2.30E-07	4.75E-06	5.08E-06	1.89E-07	1.85E-07	3.4819E-04
607242.15	4201499.33	21021.82785	0.0446	0.04576	0.55208	0.59422	0.05431	0.05336	3.58E-04	2.69E-07	2.79E-07	5.39E-06	5.78E-06	1.90E-07	1.86E-07	3.7007E-04
607245.3	4201518.25	20611.46654	0.04267	0.04374	0.5503	0.59375	0.05396	0.053	3.51E-04	2.57E-07	2.67E-07	5.37E-06	5.77E-06	1.89E-07	1.85E-07	3.6303E-04
607256.2	4201735.98	17050.02578	0.02701	0.02744	0.57375	0.6388	0.0501	0.04915	2.91E-04	1.63E-07	1.67E-07	5.60E-06	6.21E-06	1.75E-07	1.72E-07	3.0279E-04
607259.99	4202104.79	12772.46776	0.01586	0.016	1.29013	1.85171	0.04139	0.04063	2.18E-04	9.55E-08	9.76E-08	1.26E-05	1.80E-05	1.45E-07	1.42E-07	2.4853E-04
607260.56	4201780.54	16349.17567	0.02519	0.02555	0.68059	0.76269	0.04879	0.04786	2.79E-04	1.52E-07	1.56E-07	6.65E-06	7.42E-06	1.71E-07	1.67E-07	2.9307E-04
607262.5	4201714.67	17286.55014	0.0283	0.02877	0.58438	0.65371	0.05016	0.04921	2.95E-04	1.70E-07	1.75E-07	5.71E-06	6.36E-06	1.76E-07	1.72E-07	3.0709E-04
607263.77	4201568.55	19424.54159	0.03901	0.0399	0.60721	0.66179	0.05222	0.05127	3.31E-04	2.35E-07	2.43E-07	5.93E-06	6.44E-06	1.83E-07	1.79E-07	3.4397E-04
607263.97	4202045.13	13408.61611	0.01684	0.017	1.03546	1.32748	0.04279	0.04201	2.29E-04	1.01E-07	1.04E-07	1.01E-05	1.29E-05	1.50E-07	1.47E-07	2.5180E-04
607265.41	4201691.43	17589.97859	0.0297	0.03021	0.58493	0.65491	0.05043	0.04949	3.00E-04	1.79E-07	1.84E-07	5.71E-06	6.37E-06	1.77E-07	1.73E-07	3.1230E-04
607268.31	4201663.82	17961.04972	0.03153	0.0321	0.58974	0.65946	0.05075	0.0498	3.06E-04	1.90E-07	1.96E-07	5.76E-06	6.41E-06	1.78E-07	1.74E-07	3.1874E-04
607270.25	4201614.91	18655.0777	0.03545	0.0362	0.61464	0.67987	0.05135	0.0504	3.18E-04	2.13E-07	2.21E-07	6.00E-06	6.61E-06	1.80E-07	1.76E-07	3.3106E-04
607271.35	4202059.5	13182.50483	0.0169	0.01705	1.4225	2.07831	0.04201	0.04125	2.25E-04	1.02E-07	1.04E-07	1.39E-05	2.02E-05	1.47E-07	1.44E-07	2.5903E-04
607272.19	4201641.54	18237.23573	0.03337	0.03402	0.61197	0.68354	0.05086	0.04992	3.11E-04	2.01E-07	2.08E-07	5.98E-06	6.65E-06	1.78E-07	1.74E-07	3.2392E-04
607276.28	4201925.31	14492.16964	0.02051	0.02075	1.12154	1.31819	0.04475	0.04392	2.47E-04	1.23E-07	1.27E-07	1.10E-05	1.28E-05	1.57E-07	1.53E-07	2.7107E-04
607278.74	4202023.38	13464.52884	0.01796	0.01813	1.69424	2.3416	0.04243	0.04166	2.30E-04	1.08E-07	1.11E-07	1.65E-05	2.28E-05	1.49E-07	1.46E-07	2.6907E-04
607279.97	4201945.82	14240.22428	0.02001	0.02023	1.29663	1.559	0.0441	0.04328	2.43E-04	1.20E-07	1.23E-07	1.27E-05	1.52E-05	1.54E-07	1.51E-07	2.7082E-04

607281.85	4201948.62	14193.96576	0.01998	0.0202	1.36499	1.65195	0.04393	0.04312	2.42E-04	1.20E-07	1.23E-07	1.33E-05	1.61E-05	1.54E-07	1.51E-07	2.7160E-04
607281.85	4201998.62	13687.87527	0.01864	0.01883	1.66287	2.1976	0.04284	0.04205	2.33E-04	1.12E-07	1.15E-07	1.62E-05	2.14E-05	1.50E-07	1.47E-07	2.7117E-04
607281.85	4202048.62	13192.70644	0.01744	0.01761	2.01789	3.08741	0.0417	0.04094	2.25E-04	1.05E-07	1.07E-07	1.97E-05	3.00E-05	1.46E-07	1.43E-07	2.7484E-04
607281.85	4202098.62	12689.6734	0.01638	0.01653	2.46429	4.43812	0.0405	0.03977	2.16E-04	9.86E-08	1.01E-07	2.41E-05	4.32E-05	1.42E-07	1.39E-07	2.8375E-04
607281.85	4202148.62	12101.75997	0.01524	0.01537	3.66517	3.40058	0.03906	0.03837	2.06E-04	9.18E-08	9.38E-08	3.58E-05	3.31E-05	1.37E-07	1.34E-07	2.7535E-04
607281.85	4202198.62	11649.72922	0.01439	0.01451	3.6039	3.94881	0.03793	0.03726	1.99E-04	8.66E-08	8.85E-08	3.52E-05	3.84E-05	1.33E-07	1.30E-07	2.7237E-04
607281.85	4202248.62	11333.48768	0.01377	0.01388	4.13977	5.35722	0.03711	0.03647	1.93E-04	8.29E-08	8.47E-08	4.04E-05	5.21E-05	1.30E-07	1.27E-07	2.8590E-04
607281.85	4202298.62	10948.96027	0.01296	0.01305	3.8067	2.87725	0.03616	0.03555	1.87E-04	7.80E-08	7.96E-08	3.72E-05	2.80E-05	1.27E-07	1.24E-07	2.5196E-04
607281.85	4202348.62	10486.44945	0.01241	0.0125	1.97795	1.75191	0.03503	0.03445	1.79E-04	7.47E-08	7.63E-08	1.93E-05	1.70E-05	1.23E-07	1.20E-07	2.1527E-04
607281.85	4202398.62	10010.13969	0.01174	0.01181	1.30307	1.19623	0.03387	0.03332	1.71E-04	7.07E-08	7.20E-08	1.27E-05	1.16E-05	1.19E-07	1.16E-07	1.9514E-04
607281.85	4202448.62	9568.10916	0.01107	0.01114	0.9802	0.91111	0.03279	0.03227	1.63E-04	6.67E-08	6.80E-08	9.57E-06	8.86E-06	1.15E-07	1.13E-07	1.8167E-04
607281.85	4202498.62	9160.37337	0.01047	0.01053	0.80663	0.75701	0.03177	0.03128	1.56E-04	6.30E-08	6.42E-08	7.88E-06	7.36E-06	1.11E-07	1.09E-07	1.7152E-04
607281.85	4202548.62	8780.87829	0.00993	0.00999	0.70881	0.67003	0.0308	0.03034	1.50E-04	5.98E-08	6.09E-08	6.92E-06	6.52E-06	1.08E-07	1.06E-07	1.6325E-04
607282.36	4201779.57	16128.07025	0.0261	0.02649	0.86523	0.99609	0.04751	0.04662	2.75E-04	1.57E-07	1.62E-07	8.45E-06	9.69E-06	1.66E-07	1.63E-07	2.9339E-04
607283.25	4202005.74	13605.47415	0.01849	0.01868	1.78258	2.4147	0.0426	0.04183	2.32E-04	1.11E-07	1.14E-07	1.74E-05	2.35E-05	1.49E-07	1.46E-07	2.7305E-04
607284.07	4201963.88	14017.70739	0.0196	0.01982	1.52426	1.89251	0.04348	0.04268	2.39E-04	1.18E-07	1.21E-07	1.49E-05	1.84E-05	1.52E-07	1.49E-07	2.7249E-04
607285.17	4201568.14	19110.48033	0.04083	0.04181	0.75193	0.83269	0.05085	0.04994	3.26E-04	2.46E-07	2.55E-07	7.34E-06	8.10E-06	1.78E-07	1.75E-07	3.4172E-04
607287.2	4201728.23	16794.20868	0.02891	0.0294	0.77655	0.89687	0.04835	0.04745	2.86E-04	1.74E-07	1.79E-07	7.58E-06	8.72E-06	1.69E-07	1.66E-07	3.0295E-04
607288.66	4201454.4	21098.82721	0.05712	0.05906	1.10477	1.24173	0.0517	0.05085	3.60E-04	3.44E-07	3.60E-07	1.08E-05	1.21E-05	1.81E-07	1.78E-07	3.8324E-04
607289.45	4201490.66	20417.30751	0.0512	0.05275	0.98694	1.10067	0.05143	0.05056	3.48E-04	3.08E-07	3.22E-07	9.64E-06	1.07E-05	1.80E-07	1.77E-07	3.6902E-04
607289.45	4201511.95	19993.00598	0.04799	0.04934	0.90007	1.00286	0.05117	0.05028	3.41E-04	2.89E-07	3.01E-07	8.79E-06	9.75E-06	1.79E-07	1.76E-07	3.5995E-04
607290.64	4201984.81	13754.57986	0.01919	0.0194	1.98465	2.63252	0.04269	0.04191	2.34E-04	1.16E-07	1.18E-07	1.94E-05	2.56E-05	1.49E-07	1.46E-07	2.7969E-04
607294.18	4201470.16	20710.99858	0.05506	0.05686	1.14499	1.28723	0.05128	0.05043	3.53E-04	3.32E-07	3.47E-07	1.12E-05	1.25E-05	1.80E-07	1.76E-07	3.7744E-04
607294.46	4201707.41	16998.04613	0.03046	0.03102	0.81572	0.95251	0.04832	0.04743	2.90E-04	1.83E-07	1.89E-07	7.97E-06	9.26E-06	1.69E-07	1.66E-07	3.0736E-04
607299.31	4201658.98	17629.52013	0.03384	0.03453	0.80858	0.93937	0.0489	0.04801	3.01E-04	2.04E-07	2.11E-07	7.90E-06	9.14E-06	1.71E-07	1.68E-07	3.1797E-04
607299.31	4201681.26	17308.84571	0.03233	0.03296	0.83042	0.97248	0.04851	0.04762	2.95E-04	1.95E-07	2.01E-07	8.11E-06	9.46E-06	1.70E-07	1.66E-07	3.1302E-04
607303.67	4201638.15	17874.08831	0.03572	0.03648	0.84181	0.97494	0.04897	0.04808	3.05E-04	2.15E-07	2.23E-07	8.22E-06	9.48E-06	1.71E-07	1.68E-07	3.2284E-04
607305.12	4201612.97	18202.03659	0.03815	0.03904	0.88878	1.01669	0.0492	0.04831	3.10E-04	2.30E-07	2.38E-07	8.68E-06	9.89E-06	1.72E-07	1.69E-07	3.2932E-04
607305.12	4201782.47	15829.54196	0.0268	0.02723	1.25305	1.52765	0.0461	0.04525	2.70E-04	1.61E-07	1.66E-07	1.22E-05	1.49E-05	1.61E-07	1.58E-07	2.9727E-04
607307.4	4201564.43	18851.10118	0.04326	0.04437	0.99696	1.13519	0.04955	0.04868	3.21E-04	2.60E-07	2.71E-07	9.74E-06	1.10E-05	1.73E-07	1.70E-07	3.4266E-04
607307.87	4201899.45	14456.24021	0.0221	0.02238	2.16604	2.86429	0.04356	0.04276	2.46E-04	1.33E-07	1.37E-07	2.12E-05	2.79E-05	1.53E-07	1.49E-07	2.9571E-04
607316.49	4201853.9	14869.91777	0.024	0.02434	2.14675	2.95534	0.04403	0.04323	2.53E-04	1.45E-07	1.48E-07	2.10E-05	2.87E-05	1.54E-07	1.51E-07	3.0348E-04
607321.3	4202259.3	11091.55867	0.01406	0.01418	2.77616	2.19171	0.03543	0.03484	1.89E-04	8.47E-08	8.65E-08	2.71E-05	2.13E-05	1.24E-07	1.22E-07	2.3767E-04
607330.96	4202209.32	11395.30684	0.01491	0.01506	3.12303	2.47217	0.03594	0.03533	1.94E-04	8.98E-08	9.19E-08	3.05E-05	2.40E-05	1.26E-07	1.23E-07	2.4898E-04
607331.85	4201948.62	13755.43354	0.02105	0.02133	2.7548	5.68077	0.04137	0.04064	2.34E-04	1.27E-07	1.30E-07	2.69E-05	5.52E-05	1.45E-07	1.42E-07	3.1690E-04
607331.85	4201998.62	13319.74087	0.01967	0.01992	4.06181	6.61806	0.04046	0.03974	2.27E-04	1.18E-07	1.22E-07	3.97E-05	6.44E-05	1.42E-07	1.39E-07	3.3133E-04
607331.85	4202048.62	12842.52415	0.01834	0.01856	6.36332	4.51351	0.03939	0.0387	2.19E-04	1.10E-07	1.13E-07	6.21E-05	4.39E-05	1.38E-07	1.35E-07	3.2519E-04
607331.85	4202098.62	12367.12349	0.01713	0.01732	4.97868	3.48759	0.03828	0.03762	2.11E-04	1.03E-07	1.06E-07	4.86E-05	3.39E-05	1.34E-07	1.31E-07	2.9357E-04
607331.85	4202148.62	11827.74255	0.01585	0.01601	3.83607	2.80971	0.037	0.03636	2.02E-04	9.54E-08	9.77E-08	3.75E-05	2.73E-05	1.30E-07	1.27E-07	2.6661E-04
607331.85	4202198.62	11428.95166	0.01499	0.01514	3.27871	2.52069	0.03601	0.0354	1.95E-04	9.03E-08	9.24E-08	3.20E-05	2.45E-05	1.26E-07	1.24E-07	2.5154E-04
607331.85	4202248.62	11146.04939	0.01433	0.01447	2.48943	2.01355	0.03529	0.0347	1.90E-04	8.63E-08	8.83E-08	2.43E-05	1.96E-05	1.24E-07	1.21E-07	2.3407E-04
607331.85	4202298.62	10751.92963	0.01355	0.01368	1.80366	1.53996	0.03434	0.03378	1.83E-04	8.16E-08	8.34E-08	1.76E-05	1.50E-05	1.20E-07	1.18E-07	2.1604E-04
607331.85	4202348.62	10347.15902	0.01286	0.01297	1.29052	1.16626	0.03338	0.03284	1.76E-04	7.74E-08	7.91E-08	1.26E-05	1.13E-05	1.17E-07	1.15E-07	2.0049E-04
607331.85	4202398.62	9924.94248	0.0122	0.0123	0.96449	0.89807	0.03239	0.03188	1.69E-04	7.35E-08	7.50E-08	9.42E-06	8.73E-06	1.13E-07	1.11E-07	1.8749E-04
607331.85	4202448.62	9476.61641	0.01146	0.01155	0.75513	0.71284	0.03134	0.03086	1.62E-04	6.90E-08	7.05E-08	7.37E-06	6.93E-06	1.10E-07	1.08E-07	1.7599E-04
607331.85	4202498.62	9073.937	0.01081	0.01089	0.63365	0.60275	0.03039	0.02994	1.55E-04	6.51E-08	6.64E-08	6.19E-06	5.86E-06	1.06E-07	1.05E-07	1.6686E-04
607331.85	4202548.62	8708.67557	0.01025	0.01032	0.55605	0.53207	0.02952	0.02908	1.48E-04	6.17E-08	6.30E-08	5.43E-06	5.17E-06	1.03E-07	1.02E-07	1.5918E-04
607332.24	4201768.91	15708.79212	0.02855	0.02905	2.10387	2.91203	0.04487	0.04406	2.68E-04	1.72E-07	1.77E-07	2.05E-05	2.83E-05	1.57E-07	1.54E-07	3.1700E-04
607333.23	4202147.98	11827.17452	0.01588	0.01605	3.71945	2.74596	0.03696	0.03632	2.02E-04	9.56E-08	9.79E-08	3.63E-05	2.67E-05	1.29E-07	1.27E-07	2.6484E-04
607333.8	4202176.38	11546.65908	0.01525	0.0154	3.2453	2.45047	0.03626	0.03564	1.97E-04	9.18E-08	9.39E-08	3.17E-05	2.38E-05	1.27E-07	1.25E-07	2.5254E-04
607338.67	4201559.91	18456.71861	0.04668	0.04805	1.68645	2.05897	0.04775	0.04693	3.15E-04	2.81E-07	2.93E-07	1.65E-05	2.00E-05	1.67E-07	1.64E-07	3.5170E-04
607339.02	4201743.25	15975.37495	0.0304	0.03099	2.12054	2.99882	0.04503	0.04422	2.72E-04	1.83E-07	1.89E-07	2.07E-05	2.92E-05	1.58E-07	1.55E-07	3.2258E-04
607340.96	4201720	16266.80891	0.03202	0.03267	1.95592	2.7325	0.04538	0.04457	2.77E-04	1.93E-07	1.99E-07	1.91E-05	2.66E-05	1.59E-07	1.56E-07	3.2337E-04
607346.28	4201693.85	16563.42543	0.03414	0.03489	1.95987	2.75648	0.04559	0.04478	2.82E-04	2.06E-07	2.13E-07	1.91E-05	2.68E-05	1.60E-07	1.56E-07	3.2872E-04
607346.86	4202072.72	12524.32267	0.01797	0.01819	3.82402	2.90156	0.03825	0.03758	2.13E-04	1.08E-07	1.11E-07	3.73E-05	2.82E-05	1.34E-07	1.31E-07	2.7928E-04
607348.03	4202037.94	12842.07279	0.01888	0.01912	4.35121	3.34203	0.03894	0.03826	2.19E-04	1.14E-07	1.17E-07	4.25E-05	3.25E-05	1.36E-07	1.34E-07	2.9414E-04
607350.64	4201670.12	16837.90317	0.03619	0.03705	1.95492	2.78523	0.04577	0.04496	2.87E-04	2.18E-07	2.26E-07	1.91E-05	2.71E-05	1.60E-07	1.57E-07	3.3366E-04
607352.58	4201646.39	17134.20101	0.03832	0.03929	1.92059	2.65733	0.04603	0.04522	2.92E-04	2.31E-07	2.40E-07	1.88E-05	2.58E-05	1.61E-07	1.58E-07	3.3715E-04
607355.48	4201589.24	17825.76113	0.04456	0.04585	2.30792	2.98575	0.04653	0.04572	3.04E-04	2.68E-07	2.80E-07	2.25E-05	2.90E-05	1.63E-07	1.60E-07	3.5600E-04
607355.97	4201619.75	17437.65533	0.04119	0.04231	2.11486	2.80668	0.04619	0.04539	2.97E-04	2.48E-07	2.58E-07	2.07E-05	2.73E-05	1.62E-07	1.59E-07	3.4571E-04
607366.33	4200769.13	31634.50866	1.74856	1.43729	0.03979	0.03766	0.03089	0.03103	5.39E-04	1.05E-05	8.77E-06	3.89E-07	3.66E-07	1.08E-07	1.08E-07	5.5932E-04
607369.05	4201993.63	13139.6525	0.02051	0.02081	3.27579	2.76598	0.03902	0.03834	2.24E-04	1.23E-07	1.27E-07	3.20E-05	2.69E-05	1.37E-07	1.34E-07	2.8313E-04
607370.6	4200744.38	31764.81937	1.48929	1.24955	0.036	0.03422	0.02977	0.02993	5.41E-04	8.97E-06	7.62E-06	3.52E-07	3.33E-07	1.04E-07	1.05E-07	5.5876E-04
607378.7	4201943.65	13485.68095	0.02226	0.02261	3.30802	2.80509	0.03945	0.03877	2.30E-04	1.34E-07	1.38E-07	3.23E-05	2.73E-05	1.38E-07	1.35E-07	2.8975E-04
607380.97	4201882.31	14024.16371	0.02457	0.02499	4.1753	3.29048	0.0404	0.0397	2.39E-04	1.48E-07	1.52E-07	4.08E-05	3.20E-05	1.41E-07	1.39E-07	3.1214E-04
607381.54	4201910.71	13758.41466	0.02348	0.02387	3.56835	2.96232	0.0399	0.03921	2.35E-04	1.41E-07	1.46E-07	3.48E-05	2.88E-05	1.40E-07	1.37E-07	2.9848E-04
607381.85	4201948.62	13427.45939	0.02217	0.02252	3.06799	2.63148	0.03925	0.03858	2.29E-04	1.33E-07	1.37E-07	3.00E-05	2.56E-05	1.37E-07	1.35E-07	2.8472E-04
607381.85	4201998.62	13035.3446	0.02057	0.02087	2.52747	2.20146	0.03845	0.0378	2.22E-04	1.24E-07	1.27E-07	2.47E-05	2.14E-05	1.35E-07	1.32E-07	2.6856E-04
607381.85	4202048.62	12577.3632	0.01913	0.0194	2.22774	1.90158	0.03745	0.03682	2.14E-04	1.15E-07	1.18E-07	2.18E-05	1.85E-05	1.31E-07	1.29E-07	2.5489E-04
607381.85	4202098.62	12060.0732	0.01772	0.01795	1.93036	1.65636	0.03628	0.03567	2.06E-04	1.07E-07	1.09E-07	1.89E-05	1.61E-05	1.27E-07	1.25E-07	2.4076E-04
607381.85	4202148.62	11572.09843	0.0164	0.01659	1.68625	1.45184	0.03514	0.03455	1.97E-04	9.88E-08	1.01E-07	1.65E-05	1.41E-05	1.23E-07	1.21E-07	2.2805E-04
607381.85	4202348.62	10222.48874	0.01321	0.01334	0.91408	0.84017	0.0319	0.03141	1.74E-04	7.95E-08	8.14E-08	8.93E-06	8.17E-06	1.12E-07	1.10E-07	1.9152E-04
607381.85	4202398.62	9796.93735	0.01253	0.01265	0.73858	0.69343	0.03094	0.03046	1.67E-04	7.54E-08	7.72E-08	7.21E-06	6.74E-06	1.08E-07	1.06E-07	1.8112E-04
607381.85	4202448.62	9366.01915	0.01177	0.01187	0.60384	0.57435	0.02996	0.02952	1.60E-04	7.09E-08	7.24E-08	5.90E-06	5.59E-06	1.05E-07	1.03E-07	1.7129E-04
607381.85	4202498.62	8978.7384	0.01109	0.01118	0.51462	0.49327	0.02909	0.02867	1.53E-04	6.68E-08	6.82E-08	5.03E-06	4.80E-06	1.02E-07	1.00E-07	1.6302E-04
607381.85	4202548.62	8630.65975	0.01052	0.0106	0.45108	0.43505	0.02831	0.0279	1.47E-04	6.33E-08	6.47E-08	4.41E-06	4.23E-06	9.91E-08	9.75E-08	1.5589E-04
607400.85	4201861.3	14072.15879	0.02599	0.02647	2.93845	2.46245	0.0399	0.03922	2.40E-04	1.56E-07	1.61E-07	2.87E-05	2.39E-05	1.40E-07	1.37E-07	2.9285E-04
607402.25	4201797.62	14692.20116	0.02929	0.0299	3.58586	2.88625	0.04088	0.04018	2.50E-04	1.76E-07	1.82E-07	3.50E-05	2.81E-05	1.43E-07	1.40E-07	3.1390E-04
607402.82	4201762.98	15071.38464	0.03151	0.03221	4.22638	3.23134	0.04145	0.04073	2.57E-04	1.90E-07	1.96E-07	4.13E-05	3.14E-05	1.45E-07	1.42E-07	3.3001E-04
607405.41	4201505.03	18317.06863	0.06304	0.0657	4.17406	3.49824	0.0448	0.04408	3.12E-04	3.80E-07	4.01E-07	4.08E-05	3.40E-05	1.57E-07	1.54E-07	3.8781E-04
607410.62	4201477.67	18613.05131	0.07015	0.07343	3.07512	2.726	0.04474	0.04403	3.17E-04	4.22E-07	4.48E-07	3.00E-05	2.65E-05	1.57E-07	1.54E-07	3.7471E-04
607415.83	4201531.52	17807.69928	0.05885	0.06118	3.87238	3.19242	0.04405	0.04333	3.04E-04	3.54E-07	3.73E-07	3.78E-05	3.10E-05	1.54E-07	1.51E-07	3.7316E-04
607417.02	4201708.46	15562.34367	0.03628	0.03719	3.77283	2.94457	0.04168	0.04097	2.65E-04	2.18E-07	2.27E-07	3.68E-05	2.86E-05	1.46E-07	1.43E-07	3.3122E-04
607423.16	4200737.35	29458.54846	2.92747	2.23907	0.0341	0.03244	0.02905	0.02918	5.02E-04	1.76E-05	1.37E-05	3.33E-07	3.16E-07	1.02E-07	1.02E-07	5.3411E-04
607424.97	4201746.51	15049.62403	0.03356	0.03435	2.8234	2.32863	0.04072	0.04003	2.57E-04	2.02E-07	2.10E-07	2.76E-05	2.26E-05	1.43E-07	1.40E-07	3.0718E-04
607425.67	4201675.37	15859.09899	0.03977	0.04086	3.50822	2.78568	0.04177	0.04107	2.70E-04	2.39E-07	2.49E-07	3.43E-05	2.71E-05	1.46E-07	1.44E-07	3.3219E-04
607426.11	4201803.3	14426.10832	0.02974	0.03037	2.29462	1.97714	0.03974	0.03907	2.46E-04	1.79E-07	1.85E-07	2.24E-05	1.92E-05	1.39E-07	1.37E-07	2.8792E-04
607427.56	4201582.75	16980.25418	0.05127	0.05305	3.76845	3.08289	0.04292	0.04221	2.89E-04	3.09E-07	3.24E-07	3.68E-05	3.00E-05	1.50E-07	1.48E-07	3.5688E-04
607430.39	4201618.1	16479.93141	0.04652	0.048	3.54545	2.90402	0.0423	0.0416	2.81E-04	2.80E-07	2.93E-07	3.46E-05	2.82E-05	1.48E-07	1.45E-07	3.4437E-04
607431.85	4202348.62	10007.26026	0.01353	0.01368	0.68298	0.63872	0.03034	0.02988	1.71E-04	8.15E-08	8.34E-08	6.67E-06	6.21E-06	1.06E-07	1.04E-07	1.8364E-04
607431.85	4202398.62	9588.38606	0.01269	0.01282	0.57163	0.54161	0.02941	0.02897	1.63E-04	7.64E-08	7.82E-08	5.58E-06	5.27E-06	1.03E-07	1.01E-07	1.7446E-04
607431.85	4202448.62	9230.16153	0.012	0.01211	0.49071	0.46926	0.02863	0.02821	1.57E-04	7.23E-08	7.39E-08	4.79E-06	4.56E-06	1.00E-07	9.86E-08	1.6685E-04
607431.85	4202498.62	8876.11339	0.01134	0.01144	0.42627	0.41061	0.02787	0.02747	1.51E-04	6.83E-08	6.98E-08	4.16E-06	3.99E-06	9.76E-08	9.60E-08	1.5960E-04
607431.85	4202548.62	8544.88879	0.01076	0.01085	0.37419	0.36274	0.02716	0.02678	1.46E-04	6.48E-08	6.62E-08	3.65E-06	3.53E-06	9.51E-08	9.36E-08	1.5298E-04
607437.11	4201475.93	18216.89014	0.0744	0.07807	1.95903	1.79581	0.04345	0.04277	3.11E-04	4.48E-07	4.76E-07	1.91E-05	1.75E-05	1.52E-07	1.49E-07	3.4806E-04
607438.52	4201654.18	15951.9466	0.04269	0.04395	2.82622	2.3533	0.04144	0.04075	2.72E-04	2.57E-07	2.68E-07	2.76E-05	2.29E-05	1.45E-07	1.42E-07	3.2294E-04
607441.02	4201532.39	17442.35579	0.06136	0.06389	2.32098	2.06671	0.04281	0.04212	2.97E-04	3.69E-07	3.90E-07	2.27E-05	2.01E-05	1.50E-07	1.47E-07	3.4086E-04
607441.46	4201563.66	17049.40441	0.05553	0.05762	2.63662	2.29783	0.04248	0.04179	2.91E-04	3.34E-07	3.51E-07	2.57E-05	2.23E-05	1.49E-07	1.46E-07	3.3942E-04
607444.85	4201714.71	15196.33105	0.03698	0.03793	2.22327	1.89797	0.0403	0.03962	2.59E-04	2.23E-07	2.31E-07	2.17E-05	1.85E-05	1.41E-07	1.38E-07	2.9967E-04
607445.41	4201806.14	14236.25054	0.03021	0.03086	1.77088	1.57079	0.03888	0.03824	2.43E-04	1.82E-07	1.88E-07	1.73E-05	1.53E-05	1.36E-07	1.34E-07	2.7562E-04
607450.52	4201749.92	14765.44367	0.03432	0.03514	1.90401	1.65828	0.03953	0.03887	2.52E-04	2.07E-07	2.14E-07	1.86E-05	1.61E-05	1.38E-07	1.36E-07	2.8685E-04
607455.14	4201620.93	16133.03518	0.04783	0.04938	2.18495	1.90731	0.04107	0.0404	2.75E-04	2.88E-07	3.01E-07	2.13E-05	1.86E-05	1.44E-07	1.41E-07	3.1549E-04
607455.35	4201475.06	17944.71258	0.07718	0.0811	1.55344	1.44277	0.04259	0.04193	3.06E-04	4.65E-07	4.95E-07	1.52E-05	1.40E-05	1.49E-07	1.47E-07	3.3606E-04
607459.04	4201719.25	15003.70723	0.03723	0.03819	1.82292	1.59413	0.0396	0.03895	2.56E-04	2.24E-07	2.33E-07	1.78E-05	1.55E-05	1.39E-07	1.36E-07	2.8953E-04
607461	4201530.65	17188.73608	0.06382	0.06655	1.7342	1.58702	0.04189	0.04123	2.93E-04	3.84E-07	4.06E-07	1.69E-05	1.54E-05	1.47E-07	1.44E-07	3.2617E-04
607462.74	4201564.09	16768.31572	0.05739	0.05961	1.88848	1.69476	0.04149	0.04082	2.86E-04	3.46E-07	3.64E-07	1.84E-05	1.65E-05	1.45E-07	1.43E-07	3.2148E-04
607463.02	4201659.05	15608.27688	0.04354	0.04483	1.89894	1.66353	0.04023	0.03957	2.66E-04	2.62E-07	2.73E-07	1.85E-05	1.62E-05	1.41E-07	1.38E-07	3.0133E-04
607469.83	4201761.27	14467.67711	0.03421	0.03503	1.48947	1.33332	0.03854	0.03791	2.47E-04	2.06E-07	2.14E-07	1.45E-05	1.30E-05	1.35E-07	1.32E-07	2.7456E-04
607471.54	4201807.84	14000.94001	0.03098	0.03166	1.34391	1.22185	0.0378	0.03718	2.39E-04	1.87E-07	1.93E-07	1.31E-05	1.19E-05	1.32E-07	1.30E-07	2.6406E-04
607473.47	4201205.35	20954.83687	0.35948	0.41811	0.92055	0.82778	0.04135	0.0409	3.57E-04	2.16E-06	2.55E-06	8.99E-06	8.05E-06	1.45E-07	1.43E-07	3.7897E-04
607474.9	4201475.93	17637.13119	0.07944	0.08358	1.26874	1.18998	0.04168	0.04104	3.01E-04	4.78E-07	5.10E-07	1.24E-05	1.16E-05	1.46E-07	1.43E-07	3.2561E-04
607475.65	4201620.23	15896.06562	0.04934	0.05099	1.6502	1.48013	0.04015	0.0395	2.71E-04	2.97E-07	3.11E-07	1.61E-05	1.44E-05	1.41E-07	1.38E-07	3.0210E-04
607478.35	4201723.23	14772.00555	0.03777	0.03876	1.45802	1.30447	0.03872	0.03809	2.52E-04	2.27E-07	2.36E-07	1.42E-05	1.27E-05	1.36E-07	1.33E-07	2.7920E-04
607481.85	4202348.62	9827.47323	0.01383	0.01397	0.53687	0.50762	0.02897	0.02855	1.68E-04	8.33E-08	8.52E-08	5.24E-06	4.94E-06	1.01E-07	9.98E-08	1.7788E-04
607481.85	4202398.62	9434.65086	0.01296	0.01309	0.46405	0.44251	0.02812	0.02771	1.61E-04	7.80E-08	7.98E-08	4.53E-06	4.30E-06	9.85E-08	9.68E-08	1.6982E-04
607481.85	4202448.62	9091.16891	0.01223	0.01234	0.40605	0.39012	0.02739	0.027	1.55E-04	7.36E-08	7.53E-08	3.97E-06	3.79E-06	9.59E-08	9.44E-08	1.6288E-04
607481.85	4202498.62	8766.08908	0.01158	0.01168	0.35797	0.34618	0.02672	0.02634	1.49E-04	6.97E-08	7.12E-08	3.50E-06	3.37E-06	9.36E-08	9.20E-08	1.5644E-04
607481.85	4202548.62	8453.69761	0.01099	0.01108	0.31586	0.3073	0.02607	0.02572	1.44E-04	6.62E-08	6.76E-08	3.08E-06	2.99E-06	9.13E-08	8.99E-08	1.5032E-04
607482.45	4201664.05	15337.68074	0.04407	0.0454	1.49578	1.34074	0.03931	0.03867	2.61E-04	2.65E-07	2.77E-07	1.46E-05	1.30E-05	1.38E-07	1.35E-07	2.8965E-04
607482.71	4201528.05	16923.45761	0.06661	0.06957	1.34591	1.25231	0.04094	0.04029	2.88E-04	4.01E-07	4.24E-07	1.31E-05	1.22E-05	1.43E-07	1.41E-07	3.1464E-04
607483.15	4201562.79	16523.59446	0.05944	0.06182	1.45992	1.33656	0.04059	0.03995	2.82E-04	3.58E-07	3.77E-07	1.43E-05	1.30E-05	1.42E-07	1.40E-07	3.0967E-04
607493.12	4201817.49	13745.30888	0.03114	0.03182	1.10263	1.0183	0.03684	0.03625	2.34E-04	1.88E-07	1.94E-07	1.08E-05	9.90E-06	1.29E-07	1.27E-07	2.5537E-04
607496.96	4201155.79	21079.51954	0.49414	0.57844	0.67074	0.59536	0.03985	0.03946	3.59E-04	2.98E-06	3.53E-06	6.55E-06	5.79E-06	1.40E-07	1.38E-07	3.7818E-04
607496.96	4201172.31	20860.75617	0.4381	0.50989	0.69995	0.62616	0.04007	0.03966	3.56E-04	2.64E-06	3.11E-06	6.84E-06	6.09E-06	1.40E-07	1.39E-07	3.7428E-04
607496.96	4201188.83	20645.65943	0.38865	0.44945	0.72503	0.65351	0.04027	0.03984	3.52E-04	2.34E-06	2.74E-06	7.08E-06	6.36E-06	1.41E-07	1.39E-07	3.7046E-04
607496.96	4201205.35	20434.63793	0.34531	0.39653	0.74639	0.67761	0.04044	0.04	3.48E-04	2.08E-06	2.42E-06	7.29E-06	6.59E-06	1.42E-07	1.40E-07	3.6672E-04
607496.96	4201221.87	20227.05662	0.30757	0.35055	0.76459	0.69872	0.0406	0.04014	3.45E-04	1.85E-06	2.14E-06	7.47E-06	6.80E-06	1.42E-07	1.40E-07	3.6306E-04
607498.23	4201770.36	14123.59009	0.03464	0.03547	1.13003	1.03615	0.03727	0.03667	2.41E-04	2.09E-07	2.16E-07	1.10E-05	1.01E-05	1.30E-07	1.28E-07	2.6230E-04
607498.79	4201747.08	14340.10759	0.03657	0.0375	1.16196	1.06117	0.03756	0.03696	2.44E-04	2.20E-07	2.29E-07	1.13E-05	1.03E-05	1.32E-07	1.29E-07	2.6657E-04
607499.22	4201472.89	17309.34888	0.08322	0.0877	1.01672	0.96236	0.04063	0.04001	2.95E-04	5.01E-07	5.35E-07	9.93E-06	9.36E-06	1.42E-07	1.40E-07	3.1539E-04
607502.35	4201677.74	14987.72108	0.04362	0.04493	1.2158	1.10683	0.03831	0.03769	2.55E-04	2.63E-07	2.74E-07	1.19E-05	1.08E-05	1.34E-07	1.32E-07	2.7867E-04
607506.75	4201731.18	14424.15287	0.03837	0.03938	1.11135	1.01767	0.03746	0.03686	2.46E-04	2.31E-07	2.40E-07	1.09E-05	9.90E-06	1.31E-07	1.29E-07	2.6711E-04
607507.9	4201522.4	16647.34427	0.07034	0.0736	1.05256	0.99136	0.03989	0.03927	2.84E-04	4.24E-07	4.49E-07	1.03E-05	9.64E-06	1.40E-07	1.37E-07	3.0458E-04
607509.64	4201539.77	16437.62797	0.06649	0.06941	1.07456	1.0071	0.03966	0.03905	2.80E-04	4.00E-07	4.23E-07	1.05E-05	9.79E-06	1.39E-07	1.36E-07	3.0132E-04
607510.51	4201563.23	16175.27396	0.06168	0.0642	1.11004	1.03317	0.03941	0.03879	2.76E-04	3.71E-07	3.92E-07	1.08E-05	1.00E-05	1.38E-07	1.36E-07	2.9739E-04
607517.46	4201473.76	17034.00661	0.08478	0.08937	0.88571	0.84227	0.03984	0.03924	2.90E-04	5.10E-07	5.45E-07	8.65E-06	8.19E-06	1.39E-07	1.37E-07	3.0827E-04
607518.78	4201606.08	15565.02106	0.0546	0.05659	1.06714	0.98983	0.0385	0.0379	2.65E-04	3.29E-07	3.45E-07	1.04E-05	9.63E-06	1.35E-07	1.32E-07	2.8606E-04
607520.45	4201073.19	21649.05655	0.76502	0.88343	0.38852	0.33828	0.0377	0.03741	3.69E-04	4.61E-06	5.39E-06	3.79E-06	3.29E-06	1.32E-07	1.31E-07	3.8613E-04
607520.45	4201089.71	21424.34453	0.6925	0.80196	0.4284	0.37487	0.03801	0.0377	3.65E-04	4.17E-06	4.89E-06	4.18E-06	3.65E-06	1.33E-07	1.32E-07	3.8211E-04
607520.45	4201106.23	21202.10575	0.62457	0.72371	0.46554	0.40986	0.03829	0.03796	3.61E-04	3.76E-06	4.41E-06	4.55E-06	3.99E-06	1.34E-07	1.33E-07	3.7814E-04
607520.45	4201122.75	20982.67899	0.56204	0.65031	0.49929	0.44258	0.03856	0.03821	3.58E-04	3.38E-06	3.97E-06	4.88E-06	4.30E-06	1.35E-07	1.34E-07	3.7422E-04
607520.45	4201155.79	20553.58536	0.454	0.5219	0.5566	0.50017	0.03902	0.03864	3.50E-04	2.73E-06	3.18E-06	5.44E-06	4.86E-06	1.37E-07	1.35E-07	3.6659E-04
607520.45	4201172.31	20344.21043	0.40796	0.46708	0.58068	0.52516	0.03922	0.03882	3.47E-04	2.46E-06	2.85E-06	5.67E-06	5.11E-06	1.37E-07	1.36E-07	3.6289E-04
607520.45	4201188.83	20138.48428	0.36667	0.41795	0.60204	0.54779	0.0394	0.03898	3.43E-04	2.21E-06	2.55E-06	5.88E-06	5.33E-06	1.38E-07	1.36E-07	3.5926E-04
607520.45	4201205.35	19936.62337	0.32976	0.37404	0.62088	0.5682	0.03956	0.03913	3.40E-04	1.99E-06	2.28E-06	6.06E-06	5.53E-06	1.39E-07	1.37E-07	3.5571E-04
607520.45	4201221.87	19738.00495	0.29694	0.33501	0.63746	0.58651	0.0397	0.03925	3.36E-04	1.79E-06	2.04E-06	6.23E-06	5.70E-06	1.39E-07	1.37E-07	3.5223E-04
607523.01	4201691.84	14638.82318	0.04313	0.0444	1.00933	0.93066	0.0373	0.03671	2.50E-04	2.60E-07	2.71E-07	9.86E-06	9.05E-06	1.31E-07	1.28E-07	2.6898E-04
607531.85	4202348.62	9661.43999	0.01419	0.01434	0.43667	0.41628	0.02774	0.02734	1.65E-04	8.54E-08	8.75E-08	4.26E-06	4.05E-06	9.71E-08	9.55E-08	1.7318E-04
607531.85	4202398.62	9288.24223	0.01329	0.01341	0.38549	0.36979	0.02694	0.02656	1.58E-04	8.00E-08	8.18E-08	3.76E-06	3.60E-06	9.43E-08	9.28E-08	1.6586E-04
607531.85	4202448.62	8943.20362	0.01248	0.01259	0.34038	0.32854	0.02622	0.02586	1.52E-04	7.51E-08	7.68E-08	3.32E-06	3.20E-06	9.18E-08	9.04E-08	1.5912E-04
607531.85	4202498.62	8649.22602	0.01184	0.01194	0.3042	0.29522	0.02563	0.02528	1.47E-04	7.13E-08	7.28E-08	2.97E-06	2.87E-06	8.97E-08	8.83E-08	1.5343E-04
607531.85	4202548.62	8353.7951	0.01123	0.01133	0.27017	0.26359	0.02504	0.02471	1.42E-04	6.76E-08	6.91E-08	2.64E-06	2.56E-06	8.77E-08	8.64E-08	1.4774E-04
607535.76	4201644.98	14959.17594	0.04965	0.05131	0.93067	0.86536	0.03734	0.03675	2.55E-04	2.99E-07	3.13E-07	9.09E-06	8.42E-06	1.31E-07	1.28E-07	2.7312E-04
607540.71	4201675.39	14615.00158	0.04596	0.04739	0.88984	0.82763	0.0368	0.03622	2.49E-04	2.77E-07	2.89E-07	8.69E-06	8.05E-06	1.29E-07	1.27E-07	2.6644E-04
607541.39	4201808.98	13462.34688	0.03357	0.03435	0.80291	0.75331	0.03524	0.03469	2.29E-04	2.02E-07	2.10E-07	7.84E-06	7.33E-06	1.23E-07	1.21E-07	2.4507E-04
607543.94	4201073.19	21097.15181	0.67309	0.7646	0.3396	0.29995	0.037	0.03671	3.60E-04	4.05E-06	4.66E-06	3.32E-06	2.92E-06	1.30E-07	1.28E-07	3.7459E-04
607543.94	4201089.71	20882.95637	0.61434	0.69934	0.37052	0.32873	0.03728	0.03697	3.56E-04	3.70E-06	4.27E-06	3.62E-06	3.20E-06	1.31E-07	1.29E-07	3.7077E-04
607543.94	4201106.23	20670.8446	0.55925	0.63694	0.39954	0.35637	0.03754	0.03722	3.52E-04	3.37E-06	3.89E-06	3.90E-06	3.47E-06	1.31E-07	1.30E-07	3.6699E-04
607543.94	4201122.75	20461.32099	0.50827	0.57831	0.42625	0.3824	0.03779	0.03744	3.49E-04	3.06E-06	3.53E-06	4.16E-06	3.72E-06	1.32E-07	1.31E-07	3.6327E-04
607543.94	4201172.31	19850.20379	0.38057	0.42965	0.49259	0.44952	0.0384	0.03801	3.38E-04	2.29E-06	2.62E-06	4.81E-06	4.37E-06	1.34E-07	1.33E-07	3.5248E-04
607546.5	4201792.51	13564.09562	0.03502	0.03586	0.79256	0.74321	0.03527	0.03472	2.31E-04	2.11E-07	2.19E-07	7.74E-06	7.23E-06	1.23E-07	1.21E-07	2.4662E-04
607553.31	4201751.62	13845.9221	0.0387	0.03972	0.785	0.73526	0.03551	0.03496	2.36E-04	2.33E-07	2.42E-07	7.67E-06	7.15E-06	1.24E-07	1.22E-07	2.5132E-04
607553.44	4201659.83	14632.61756	0.04862	0.0502	0.8176	0.76473	0.03649	0.03592	2.49E-04	2.93E-07	3.06E-07	7.98E-06	7.44E-06	1.28E-07	1.26E-07	2.6546E-04
607558.28	4201479.41	16404.93888	0.08617	0.09072	0.68349	0.65433	0.03815	0.03758	2.80E-04	5.19E-07	5.53E-07	6.67E-06	6.36E-06	1.34E-07	1.31E-07	2.9376E-04
607563.06	4201541.51	15751.19408	0.07007	0.0732	0.72709	0.69079	0.03749	0.03693	2.69E-04	4.22E-07	4.47E-07	7.10E-06	6.72E-06	1.31E-07	1.29E-07	2.8319E-04
607563.93	4201561.49	15544.28077	0.06587	0.06866	0.73819	0.69986	0.03727	0.03671	2.65E-04	3.97E-07	4.19E-07	7.21E-06	6.81E-06	1.30E-07	1.28E-07	2.7981E-04
607564.36	4201522.4	15913.87511	0.07468	0.07819	0.70263	0.66988	0.0376	0.03703	2.71E-04	4.50E-07	4.77E-07	6.86E-06	6.52E-06	1.32E-07	1.29E-07	2.8558E-04
607566.53	4201581.9	15287.28108	0.06207	0.06455	0.73937	0.69984	0.03692	0.03636	2.61E-04	3.74E-07	3.94E-07	7.22E-06	6.81E-06	1.29E-07	1.27E-07	2.7539E-04
607567.43	4201073.19	20569.73346	0.60098	0.67345	0.3009	0.26892	0.0363	0.03602	3.51E-04	3.62E-06	4.11E-06	2.94E-06	2.62E-06	1.27E-07	1.26E-07	3.6393E-04
607567.43	4201089.71	20365.27698	0.55221	0.6198	0.32552	0.2921	0.03657	0.03626	3.47E-04	3.33E-06	3.78E-06	3.18E-06	2.84E-06	1.28E-07	1.27E-07	3.6029E-04
607567.43	4201106.23	20162.75963	0.50643	0.56867	0.34878	0.31443	0.03681	0.03649	3.44E-04	3.05E-06	3.47E-06	3.41E-06	3.06E-06	1.29E-07	1.28E-07	3.5669E-04
607567.43	4201122.75	19962.30909	0.46389	0.52056	0.37041	0.33561	0.03704	0.0367	3.40E-04	2.79E-06	3.18E-06	3.62E-06	3.26E-06	1.30E-07	1.28E-07	3.5314E-04
607571.31	4201602.75	15000.37198	0.0584	0.06061	0.72424	0.68474	0.03646	0.03591	2.56E-04	3.52E-07	3.70E-07	7.07E-06	6.66E-06	1.28E-07	1.25E-07	2.7016E-04
607571.44	4201713.55	13991.26805	0.04318	0.04443	0.71677	0.67428	0.03525	0.03471	2.39E-04	2.60E-07	2.71E-07	7.00E-06	6.56E-06	1.23E-07	1.21E-07	2.5260E-04
607574.23	4201809.28	13243.09319	0.03488	0.03571	0.66869	0.63408	0.03419	0.03367	2.26E-04	2.10E-07	2.18E-07	6.53E-06	6.17E-06	1.20E-07	1.18E-07	2.3888E-04
607577.16	4201791.94	13368.59213	0.03636	0.03726	0.66812	0.63306	0.03431	0.03379	2.28E-04	2.19E-07	2.27E-07	6.52E-06	6.16E-06	1.20E-07	1.18E-07	2.4102E-04
607579.99	4201477.67	16126.95159	0.08792	0.09254	0.60168	0.57752	0.03732	0.03677	2.75E-04	5.29E-07	5.64E-07	5.88E-06	5.62E-06	1.31E-07	1.28E-07	2.8750E-04
607581.63	4201694.49	14048.77148	0.04571	0.0471	0.67825	0.6397	0.03508	0.03454	2.39E-04	2.75E-07	2.87E-07	6.62E-06	6.22E-06	1.23E-07	1.21E-07	2.5289E-04
607581.85	4202348.62	9486.80852	0.01461	0.01475	0.36314	0.34846	0.02657	0.0262	1.62E-04	8.80E-08	9.00E-08	3.55E-06	3.39E-06	9.30E-08	9.16E-08	1.6883E-04
607581.85	4202398.62	9136.15288	0.01366	0.01378	0.32522	0.31357	0.02583	0.02547	1.56E-04	8.23E-08	8.41E-08	3.18E-06	3.05E-06	9.04E-08	8.90E-08	1.6213E-04
607581.85	4202448.62	8818.11662	0.01284	0.01295	0.29135	0.2823	0.02517	0.02484	1.50E-04	7.73E-08	7.90E-08	2.85E-06	2.75E-06	8.81E-08	8.68E-08	1.5607E-04
607581.85	4202498.62	8530.16826	0.01214	0.01224	0.26168	0.25474	0.02461	0.02428	1.45E-04	7.31E-08	7.47E-08	2.56E-06	2.48E-06	8.62E-08	8.48E-08	1.5059E-04
607581.85	4202548.62	8248.35332	0.0115	0.0116	0.23392	0.22878	0.02406	0.02375	1.41E-04	6.92E-08	7.08E-08	2.28E-06	2.23E-06	8.42E-08	8.30E-08	1.4526E-04
607583.98	4201765.25	13536.43259	0.03892	0.03994	0.65778	0.62226	0.03441	0.03388	2.31E-04	2.34E-07	2.44E-07	6.42E-06	6.05E-06	1.20E-07	1.18E-07	2.4371E-04
607584.55	4201620.93	14677.22018	0.05599	0.05801	0.6709	0.63503	0.03576	0.03522	2.50E-04	3.37E-07	3.54E-07	6.55E-06	6.18E-06	1.25E-07	1.23E-07	2.6362E-04
607588.25	4201535.86	15495.53744	0.0728	0.07608	0.62055	0.59248	0.03658	0.03604	2.64E-04	4.38E-07	4.64E-07	6.06E-06	5.76E-06	1.28E-07	1.26E-07	2.7687E-04
607590.92	4201023.63	20655.07771	0.68027	0.74702	0.20654	0.18506	0.03479	0.03455	3.52E-04	4.10E-06	4.56E-06	2.02E-06	1.80E-06	1.22E-07	1.21E-07	3.6457E-04
607590.92	4201040.15	20458.09705	0.63248	0.69706	0.22768	0.20435	0.03508	0.03483	3.49E-04	3.81E-06	4.25E-06	2.22E-06	1.99E-06	1.23E-07	1.22E-07	3.6102E-04
607590.92	4201056.67	20261.37319	0.5867	0.6485	0.24883	0.22388	0.03536	0.0351	3.45E-04	3.53E-06	3.96E-06	2.43E-06	2.18E-06	1.24E-07	1.23E-07	3.5749E-04
607590.92	4201073.19	20065.24471	0.54305	0.60156	0.26959	0.24332	0.03563	0.03534	3.42E-04	3.27E-06	3.67E-06	2.63E-06	2.37E-06	1.25E-07	1.23E-07	3.5399E-04
607590.92	4201089.71	19870.08284	0.50174	0.55652	0.28963	0.26237	0.03587	0.03557	3.39E-04	3.02E-06	3.39E-06	2.83E-06	2.55E-06	1.26E-07	1.24E-07	3.5052E-04
607590.92	4201106.23	19676.35401	0.46294	0.5137	0.30867	0.28076	0.0361	0.03578	3.35E-04	2.79E-06	3.13E-06	3.01E-06	2.73E-06	1.26E-07	1.25E-07	3.4709E-04
607590.92	4201122.75	19483.85197	0.42678	0.47335	0.32651	0.29829	0.03631	0.03597	3.32E-04	2.57E-06	2.89E-06	3.19E-06	2.90E-06	1.27E-07	1.26E-07	3.4368E-04
607597.59	4201692.32	13924.66944	0.04671	0.04814	0.62107	0.58815	0.03455	0.03403	2.37E-04	2.81E-07	2.94E-07	6.07E-06	5.72E-06	1.21E-07	1.19E-07	2.4973E-04
607598.67	4201478.97	15867.11373	0.08831	0.09287	0.54574	0.52473	0.03661	0.03608	2.70E-04	5.32E-07	5.67E-07	5.33E-06	5.10E-06	1.28E-07	1.26E-07	2.8201E-04
607600.11	4201587.7	14844.05867	0.06272	0.06518	0.60704	0.57822	0.03559	0.03506	2.53E-04	3.78E-07	3.98E-07	5.93E-06	5.62E-06	1.25E-07	1.23E-07	2.6537E-04

607607.03	4201729.35	13643.63353	0.04335	0.04458	0.59427	0.5644	0.03405	0.03354	2.33E-04	2.61E-07	2.72E-07	5.80E-06	5.49E-06	1.19E-07	1.17E-07	2.4441E-04
607607.79	4201535.43	15265.07485	0.0738	0.07708	0.55754	0.53371	0.03587	0.03535	2.60E-04	4.44E-07	4.70E-07	5.44E-06	5.19E-06	1.26E-07	1.24E-07	2.7177E-04
607610.72	4201606.08	14541.99654	0.05974	0.06198	0.57699	0.54977	0.03499	0.03447	2.48E-04	3.60E-07	3.78E-07	5.63E-06	5.35E-06	1.23E-07	1.20E-07	2.5961E-04
607614.41	4201023.63	20144.20557	0.61434	0.66899	0.19146	0.173	0.03418	0.03394	3.43E-04	3.70E-06	4.08E-06	1.87E-06	1.68E-06	1.20E-07	1.19E-07	3.5473E-04
607614.41	4201040.15	19955.87823	0.57282	0.62566	0.20905	0.18925	0.03446	0.03421	3.40E-04	3.45E-06	3.82E-06	2.04E-06	1.84E-06	1.21E-07	1.20E-07	3.5133E-04
607614.41	4201056.67	19768.30098	0.53321	0.5838	0.22657	0.20561	0.03472	0.03445	3.37E-04	3.21E-06	3.56E-06	2.21E-06	2.00E-06	1.22E-07	1.20E-07	3.4797E-04
607614.41	4201073.19	19581.10139	0.49558	0.54357	0.24375	0.22184	0.03497	0.03468	3.34E-04	2.98E-06	3.32E-06	2.38E-06	2.16E-06	1.22E-07	1.21E-07	3.4463E-04
607614.41	4201089.71	19394.40461	0.46001	0.50511	0.26035	0.23775	0.03519	0.03489	3.31E-04	2.77E-06	3.08E-06	2.54E-06	2.31E-06	1.23E-07	1.22E-07	3.4132E-04
607614.41	4201106.23	19209.2604	0.42657	0.46859	0.27621	0.25315	0.0354	0.03509	3.27E-04	2.57E-06	2.86E-06	2.70E-06	2.46E-06	1.24E-07	1.23E-07	3.3804E-04
607615.67	4201566.48	14896.07673	0.06754	0.07031	0.54952	0.52576	0.03531	0.03479	2.54E-04	4.07E-07	4.29E-07	5.37E-06	5.11E-06	1.24E-07	1.22E-07	2.6525E-04
607618.06	4201676.37	13865.7466	0.04953	0.05111	0.55898	0.53174	0.03402	0.03351	2.36E-04	2.98E-07	3.12E-07	5.46E-06	5.17E-06	1.19E-07	1.17E-07	2.4761E-04
607620.62	4201625.88	14256.62321	0.05679	0.05882	0.54991	0.52417	0.03443	0.03392	2.43E-04	3.42E-07	3.59E-07	5.37E-06	5.10E-06	1.21E-07	1.19E-07	2.5420E-04
607623.86	4201478.54	15544.28673	0.08914	0.09364	0.48182	0.46411	0.0357	0.03519	2.65E-04	5.37E-07	5.71E-07	4.71E-06	4.51E-06	1.25E-07	1.23E-07	2.7531E-04
607628.27	4201709.56	13608.7644	0.04634	0.04773	0.53706	0.51165	0.03354	0.03305	2.32E-04	2.79E-07	2.91E-07	5.24E-06	4.98E-06	1.17E-07	1.15E-07	2.4278E-04
607631.24	4201526.31	15064.06802	0.07672	0.08015	0.49112	0.47174	0.03511	0.03461	2.57E-04	4.62E-07	4.89E-07	4.80E-06	4.59E-06	1.23E-07	1.21E-07	2.6713E-04
607631.85	4202348.62	9308.43381	0.01504	0.0152	0.3072	0.29627	0.02547	0.02512	1.59E-04	9.06E-08	9.27E-08	3.00E-06	2.88E-06	8.92E-08	8.78E-08	1.6474E-04
607631.85	4202398.62	8971.49696	0.01403	0.01417	0.2774	0.26861	0.02477	0.02444	1.53E-04	8.45E-08	8.64E-08	2.71E-06	2.61E-06	8.67E-08	8.54E-08	1.5843E-04
607631.85	4202448.62	8691.43455	0.01322	0.01334	0.2521	0.24508	0.0242	0.02388	1.48E-04	7.96E-08	8.14E-08	2.46E-06	2.38E-06	8.47E-08	8.35E-08	1.5317E-04
607631.85	4202498.62	8414.556	0.01247	0.01258	0.22784	0.2224	0.02366	0.02336	1.43E-04	7.51E-08	7.67E-08	2.23E-06	2.16E-06	8.28E-08	8.16E-08	1.4798E-04
607631.85	4202548.62	8145.14927	0.0118	0.0119	0.20493	0.20085	0.02316	0.02286	1.39E-04	7.11E-08	7.26E-08	2.00E-06	1.95E-06	8.11E-08	7.99E-08	1.4295E-04
607636.96	4201667.56	13772.82046	0.05147	0.05315	0.5105	0.48735	0.0335	0.03301	2.35E-04	3.10E-07	3.24E-07	4.99E-06	4.74E-06	1.17E-07	1.15E-07	2.4514E-04
607637.9	4201023.63	19654.64336	0.5602	0.60543	0.17813	0.16215	0.03358	0.03335	3.35E-04	3.37E-06	3.69E-06	1.74E-06	1.58E-06	1.18E-07	1.17E-07	3.4543E-04
607637.9	4201040.15	19476.12262	0.5237	0.5674	0.19297	0.176	0.03384	0.0336	3.32E-04	3.15E-06	3.46E-06	1.88E-06	1.71E-06	1.18E-07	1.17E-07	3.4222E-04
607637.9	4201056.67	19296.05512	0.489	0.53089	0.20769	0.18988	0.03409	0.03382	3.29E-04	2.94E-06	3.24E-06	2.03E-06	1.85E-06	1.19E-07	1.18E-07	3.3899E-04
607637.9	4201073.19	19117.19719	0.45612	0.49593	0.22212	0.20363	0.03432	0.03404	3.26E-04	2.75E-06	3.03E-06	2.17E-06	1.98E-06	1.20E-07	1.19E-07	3.3581E-04
607637.9	4201089.71	18939.1568	0.42503	0.46259	0.2361	0.2171	0.03453	0.03423	3.23E-04	2.56E-06	2.82E-06	2.31E-06	2.11E-06	1.21E-07	1.20E-07	3.3265E-04
607637.9	4201106.23	18761.84796	0.3958	0.43097	0.24951	0.23017	0.03472	0.03441	3.20E-04	2.38E-06	2.63E-06	2.44E-06	2.24E-06	1.22E-07	1.20E-07	3.2952E-04
607638.19	4201499.38	15197.39674	0.08359	0.08755	0.46192	0.44486	0.03506	0.03456	2.59E-04	5.03E-07	5.34E-07	4.51E-06	4.33E-06	1.23E-07	1.21E-07	2.6894E-04
607646.08	4201557.29	14643.89973	0.07035	0.07325	0.47058	0.45187	0.03436	0.03387	2.50E-04	4.24E-07	4.47E-07	4.60E-06	4.39E-06	1.20E-07	1.18E-07	2.5949E-04
607647.58	4201700.87	13520.08443	0.04802	0.04949	0.4909	0.46965	0.03304	0.03255	2.30E-04	2.89E-07	3.02E-07	4.79E-06	4.57E-06	1.16E-07	1.14E-07	2.4043E-04
607655.79	4201662.74	13653.5154	0.05286	0.0546	0.46878	0.44882	0.03298	0.0325	2.33E-04	3.18E-07	3.33E-07	4.58E-06	4.37E-06	1.15E-07	1.14E-07	2.4234E-04
607661.39	4201023.63	19186.41066	0.51503	0.55279	0.16628	0.15237	0.033	0.03277	3.27E-04	3.10E-06	3.37E-06	1.62E-06	1.48E-06	1.16E-07	1.15E-07	3.3665E-04
607661.39	4201040.15	19015.56452	0.48261	0.5191	0.17894	0.1643	0.03324	0.033	3.24E-04	2.91E-06	3.17E-06	1.75E-06	1.60E-06	1.16E-07	1.15E-07	3.3357E-04
607661.39	4201056.67	18844.9354	0.45185	0.48688	0.19147	0.17621	0.03347	0.03321	3.21E-04	2.72E-06	2.97E-06	1.87E-06	1.71E-06	1.17E-07	1.16E-07	3.3052E-04
607661.39	4201073.19	18673.36844	0.42275	0.45612	0.20377	0.18799	0.03369	0.03341	3.18E-04	2.55E-06	2.78E-06	1.99E-06	1.83E-06	1.18E-07	1.17E-07	3.2747E-04
607661.39	4201089.71	18502.21939	0.39528	0.42686	0.21569	0.19955	0.03388	0.03359	3.15E-04	2.38E-06	2.60E-06	2.11E-06	1.94E-06	1.19E-07	1.17E-07	3.2443E-04
607661.39	4201106.23	18332.30593	0.36942	0.39912	0.22717	0.21079	0.03406	0.03375	3.13E-04	2.22E-06	2.43E-06	2.22E-06	2.05E-06	1.19E-07	1.18E-07	3.2143E-04
607664.96	4201692.67	13432.45175	0.04954	0.05108	0.45433	0.43576	0.03258	0.03211	2.29E-04	2.98E-07	3.12E-07	4.44E-06	4.24E-06	1.14E-07	1.12E-07	2.3827E-04
607665.17	4201577.8	14234.25086	0.06681	0.06941	0.43833	0.42143	0.03348	0.033	2.43E-04	4.02E-07	4.23E-07	4.28E-06	4.10E-06	1.17E-07	1.15E-07	2.5185E-04
607665.17	4201609.62	13953.03496	0.06096	0.06317	0.44384	0.42607	0.03313	0.03266	2.38E-04	3.67E-07	3.85E-07	4.33E-06	4.14E-06	1.16E-07	1.14E-07	2.4709E-04
607672.95	4201521.22	14619.98649	0.07863	0.08205	0.4055	0.39103	0.03374	0.03327	2.49E-04	4.73E-07	5.01E-07	3.96E-06	3.80E-06	1.18E-07	1.16E-07	2.5796E-04
607675.07	4201495.76	14783.56622	0.08486	0.08874	0.39217	0.37866	0.03384	0.03337	2.52E-04	5.11E-07	5.41E-07	3.83E-06	3.68E-06	1.18E-07	1.17E-07	2.6058E-04
607675.1	4201657.91	13525.15566	0.05414	0.05592	0.4314	0.41412	0.03244	0.03198	2.31E-04	3.26E-07	3.41E-07	4.21E-06	4.03E-06	1.14E-07	1.12E-07	2.3947E-04
607681.85	4202348.62	9143.73827	0.01551	0.01568	0.26397	0.25567	0.02447	0.02415	1.56E-04	9.34E-08	9.56E-08	2.58E-06	2.49E-06	8.57E-08	8.44E-08	1.6113E-04
607681.85	4202398.62	8839.12508	0.01448	0.01463	0.24119	0.23434	0.02384	0.02353	1.51E-04	8.72E-08	8.92E-08	2.36E-06	2.28E-06	8.35E-08	8.22E-08	1.5549E-04
607681.85	4202448.62	8566.27377	0.01361	0.01374	0.22033	0.21481	0.02329	0.02299	1.46E-04	8.20E-08	8.38E-08	2.15E-06	2.09E-06	8.15E-08	8.03E-08	1.5043E-04
607681.85	4202498.62	8301.94425	0.01282	0.01294	0.20037	0.19603	0.02278	0.0225	1.42E-04	7.72E-08	7.89E-08	1.96E-06	1.91E-06	7.98E-08	7.86E-08	1.4554E-04
607681.85	4202548.62	8043.38535	0.01211	0.01222	0.18128	0.17798	0.02231	0.02203	1.37E-04	7.29E-08	7.45E-08	1.77E-06	1.73E-06	7.81E-08	7.70E-08	1.4076E-04
607682.14	4201602.55	13841.66935	0.06253	0.06481	0.41174	0.3961	0.03267	0.0322	2.36E-04	3.77E-07	3.95E-07	4.02E-06	3.85E-06	1.14E-07	1.13E-07	2.4460E-04
607684.88	4201023.63	18737.6168	0.47667	0.50845	0.15574	0.14356	0.03243	0.0322	3.19E-04	2.87E-06	3.10E-06	1.52E-06	1.40E-06	1.14E-07	1.13E-07	3.2831E-04
607684.88	4201040.15	18575.06421	0.4476	0.47835	0.16666	0.15391	0.03266	0.03241	3.17E-04	2.70E-06	2.92E-06	1.63E-06	1.50E-06	1.14E-07	1.13E-07	3.2538E-04
607684.88	4201056.67	18410.82404	0.4201	0.44965	0.17745	0.16424	0.03287	0.03261	3.14E-04	2.53E-06	2.74E-06	1.73E-06	1.60E-06	1.15E-07	1.14E-07	3.2245E-04
607684.88	4201073.19	18247.41936	0.3941	0.42233	0.18803	0.17445	0.03307	0.03279	3.11E-04	2.37E-06	2.58E-06	1.84E-06	1.70E-06	1.16E-07	1.15E-07	3.1954E-04
607684.88	4201089.71	18083.96519	0.36956	0.39637	0.19833	0.18447	0.03325	0.03296	3.08E-04	2.23E-06	2.42E-06	1.94E-06	1.79E-06	1.16E-07	1.15E-07	3.1665E-04
607684.88	4201106.23	17921.10094	0.34646	0.37177	0.20827	0.19423	0.03342	0.03311	3.05E-04	2.09E-06	2.27E-06	2.03E-06	1.89E-06	1.17E-07	1.16E-07	3.1377E-04
607687.16	4201688.32	13277.61049	0.05062	0.0522	0.41342	0.39764	0.03196	0.0315	2.26E-04	3.05E-07	3.18E-07	4.04E-06	3.87E-06	1.12E-07	1.10E-07	2.3487E-04
607689.92	4201541.02	14271.7297	0.07446	0.0775	0.38444	0.37112	0.03303	0.03256	2.43E-04	4.48E-07	4.73E-07	3.75E-06	3.61E-06	1.16E-07	1.14E-07	2.5157E-04
607691.99	4201650.19	13429.26199	0.0556	0.05745	0.4018	0.38653	0.032	0.03155	2.29E-04	3.35E-07	3.50E-07	3.92E-06	3.76E-06	1.12E-07	1.10E-07	2.3729E-04
607694.87	4201484.45	14633.6727	0.0877	0.0917	0.35837	0.34654	0.03328	0.03282	2.49E-04	5.28E-07	5.59E-07	3.50E-06	3.37E-06	1.17E-07	1.15E-07	2.5741E-04
607700.53	4201594.06	13723.12068	0.06424	0.06659	0.38076	0.36703	0.03218	0.03172	2.34E-04	3.87E-07	4.06E-07	3.72E-06	3.57E-06	1.13E-07	1.11E-07	2.4202E-04
607708.37	4201023.63	18307.11376	0.44363	0.47059	0.14633	0.1356	0.03187	0.03164	3.12E-04	2.67E-06	2.87E-06	1.43E-06	1.32E-06	1.12E-07	1.11E-07	3.2037E-04
607708.37	4201040.15	18151.30477	0.4174	0.4435	0.15583	0.14468	0.03209	0.03184	3.09E-04	2.51E-06	2.71E-06	1.52E-06	1.41E-06	1.12E-07	1.11E-07	3.1757E-04
607708.37	4201056.67	17994.72307	0.3926	0.41773	0.16521	0.15371	0.03228	0.03202	3.07E-04	2.36E-06	2.55E-06	1.61E-06	1.49E-06	1.13E-07	1.12E-07	3.1477E-04
607708.4	4201680.6	13138.35892	0.05203	0.05367	0.37998	0.36634	0.03138	0.03094	2.24E-04	3.13E-07	3.27E-07	3.71E-06	3.56E-06	1.10E-07	1.08E-07	2.3188E-04
607715.16	4201646.81	13253.24981	0.0565	0.05837	0.36694	0.35388	0.03137	0.03093	2.26E-04	3.40E-07	3.56E-07	3.58E-06	3.44E-06	1.10E-07	1.08E-07	2.3365E-04
607715.38	4201481.62	14412.42135	0.08816	0.09211	0.33082	0.32029	0.03264	0.0322	2.46E-04	5.31E-07	5.62E-07	3.23E-06	3.12E-06	1.14E-07	1.13E-07	2.5312E-04
607716.09	4201541.02	13973.43144	0.07448	0.07745	0.34788	0.33641	0.03218	0.03174	2.38E-04	4.48E-07	4.72E-07	3.40E-06	3.27E-06	1.13E-07	1.11E-07	2.4579E-04
607720.33	4201594.77	13522.65597	0.06426	0.06657	0.35278	0.34061	0.03157	0.03113	2.31E-04	3.87E-07	4.06E-07	3.45E-06	3.31E-06	1.11E-07	1.09E-07	2.3807E-04
607731.85	4202348.62	8983.89604	0.01595	0.01614	0.2295	0.22304	0.02354	0.02323	1.53E-04	9.60E-08	9.85E-08	2.24E-06	2.17E-06	8.24E-08	8.12E-08	1.5775E-04
607731.85	4202398.62	8709.38719	0.01492	0.01508	0.21168	0.20626	0.02297	0.02268	1.48E-04	8.98E-08	9.20E-08	2.07E-06	2.01E-06	8.04E-08	7.93E-08	1.5272E-04
607731.85	4202448.62	8443.65914	0.01399	0.01413	0.19428	0.18986	0.02244	0.02217	1.44E-04	8.42E-08	8.62E-08	1.90E-06	1.85E-06	7.86E-08	7.75E-08	1.4785E-04
607731.85	4202498.62	8186.40899	0.01316	0.01328	0.17752	0.17401	0.02195	0.02169	1.40E-04	7.92E-08	8.10E-08	1.73E-06	1.69E-06	7.69E-08	7.58E-08	1.4314E-04
607731.85	4202548.62	7941.50284	0.01242	0.01253	0.16164	0.15893	0.02151	0.02125	1.35E-04	7.48E-08	7.64E-08	1.58E-06	1.55E-06	7.53E-08	7.43E-08	1.3865E-04
607733.02	4201646.81	13100.18909	0.05671	0.05857	0.34346	0.33177	0.03087	0.03044	2.23E-04	3.41E-07	3.57E-07	3.35E-06	3.23E-06	1.08E-07	1.06E-07	2.3060E-04
607733.02	4201674.32	12962.52527	0.05316	0.05483	0.34631	0.33464	0.03072	0.0303	2.21E-04	3.20E-07	3.34E-07	3.38E-06	3.25E-06	1.08E-07	1.06E-07	2.2826E-04
607737.3	4201483.03	14146.2505	0.08741	0.09119	0.3065	0.29707	0.03195	0.03152	2.41E-04	5.26E-07	5.56E-07	2.99E-06	2.89E-06	1.12E-07	1.10E-07	2.4811E-04
607748.62	4201581.33	13338.07947	0.06653	0.06892	0.31648	0.30627	0.03086	0.03044	2.27E-04	4.01E-07	4.20E-07	3.09E-06	2.98E-06	1.08E-07	1.06E-07	2.3426E-04
607751.45	4201596.89	13213.2842	0.06395	0.06618	0.31556	0.30536	0.03067	0.03025	2.25E-04	3.85E-07	4.04E-07	3.08E-06	2.97E-06	1.07E-07	1.06E-07	2.3208E-04
607754.26	4201674.32	12784.42141	0.05333	0.05497	0.32126	0.311	0.03014	0.02973	2.18E-04	3.21E-07	3.35E-07	3.14E-06	3.02E-06	1.06E-07	1.04E-07	2.2475E-04
607754.74	4201641.98	12941.14099	0.0575	0.05936	0.31764	0.3074	0.03031	0.02989	2.21E-04	3.46E-07	3.62E-07	3.10E-06	2.99E-06	1.06E-07	1.04E-07	2.2741E-04
607756.4	4201533.95	13582.73233	0.07544	0.07836	0.2999	0.29061	0.03101	0.03059	2.32E-04	4.54E-07	4.78E-07	2.93E-06	2.83E-06	1.09E-07	1.07E-07	2.3823E-04
607756.4	4201557.99	13419.14832	0.0707	0.07332	0.30445	0.29491	0.03082	0.0304	2.29E-04	4.26E-07	4.47E-07	2.97E-06	2.87E-06	1.08E-07	1.06E-07	2.3547E-04
607759.93	4201485.86	13864.37634	0.08611	0.0897	0.28518	0.27661	0.03124	0.03082	2.36E-04	5.19E-07	5.47E-07	2.78E-06	2.69E-06	1.09E-07	1.08E-07	2.4288E-04
607825.82	4201172.31	15255.79173	0.20523	0.2144	0.15671	0.15023	0.03015	0.02983	2.60E-04	1.24E-06	1.31E-06	1.53E-06	1.46E-06	1.06E-07	1.04E-07	2.6560E-04
607825.82	4201188.83	15131.92562	0.19517	0.20388	0.16121	0.15478	0.03019	0.02987	2.58E-04	1.18E-06	1.24E-06	1.57E-06	1.51E-06	1.06E-07	1.04E-07	2.6345E-04
607825.82	4201205.35	15009.02746	0.1857	0.19395	0.16561	0.15926	0.03021	0.02989	2.56E-04	1.12E-06	1.18E-06	1.62E-06	1.55E-06	1.06E-07	1.04E-07	2.6132E-04
607825.82	4201221.87	14887.79404	0.17676	0.18457	0.16995	0.16366	0.03023	0.0299	2.54E-04	1.06E-06	1.13E-06	1.66E-06	1.59E-06	1.06E-07	1.04E-07	2.5923E-04
607825.82	4201238.39	14767.40126	0.16833	0.17572	0.17423	0.168	0.03024	0.0299	2.52E-04	1.01E-06	1.07E-06	1.70E-06	1.63E-06	1.06E-07	1.04E-07	2.5716E-04
607849.31	4201172.31	14958.63416	0.19737	0.20557	0.14763	0.14181	0.02957	0.02927	2.55E-04	1.19E-06	1.25E-06	1.44E-06	1.38E-06	1.04E-07	1.02E-07	2.6026E-04
607849.31	4201188.83	14838.40092	0.188	0.1958	0.1518	0.14602	0.02961	0.02929	2.53E-04	1.13E-06	1.19E-06	1.48E-06	1.42E-06	1.04E-07	1.02E-07	2.5818E-04
607849.31	4201205.35	14718.39467	0.17915	0.18656	0.15589	0.15015	0.02963	0.02931	2.51E-04	1.08E-06	1.14E-06	1.52E-06	1.46E-06	1.04E-07	1.02E-07	2.5610E-04
607849.31	4201221.87	14600.94745	0.1708	0.17783	0.15992	0.15423	0.02964	0.02931	2.49E-04	1.03E-06	1.08E-06	1.56E-06	1.50E-06	1.04E-07	1.02E-07	2.5407E-04
607849.31	4201238.39	14485.47352	0.16291	0.16958	0.16389	0.15824	0.02964	0.02931	2.47E-04	9.81E-07	1.03E-06	1.60E-06	1.54E-06	1.04E-07	1.02E-07	2.5209E-04
607872.8	4201172.31	14672.06969	0.19005	0.1974	0.1395	0.13425	0.02902	0.02872	2.50E-04	1.14E-06	1.20E-06	1.36E-06	1.31E-06	1.02E-07	1.00E-07	2.5513E-04
607872.8	4201188.83	14555.44805	0.1813	0.18831	0.14336	0.13815	0.02904	0.02874	2.48E-04	1.09E-06	1.15E-06	1.40E-06	1.34E-06	1.02E-07	1.00E-07	2.5311E-04
607872.8	4201205.35	14439.51054	0.17302	0.17969	0.14716	0.14198	0.02906	0.02875	2.46E-04	1.04E-06	1.10E-06	1.44E-06	1.38E-06	1.02E-07	1.00E-07	2.5110E-04
607872.8	4201221.87	14325.0665	0.16519	0.17154	0.1509	0.14576	0.02907	0.02875	2.44E-04	9.95E-07	1.05E-06	1.47E-06	1.42E-06	1.02E-07	1.00E-07	2.4913E-04
607872.8	4201238.39	14212.23006	0.15778	0.16382	0.15458	0.14948	0.02906	0.02874	2.42E-04	9.50E-07	9.99E-07	1.51E-06	1.45E-06	1.02E-07	1.00E-07	2.4719E-04
608186.19	4200733.55	13227.86836	0.26362	0.26706	0.03408	0.03283	0.02086	0.02079	2.25E-04	1.59E-06	1.63E-06	3.33E-07	3.19E-07	7.30E-08	7.27E-08	2.2936E-04
608186.19	4200741.15	13207.6026	0.2604	0.26385	0.03479	0.03351	0.02094	0.02086	2.25E-04	1.57E-06	1.61E-06	3.40E-07	3.26E-07	7.33E-08	7.29E-08	2.2899E-04
608186.19	4200748.75	13187.72766	0.25719	0.26065	0.0355	0.03421	0.02102	0.02094	2.25E-04	1.55E-06	1.59E-06	3.47E-07	3.33E-07	7.36E-08	7.32E-08	2.2863E-04
608186.19	4200756.35	13167.79376	0.254	0.25746	0.03623	0.03491	0.02109	0.02101	2.24E-04	1.53E-06	1.57E-06	3.54E-07	3.40E-07	7.38E-08	7.34E-08	2.2826E-04
608186.19	4200763.95	13147.73209	0.25081	0.25428	0.03696	0.03562	0.02117	0.02108	2.24E-04	1.51E-06	1.55E-06	3.61E-07	3.46E-07	7.41E-08	7.37E-08	2.2790E-04
608186.19	4200771.55	13127.31442	0.24763	0.25111	0.0377	0.03634	0.02124	0.02115	2.24E-04	1.49E-06	1.53E-06	3.68E-07	3.53E-07	7.44E-08	7.39E-08	2.2752E-04
608186.19	4200779.15	13106.50739	0.24446	0.24794	0.03845	0.03706	0.02131	0.02122	2.23E-04	1.47E-06	1.51E-06	3.75E-07	3.60E-07	7.46E-08	7.42E-08	2.2714E-04
608186.19	4200786.75	13085.48383	0.24131	0.2448	0.0392	0.03779	0.02138	0.02129	2.23E-04	1.45E-06	1.49E-06	3.83E-07	3.68E-07	7.49E-08	7.44E-08	2.2676E-04
608186.19	4200794.35	13064.55072	0.23818	0.24167	0.03996	0.03853	0.02145	0.02135	2.23E-04	1.43E-06	1.47E-06	3.90E-07	3.75E-07	7.51E-08	7.46E-08	2.2638E-04
608186.19	4200801.95	13043.72467	0.23508	0.23856	0.04072	0.03928	0.02152	0.02142	2.22E-04	1.42E-06	1.46E-06	3.98E-07	3.82E-07	7.53E-08	7.49E-08	2.2600E-04
608186.19	4200809.55	13022.5124	0.23199	0.23547	0.0415	0.04003	0.02159	0.02148	2.22E-04	1.40E-06	1.44E-06	4.05E-07	3.89E-07	7.56E-08	7.51E-08	2.2562E-04
608186.19	4200817.15	13001.0077	0.22892	0.2324	0.04227	0.04079	0.02165	0.02154	2.22E-04	1.38E-06	1.42E-06	4.13E-07	3.97E-07	7.58E-08	7.53E-08	2.2523E-04
608186.19	4200824.75	12979.08833	0.22588	0.22936	0.04306	0.04155	0.02171	0.0216	2.21E-04	1.36E-06	1.40E-06	4.21E-07	4.04E-07	7.60E-08	7.55E-08	2.2484E-04
608186.19	4200832.35	12956.9739	0.22286	0.22633	0.04384	0.04232	0.02177	0.02166	2.21E-04	1.34E-06	1.38E-06	4.28E-07	4.12E-07	7.62E-08	7.57E-08	2.2444E-04
608186.19	4200839.95	12934.56233	0.21987	0.22333	0.04463	0.0431	0.02183	0.02172	2.20E-04	1.32E-06	1.36E-06	4.36E-07	4.19E-07	7.64E-08	7.59E-08	2.2403E-04
608186.19	4200847.55	12911.89469	0.21691	0.22036	0.04542	0.04387	0.02189	0.02177	2.20E-04	1.31E-06	1.34E-06	4.44E-07	4.27E-07	7.66E-08	7.61E-08	2.2363E-04
608186.19	4200855.15	12888.82463	0.21397	0.21741	0.04622	0.04465	0.02195	0.02183	2.20E-04	1.29E-06	1.33E-06	4.51E-07	4.34E-07	7.69E-08	7.63E-08	2.2321E-04
608186.19	4200862.75	12865.39663	0.21106	0.21449	0.04702	0.04544	0.022	0.02188	2.19E-04	1.27E-06	1.31E-06	4.59E-07	4.42E-07	7.70E-08	7.65E-08	2.2279E-04
608186.19	4200870.35	12841.66739	0.20818	0.2116	0.04782	0.04623	0.02206	0.02193	2.19E-04	1.25E-06	1.29E-06	4.67E-07	4.50E-07	7.72E-08	7.66E-08	2.2237E-04
608193.06	4200733.55	13157.31124	0.25862	0.26198	0.03401	0.03278	0.02079	0.02072	2.24E-04	1.56E-06	1.60E-06	3.32E-07	3.19E-07	7.28E-08	7.24E-08	2.2810E-04
608193.06	4200741.15	13137.48008	0.25551	0.25888	0.03471	0.03345	0.02087	0.02079	2.24E-04	1.54E-06	1.58E-06	3.39E-07	3.25E-07	7.31E-08	7.27E-08	2.2773E-04
608193.06	4200748.75	13117.51548	0.2524	0.25578	0.03542	0.03414	0.02095	0.02087	2.24E-04	1.52E-06	1.56E-06	3.46E-07	3.32E-07	7.34E-08	7.29E-08	2.2737E-04
608193.06	4200756.35	13097.70672	0.2493	0.25269	0.03613	0.03483	0.02102	0.02094	2.23E-04	1.50E-06	1.54E-06	3.53E-07	3.39E-07	7.36E-08	7.32E-08	2.2701E-04
608193.06	4200763.95	13077.97015	0.24621	0.2496	0.03686	0.03553	0.02109	0.02101	2.23E-04	1.48E-06	1.52E-06	3.60E-07	3.46E-07	7.38E-08	7.34E-08	2.2665E-04
608193.06	4200771.55	13057.98157	0.24313	0.24653	0.03759	0.03624	0.02117	0.02108	2.23E-04	1.46E-06	1.50E-06	3.67E-07	3.52E-07	7.41E-08	7.37E-08	2.2628E-04
608193.06	4200779.15	13037.41562	0.24007	0.24347	0.03833	0.03696	0.02124	0.02114	2.22E-04	1.45E-06	1.49E-06	3.74E-07	3.59E-07	7.44E-08	7.39E-08	2.2591E-04
608193.06	4200786.75	13016.63096	0.23701	0.24041	0.03907	0.03768	0.02131	0.02121	2.22E-04	1.43E-06	1.47E-06	3.82E-07	3.66E-07	7.46E-08	7.41E-08	2.2553E-04
608193.06	4200794.35	12995.93646	0.23397	0.23738	0.03982	0.03841	0.02137	0.02128	2.22E-04	1.41E-06	1.45E-06	3.89E-07	3.74E-07	7.48E-08	7.44E-08	2.2516E-04
608193.06	4200801.95	12975.03374	0.23096	0.23436	0.04058	0.03915	0.02144	0.02134	2.21E-04	1.39E-06	1.43E-06	3.96E-07	3.81E-07	7.51E-08	7.46E-08	2.2478E-04
608193.06	4200809.55	12953.86024	0.22796	0.23136	0.04134	0.03989	0.02151	0.0214	2.21E-04	1.37E-06	1.41E-06	4.04E-07	3.88E-07	7.53E-08	7.48E-08	2.2440E-04
608193.06	4200817.15	12932.60933	0.22498	0.22838	0.0421	0.04064	0.02157	0.02146	2.20E-04	1.35E-06	1.39E-06	4.11E-07	3.95E-07	7.55E-08	7.50E-08	2.2401E-04
608193.06	4200824.75	12911.24853	0.22203	0.22543	0.04287	0.04139	0.02163	0.02152	2.20E-04	1.34E-06	1.38E-06	4.19E-07	4.03E-07	7.57E-08	7.52E-08	2.2363E-04
608193.06	4200832.35	12889.58465	0.2191	0.22249	0.04365	0.04215	0.02169	0.02158	2.20E-04	1.32E-06	1.36E-06	4.26E-07	4.10E-07	7.59E-08	7.54E-08	2.2324E-04
608193.06	4200839.95	12867.43578	0.21619	0.21958	0.04442	0.04291	0.02175	0.02163	2.19E-04	1.30E-06	1.34E-06	4.34E-07	4.17E-07	7.62E-08	7.56E-08	2.2284E-04
608193.06	4200847.55	12845.0281	0.21331	0.21669	0.04521	0.04368	0.02181	0.02169	2.19E-04	1.28E-06	1.32E-06	4.42E-07	4.25E-07	7.64E-08	7.58E-08	2.2244E-04
608193.06	4200855.15	12822.23822	0.21046	0.21382	0.04599	0.04445	0.02186	0.02174	2.19E-04	1.27E-06	1.30E-06	4.49E-07	4.32E-07	7.65E-08	7.60E-08	2.2203E-04
608193.06	4200862.75	12799.06652	0.20763	0.21098	0.04678	0.04522	0.02192	0.02179	2.18E-04	1.25E-06	1.29E-06	4.57E-07	4.40E-07	7.67E-08	7.61E-08	2.2162E-04
608193.06	4200870.35	12775.7131	0.20483	0.20817	0.04757	0.046	0.02197	0.02184	2.18E-04	1.23E-06	1.27E-06	4.65E-07	4.47E-07	7.69E-08	7.63E-08	2.2120E-04
608199.93	4200733.55	13087.42709	0.25375	0.25703	0.03394	0.03273	0.02072	0.02065	2.23E-04	1.53E-06	1.57E-06	3.31E-07	3.18E-07	7.25E-08	7.22E-08	2.2684E-04
608199.93	4200741.15	13067.92661	0.25074	0.25403	0.03464	0.0334	0.0208	0.02072	2.23E-04	1.51E-06	1.55E-06	3.38E-07	3.25E-07	7.28E-08	7.24E-08	2.2649E-04
608199.93	4200748.75	13048.07749	0.24773	0.25103	0.03533	0.03407	0.02087	0.02079	2.22E-04	1.49E-06	1.53E-06	3.45E-07	3.31E-07	7.31E-08	7.27E-08	2.2613E-04
608199.93	4200756.35	13028.50168	0.24473	0.24804	0.03604	0.03476	0.02095	0.02086	2.22E-04	1.47E-06	1.51E-06	3.52E-07	3.38E-07	7.34E-08	7.29E-08	2.2577E-04
608199.93	4200763.95	13009.08419	0.24174	0.24505	0.03676	0.03545	0.02102	0.02093	2.22E-04	1.46E-06	1.49E-06	3.59E-07	3.45E-07	7.36E-08	7.31E-08	2.2542E-04
608199.93	4200771.55	12989.31537	0.23875	0.24207	0.03748	0.03615	0.02109	0.021	2.21E-04	1.44E-06	1.48E-06	3.66E-07	3.52E-07	7.38E-08	7.34E-08	2.2506E-04
608199.93	4200779.15	12968.98376	0.23578	0.2391	0.03821	0.03685	0.02116	0.02107	2.21E-04	1.42E-06	1.46E-06	3.73E-07	3.58E-07	7.41E-08	7.36E-08	2.2469E-04
608199.93	4200786.75	12948.53374	0.23282	0.23614	0.03894	0.03757	0.02123	0.02113	2.21E-04	1.40E-06	1.44E-06	3.80E-07	3.65E-07	7.43E-08	7.38E-08	2.2432E-04
608199.93	4200794.35	12927.96977	0.22987	0.2332	0.03968	0.03829	0.0213	0.0212	2.20E-04	1.38E-06	1.42E-06	3.88E-07	3.72E-07	7.46E-08	7.41E-08	2.2395E-04
608199.93	4200801.95	12907.19952	0.22694	0.23027	0.04042	0.03902	0.02136	0.02126	2.20E-04	1.37E-06	1.40E-06	3.95E-07	3.79E-07	7.48E-08	7.43E-08	2.2357E-04
608199.93	4200809.55	12886.17044	0.22402	0.22735	0.04117	0.03975	0.02143	0.02132	2.20E-04	1.35E-06	1.39E-06	4.02E-07	3.87E-07	7.50E-08	7.45E-08	2.2319E-04
608199.93	4200817.15	12865.06477	0.22113	0.22446	0.04193	0.04049	0.02149	0.02138	2.19E-04	1.33E-06	1.37E-06	4.09E-07	3.94E-07	7.52E-08	7.47E-08	2.2281E-04
608199.93	4200824.75	12843.84008	0.21827	0.22159	0.04269	0.04123	0.02155	0.02144	2.19E-04	1.31E-06	1.35E-06	4.17E-07	4.01E-07	7.55E-08	7.49E-08	2.2243E-04
608199.93	4200832.35	12822.62254	0.21543	0.21874	0.04345	0.04198	0.02161	0.02149	2.19E-04	1.30E-06	1.33E-06	4.24E-07	4.08E-07	7.57E-08	7.51E-08	2.2205E-04
608199.93	4200839.95	12800.83616	0.2126	0.21591	0.04422	0.04273	0.02167	0.02155	2.18E-04	1.28E-06	1.32E-06	4.32E-07	4.16E-07	7.59E-08	7.53E-08	2.2166E-04
608199.93	4200847.55	12778.792	0.2098	0.2131	0.04499	0.04348	0.02172	0.0216	2.18E-04	1.26E-06	1.30E-06	4.39E-07	4.23E-07	7.60E-08	7.55E-08	2.2126E-04
608199.93	4200855.15	12756.27365	0.20703	0.21031	0.04576	0.04424	0.02178	0.02165	2.17E-04	1.25E-06	1.28E-06	4.47E-07	4.30E-07	7.63E-08	7.57E-08	2.2086E-04
608199.93	4200862.75	12733.35961	0.20428	0.20755	0.04654	0.045	0.02183	0.0217	2.17E-04	1.23E-06	1.27E-06	4.54E-07	4.38E-07	7.64E-08	7.58E-08	2.2045E-04
608199.93	4200870.35	12710.26844	0.20155	0.20482	0.04732	0.04577	0.02188	0.02175	2.17E-04	1.21E-06	1.25E-06	4.62E-07	4.45E-07	7.66E-08	7.60E-08	2.2004E-04
608206.8	4200733.55	13018.21097	0.24901	0.25222	0.03388	0.03267	0.02065	0.02058	2.22E-04	1.50E-06	1.54E-06	3.31E-07	3.18E-07	7.23E-08	7.19E-08	2.2561E-04
608206.8	4200741.15	12999.03498	0.2461	0.24932	0.03456	0.03333	0.02073	0.02065	2.22E-04	1.48E-06	1.52E-06	3.38E-07	3.24E-07	7.26E-08	7.22E-08	2.2526E-04
608206.8	4200748.75	12979.49821	0.24318	0.24641	0.03525	0.034	0.0208	0.02072	2.21E-04	1.46E-06	1.50E-06	3.44E-07	3.31E-07	7.28E-08	7.24E-08	2.2490E-04
608206.8	4200756.35	12959.94834	0.24027	0.24351	0.03595	0.03468	0.02088	0.02079	2.21E-04	1.45E-06	1.49E-06	3.51E-07	3.37E-07	7.31E-08	7.27E-08	2.2455E-04
608206.8	4200763.95	12940.6424	0.23737	0.24061	0.03665	0.03536	0.02095	0.02086	2.21E-04	1.43E-06	1.47E-06	3.58E-07	3.44E-07	7.34E-08	7.29E-08	2.2420E-04
608206.8	4200771.55	12921.19893	0.23448	0.23773	0.03737	0.03606	0.02102	0.02093	2.20E-04	1.41E-06	1.45E-06	3.65E-07	3.51E-07	7.36E-08	7.31E-08	2.2384E-04
608206.8	4200779.15	12901.20277	0.2316	0.23485	0.03808	0.03676	0.02109	0.02099	2.20E-04	1.39E-06	1.43E-06	3.72E-07	3.58E-07	7.38E-08	7.34E-08	2.2348E-04
608206.8	4200786.75	12880.98223	0.22872	0.23197	0.03881	0.03746	0.02115	0.02106	2.20E-04	1.38E-06	1.42E-06	3.79E-07	3.64E-07	7.41E-08	7.36E-08	2.2312E-04
608206.8	4200794.35	12860.64545	0.22586	0.22912	0.03954	0.03817	0.02122	0.02112	2.19E-04	1.36E-06	1.40E-06	3.86E-07	3.71E-07	7.43E-08	7.38E-08	2.2275E-04
608206.8	4200801.95	12840.10502	0.22302	0.22627	0.04027	0.03889	0.02128	0.02118	2.19E-04	1.34E-06	1.38E-06	3.93E-07	3.78E-07	7.45E-08	7.40E-08	2.2238E-04
608206.8	4200809.55	12819.42065	0.22019	0.22344	0.04101	0.03961	0.02135	0.02124	2.19E-04	1.33E-06	1.36E-06	4.00E-07	3.85E-07	7.48E-08	7.42E-08	2.2200E-04
608206.8	4200817.15	12798.45715	0.21738	0.22063	0.04176	0.04034	0.02141	0.0213	2.18E-04	1.31E-06	1.35E-06	4.08E-07	3.92E-07	7.50E-08	7.44E-08	2.2163E-04
608206.8	4200824.75	12777.16387	0.21459	0.21784	0.04251	0.04107	0.02147	0.02136	2.18E-04	1.29E-06	1.33E-06	4.15E-07	3.99E-07	7.52E-08	7.46E-08	2.2125E-04
608206.8	4200832.35	12756.08019	0.21183	0.21507	0.04326	0.0418	0.02153	0.02141	2.17E-04	1.28E-06	1.31E-06	4.22E-07	4.07E-07	7.54E-08	7.48E-08	2.2087E-04
608206.8	4200839.95	12734.85497	0.20909	0.21232	0.04401	0.04254	0.02158	0.02147	2.17E-04	1.26E-06	1.30E-06	4.30E-07	4.14E-07	7.56E-08	7.50E-08	2.2049E-04
608206.8	4200847.55	12713.17351	0.20637	0.20959	0.04477	0.04329	0.02164	0.02152	2.17E-04	1.24E-06	1.28E-06	4.37E-07	4.21E-07	7.58E-08	7.52E-08	2.2010E-04
608206.8	4200855.15	12690.92045	0.20367	0.20688	0.04554	0.04404	0.02169	0.02157	2.16E-04	1.23E-06	1.26E-06	4.45E-07	4.28E-07	7.59E-08	7.54E-08	2.1970E-04
608206.8	4200862.75	12668.2602	0.201	0.2042	0.0463	0.04479	0.02175	0.02162	2.16E-04	1.21E-06	1.25E-06	4.52E-07	4.36E-07	7.62E-08	7.56E-08	2.1930E-04
608206.8	4200870.35	12645.42899	0.19835	0.20154	0.04707	0.04554	0.0218	0.02167	2.16E-04	1.19E-06	1.23E-06	4.60E-07	4.43E-07	7.63E-08	7.57E-08	2.1889E-04
608213.67	4200733.55	12949.75901	0.2444	0.24754	0.03381	0.03261	0.02058	0.02051	2.21E-04	1.47E-06	1.51E-06	3.30E-07	3.17E-07	7.21E-08	7.17E-08	2.2438E-04
608213.67	4200741.15	12930.90187	0.24158	0.24473	0.03448	0.03327	0.02066	0.02058	2.20E-04	1.45E-06	1.49E-06	3.37E-07	3.24E-07	7.23E-08	7.19E-08	2.2404E-04
608213.67	4200748.75	12911.47049	0.23875	0.24191	0.03516	0.03393	0.02073	0.02065	2.20E-04	1.44E-06	1.48E-06	3.43E-07	3.30E-07	7.26E-08	7.22E-08	2.2369E-04
608213.67	4200756.35	12892.04082	0.23593	0.23909	0.03585	0.0346	0.0208	0.02072	2.20E-04	1.42E-06	1.46E-06	3.50E-07	3.37E-07	7.28E-08	7.24E-08	2.2333E-04
608213.67	4200763.95	12872.7428	0.23312	0.23629	0.03655	0.03528	0.02087	0.02079	2.19E-04	1.40E-06	1.44E-06	3.57E-07	3.43E-07	7.31E-08	7.27E-08	2.2298E-04
608213.67	4200771.55	12853.516	0.23032	0.23349	0.03725	0.03596	0.02094	0.02085	2.19E-04	1.39E-06	1.42E-06	3.64E-07	3.50E-07	7.33E-08	7.29E-08	2.2264E-04
608213.67	4200779.15	12833.85394	0.22752	0.23069	0.03796	0.03665	0.02101	0.02092	2.19E-04	1.37E-06	1.41E-06	3.71E-07	3.56E-07	7.36E-08	7.31E-08	2.2228E-04
608213.67	4200786.75	12813.96486	0.22473	0.22791	0.03868	0.03735	0.02108	0.02098	2.18E-04	1.35E-06	1.39E-06	3.78E-07	3.63E-07	7.38E-08	7.33E-08	2.2192E-04
608213.67	4200794.35	12793.95648	0.22196	0.22514	0.0394	0.03805	0.02114	0.02104	2.18E-04	1.34E-06	1.37E-06	3.85E-07	3.70E-07	7.40E-08	7.35E-08	2.2156E-04
608213.67	4200801.95	12773.6417	0.2192	0.22237	0.04012	0.03876	0.02121	0.0211	2.18E-04	1.32E-06	1.36E-06	3.92E-07	3.77E-07	7.43E-08	7.37E-08	2.2119E-04
608213.67	4200809.55	12753.19399	0.21645	0.21963	0.04085	0.03947	0.02127	0.02116	2.17E-04	1.30E-06	1.34E-06	3.99E-07	3.84E-07	7.45E-08	7.39E-08	2.2083E-04
608213.67	4200817.15	12732.46741	0.21372	0.2169	0.04159	0.04019	0.02133	0.02122	2.17E-04	1.29E-06	1.32E-06	4.06E-07	3.91E-07	7.47E-08	7.42E-08	2.2045E-04
608213.67	4200824.75	12711.41282	0.21101	0.21418	0.04232	0.04091	0.02139	0.02127	2.17E-04	1.27E-06	1.31E-06	4.13E-07	3.98E-07	7.49E-08	7.43E-08	2.2008E-04
608213.67	4200832.35	12690.2553	0.20832	0.21149	0.04307	0.04164	0.02144	0.02133	2.16E-04	1.25E-06	1.29E-06	4.21E-07	4.05E-07	7.51E-08	7.45E-08	2.1970E-04
608213.67	4200839.95	12669.3766	0.20566	0.20882	0.04381	0.04237	0.0215	0.02138	2.16E-04	1.24E-06	1.27E-06	4.28E-07	4.12E-07	7.53E-08	7.47E-08	2.1932E-04
608213.67	4200847.55	12648.16029	0.20302	0.20616	0.04456	0.0431	0.02156	0.02144	2.16E-04	1.22E-06	1.26E-06	4.35E-07	4.19E-07	7.55E-08	7.49E-08	2.1895E-04
608213.67	4200855.15	12626.16853	0.20039	0.20353	0.04531	0.04384	0.02161	0.02149	2.15E-04	1.21E-06	1.24E-06	4.42E-07	4.26E-07	7.57E-08	7.51E-08	2.1855E-04
608213.67	4200862.75	12603.76378	0.19779	0.20092	0.04606	0.04458	0.02166	0.02153	2.15E-04	1.19E-06	1.23E-06	4.50E-07	4.34E-07	7.58E-08	7.52E-08	2.1815E-04
608213.67	4200870.35	12581.18361	0.19521	0.19833	0.04682	0.04532	0.02171	0.02158	2.14E-04	1.18E-06	1.21E-06	4.57E-07	4.41E-07	7.60E-08	7.54E-08	2.1775E-04
608220.54	4200733.55	12881.95907	0.23991	0.24297	0.03373	0.03256	0.02052	0.02044	2.20E-04	1.44E-06	1.48E-06	3.29E-07	3.17E-07	7.18E-08	7.14E-08	2.2317E-04
608220.54	4200741.15	12863.31688	0.23718	0.24025	0.0344	0.0332	0.02059	0.02051	2.19E-04	1.43E-06	1.47E-06	3.36E-07	3.23E-07	7.21E-08	7.17E-08	2.2283E-04
608220.54	4200748.75	12844.19037	0.23444	0.23752	0.03508	0.03386	0.02066	0.02058	2.19E-04	1.41E-06	1.45E-06	3.43E-07	3.29E-07	7.23E-08	7.19E-08	2.2248E-04

608220.54	4200756.35	12824.87744	0.2317	0.23479	0.03576	0.03452	0.02073	0.02065	2.19E-04	1.40E-06	1.43E-06	3.49E-07	3.36E-07	7.26E-08	7.22E-08	2.2214E-04
608220.54	4200763.95	12805.58758	0.22897	0.23207	0.03645	0.03519	0.0208	0.02071	2.18E-04	1.38E-06	1.42E-06	3.56E-07	3.42E-07	7.28E-08	7.24E-08	2.2179E-04
608220.54	4200771.55	12786.36637	0.22625	0.22935	0.03714	0.03586	0.02087	0.02078	2.18E-04	1.36E-06	1.40E-06	3.63E-07	3.49E-07	7.31E-08	7.26E-08	2.2144E-04
608220.54	4200779.15	12766.82602	0.22354	0.22664	0.03784	0.03655	0.02094	0.02084	2.18E-04	1.35E-06	1.38E-06	3.70E-07	3.55E-07	7.33E-08	7.28E-08	2.2109E-04
608220.54	4200786.75	12747.26328	0.22083	0.22394	0.03854	0.03723	0.021	0.0209	2.17E-04	1.33E-06	1.37E-06	3.76E-07	3.62E-07	7.35E-08	7.30E-08	2.2073E-04
608220.54	4200794.35	12727.78513	0.21814	0.22125	0.03926	0.03793	0.02107	0.02097	2.17E-04	1.31E-06	1.35E-06	3.83E-07	3.69E-07	7.38E-08	7.33E-08	2.2038E-04
608220.54	4200801.95	12707.80231	0.21546	0.21857	0.03997	0.03863	0.02113	0.02103	2.17E-04	1.30E-06	1.33E-06	3.90E-07	3.76E-07	7.40E-08	7.35E-08	2.2002E-04
608220.54	4200809.55	12687.59153	0.2128	0.2159	0.04069	0.03933	0.02119	0.02108	2.16E-04	1.28E-06	1.32E-06	3.97E-07	3.83E-07	7.42E-08	7.37E-08	2.1966E-04
608220.54	4200817.15	12667.10109	0.21015	0.21325	0.04141	0.04004	0.02125	0.02114	2.16E-04	1.27E-06	1.30E-06	4.04E-07	3.89E-07	7.44E-08	7.39E-08	2.1929E-04
608220.54	4200824.75	12646.27833	0.20751	0.21061	0.04214	0.04075	0.02131	0.02119	2.16E-04	1.25E-06	1.28E-06	4.12E-07	3.96E-07	7.46E-08	7.41E-08	2.1892E-04
608220.54	4200832.35	12625.14555	0.2049	0.20799	0.04287	0.04147	0.02136	0.02125	2.15E-04	1.23E-06	1.27E-06	4.19E-07	4.03E-07	7.48E-08	7.43E-08	2.1854E-04
608220.54	4200839.95	12604.61194	0.20231	0.20539	0.04361	0.04219	0.02142	0.0213	2.15E-04	1.22E-06	1.25E-06	4.26E-07	4.10E-07	7.50E-08	7.44E-08	2.1818E-04
608220.54	4200847.55	12583.64809	0.19974	0.20281	0.04435	0.04291	0.02147	0.02135	2.15E-04	1.20E-06	1.24E-06	4.33E-07	4.17E-07	7.52E-08	7.46E-08	2.1780E-04
608220.54	4200855.15	12562.01311	0.19718	0.20025	0.04509	0.04364	0.02152	0.0214	2.14E-04	1.19E-06	1.22E-06	4.40E-07	4.24E-07	7.53E-08	7.48E-08	2.1742E-04
608220.54	4200862.75	12539.85963	0.19465	0.19771	0.04583	0.04437	0.02158	0.02145	2.14E-04	1.17E-06	1.21E-06	4.48E-07	4.32E-07	7.56E-08	7.50E-08	2.1702E-04
608220.54	4200870.35	12517.52733	0.19214	0.19519	0.04657	0.0451	0.02162	0.02149	2.13E-04	1.16E-06	1.19E-06	4.55E-07	4.39E-07	7.57E-08	7.51E-08	2.1662E-04
608227.41	4200733.55	12814.59701	0.23553	0.23853	0.03367	0.0325	0.02045	0.02037	2.18E-04	1.42E-06	1.46E-06	3.29E-07	3.16E-07	7.16E-08	7.12E-08	2.2197E-04
608227.41	4200741.15	12796.16632	0.23289	0.23589	0.03432	0.03314	0.02052	0.02044	2.18E-04	1.40E-06	1.44E-06	3.35E-07	3.22E-07	7.18E-08	7.14E-08	2.2163E-04
608227.41	4200748.75	12777.4463	0.23024	0.23325	0.03499	0.03379	0.02059	0.02051	2.18E-04	1.39E-06	1.42E-06	3.42E-07	3.29E-07	7.21E-08	7.17E-08	2.2129E-04
608227.41	4200756.35	12758.45101	0.22758	0.23061	0.03566	0.03444	0.02066	0.02057	2.17E-04	1.37E-06	1.41E-06	3.48E-07	3.35E-07	7.23E-08	7.19E-08	2.2095E-04
608227.41	4200763.95	12739.26856	0.22493	0.22796	0.03634	0.0351	0.02073	0.02064	2.17E-04	1.35E-06	1.39E-06	3.55E-07	3.41E-07	7.26E-08	7.21E-08	2.2061E-04
608227.41	4200771.55	12720.0568	0.22229	0.22532	0.03703	0.03577	0.02079	0.0207	2.17E-04	1.34E-06	1.37E-06	3.62E-07	3.48E-07	7.28E-08	7.23E-08	2.2026E-04
608227.41	4200779.15	12700.53228	0.21965	0.22269	0.03772	0.03644	0.02086	0.02077	2.17E-04	1.32E-06	1.36E-06	3.68E-07	3.54E-07	7.30E-08	7.26E-08	2.1991E-04
608227.41	4200786.75	12681.18518	0.21703	0.22007	0.03841	0.03712	0.02092	0.02083	2.16E-04	1.31E-06	1.34E-06	3.75E-07	3.61E-07	7.32E-08	7.28E-08	2.1956E-04
608227.41	4200794.35	12661.92287	0.21442	0.21746	0.03911	0.0378	0.02099	0.02089	2.16E-04	1.29E-06	1.33E-06	3.82E-07	3.68E-07	7.35E-08	7.30E-08	2.1921E-04
608227.41	4200801.95	12642.47369	0.21182	0.21486	0.03982	0.03849	0.02105	0.02095	2.16E-04	1.28E-06	1.31E-06	3.89E-07	3.74E-07	7.37E-08	7.32E-08	2.1886E-04
608227.41	4200809.55	12622.59581	0.20923	0.21227	0.04053	0.03919	0.02111	0.021	2.15E-04	1.26E-06	1.29E-06	3.96E-07	3.81E-07	7.39E-08	7.34E-08	2.1851E-04
608227.41	4200817.15	12602.33841	0.20665	0.20969	0.04124	0.03989	0.02117	0.02106	2.15E-04	1.24E-06	1.28E-06	4.03E-07	3.88E-07	7.41E-08	7.36E-08	2.1814E-04
608227.41	4200824.75	12581.74793	0.20409	0.20712	0.04196	0.04059	0.02123	0.02111	2.14E-04	1.23E-06	1.26E-06	4.10E-07	3.95E-07	7.43E-08	7.38E-08	2.1778E-04
608227.41	4200832.35	12560.94524	0.20155	0.20457	0.04268	0.0413	0.02128	0.02117	2.14E-04	1.21E-06	1.25E-06	4.17E-07	4.02E-07	7.45E-08	7.40E-08	2.1740E-04
608227.41	4200839.95	12540.34901	0.19903	0.20205	0.04341	0.04201	0.02134	0.02122	2.14E-04	1.20E-06	1.23E-06	4.24E-07	4.09E-07	7.47E-08	7.42E-08	2.1704E-04
608227.41	4200847.55	12519.62496	0.19653	0.19954	0.04413	0.04272	0.02139	0.02127	2.13E-04	1.18E-06	1.22E-06	4.31E-07	4.15E-07	7.49E-08	7.43E-08	2.1667E-04
608227.41	4200855.15	12498.444	0.19405	0.19705	0.04486	0.04344	0.02144	0.02132	2.13E-04	1.17E-06	1.20E-06	4.38E-07	4.22E-07	7.51E-08	7.45E-08	2.1629E-04
608227.41	4200862.75	12476.53928	0.19159	0.19457	0.04559	0.04416	0.02149	0.02136	2.13E-04	1.15E-06	1.19E-06	4.45E-07	4.29E-07	7.52E-08	7.46E-08	2.1590E-04
608227.41	4200870.35	12454.45383	0.18914	0.19212	0.04633	0.04488	0.02154	0.02141	2.12E-04	1.14E-06	1.17E-06	4.52E-07	4.36E-07	7.54E-08	7.48E-08	2.1551E-04
608234.28	4200741.15	12729.44233	0.2287	0.23164	0.03425	0.03307	0.02045	0.02037	2.17E-04	1.38E-06	1.41E-06	3.34E-07	3.22E-07	7.16E-08	7.12E-08	2.2044E-04
608234.28	4200748.75	12711.02807	0.22613	0.22908	0.03491	0.03371	0.02052	0.02044	2.17E-04	1.36E-06	1.40E-06	3.41E-07	3.28E-07	7.18E-08	7.14E-08	2.2011E-04
608234.28	4200756.35	12692.34375	0.22356	0.22652	0.03557	0.03436	0.02059	0.0205	2.16E-04	1.35E-06	1.38E-06	3.47E-07	3.34E-07	7.21E-08	7.16E-08	2.1977E-04
608234.28	4200763.95	12673.56637	0.221	0.22396	0.03624	0.03501	0.02066	0.02057	2.16E-04	1.33E-06	1.37E-06	3.54E-07	3.40E-07	7.23E-08	7.19E-08	2.1944E-04
608234.28	4200771.55	12654.56924	0.21843	0.2214	0.03692	0.03567	0.02072	0.02063	2.16E-04	1.32E-06	1.35E-06	3.61E-07	3.47E-07	7.25E-08	7.21E-08	2.1909E-04
608234.28	4200779.15	12635.36549	0.21587	0.21884	0.0376	0.03633	0.02079	0.02069	2.15E-04	1.30E-06	1.33E-06	3.67E-07	3.53E-07	7.28E-08	7.23E-08	2.1875E-04
608234.28	4200786.75	12616.03001	0.21332	0.21629	0.03828	0.037	0.02085	0.02075	2.15E-04	1.28E-06	1.32E-06	3.74E-07	3.60E-07	7.30E-08	7.25E-08	2.1840E-04
608234.28	4200794.35	12596.67441	0.21078	0.21375	0.03898	0.03768	0.02091	0.02081	2.15E-04	1.27E-06	1.30E-06	3.81E-07	3.66E-07	7.32E-08	7.27E-08	2.1805E-04
608234.28	4200801.95	12577.75435	0.20826	0.21123	0.03967	0.03836	0.02097	0.02087	2.14E-04	1.25E-06	1.29E-06	3.87E-07	3.73E-07	7.34E-08	7.29E-08	2.1771E-04
608234.28	4200809.55	12558.20532	0.20575	0.20872	0.04037	0.03905	0.02103	0.02093	2.14E-04	1.24E-06	1.27E-06	3.94E-07	3.80E-07	7.36E-08	7.31E-08	2.1736E-04
608234.28	4200817.15	12538.27385	0.20324	0.20621	0.04108	0.03974	0.02109	0.02098	2.14E-04	1.22E-06	1.26E-06	4.01E-07	3.87E-07	7.38E-08	7.33E-08	2.1701E-04
608234.28	4200824.75	12517.81046	0.20075	0.20371	0.04178	0.04043	0.02115	0.02103	2.13E-04	1.21E-06	1.24E-06	4.08E-07	3.93E-07	7.41E-08	7.35E-08	2.1664E-04
608234.28	4200832.35	12497.23363	0.19828	0.20124	0.04249	0.04113	0.0212	0.02109	2.13E-04	1.19E-06	1.23E-06	4.15E-07	4.00E-07	7.42E-08	7.37E-08	2.1627E-04
608234.28	4200839.95	12476.57294	0.19583	0.19877	0.04321	0.04183	0.02125	0.02114	2.13E-04	1.18E-06	1.21E-06	4.22E-07	4.07E-07	7.44E-08	7.39E-08	2.1591E-04
608234.28	4200847.55	12455.98792	0.19339	0.19633	0.04392	0.04253	0.02131	0.02119	2.12E-04	1.16E-06	1.20E-06	4.29E-07	4.14E-07	7.46E-08	7.41E-08	2.1554E-04
608234.28	4200855.15	12435.25676	0.19098	0.19391	0.04464	0.04324	0.02136	0.02123	2.12E-04	1.15E-06	1.18E-06	4.36E-07	4.21E-07	7.48E-08	7.42E-08	2.1517E-04
608234.28	4200862.75	12413.80395	0.18858	0.1915	0.04536	0.04395	0.02141	0.02128	2.12E-04	1.14E-06	1.17E-06	4.43E-07	4.27E-07	7.50E-08	7.44E-08	2.1479E-04
608234.28	4200870.35	12392.05859	0.18621	0.18912	0.04608	0.04466	0.02145	0.02132	2.11E-04	1.12E-06	1.15E-06	4.50E-07	4.34E-07	7.51E-08	7.45E-08	2.1440E-04
608240.38	4200722.19	12716.67085	0.2313	0.23416	0.03258	0.03146	0.02021	0.02014	2.17E-04	1.39E-06	1.43E-06	3.18E-07	3.06E-07	7.08E-08	7.04E-08	2.2022E-04
608240.73	4200729.53	12695.45718	0.22868	0.23155	0.03319	0.03205	0.02028	0.0202	2.16E-04	1.38E-06	1.41E-06	3.24E-07	3.12E-07	7.10E-08	7.06E-08	2.1984E-04
608241.15	4200741.15	12663.441	0.22462	0.2275	0.03417	0.033	0.02038	0.0203	2.16E-04	1.35E-06	1.39E-06	3.34E-07	3.21E-07	7.14E-08	7.09E-08	2.1927E-04
608241.15	4200748.75	12645.02768	0.22213	0.22501	0.03482	0.03364	0.02045	0.02037	2.16E-04	1.34E-06	1.37E-06	3.40E-07	3.27E-07	7.16E-08	7.12E-08	2.1893E-04
608241.15	4200756.35	12626.6514	0.21964	0.22253	0.03547	0.03427	0.02052	0.02043	2.15E-04	1.32E-06	1.36E-06	3.46E-07	3.33E-07	7.18E-08	7.14E-08	2.1860E-04
608241.15	4200763.95	12608.37218	0.21715	0.22005	0.03614	0.03492	0.02058	0.02049	2.15E-04	1.31E-06	1.34E-06	3.53E-07	3.40E-07	7.21E-08	7.16E-08	2.1827E-04
608241.15	4200771.55	12589.79282	0.21467	0.21757	0.0368	0.03557	0.02065	0.02056	2.15E-04	1.29E-06	1.33E-06	3.59E-07	3.46E-07	7.23E-08	7.18E-08	2.1794E-04
608241.15	4200779.15	12570.80449	0.21218	0.21509	0.03748	0.03623	0.02071	0.02062	2.14E-04	1.28E-06	1.31E-06	3.66E-07	3.52E-07	7.25E-08	7.21E-08	2.1760E-04
608241.15	4200786.75	12551.58276	0.20971	0.21261	0.03816	0.03689	0.02077	0.02068	2.14E-04	1.26E-06	1.30E-06	3.73E-07	3.59E-07	7.27E-08	7.23E-08	2.1726E-04
608241.15	4200794.35	12532.43602	0.20724	0.21014	0.03884	0.03756	0.02084	0.02074	2.14E-04	1.25E-06	1.28E-06	3.79E-07	3.65E-07	7.30E-08	7.25E-08	2.1691E-04
608241.15	4200801.95	12513.63728	0.20479	0.20769	0.03952	0.03823	0.0209	0.02079	2.13E-04	1.23E-06	1.27E-06	3.86E-07	3.72E-07	7.32E-08	7.27E-08	2.1658E-04
608241.15	4200809.55	12494.4122	0.20235	0.20525	0.04021	0.03891	0.02095	0.02085	2.13E-04	1.22E-06	1.25E-06	3.93E-07	3.78E-07	7.34E-08	7.29E-08	2.1623E-04
608241.15	4200817.15	12474.70235	0.19991	0.20281	0.04091	0.03959	0.02101	0.0209	2.13E-04	1.20E-06	1.24E-06	4.00E-07	3.85E-07	7.36E-08	7.30E-08	2.1588E-04
608241.15	4200824.75	12454.56251	0.19749	0.20039	0.0416	0.04027	0.02107	0.02095	2.12E-04	1.19E-06	1.22E-06	4.06E-07	3.92E-07	7.38E-08	7.32E-08	2.1552E-04
608241.15	4200832.35	12434.21238	0.19509	0.19798	0.0423	0.04096	0.02112	0.02101	2.12E-04	1.17E-06	1.21E-06	4.13E-07	3.98E-07	7.39E-08	7.34E-08	2.1516E-04
608241.15	4200839.95	12413.68201	0.1927	0.19558	0.04301	0.04165	0.02117	0.02106	2.12E-04	1.16E-06	1.19E-06	4.20E-07	4.05E-07	7.41E-08	7.36E-08	2.1479E-04
608241.15	4200847.55	12393.13644	0.19033	0.1932	0.04371	0.04234	0.02122	0.0211	2.11E-04	1.15E-06	1.18E-06	4.27E-07	4.12E-07	7.43E-08	7.37E-08	2.1443E-04
608241.15	4200855.15	12372.33786	0.18798	0.19084	0.04442	0.04304	0.02127	0.02115	2.11E-04	1.13E-06	1.16E-06	4.34E-07	4.19E-07	7.45E-08	7.39E-08	2.1406E-04
608241.15	4200862.75	12351.43528	0.18565	0.1885	0.04513	0.04374	0.02132	0.0212	2.11E-04	1.12E-06	1.15E-06	4.41E-07	4.25E-07	7.46E-08	7.41E-08	2.1369E-04
608241.15	4200870.35	12330.03217	0.18334	0.18618	0.04584	0.04444	0.02137	0.02124	2.10E-04	1.10E-06	1.14E-06	4.48E-07	4.32E-07	7.48E-08	7.42E-08	2.1331E-04
608248.02	4200741.15	12598.25102	0.22065	0.22346	0.03409	0.03293	0.02031	0.02023	2.15E-04	1.33E-06	1.36E-06	3.33E-07	3.20E-07	7.11E-08	7.07E-08	2.1810E-04
608248.02	4200748.75	12579.839	0.21823	0.22105	0.03473	0.03356	0.02038	0.02029	2.14E-04	1.31E-06	1.35E-06	3.39E-07	3.26E-07	7.14E-08	7.09E-08	2.1777E-04
608248.02	4200756.35	12561.76574	0.21582	0.21864	0.03538	0.03419	0.02045	0.02036	2.14E-04	1.30E-06	1.33E-06	3.46E-07	3.33E-07	7.16E-08	7.12E-08	2.1745E-04
608248.02	4200763.95	12543.78203	0.21341	0.21624	0.03603	0.03483	0.02051	0.02042	2.14E-04	1.29E-06	1.32E-06	3.52E-07	3.39E-07	7.18E-08	7.14E-08	2.1713E-04
608248.02	4200771.55	12525.51336	0.21099	0.21383	0.03669	0.03547	0.02058	0.02048	2.14E-04	1.27E-06	1.30E-06	3.58E-07	3.45E-07	7.21E-08	7.16E-08	2.1680E-04
608248.02	4200779.15	12506.74281	0.20858	0.21142	0.03736	0.03612	0.02064	0.02054	2.13E-04	1.26E-06	1.29E-06	3.65E-07	3.51E-07	7.23E-08	7.18E-08	2.1646E-04
608248.02	4200786.75	12487.73117	0.20618	0.20902	0.03803	0.03678	0.0207	0.0206	2.13E-04	1.24E-06	1.28E-06	3.71E-07	3.58E-07	7.25E-08	7.20E-08	2.1612E-04
608248.02	4200794.35	12468.79082	0.20378	0.20662	0.0387	0.03743	0.02076	0.02066	2.13E-04	1.23E-06	1.26E-06	3.78E-07	3.64E-07	7.27E-08	7.22E-08	2.1578E-04
608248.02	4200801.95	12449.91112	0.20139	0.20423	0.03938	0.0381	0.02082	0.02072	2.12E-04	1.21E-06	1.25E-06	3.85E-07	3.71E-07	7.29E-08	7.24E-08	2.1544E-04
608248.02	4200809.55	12431.0098	0.19902	0.20186	0.04006	0.03877	0.02088	0.02077	2.12E-04	1.20E-06	1.23E-06	3.91E-07	3.77E-07	7.31E-08	7.26E-08	2.1511E-04
608248.02	4200817.15	12411.61743	0.19666	0.19949	0.04074	0.03944	0.02093	0.02082	2.12E-04	1.18E-06	1.22E-06	3.98E-07	3.84E-07	7.33E-08	7.28E-08	2.1476E-04
608248.02	4200824.75	12391.79764	0.1943	0.19714	0.04143	0.04011	0.02099	0.02088	2.11E-04	1.17E-06	1.20E-06	4.05E-07	3.90E-07	7.35E-08	7.30E-08	2.1441E-04
608248.02	4200832.35	12371.67019	0.19196	0.19479	0.04212	0.04079	0.02104	0.02093	2.11E-04	1.16E-06	1.19E-06	4.11E-07	3.97E-07	7.37E-08	7.31E-08	2.1405E-04
608248.02	4200839.95	12351.47206	0.18964	0.19246	0.04282	0.04147	0.02109	0.02097	2.11E-04	1.14E-06	1.17E-06	4.18E-07	4.03E-07	7.38E-08	7.33E-08	2.1369E-04
608248.02	4200847.55	12330.96079	0.18733	0.19014	0.04351	0.04216	0.02114	0.02102	2.10E-04	1.13E-06	1.16E-06	4.25E-07	4.10E-07	7.40E-08	7.35E-08	2.1333E-04
608248.02	4200855.15	12310.29499	0.18504	0.18784	0.04421	0.04284	0.02119	0.02107	2.10E-04	1.11E-06	1.15E-06	4.32E-07	4.17E-07	7.42E-08	7.36E-08	2.1296E-04
608248.02	4200862.75	12289.42751	0.18277	0.18556	0.04491	0.04353	0.02124	0.02111	2.09E-04	1.10E-06	1.13E-06	4.39E-07	4.23E-07	7.44E-08	7.38E-08	2.1259E-04
608248.02	4200870.35	12268.4655	0.18052	0.1833	0.0456	0.04422	0.02128	0.02116	2.09E-04	1.09E-06	1.12E-06	4.45E-07	4.30E-07	7.45E-08	7.39E-08	2.1222E-04
608248.07	4200730.93	12622.27993	0.22387	0.22667	0.03323	0.0321	0.02022	0.02014	2.15E-04	1.35E-06	1.38E-06	3.25E-07	3.12E-07	7.08E-08	7.04E-08	2.1854E-04
608248.42	4200723.59	12636.54902	0.22599	0.22877	0.03262	0.03151	0.02014	0.02007	2.15E-04	1.36E-06	1.40E-06	3.19E-07	3.06E-07	7.05E-08	7.01E-08	2.1879E-04
608254.89	4200741.15	12533.76704	0.21678	0.21953	0.034	0.03287	0.02024	0.02016	2.14E-04	1.31E-06	1.34E-06	3.32E-07	3.20E-07	7.09E-08	7.05E-08	2.1696E-04
608254.89	4200748.75	12515.5592	0.21443	0.21719	0.03464	0.03349	0.02031	0.02022	2.13E-04	1.29E-06	1.32E-06	3.38E-07	3.26E-07	7.11E-08	7.07E-08	2.1663E-04
608254.89	4200756.35	12497.58309	0.21209	0.21485	0.03528	0.03411	0.02037	0.02029	2.13E-04	1.28E-06	1.31E-06	3.45E-07	3.32E-07	7.13E-08	7.09E-08	2.1631E-04
608254.89	4200763.95	12479.6862	0.20975	0.21252	0.03593	0.03474	0.02044	0.02035	2.13E-04	1.26E-06	1.30E-06	3.51E-07	3.38E-07	7.16E-08	7.11E-08	2.1599E-04
608254.89	4200771.55	12461.72594	0.20741	0.21018	0.03658	0.03538	0.0205	0.02041	2.12E-04	1.25E-06	1.28E-06	3.57E-07	3.44E-07	7.18E-08	7.13E-08	2.1566E-04
608254.89	4200779.15	12443.27202	0.20507	0.20784	0.03724	0.03602	0.02057	0.02047	2.12E-04	1.23E-06	1.27E-06	3.64E-07	3.50E-07	7.20E-08	7.15E-08	2.1533E-04
608254.89	4200786.75	12424.56161	0.20273	0.20551	0.0379	0.03666	0.02063	0.02053	2.12E-04	1.22E-06	1.25E-06	3.70E-07	3.57E-07	7.22E-08	7.17E-08	2.1500E-04
608254.89	4200794.35	12405.72822	0.2004	0.20318	0.03856	0.03731	0.02068	0.02058	2.11E-04	1.21E-06	1.24E-06	3.77E-07	3.63E-07	7.24E-08	7.19E-08	2.1466E-04
608254.89	4200801.95	12386.7669	0.19808	0.20086	0.03923	0.03797	0.02074	0.02064	2.11E-04	1.19E-06	1.23E-06	3.83E-07	3.69E-07	7.26E-08	7.21E-08	2.1433E-04
608254.89	4200809.55	12368.08697	0.19577	0.19855	0.0399	0.03863	0.0208	0.02069	2.11E-04	1.18E-06	1.21E-06	3.90E-07	3.76E-07	7.28E-08	7.23E-08	2.1399E-04
608254.89	4200817.15	12349.00699	0.19347	0.19625	0.04058	0.03929	0.02085	0.02075	2.11E-04	1.16E-06	1.20E-06	3.96E-07	3.82E-07	7.30E-08	7.25E-08	2.1365E-04
608254.89	4200824.75	12329.60812	0.19119	0.19396	0.04126	0.03996	0.02091	0.0208	2.10E-04	1.15E-06	1.18E-06	4.03E-07	3.89E-07	7.32E-08	7.27E-08	2.1331E-04
608254.89	4200832.35	12309.69943	0.18891	0.19168	0.04194	0.04062	0.02096	0.02085	2.10E-04	1.14E-06	1.17E-06	4.10E-07	3.95E-07	7.34E-08	7.29E-08	2.1295E-04
608254.89	4200839.95	12289.73459	0.18665	0.18941	0.04262	0.0413	0.02101	0.02089	2.10E-04	1.12E-06	1.16E-06	4.16E-07	4.02E-07	7.36E-08	7.30E-08	2.1260E-04
608254.89	4200847.55	12269.55399	0.1844	0.18715	0.04331	0.04197	0.02106	0.02094	2.09E-04	1.11E-06	1.14E-06	4.23E-07	4.08E-07	7.37E-08	7.32E-08	2.1224E-04
608254.89	4200855.15	12248.91594	0.18217	0.18491	0.04399	0.04265	0.02111	0.02099	2.09E-04	1.10E-06	1.13E-06	4.30E-07	4.15E-07	7.39E-08	7.34E-08	2.1187E-04
608254.89	4200862.75	12228.08139	0.17996	0.18269	0.04468	0.04333	0.02115	0.02103	2.08E-04	1.08E-06	1.11E-06	4.36E-07	4.21E-07	7.41E-08	7.35E-08	2.1151E-04
608254.89	4200870.35	12207.35032	0.17777	0.18049	0.04537	0.04401	0.0212	0.02107	2.08E-04	1.07E-06	1.10E-06	4.43E-07	4.28E-07	7.42E-08	7.36E-08	2.1114E-04
608255.41	4200731.98	12550.6033	0.21931	0.22205	0.03324	0.03212	0.02015	0.02008	2.14E-04	1.32E-06	1.35E-06	3.25E-07	3.12E-07	7.06E-08	7.02E-08	2.1726E-04
608255.76	4200725.34	12562.83782	0.22115	0.22387	0.03269	0.03159	0.02009	0.02001	2.14E-04	1.33E-06	1.37E-06	3.19E-07	3.07E-07	7.03E-08	6.99E-08	2.1748E-04
608261.76	4200741.15	12469.8813	0.21301	0.2157	0.03392	0.0328	0.02017	0.02009	2.13E-04	1.28E-06	1.32E-06	3.31E-07	3.19E-07	7.06E-08	7.02E-08	2.1582E-04
608261.76	4200748.75	12451.97364	0.21073	0.21343	0.03455	0.03341	0.02024	0.02016	2.12E-04	1.27E-06	1.30E-06	3.37E-07	3.25E-07	7.09E-08	7.05E-08	2.1550E-04
608261.76	4200756.35	12433.99433	0.20845	0.21116	0.03518	0.03403	0.0203	0.02022	2.12E-04	1.26E-06	1.29E-06	3.44E-07	3.31E-07	7.11E-08	7.07E-08	2.1518E-04
608261.76	4200763.95	12416.0803	0.20618	0.20889	0.03582	0.03465	0.02037	0.02028	2.12E-04	1.24E-06	1.27E-06	3.50E-07	3.37E-07	7.13E-08	7.09E-08	2.1486E-04
608261.76	4200771.55	12398.42993	0.20391	0.20662	0.03647	0.03528	0.02043	0.02034	2.11E-04	1.23E-06	1.26E-06	3.56E-07	3.43E-07	7.15E-08	7.11E-08	2.1454E-04
608261.76	4200779.15	12380.28616	0.20163	0.20435	0.03711	0.03591	0.02049	0.0204	2.11E-04	1.21E-06	1.25E-06	3.62E-07	3.49E-07	7.17E-08	7.13E-08	2.1422E-04
608261.76	4200786.75	12361.87108	0.19937	0.20208	0.03777	0.03655	0.02055	0.02045	2.11E-04	1.20E-06	1.23E-06	3.69E-07	3.55E-07	7.20E-08	7.15E-08	2.1389E-04
608261.76	4200794.35	12343.24618	0.1971	0.19982	0.03842	0.03719	0.02061	0.02051	2.10E-04	1.19E-06	1.22E-06	3.75E-07	3.62E-07	7.22E-08	7.17E-08	2.1356E-04
608261.76	4200801.95	12324.40081	0.19484	0.19756	0.03908	0.03784	0.02067	0.02056	2.10E-04	1.17E-06	1.21E-06	3.82E-07	3.68E-07	7.24E-08	7.18E-08	2.1322E-04
608261.76	4200809.55	12305.73374	0.1926	0.19531	0.03975	0.03849	0.02072	0.02062	2.10E-04	1.16E-06	1.19E-06	3.88E-07	3.74E-07	7.25E-08	7.21E-08	2.1289E-04
608261.76	4200817.15	12286.8616	0.19036	0.19307	0.04041	0.03914	0.02078	0.02067	2.09E-04	1.15E-06	1.18E-06	3.95E-07	3.81E-07	7.28E-08	7.22E-08	2.1255E-04
608261.76	4200824.75	12267.88016	0.18814	0.19085	0.04108	0.0398	0.02083	0.02072	2.09E-04	1.13E-06	1.16E-06	4.01E-07	3.87E-07	7.29E-08	7.24E-08	2.1221E-04
608261.76	4200832.35	12248.29302	0.18593	0.18863	0.04175	0.04046	0.02088	0.02077	2.09E-04	1.12E-06	1.15E-06	4.08E-07	3.94E-07	7.31E-08	7.26E-08	2.1187E-04
608261.76	4200839.95	12228.55802	0.18373	0.18642	0.04243	0.04112	0.02093	0.02081	2.08E-04	1.11E-06	1.14E-06	4.14E-07	4.00E-07	7.33E-08	7.27E-08	2.1152E-04
608261.76	4200847.55	12208.60864	0.18154	0.18423	0.0431	0.04179	0.02098	0.02086	2.08E-04	1.09E-06	1.12E-06	4.21E-07	4.06E-07	7.35E-08	7.29E-08	2.1116E-04
608261.76	4200855.15	12188.29894	0.17937	0.18205	0.04378	0.04245	0.02103	0.0209	2.08E-04	1.08E-06	1.11E-06	4.28E-07	4.13E-07	7.36E-08	7.30E-08	2.1080E-04
608261.76	4200862.75	12167.49237	0.17721	0.17988	0.04446	0.04312	0.02107	0.02095	2.07E-04	1.07E-06	1.10E-06	4.34E-07	4.19E-07	7.38E-08	7.32E-08	2.1043E-04
608261.76	4200870.35	12146.79206	0.17507	0.17773	0.04514	0.0438	0.02112	0.02099	2.07E-04	1.05E-06	1.08E-06	4.41E-07	4.26E-07	7.39E-08	7.34E-08	2.1007E-04
608268.63	4200741.15	12406.08854	0.20932	0.21195	0.03384	0.03273	0.0201	0.02002	2.11E-04	1.26E-06	1.29E-06	3.30E-07	3.18E-07	7.04E-08	7.00E-08	2.1469E-04
608268.63	4200748.75	12388.57515	0.20711	0.20975	0.03446	0.03333	0.02017	0.02009	2.11E-04	1.25E-06	1.28E-06	3.37E-07	3.24E-07	7.06E-08	7.02E-08	2.1437E-04
608268.63	4200756.35	12370.98087	0.20491	0.20755	0.03508	0.03394	0.02023	0.02015	2.11E-04	1.23E-06	1.27E-06	3.43E-07	3.30E-07	7.08E-08	7.04E-08	2.1406E-04
608268.63	4200763.95	12353.15753	0.20269	0.20535	0.03572	0.03456	0.0203	0.02021	2.11E-04	1.22E-06	1.25E-06	3.49E-07	3.36E-07	7.11E-08	7.06E-08	2.1374E-04
608268.63	4200771.55	12335.91047	0.20049	0.20315	0.03635	0.03518	0.02036	0.02027	2.10E-04	1.21E-06	1.24E-06	3.55E-07	3.42E-07	7.13E-08	7.08E-08	2.1343E-04
608268.63	4200779.15	12317.97139	0.19828	0.20094	0.03699	0.03581	0.02042	0.02032	2.10E-04	1.19E-06	1.23E-06	3.61E-07	3.48E-07	7.15E-08	7.10E-08	2.1311E-04
608268.63	4200786.75	12299.75122	0.19608	0.19874	0.03764	0.03644	0.02048	0.02038	2.10E-04	1.18E-06	1.21E-06	3.68E-07	3.54E-07	7.17E-08	7.12E-08	2.1279E-04
608268.63	4200794.35	12281.33092	0.19388	0.19654	0.03828	0.03707	0.02054	0.02043	2.09E-04	1.17E-06	1.20E-06	3.74E-07	3.61E-07	7.19E-08	7.14E-08	2.1246E-04
608268.63	4200801.95	12262.80516	0.19168	0.19434	0.03893	0.03771	0.02059	0.02049	2.09E-04	1.15E-06	1.19E-06	3.80E-07	3.67E-07	7.21E-08	7.16E-08	2.1213E-04
608268.63	4200809.55	12244.04661	0.1895	0.19215	0.03959	0.03835	0.02065	0.02054	2.09E-04	1.14E-06	1.17E-06	3.87E-07	3.73E-07	7.23E-08	7.18E-08	2.1179E-04
608268.63	4200817.15	12225.38039	0.18732	0.18998	0.04025	0.03899	0.0207	0.02059	2.08E-04	1.13E-06	1.16E-06	3.93E-07	3.79E-07	7.25E-08	7.20E-08	2.1146E-04
608268.63	4200824.75	12206.8093	0.18516	0.18781	0.04091	0.03964	0.02075	0.02064	2.08E-04	1.11E-06	1.15E-06	4.00E-07	3.86E-07	7.27E-08	7.21E-08	2.1113E-04
608268.63	4200832.35	12187.44034	0.18301	0.18565	0.04157	0.04029	0.0208	0.02069	2.08E-04	1.10E-06	1.13E-06	4.06E-07	3.92E-07	7.28E-08	7.23E-08	2.1079E-04
608268.63	4200839.95	12167.92841	0.18087	0.1835	0.04224	0.04095	0.02085	0.02073	2.07E-04	1.09E-06	1.12E-06	4.13E-07	3.98E-07	7.30E-08	7.24E-08	2.1044E-04
608268.63	4200847.55	12148.20731	0.17874	0.18137	0.0429	0.0416	0.0209	0.02078	2.07E-04	1.08E-06	1.11E-06	4.19E-07	4.05E-07	7.32E-08	7.26E-08	2.1009E-04
608268.63	4200855.15	12128.12093	0.17662	0.17924	0.04357	0.04226	0.02095	0.02082	2.07E-04	1.06E-06	1.09E-06	4.25E-07	4.11E-07	7.34E-08	7.28E-08	2.0974E-04
608268.63	4200862.75	12107.64281	0.17452	0.17713	0.04424	0.04292	0.02099	0.02086	2.06E-04	1.05E-06	1.08E-06	4.32E-07	4.17E-07	7.35E-08	7.29E-08	2.0938E-04
608268.63	4200870.35	12086.97573	0.17244	0.17504	0.04491	0.04358	0.02103	0.02091	2.06E-04	1.04E-06	1.07E-06	4.39E-07	4.24E-07	7.36E-08	7.31E-08	2.0901E-04
608275.5	4200733.55	12360.35544	0.20786	0.21043	0.03315	0.03206	0.01997	0.01989	2.11E-04	1.25E-06	1.28E-06	3.24E-07	3.12E-07	6.99E-08	6.95E-08	2.1388E-04
608275.5	4200741.15	12342.88162	0.20572	0.2083	0.03375	0.03266	0.02003	0.01995	2.10E-04	1.24E-06	1.27E-06	3.30E-07	3.18E-07	7.01E-08	6.97E-08	2.1356E-04
608275.5	4200748.75	12325.85704	0.20359	0.20617	0.03437	0.03325	0.0201	0.02002	2.10E-04	1.23E-06	1.26E-06	3.36E-07	3.23E-07	7.04E-08	7.00E-08	2.1326E-04
608275.5	4200756.35	12308.64108	0.20144	0.20403	0.03499	0.03386	0.02016	0.02008	2.10E-04	1.21E-06	1.24E-06	3.42E-07	3.29E-07	7.06E-08	7.02E-08	2.1295E-04
608275.5	4200763.95	12291.10736	0.1993	0.20189	0.03561	0.03447	0.02023	0.02014	2.10E-04	1.20E-06	1.23E-06	3.48E-07	3.35E-07	7.08E-08	7.04E-08	2.1264E-04
608275.5	4200771.55	12273.76436	0.19715	0.19975	0.03624	0.03508	0.02029	0.02019	2.09E-04	1.19E-06	1.22E-06	3.54E-07	3.41E-07	7.10E-08	7.06E-08	2.1233E-04
608275.5	4200779.15	12256.12775	0.19501	0.19761	0.03687	0.0357	0.02035	0.02025	2.09E-04	1.17E-06	1.21E-06	3.60E-07	3.47E-07	7.13E-08	7.08E-08	2.1201E-04
608275.5	4200786.75	12238.19804	0.19287	0.19547	0.03751	0.03632	0.0204	0.02031	2.09E-04	1.16E-06	1.19E-06	3.66E-07	3.53E-07	7.14E-08	7.10E-08	2.1170E-04
608275.5	4200794.35	12219.98071	0.19073	0.19333	0.03814	0.03695	0.02046	0.02036	2.08E-04	1.15E-06	1.18E-06	3.72E-07	3.59E-07	7.16E-08	7.12E-08	2.1137E-04
608275.5	4200801.95	12201.66452	0.1886	0.1912	0.03879	0.03758	0.02052	0.02041	2.08E-04	1.14E-06	1.17E-06	3.79E-07	3.65E-07	7.18E-08	7.13E-08	2.1105E-04
608275.5	4200809.55	12183.21506	0.18647	0.18907	0.03943	0.03821	0.02057	0.02046	2.08E-04	1.12E-06	1.15E-06	3.85E-07	3.72E-07	7.20E-08	7.15E-08	2.1072E-04
608275.5	4200817.15	12164.65244	0.18435	0.18695	0.04008	0.03885	0.02062	0.02051	2.07E-04	1.11E-06	1.14E-06	3.91E-07	3.78E-07	7.22E-08	7.17E-08	2.1039E-04
608275.5	4200824.75	12146.09277	0.18225	0.18484	0.04073	0.03949	0.02067	0.02056	2.07E-04	1.10E-06	1.13E-06	3.98E-07	3.84E-07	7.24E-08	7.18E-08	2.1006E-04
608275.5	4200832.35	12127.04198	0.18016	0.18274	0.04139	0.04013	0.02072	0.02061	2.07E-04	1.08E-06	1.11E-06	4.04E-07	3.90E-07	7.25E-08	7.20E-08	2.0972E-04
608275.5	4200839.95	12107.8476	0.17807	0.18065	0.04204	0.04078	0.02077	0.02066	2.06E-04	1.07E-06	1.10E-06	4.11E-07	3.97E-07	7.27E-08	7.22E-08	2.0938E-04
608275.5	4200847.55	12088.34778	0.176	0.17857	0.0427	0.04142	0.02082	0.0207	2.06E-04	1.06E-06	1.09E-06	4.17E-07	4.03E-07	7.29E-08	7.23E-08	2.0904E-04
608275.5	4200855.15	12068.47724	0.17394	0.1765	0.04336	0.04207	0.02086	0.02074	2.06E-04	1.05E-06	1.08E-06	4.23E-07	4.09E-07	7.30E-08	7.25E-08	2.0869E-04
608275.5	4200862.75	12048.2215	0.17189	0.17444	0.04402	0.04272	0.02091	0.02078	2.05E-04	1.04E-06	1.06E-06	4.30E-07	4.15E-07	7.32E-08	7.26E-08	2.0833E-04
608275.5	4200870.35	12027.79092	0.16986	0.1724	0.04468	0.04338	0.02095	0.02082	2.05E-04	1.02E-06	1.05E-06	4.36E-07	4.22E-07	7.34E-08	7.28E-08	2.0797E-04
608282.37	4200733.55	12298.1314	0.2043	0.20681	0.03307	0.032	0.0199	0.01982	2.10E-04	1.23E-06	1.26E-06	3.23E-07	3.11E-07	6.97E-08	6.93E-08	2.1277E-04
608282.37	4200741.15	12280.75221	0.20222	0.20474	0.03367	0.03258	0.01997	0.01988	2.09E-04	1.22E-06	1.25E-06	3.29E-07	3.17E-07	6.99E-08	6.95E-08	2.1246E-04
608282.37	4200748.75	12263.81916	0.20014	0.20267	0.03428	0.03318	0.02003	0.01995	2.09E-04	1.21E-06	1.24E-06	3.35E-07	3.23E-07	7.01E-08	6.97E-08	2.1216E-04
608282.37	4200756.35	12246.77832	0.19806	0.2006	0.03489	0.03377	0.02009	0.02001	2.09E-04	1.19E-06	1.22E-06	3.41E-07	3.28E-07	7.03E-08	6.99E-08	2.1185E-04
608282.37	4200763.95	12229.43147	0.19598	0.19852	0.0355	0.03437	0.02015	0.02006	2.08E-04	1.18E-06	1.21E-06	3.47E-07	3.34E-07	7.06E-08	7.01E-08	2.1154E-04
608282.37	4200771.55	12211.99223	0.19389	0.19644	0.03612	0.03498	0.02021	0.02012	2.08E-04	1.17E-06	1.20E-06	3.53E-07	3.40E-07	7.08E-08	7.03E-08	2.1123E-04
608282.37	4200779.15	12194.65292	0.19181	0.19436	0.03675	0.03559	0.02027	0.02018	2.08E-04	1.15E-06	1.19E-06	3.59E-07	3.46E-07	7.10E-08	7.05E-08	2.1093E-04
608282.37	4200786.75	12177.10656	0.18973	0.19228	0.03738	0.03621	0.02033	0.02023	2.08E-04	1.14E-06	1.17E-06	3.65E-07	3.52E-07	7.12E-08	7.07E-08	2.1061E-04
608282.37	4200794.35	12159.28966	0.18766	0.1902	0.03801	0.03682	0.02039	0.02029	2.07E-04	1.13E-06	1.16E-06	3.71E-07	3.58E-07	7.14E-08	7.09E-08	2.1030E-04
608282.37	4200801.95	12141.17739	0.18558	0.18813	0.03864	0.03745	0.02044	0.02034	2.07E-04	1.12E-06	1.15E-06	3.77E-07	3.64E-07	7.16E-08	7.11E-08	2.0997E-04
608282.37	4200809.55	12122.83253	0.18351	0.18605	0.03928	0.03807	0.02049	0.02039	2.07E-04	1.10E-06	1.13E-06	3.84E-07	3.70E-07	7.17E-08	7.13E-08	2.0965E-04
608282.37	4200817.15	12104.3731	0.18145	0.18399	0.03992	0.0387	0.02055	0.02044	2.06E-04	1.09E-06	1.12E-06	3.90E-07	3.76E-07	7.20E-08	7.14E-08	2.0932E-04
608282.37	4200824.75	12085.62391	0.1794	0.18194	0.04056	0.03933	0.0206	0.02048	2.06E-04	1.08E-06	1.11E-06	3.96E-07	3.83E-07	7.21E-08	7.16E-08	2.0899E-04
608282.37	4200832.35	12067.18286	0.17736	0.1799	0.04121	0.03997	0.02065	0.02053	2.06E-04	1.07E-06	1.10E-06	4.02E-07	3.89E-07	7.23E-08	7.17E-08	2.0866E-04
608282.37	4200839.95	12048.30599	0.17534	0.17786	0.04185	0.0406	0.02069	0.02058	2.05E-04	1.06E-06	1.08E-06	4.09E-07	3.95E-07	7.24E-08	7.19E-08	2.0833E-04
608282.37	4200847.55	12029.02223	0.17332	0.17583	0.0425	0.04124	0.02074	0.02062	2.05E-04	1.04E-06	1.07E-06	4.15E-07	4.01E-07	7.26E-08	7.21E-08	2.0799E-04
608282.37	4200855.15	12009.36918	0.17131	0.17382	0.04315	0.04188	0.02078	0.02066	2.05E-04	1.03E-06	1.06E-06	4.21E-07	4.07E-07	7.28E-08	7.22E-08	2.0764E-04
608282.37	4200862.75	11989.33677	0.16932	0.17181	0.0438	0.04253	0.02083	0.0207	2.04E-04	1.02E-06	1.05E-06	4.28E-07	4.14E-07	7.29E-08	7.23E-08	2.0729E-04
608282.37	4200870.35	11969.13362	0.16734	0.16982	0.04445	0.04317	0.02087	0.02074	2.04E-04	1.01E-06	1.04E-06	4.34E-07	4.20E-07	7.31E-08	7.25E-08	2.0693E-04
608289.24	4200733.55	12236.66709	0.20082	0.20328	0.03299	0.03193	0.01984	0.01976	2.09E-04	1.21E-06	1.24E-06	3.22E-07	3.11E-07	6.95E-08	6.91E-08	2.1168E-04
608289.24	4200741.15	12219.3862	0.1988	0.20127	0.03359	0.03251	0.0199	0.01982	2.08E-04	1.20E-06	1.23E-06	3.28E-07	3.16E-07	6.97E-08	6.93E-08	2.1137E-04
608289.24	4200748.75	12202.34979	0.19678	0.19926	0.03419	0.0331	0.01996	0.01988	2.08E-04	1.18E-06	1.22E-06	3.34E-07	3.22E-07	6.99E-08	6.95E-08	2.1107E-04
608289.24	4200756.35	12185.28621	0.19476	0.19724	0.03479	0.03369	0.02002	0.01994	2.08E-04	1.17E-06	1.20E-06	3.40E-07	3.28E-07	7.01E-08	6.97E-08	2.1076E-04
608289.24	4200763.95	12168.32413	0.19274	0.19523	0.0354	0.03428	0.02008	0.01999	2.07E-04	1.16E-06	1.19E-06	3.46E-07	3.33E-07	7.03E-08	6.99E-08	2.1046E-04
608289.24	4200771.55	12151.08159	0.19071	0.1932	0.03601	0.03488	0.02014	0.02005	2.07E-04	1.15E-06	1.18E-06	3.52E-07	3.39E-07	7.05E-08	7.01E-08	2.1015E-04
608289.24	4200779.15	12133.73807	0.18869	0.19118	0.03662	0.03548	0.0202	0.02011	2.07E-04	1.14E-06	1.17E-06	3.58E-07	3.45E-07	7.07E-08	7.03E-08	2.0985E-04
608289.24	4200786.75	12116.27741	0.18666	0.18916	0.03724	0.03609	0.02026	0.02016	2.07E-04	1.12E-06	1.15E-06	3.64E-07	3.51E-07	7.09E-08	7.05E-08	2.0954E-04
608289.24	4200794.35	12098.95131	0.18465	0.18714	0.03787	0.0367	0.02031	0.02021	2.06E-04	1.11E-06	1.14E-06	3.70E-07	3.57E-07	7.11E-08	7.06E-08	2.0923E-04

608289.24	4200801.95	12081.04247	0.18263	0.18512	0.03849	0.03732	0.02037	0.02026	2.06E-04	1.10E-06	1.13E-06	3.76E-07	3.63E-07	7.13E-08	7.08E-08	2.0891E-04
608289.24	4200809.55	12063.08765	0.18062	0.18311	0.03912	0.03793	0.02042	0.02031	2.06E-04	1.09E-06	1.12E-06	3.82E-07	3.69E-07	7.15E-08	7.10E-08	2.0859E-04
608289.24	4200817.15	12044.63139	0.17861	0.1811	0.03975	0.03855	0.02047	0.02036	2.05E-04	1.08E-06	1.10E-06	3.88E-07	3.75E-07	7.17E-08	7.12E-08	2.0827E-04
608289.24	4200824.75	12025.98937	0.17661	0.1791	0.04039	0.03918	0.02052	0.02041	2.05E-04	1.06E-06	1.09E-06	3.94E-07	3.81E-07	7.18E-08	7.13E-08	2.0794E-04
608289.24	4200832.35	12007.86035	0.17463	0.17711	0.04103	0.03981	0.02057	0.02045	2.05E-04	1.05E-06	1.08E-06	4.01E-07	3.87E-07	7.20E-08	7.15E-08	2.0762E-04
608289.24	4200839.95	11989.29294	0.17266	0.17513	0.04166	0.04043	0.02061	0.0205	2.04E-04	1.04E-06	1.07E-06	4.07E-07	3.93E-07	7.22E-08	7.16E-08	2.0729E-04
608289.24	4200847.55	11970.32099	0.17069	0.17316	0.0423	0.04106	0.02066	0.02054	2.04E-04	1.03E-06	1.06E-06	4.13E-07	3.99E-07	7.23E-08	7.18E-08	2.0695E-04
608289.24	4200855.15	11950.78364	0.16874	0.17119	0.04294	0.0417	0.0207	0.02058	2.04E-04	1.02E-06	1.04E-06	4.19E-07	4.06E-07	7.25E-08	7.19E-08	2.0661E-04
608289.24	4200862.75	11930.97844	0.16679	0.16924	0.04359	0.04233	0.02075	0.02062	2.03E-04	1.00E-06	1.03E-06	4.26E-07	4.12E-07	7.27E-08	7.21E-08	2.0626E-04
608289.24	4200870.35	11910.99949	0.16487	0.1673	0.04423	0.04296	0.02079	0.02066	2.03E-04	9.93E-07	1.02E-06	4.32E-07	4.18E-07	7.28E-08	7.22E-08	2.0591E-04
608296.11	4200733.55	12175.56459	0.19743	0.19983	0.03292	0.03187	0.01977	0.01969	2.08E-04	1.19E-06	1.22E-06	3.21E-07	3.10E-07	6.92E-08	6.88E-08	2.1059E-04
608296.11	4200741.15	12158.67324	0.19547	0.19789	0.0335	0.03244	0.01983	0.01975	2.07E-04	1.18E-06	1.21E-06	3.27E-07	3.16E-07	6.94E-08	6.90E-08	2.1029E-04
608296.11	4200748.75	12141.62548	0.19351	0.19593	0.03409	0.03302	0.01989	0.01981	2.07E-04	1.17E-06	1.20E-06	3.33E-07	3.21E-07	6.96E-08	6.92E-08	2.0999E-04
608296.11	4200756.35	12124.63475	0.19154	0.19397	0.03469	0.0336	0.01995	0.01987	2.07E-04	1.15E-06	1.18E-06	3.39E-07	3.27E-07	6.99E-08	6.94E-08	2.0969E-04
608296.11	4200763.95	12107.56844	0.18957	0.19201	0.03529	0.03419	0.02001	0.01992	2.06E-04	1.14E-06	1.17E-06	3.45E-07	3.33E-07	7.01E-08	6.96E-08	2.0939E-04
608296.11	4200771.55	12090.71711	0.18761	0.19004	0.0359	0.03478	0.02007	0.01998	2.06E-04	1.13E-06	1.16E-06	3.51E-07	3.38E-07	7.03E-08	6.98E-08	2.0909E-04
608296.11	4200779.15	12073.46546	0.18564	0.18807	0.0365	0.03538	0.02013	0.02003	2.06E-04	1.12E-06	1.15E-06	3.56E-07	3.44E-07	7.05E-08	7.00E-08	2.0878E-04
608296.11	4200786.75	12056.09044	0.18367	0.18611	0.03712	0.03598	0.02018	0.02009	2.06E-04	1.11E-06	1.14E-06	3.63E-07	3.50E-07	7.07E-08	7.02E-08	2.0847E-04
608296.11	4200794.35	12038.8617	0.18171	0.18415	0.03773	0.03658	0.02024	0.02014	2.05E-04	1.09E-06	1.12E-06	3.68E-07	3.56E-07	7.09E-08	7.04E-08	2.0817E-04
608296.11	4200801.95	12021.25042	0.17974	0.18218	0.03835	0.03719	0.02029	0.02019	2.05E-04	1.08E-06	1.11E-06	3.75E-07	3.62E-07	7.10E-08	7.06E-08	2.0785E-04
608296.11	4200809.55	12003.58258	0.17779	0.18022	0.03897	0.0378	0.02034	0.02024	2.05E-04	1.07E-06	1.10E-06	3.81E-07	3.68E-07	7.12E-08	7.07E-08	2.0754E-04
608296.11	4200817.15	11985.52246	0.17584	0.17827	0.03959	0.03841	0.02039	0.02028	2.04E-04	1.06E-06	1.09E-06	3.87E-07	3.74E-07	7.14E-08	7.09E-08	2.0722E-04
608296.11	4200824.75	11967.08077	0.17389	0.17632	0.04022	0.03902	0.02044	0.02033	2.04E-04	1.05E-06	1.08E-06	3.93E-07	3.79E-07	7.16E-08	7.10E-08	2.0690E-04
608296.11	4200832.35	11948.96693	0.17196	0.17439	0.04085	0.03964	0.02049	0.02038	2.04E-04	1.04E-06	1.06E-06	3.99E-07	3.86E-07	7.17E-08	7.12E-08	2.0658E-04
608296.11	4200839.95	11930.70254	0.17004	0.17246	0.04148	0.04026	0.02054	0.02042	2.03E-04	1.02E-06	1.05E-06	4.05E-07	3.92E-07	7.19E-08	7.14E-08	2.0625E-04
608296.11	4200847.55	11912.03519	0.16813	0.17054	0.04211	0.04089	0.02058	0.02046	2.03E-04	1.01E-06	1.04E-06	4.11E-07	3.98E-07	7.21E-08	7.15E-08	2.0592E-04
608296.11	4200855.15	11892.8081	0.16622	0.16862	0.04274	0.04151	0.02062	0.0205	2.03E-04	1.00E-06	1.03E-06	4.17E-07	4.04E-07	7.22E-08	7.16E-08	2.0558E-04
608296.11	4200862.75	11873.23195	0.16433	0.16672	0.04337	0.04213	0.02067	0.02054	2.02E-04	9.89E-07	1.02E-06	4.24E-07	4.10E-07	7.24E-08	7.18E-08	2.0524E-04
608296.11	4200870.35	11853.47764	0.16245	0.16483	0.04401	0.04276	0.02071	0.02058	2.02E-04	9.78E-07	1.01E-06	4.30E-07	4.16E-07	7.25E-08	7.19E-08	2.0489E-04
608302.98	4200733.55	12114.72796	0.19411	0.19647	0.03284	0.0318	0.0197	0.01962	2.07E-04	1.17E-06	1.20E-06	3.21E-07	3.09E-07	6.90E-08	6.86E-08	2.0951E-04
608302.98	4200741.15	12098.31023	0.19221	0.19458	0.03342	0.03237	0.01977	0.01968	2.06E-04	1.16E-06	1.19E-06	3.26E-07	3.15E-07	6.92E-08	6.88E-08	2.0922E-04
608302.98	4200748.75	12081.73932	0.19031	0.19268	0.034	0.03294	0.01983	0.01974	2.06E-04	1.15E-06	1.18E-06	3.32E-07	3.20E-07	6.94E-08	6.90E-08	2.0893E-04
608302.98	4200756.35	12064.72457	0.1884	0.19078	0.03459	0.03351	0.01989	0.0198	2.06E-04	1.13E-06	1.16E-06	3.38E-07	3.26E-07	6.96E-08	6.92E-08	2.0863E-04
608302.98	4200763.95	12047.55334	0.18648	0.18886	0.03518	0.03409	0.01994	0.01985	2.05E-04	1.12E-06	1.15E-06	3.44E-07	3.32E-07	6.98E-08	6.94E-08	2.0833E-04
608302.98	4200771.55	12030.89431	0.18457	0.18696	0.03578	0.03468	0.02	0.01991	2.05E-04	1.11E-06	1.14E-06	3.49E-07	3.37E-07	7.00E-08	6.96E-08	2.0803E-04
608302.98	4200779.15	12013.92473	0.18266	0.18504	0.03638	0.03527	0.02006	0.01996	2.05E-04	1.10E-06	1.13E-06	3.55E-07	3.43E-07	7.02E-08	6.98E-08	2.0773E-04
608302.98	4200786.75	11996.63805	0.18074	0.18313	0.03699	0.03586	0.02011	0.02001	2.05E-04	1.09E-06	1.12E-06	3.61E-07	3.49E-07	7.04E-08	6.99E-08	2.0742E-04
608302.98	4200794.35	11979.3091	0.17883	0.18122	0.03759	0.03646	0.02017	0.02006	2.04E-04	1.08E-06	1.11E-06	3.67E-07	3.55E-07	7.06E-08	7.01E-08	2.0711E-04
608302.98	4200801.95	11961.79405	0.17692	0.17931	0.0382	0.03706	0.02022	0.02011	2.04E-04	1.07E-06	1.09E-06	3.73E-07	3.60E-07	7.08E-08	7.03E-08	2.0680E-04
608302.98	4200809.55	11944.50713	0.17502	0.1774	0.03882	0.03766	0.02027	0.02016	2.04E-04	1.05E-06	1.08E-06	3.79E-07	3.66E-07	7.10E-08	7.05E-08	2.0650E-04
608302.98	4200817.15	11926.84152	0.17312	0.1755	0.03943	0.03826	0.02032	0.02021	2.03E-04	1.04E-06	1.07E-06	3.85E-07	3.72E-07	7.11E-08	7.06E-08	2.0618E-04
608302.98	4200824.75	11908.79536	0.17123	0.17361	0.04005	0.03887	0.02037	0.02025	2.03E-04	1.03E-06	1.06E-06	3.91E-07	3.78E-07	7.13E-08	7.08E-08	2.0587E-04
608302.98	4200832.35	11890.49953	0.16935	0.17172	0.04067	0.03948	0.02041	0.0203	2.03E-04	1.02E-06	1.05E-06	3.97E-07	3.84E-07	7.15E-08	7.09E-08	2.0554E-04
608302.98	4200839.95	11872.43583	0.16747	0.16984	0.04129	0.04009	0.02046	0.02034	2.02E-04	1.01E-06	1.04E-06	4.03E-07	3.90E-07	7.16E-08	7.11E-08	2.0522E-04
608302.98	4200847.55	11854.06693	0.16561	0.16797	0.04191	0.04071	0.0205	0.02038	2.02E-04	9.97E-07	1.02E-06	4.09E-07	3.96E-07	7.18E-08	7.12E-08	2.0490E-04
608302.98	4200855.15	11835.2465	0.16376	0.16611	0.04254	0.04132	0.02054	0.02042	2.02E-04	9.86E-07	1.01E-06	4.15E-07	4.02E-07	7.19E-08	7.14E-08	2.0457E-04
608302.98	4200862.75	11815.8934	0.16191	0.16425	0.04316	0.04194	0.02059	0.02046	2.01E-04	9.75E-07	1.00E-06	4.21E-07	4.08E-07	7.21E-08	7.15E-08	2.0423E-04
608302.98	4200870.35	11796.3607	0.16008	0.16241	0.04378	0.04256	0.02063	0.0205	2.01E-04	9.64E-07	9.91E-07	4.28E-07	4.14E-07	7.22E-08	7.16E-08	2.0389E-04

Ranch EIR Residential Project Construction Parameters

Phase 3

Construction Annual Total PM2.5 (Total PM2.5) **Unmitigated Concentrations**

Annual Average Onsite DPM Rate (grams/m2/sec):	2.51E-08
Annual Average Offsite DPM Emission Rate - Road 1 (grams/sec):	2.51E-04
Annual Average Offsite DPM Emission Rate - Road 2 (grams/sec):	2.54E-04
Annual Average Offsite DPM Emission Rate - Road 3 (grams/sec):	4.07E-04
Annual Average Offsite DPM Emission Rate - Road 4 (grams/sec):	4.06E-04
Annual Average Offsite DPM Emission Rate - Road 5 (grams/sec):	1.46E-04
Annual Average Offsite DPM Emission Rate - Road 6 (grams/sec):	1.46E-04

X	Y	Onsite Phase 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 1 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 4 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 5 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 6 Unit Emissions VALUES AVERAGED AVERAGE CONC	Onsite Phase 3 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 1 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 2 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 3 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 4 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 5 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 6 Annual PM2.5 Total w/Actual Emissions (ug/m3)	**Total DPM (ug/m3)**
605009.76	4201463.46	9951.06161	0.00295	0.00295	0.01178	0.01195	0.10995	0.11322	2.50E-04	7.41E-07	7.51E-07	4.80E-06	4.85E-06	1.61E-05	1.65E-05	2.6137E-04
605020.97	4201489.77	10034.83846	0.00295	0.00296	0.01192	0.0121	0.11465	0.11811	2.52E-04	7.41E-07	7.53E-07	4.86E-06	4.91E-06	1.67E-05	1.72E-05	2.6360E-04
605025.63	4201440.58	10937.12062	0.00301	0.00301	0.01197	0.01215	0.11463	0.11811	2.75E-04	7.56E-07	7.66E-07	4.88E-06	4.93E-06	1.67E-05	1.72E-05	2.8636E-04
605045.35	4201493.83	10577.01547	0.00292	0.00293	0.01195	0.01213	0.11763	0.12129	2.66E-04	7.33E-07	7.45E-07	4.87E-06	4.92E-06	1.72E-05	1.77E-05	2.7724E-04
605052.57	4201438.73	12064.31901	0.00303	0.00303	0.01215	0.01233	0.12091	0.12468	3.03E-04	7.61E-07	7.71E-07	4.95E-06	5.00E-06	1.77E-05	1.82E-05	3.1486E-04
605067.01	4201501.96	11093.38638	0.0029	0.00291	0.01203	0.01221	0.12155	0.12541	2.79E-04	7.28E-07	7.40E-07	4.90E-06	4.95E-06	1.78E-05	1.83E-05	2.9028E-04
605077.3	4201449.8	12824.07783	0.00301	0.00302	0.01225	0.01243	0.12606	0.1301	3.22E-04	7.56E-07	7.68E-07	4.99E-06	5.04E-06	1.84E-05	1.90E-05	3.3404E-04
605088.68	4201514.14	11576.44305	0.00289	0.0029	0.01214	0.01232	0.12652	0.13065	2.91E-04	7.26E-07	7.38E-07	4.94E-06	5.00E-06	1.85E-05	1.90E-05	3.0252E-04
605094.28	4201462.35	13101.05304	0.00297	0.00298	0.01226	0.01244	0.12804	0.1322	3.29E-04	7.46E-07	7.58E-07	4.99E-06	5.05E-06	1.87E-05	1.93E-05	3.4099E-04
605106.29	4201530.4	11859.04624	0.00287	0.00289	0.01225	0.01243	0.13151	0.13591	2.98E-04	7.21E-07	7.35E-07	4.99E-06	5.04E-06	1.92E-05	1.98E-05	3.0970E-04
605113.1	4201473.42	13562.00181	0.00295	0.00295	0.01233	0.01251	0.13192	0.13628	3.41E-04	7.41E-07	7.51E-07	5.02E-06	5.07E-06	1.93E-05	1.99E-05	3.5263E-04
605134.6	4201499.62	13533.87765	0.00288	0.00289	0.01235	0.01253	0.135	0.13952	3.40E-04	7.23E-07	7.35E-07	5.03E-06	5.08E-06	1.97E-05	2.03E-05	3.5190E-04
605151.19	4201482.44	15215.6272	0.00296	0.00297	0.01262	0.0128	0.14433	0.1493	3.83E-04	7.43E-07	7.56E-07	5.14E-06	5.19E-06	2.11E-05	2.18E-05	3.9446E-04
605168.07	4201530.53	14071.15656	0.00285	0.00287	0.01256	0.01275	0.14633	0.15149	3.54E-04	7.16E-07	7.30E-07	5.12E-06	5.17E-06	2.14E-05	2.21E-05	3.6558E-04
605172.03	4201466.28	17878.87846	0.0031	0.00311	0.01308	0.01327	0.16061	0.16635	4.50E-04	7.79E-07	7.91E-07	5.33E-06	5.38E-06	2.35E-05	2.42E-05	4.6188E-04
605181.62	4201558.83	13753.42752	0.00281	0.00283	0.01262	0.01281	0.15097	0.15646	3.46E-04	7.06E-07	7.20E-07	5.14E-06	5.20E-06	2.20E-05	2.28E-05	3.5762E-04
605188.98	4201454.15	20446.21075	0.00321	0.00323	0.01347	0.01367	0.17321	0.17944	5.14E-04	8.06E-07	8.22E-07	5.49E-06	5.55E-06	2.53E-05	2.62E-05	5.2682E-04
605191.33	4201515.02	15952.80831	0.00291	0.00293	0.01284	0.01303	0.15756	0.16325	4.01E-04	7.31E-07	7.45E-07	5.23E-06	5.29E-06	2.30E-05	2.38E-05	4.1315E-04
605193.13	4201585.31	13627.91235	0.0028	0.00283	0.01279	0.01299	0.15889	0.16489	3.43E-04	7.03E-07	7.20E-07	5.21E-06	5.27E-06	2.32E-05	2.40E-05	3.5460E-04
605201.19	4201601.43	13296.47736	0.00275	0.00278	0.01274	0.01294	0.15808	0.16407	3.34E-04	6.91E-07	7.07E-07	5.19E-06	5.25E-06	2.31E-05	2.39E-05	3.4620E-04
605202.19	4201404.28	30314.96847	0.00367	0.00368	0.01494	0.01516	0.19319	0.20005	7.62E-04	9.22E-07	9.36E-07	6.09E-06	6.15E-06	2.82E-05	2.92E-05	7.7642E-04
605207.14	4201438.92	24909.77694	0.00343	0.00344	0.01424	0.01445	0.19283	0.2	6.26E-04	8.61E-07	8.75E-07	5.80E-06	5.86E-06	2.82E-05	2.92E-05	6.3980E-04
605207.2	4201501	17947.74259	0.00301	0.00303	0.01315	0.01335	0.17022	0.17656	4.51E-04	7.56E-07	7.71E-07	5.36E-06	5.42E-06	2.49E-05	2.57E-05	4.6363E-04
605208.1	4201623.31	12572.12144	0.00265	0.00268	0.01256	0.01276	0.15217	0.15788	3.16E-04	6.66E-07	6.82E-07	5.12E-06	5.18E-06	2.22E-05	2.30E-05	3.2779E-04
605226.39	4201488.08	20479.63758	0.00311	0.00313	0.01351	0.01371	0.1852	0.19234	5.15E-04	7.81E-07	7.96E-07	5.50E-06	5.56E-06	2.70E-05	2.80E-05	5.2764E-04
605226.91	4201528.1	17427.90932	0.00293	0.00295	0.01316	0.01336	0.1744	0.18103	4.38E-04	7.36E-07	7.51E-07	5.36E-06	5.42E-06	2.55E-05	2.64E-05	4.5052E-04
605227.67	4201640.58	12749.59312	0.00263	0.00266	0.01267	0.01288	0.15881	0.16497	3.21E-04	6.61E-07	6.77E-07	5.16E-06	5.22E-06	2.32E-05	2.40E-05	3.3233E-04
605241.22	4201548.03	17378.57033	0.00291	0.00294	0.01329	0.0135	0.18354	0.19078	4.37E-04	7.31E-07	7.48E-07	5.41E-06	5.48E-06	2.68E-05	2.78E-05	4.4938E-04
605249.55	4201659	13037.52202	0.00262	0.00265	0.01285	0.01306	0.1688	0.17567	3.28E-04	6.58E-07	6.74E-07	5.23E-06	5.30E-06	2.47E-05	2.56E-05	3.3972E-04
605251.44	4201595.54	16043.06805	0.00286	0.00289	0.01342	0.01363	0.19255	0.20054	4.03E-04	7.18E-07	7.35E-07	5.47E-06	5.53E-06	2.81E-05	2.92E-05	4.1588E-04
605251.89	4201403.82	35832.1866	0.00366	0.00367	0.01505	0.01526	0.21408	0.22267	9.01E-04	9.19E-07	9.34E-07	6.13E-06	6.19E-06	3.13E-05	3.25E-05	9.1524E-04
605255.31	4201424.35	32444.9934	0.00356	0.00357	0.01486	0.01507	0.21806	0.2268	8.16E-04	8.94E-07	9.08E-07	6.05E-06	6.11E-06	3.18E-05	3.31E-05	8.2985E-04
605262.68	4201624.15	15165.51197	0.00278	0.0028	0.01333	0.01355	0.19128	0.19935	3.81E-04	6.98E-07	7.12E-07	5.43E-06	5.50E-06	2.79E-05	2.91E-05	3.9370E-04
605269.83	4201576.12	18270.93229	0.00298	0.00301	0.01384	0.01407	0.21409	0.22334	4.59E-04	7.48E-07	7.66E-07	5.64E-06	5.71E-06	3.13E-05	3.26E-05	4.7231E-04
605271.43	4201670.51	13477.44456	0.00263	0.00265	0.01303	0.01326	0.18013	0.18782	3.39E-04	6.61E-07	6.74E-07	5.31E-06	5.38E-06	2.63E-05	2.74E-05	3.5094E-04
605272.78	4201468.12	26226.85305	0.00324	0.00326	0.01411	0.01431	0.21302	0.22192	6.60E-04	8.14E-07	8.29E-07	5.75E-06	5.80E-06	3.11E-05	3.23E-05	6.7272E-04
605279.99	4201489.75	24052.93274	0.00312	0.00314	0.01391	0.01411	0.20905	0.21772	6.05E-04	7.84E-07	7.99E-07	5.67E-06	5.72E-06	3.05E-05	3.17E-05	6.1783E-04
605283.25	4201414.66	38335.61416	0.00368	0.00369	0.01537	0.01559	0.23544	0.2453	9.64E-04	9.24E-07	9.39E-07	6.26E-06	6.32E-06	3.44E-05	3.58E-05	9.7846E-04
605285.4	4201543.23	20451.88379	0.00299	0.00302	0.01383	0.01404	0.2135	0.22255	5.14E-04	7.51E-07	7.68E-07	5.63E-06	5.70E-06	3.12E-05	3.24E-05	5.2715E-04
605286.18	4201633.34	15800.39754	0.00278	0.00281	0.01354	0.01377	0.20554	0.21458	3.97E-04	6.98E-07	7.15E-07	5.52E-06	5.59E-06	3.00E-05	3.13E-05	4.0984E-04
605286.6	4201513.79	22235.48601	0.00303	0.00306	0.01381	0.01402	0.20836	0.21699	5.59E-04	7.61E-07	7.79E-07	5.62E-06	5.69E-06	3.04E-05	3.16E-05	5.7200E-04
605288.7	4201676.27	13875.79782	0.00263	0.00265	0.01318	0.0134	0.18949	0.19785	3.49E-04	6.61E-07	6.74E-07	5.37E-06	5.44E-06	2.77E-05	2.88E-05	3.6107E-04
605303.55	4201645.09	15836.73114	0.00274	0.00277	0.01358	0.01381	0.21134	0.22086	3.98E-04	6.88E-07	7.05E-07	5.53E-06	5.60E-06	3.09E-05	3.22E-05	4.1077E-04
605305.23	4201576.28	20757.10304	0.00308	0.00311	0.01448	0.01471	0.25115	0.26271	5.22E-04	7.74E-07	7.91E-07	5.90E-06	5.97E-06	3.67E-05	3.83E-05	5.3540E-04
605306.62	4201416.94	42247.2438	0.00379	0.0038	0.01592	0.01616	0.25477	0.26588	1.06E-03	9.52E-07	9.67E-07	6.48E-06	6.56E-06	3.72E-05	3.88E-05	1.0773E-03
605315.44	4201466.31	31105.25782	0.00337	0.00339	0.01478	0.01499	0.25049	0.26186	7.82E-04	8.46E-07	8.62E-07	6.02E-06	6.08E-06	3.66E-05	3.82E-05	7.9601E-04
605322.05	4201586.49	21392.46733	0.00311	0.00314	0.01479	0.01504	0.2715	0.28441	5.38E-04	7.81E-07	7.99E-07	6.02E-06	6.10E-06	3.96E-05	4.15E-05	5.5166E-04
605331.61	4201420.86	45813.83566	0.00388	0.0039	0.01649	0.01673	0.27743	0.29023	1.15E-03	9.74E-07	9.92E-07	6.72E-06	6.79E-06	4.05E-05	4.23E-05	1.1675E-03
605335.73	4201683.92	15336.89307	0.00267	0.00269	0.01368	0.01391	0.22453	0.23543	3.86E-04	6.71E-07	6.84E-07	5.57E-06	5.64E-06	3.28E-05	3.43E-05	3.9824E-04
605338.73	4201527.72	24487.03484	0.00305	0.00307	0.0143	0.01451	0.24316	0.25419	6.16E-04	7.66E-07	7.81E-07	5.82E-06	5.89E-06	3.55E-05	3.70E-05	6.2903E-04
605341.29	4201471.54	33096.65592	0.00343	0.00345	0.01516	0.01539	0.27732	0.29067	8.32E-04	8.61E-07	8.78E-07	6.17E-06	6.24E-06	4.05E-05	4.24E-05	8.4643E-04
605343.08	4201606.92	21245.63888	0.00309	0.00312	0.01499	0.01525	0.29152	0.30595	5.34E-04	7.76E-07	7.94E-07	6.11E-06	6.19E-06	4.26E-05	4.46E-05	5.4812E-04
605346.39	4201549.18	23802.15546	0.00305	0.00308	0.01449	0.01472	0.26143	0.27384	5.99E-04	7.66E-07	7.84E-07	5.90E-06	5.97E-06	3.82E-05	3.99E-05	6.1197E-04
605347.42	4201504.74	27653.18416	0.00316	0.00319	0.01457	0.01478	0.25826	0.27051	6.95E-04	7.94E-07	8.12E-07	5.93E-06	6.00E-06	3.77E-05	3.94E-05	7.0892E-04
605353.26	4201422.76	48701.97423	0.00395	0.00397	0.01692	0.01717	0.29815	0.31288	1.22E-03	9.92E-07	1.01E-06	6.89E-06	6.96E-06	4.35E-05	4.56E-05	1.2406E-03
605355.14	4201690.56	15827.60483	0.00269	0.00271	0.01389	0.01414	0.24198	0.25428	3.98E-04	6.76E-07	6.89E-07	5.66E-06	5.74E-06	3.53E-05	3.71E-05	4.1077E-04
605358.21	4201654.29	18151.53871	0.00285	0.00287	0.0144	0.01465	0.27037	0.2843	4.56E-04	7.16E-07	7.30E-07	5.87E-06	5.94E-06	3.95E-05	4.14E-05	4.6971E-04
605363.25	4201470.52	35999.28074	0.00353	0.00356	0.01568	0.01592	0.30717	0.32267	9.05E-04	8.87E-07	9.06E-07	6.39E-06	6.46E-06	4.49E-05	4.70E-05	9.1990E-04
605367.72	4201603.92	23255.79007	0.00319	0.00322	0.01557	0.01584	0.33023	0.34751	5.85E-04	8.01E-07	8.19E-07	6.34E-06	6.43E-06	4.82E-05	5.07E-05	5.9920E-04
605371.93	4201559.39	24979.67051	0.00311	0.00314	0.01495	0.01518	0.29864	0.31403	6.28E-04	7.81E-07	7.99E-07	6.09E-06	6.16E-06	4.36E-05	4.58E-05	6.4198E-04
605375.91	4201424.82	50831.6277	0.004	0.00402	0.01725	0.0175	0.32226	0.33904	1.28E-03	1.00E-06	1.02E-06	7.03E-06	7.10E-06	4.71E-05	4.94E-05	1.2944E-03
605379.67	4201688.01	16980.07181	0.00275	0.00277	0.01428	0.01453	0.27281	0.28749	4.27E-04	6.91E-07	7.05E-07	5.82E-06	5.89E-06	3.98E-05	4.19E-05	4.4010E-04
605382.73	4201653.78	19397.23015	0.00291	0.00293	0.0148	0.01506	0.30463	0.32129	4.88E-04	7.31E-07	7.45E-07	6.03E-06	6.11E-06	4.45E-05	4.68E-05	5.0139E-04
605391.16	4201606.92	24881.41245	0.00328	0.00332	0.01617	0.01645	0.37145	0.39227	6.26E-04	8.24E-07	8.45E-07	6.59E-06	6.67E-06	5.42E-05	5.72E-05	6.4061E-04
605392.87	4201547.64	26377.02341	0.00309	0.00312	0.01496	0.01518	0.30317	0.31899	6.63E-04	7.76E-07	7.94E-07	6.09E-06	6.16E-06	4.43E-05	4.65E-05	6.7712E-04
605397.74	4201432.23	50304.25353	0.00397	0.00399	0.01731	0.01757	0.34987	0.36919	1.26E-03	9.97E-07	1.02E-06	7.05E-06	7.13E-06	5.11E-05	5.38E-05	1.2812E-03
605400.1	4201689.03	17755.9543	0.00278	0.0028	0.01457	0.01482	0.29963	0.31661	4.47E-04	6.98E-07	7.12E-07	5.93E-06	6.01E-06	4.38E-05	4.61E-05	4.5986E-04
605401.04	4201524.15	28616.3576	0.00313	0.00316	0.015	0.01521	0.30202	0.31793	7.20E-04	7.86E-07	8.04E-07	6.11E-06	6.17E-06	4.41E-05	4.63E-05	7.3348E-04
605402.58	4201503.72	31476.66334	0.00324	0.00327	0.0152	0.01542	0.31565	0.33301	7.92E-04	8.14E-07	8.32E-07	6.19E-06	6.26E-06	4.61E-05	4.85E-05	8.0563E-04
605407.25	4201655.82	20334.71473	0.00294	0.00297	0.01513	0.0154	0.33857	0.35813	5.11E-04	7.38E-07	7.56E-07	6.16E-06	6.25E-06	4.94E-05	5.22E-05	5.2526E-04
605407.68	4201483.8	35935.28071	0.00344	0.00347	0.01574	0.01596	0.34715	0.36718	9.04E-04	8.64E-07	8.83E-07	6.41E-06	6.47E-06	5.07E-05	5.35E-05	9.1829E-04
605416.39	4201604.52	26330.71098	0.00333	0.00336	0.01653	0.01682	0.41318	0.43749	6.62E-04	8.36E-07	8.55E-07	6.73E-06	6.82E-06	6.03E-05	6.38E-05	6.7738E-04
605416.69	4201438.82	49488.97983	0.00394	0.00396	0.01732	0.01758	0.37663	0.39816	1.24E-03	9.90E-07	1.01E-06	7.05E-06	7.13E-06	5.50E-05	5.80E-05	1.2607E-03
605423.6	4201689.54	18587.75863	0.00281	0.00283	0.01487	0.01514	0.33225	0.3522	4.67E-04	7.06E-07	7.20E-07	6.06E-06	6.14E-06	4.85E-05	5.13E-05	4.8105E-04
605425.13	4201659.91	20781.20895	0.00295	0.00298	0.01533	0.0156	0.36407	0.38614	5.23E-04	7.41E-07	7.58E-07	6.24E-06	6.33E-06	5.32E-05	5.63E-05	5.3665E-04
605438.52	4201442.12	49767.92912	0.00393	0.00395	0.01743	0.0177	0.40979	0.43478	1.25E-03	9.87E-07	1.00E-06	7.10E-06	7.18E-06	5.98E-05	6.34E-05	1.2678E-03
605439.23	4201611.73	26814.54456	0.00334	0.00337	0.01681	0.01711	0.45757	0.48614	6.74E-04	8.39E-07	8.57E-07	6.85E-06	6.94E-06	6.68E-05	7.09E-05	6.8978E-04
605440.46	4201696.18	18813.86003	0.00282	0.00284	0.01504	0.01531	0.35557	0.37798	4.73E-04	7.08E-07	7.23E-07	6.13E-06	6.21E-06	5.19E-05	5.51E-05	4.8688E-04
605441.9	4201530.28	30927.83462	0.00323	0.00326	0.01565	0.01588	0.37673	0.3999	7.78E-04	8.11E-07	8.29E-07	6.37E-06	6.44E-06	5.50E-05	5.83E-05	7.9219E-04
605441.9	4201555.3	29483.68868	0.00326	0.00329	0.01597	0.01622	0.40949	0.43524	7.41E-04	8.19E-07	8.37E-07	6.50E-06	6.58E-06	5.98E-05	6.34E-05	7.5616E-04
605448.12	4201661.95	21706.7905	0.003	0.00303	0.01571	0.016	0.41161	0.43855	5.46E-04	7.53E-07	7.71E-07	6.40E-06	6.49E-06	6.01E-05	6.39E-05	5.6027E-04
605450.08	4201487.89	37718.635	0.00347	0.0035	0.01616	0.0164	0.41026	0.43677	9.49E-04	8.71E-07	8.90E-07	6.58E-06	6.65E-06	5.99E-05	6.37E-05	9.6350E-04
605450.59	4201506.27	34550.04769	0.00335	0.00338	0.01592	0.01615	0.39992	0.42555	8.69E-04	8.41E-07	8.60E-07	6.48E-06	6.55E-06	5.84E-05	6.20E-05	8.8356E-04
605456.65	4201611.13	27722.03822	0.00338	0.00341	0.0171	0.0174	0.49801	0.53105	6.97E-04	8.49E-07	8.68E-07	6.97E-06	7.06E-06	7.27E-05	7.74E-05	7.1286E-04
605459.12	4201443.35	50531.68065	0.00394	0.00397	0.01761	0.01788	0.4455	0.47423	1.27E-03	9.90E-07	1.01E-06	7.17E-06	7.25E-06	6.51E-05	6.91E-05	1.2871E-03
605462.43	4201701.8	19277.18009	0.00284	0.00286	0.01531	0.01559	0.39407	0.42077	4.85E-04	7.13E-07	7.28E-07	6.24E-06	6.32E-06	5.75E-05	6.13E-05	4.9876E-04
605466.42	4201572.67	30243.44775	0.00337	0.0034	0.01676	0.01703	0.49393	0.52743	7.61E-04	8.46E-07	8.65E-07	6.83E-06	6.91E-06	7.21E-05	7.69E-05	7.7597E-04
605467.03	4201661.95	22695.98981	0.00307	0.00309	0.01613	0.01642	0.46477	0.49718	5.71E-04	7.71E-07	7.86E-07	6.57E-06	6.66E-06	6.79E-05	7.25E-05	5.8552E-04
605483.09	4201613.53	28681.15404	0.00342	0.00345	0.0175	0.01781	0.57034	0.61221	7.21E-04	8.59E-07	8.78E-07	7.13E-06	7.22E-06	8.33E-05	8.92E-05	7.3733E-04
605483.88	4201705.38	19937.2519	0.00289	0.0029	0.01567	0.01596	0.44836	0.48116	5.01E-04	7.26E-07	7.38E-07	6.38E-06	6.47E-06	6.55E-05	7.01E-05	5.1568E-04
605484.66	4201447.47	50775.22089	0.00395	0.00398	0.01785	0.01812	0.49981	0.53446	1.28E-03	9.92E-07	1.01E-06	7.27E-06	7.35E-06	7.30E-05	7.79E-05	1.2935E-03
605492.57	4201664	23891.40934	0.00316	0.00318	0.0167	0.01701	0.55145	0.59367	6.01E-04	7.94E-07	8.09E-07	6.80E-06	6.90E-06	8.05E-05	8.65E-05	6.1610E-04
605492.98	4201561.94	31633.43191	0.00336	0.0034	0.01681	0.01708	0.54229	0.58375	7.95E-04	8.44E-07	8.65E-07	6.85E-06	6.93E-06	7.92E-05	8.51E-05	8.1096E-04
605498.6	4201538.96	33016.44401	0.00332	0.00335	0.01647	0.01671	0.50926	0.54855	8.30E-04	8.34E-07	8.52E-07	6.71E-06	6.78E-06	7.44E-05	8.00E-05	8.4543E-04
605501.15	4201514.96	35743.3342	0.00338	0.00341	0.01649	0.01673	0.50649	0.54572	8.99E-04	8.49E-07	8.68E-07	6.72E-06	6.79E-06	7.40E-05	7.95E-05	9.1405E-04
605502.92	4201612.33	29508.70362	0.00345	0.00349	0.01778	0.01809	0.6348	0.68507	7.42E-04	8.66E-07	8.88E-07	7.24E-06	7.34E-06	9.27E-05	9.99E-05	7.5838E-04
605503.19	4201494.01	39331.27349	0.00351	0.00355	0.01676	0.01701	0.52643	0.56761	9.89E-04	8.82E-07	9.03E-07	6.83E-06	6.90E-06	7.69E-05	8.27E-05	1.0046E-03
605504.84	4201447.88	52319.74852	0.00402	0.00405	0.01829	0.01858	0.55312	0.59496	1.32E-03	1.01E-06	1.03E-06	7.45E-06	7.54E-06	8.08E-05	8.67E-05	1.3327E-03
605506.45	4201709.81	20736.81926	0.00296	0.00298	0.01616	0.01647	0.53053	0.57377	5.21E-04	7.43E-07	7.58E-07	6.58E-06	6.68E-06	7.75E-05	8.36E-05	5.3623E-04
605507.9	4201666.04	24611.98917	0.00322	0.00324	0.0171	0.01742	0.61754	0.66807	6.19E-04	8.09E-07	8.24E-07	6.97E-06	7.07E-06	9.02E-05	9.74E-05	6.3458E-04
605523.95	4201611.73	30349.32728	0.00349	0.00352	0.0181	0.01842	0.7198	0.78222	7.63E-04	8.76E-07	8.96E-07	7.37E-06	7.47E-06	1.05E-04	1.14E-04	7.7980E-04
605525.44	4201445.41	55250.93199	0.00416	0.00419	0.01899	0.01929	0.61887	0.67059	1.39E-03	1.04E-06	1.07E-06	7.73E-06	7.82E-06	9.04E-05	9.77E-05	1.4071E-03
605529.85	4201708.66	21857.7945	0.00305	0.00307	0.01673	0.01705	0.64117	0.69871	5.50E-04	7.66E-07	7.81E-07	6.81E-06	6.92E-06	9.36E-05	1.02E-04	5.6493E-04
605535.44	4201664.55	26323.18149	0.00336	0.00338	0.01794	0.01827	0.76843	0.83973	6.62E-04	8.44E-07	8.60E-07	7.31E-06	7.41E-06	1.12E-04	1.22E-04	6.7837E-04
605544.56	4201490.44	42161.93886	0.00364	0.00368	0.01752	0.01779	0.68202	0.74586	1.06E-03	9.14E-07	9.36E-07	7.14E-06	7.22E-06	9.96E-05	1.09E-04	1.0764E-03
605546.45	4201443.77	57044.04836	0.00424	0.00428	0.01949	0.0198	0.69753	0.76333	1.43E-03	1.06E-06	1.09E-06	7.94E-06	8.03E-06	1.02E-04	1.11E-04	1.4526E-03
605546.79	4201603.32	31440.83325	0.00351	0.00354	0.01826	0.01857	0.82057	0.8996	7.91E-04	8.82E-07	9.01E-07	7.44E-06	7.53E-06	1.20E-04	1.31E-04	8.0739E-04
605547.12	4201515.47	37507.90349	0.00345	0.00349	0.01711	0.01737	0.66138	0.72561	9.43E-04	8.66E-07	8.88E-07	6.97E-06	7.05E-06	9.66E-05	1.06E-04	9.5897E-04
605553.76	4201533.34	35229.05937	0.00337	0.00341	0.01706	0.01732	0.67397	0.74166	8.86E-04	8.46E-07	8.68E-07	6.95E-06	7.03E-06	9.84E-05	1.08E-04	9.0159E-04
605554.89	4201703.55	23512.9295	0.00319	0.00321	0.01754	0.01788	0.81759	0.90038	5.91E-04	8.01E-07	8.17E-07	7.14E-06	7.25E-06	1.19E-04	1.31E-04	6.0729E-04
605558.77	4201654.65	28611.23978	0.00353	0.00355	0.01887	0.01922	0.94405	1.04388	7.19E-04	8.87E-07	9.03E-07	7.69E-06	7.80E-06	1.38E-04	1.52E-04	7.3675E-04
605564.99	4201556.84	33545.26565	0.00337	0.0034	0.01734	0.01761	0.76815	0.85274	8.44E-04	8.46E-07	8.65E-07	7.06E-06	7.14E-06	1.12E-04	1.24E-04	8.5947E-04
605565.42	4201590.1	32388.39376	0.00349	0.00352	0.01816	0.01846	0.89866	0.99671	8.14E-04	8.76E-07	8.96E-07	7.40E-06	7.49E-06	1.31E-04	1.45E-04	8.3112E-04
605567.46	4201442.94	56559.94124	0.00421	0.00424	0.01945	0.01976	0.78933	0.87304	1.42E-03	1.06E-06	1.08E-06	7.92E-06	8.02E-06	1.15E-04	1.27E-04	1.4404E-03
605573.79	4201690.78	25601.63508	0.00336	0.00338	0.0184	0.01876	1.00771	1.12207	6.44E-04	8.44E-07	8.60E-07	7.49E-06	7.61E-06	1.47E-04	1.64E-04	6.6061E-04
605579.28	4201648.29	29925.53684	0.00361	0.00364	0.01938	0.01974	1.11891	1.25037	7.53E-04	9.07E-07	9.26E-07	7.89E-06	8.01E-06	1.63E-04	1.82E-04	7.7026E-04
605581.34	4201577.78	33104.09308	0.00345	0.00349	0.01801	0.01831	0.96662	1.08678	8.32E-04	8.66E-07	8.88E-07	7.34E-06	7.43E-06	1.41E-04	1.58E-04	8.4898E-04
605585.21	4201494.54	42663.93771	0.00368	0.00371	0.01804	0.01832	0.90019	1.00458	1.07E-03	9.24E-07	9.44E-07	7.35E-06	7.43E-06	1.31E-04	1.46E-04	1.0895E-03
605590.11	4201443.35	56038.5037	0.00419	0.00423	0.01952	0.01983	0.91799	1.02813	1.41E-03	1.05E-06	1.08E-06	7.95E-06	8.04E-06	1.34E-04	1.50E-04	1.4273E-03
605590.91	4201684.04	27088.41928	0.00349	0.00351	0.01912	0.01949	1.21218	1.36759	6.81E-04	8.76E-07	8.93E-07	7.79E-06	7.91E-06	1.77E-04	1.99E-04	6.9865E-04
605596.96	4201631.32	31305.07378	0.00363	0.00365	0.01944	0.01979	1.27921	1.44521	7.87E-04	9.12E-07	9.29E-07	7.92E-06	8.03E-06	1.87E-04	2.11E-04	8.0501E-04
605608.24	4201447.88	55000.27646	0.00418	0.00421	0.01966	0.01997	1.06526	1.20922	1.38E-03	1.05E-06	1.07E-06	8.01E-06	8.10E-06	1.56E-04	1.76E-04	1.4013E-03
605612.32	4201491.81	44728.97585	0.00381	0.00385	0.01877	0.01907	1.1653	1.3278	1.12E-03	9.57E-07	9.80E-07	7.65E-06	7.74E-06	1.70E-04	1.94E-04	1.1421E-03
605612.51	4201618.59	32062.38684	0.00361	0.00363	0.01932	0.01967	1.42989	1.64029	8.06E-04	9.07E-07	9.24E-07	7.87E-06	7.98E-06	2.09E-04	2.39E-04	8.2394E-04
605617.05	4201550.42	35674.14244	0.00347	0.00351	0.01814	0.01843	1.21236	1.41825	8.97E-04	8.71E-07	8.93E-07	7.39E-06	7.48E-06	1.77E-04	2.07E-04	9.1372E-04
605617.31	4201676.04	28840.1685	0.00364	0.00366	0.02003	0.02042	1.62307	1.87869	7.25E-04	9.14E-07	9.31E-07	8.16E-06	8.28E-06	2.37E-04	2.74E-04	7.4352E-04
605622.85	4201440.76	57380.65233	0.00428	0.00432	0.02013	0.02045	1.2018	1.38553	1.44E-03	1.07E-06	1.10E-06	8.20E-06	8.30E-06	1.76E-04	2.02E-04	1.4616E-03
605629.67	4201535.39	37891.16727	0.00357	0.0036	0.01846	0.01875	1.41846	1.68116	9.53E-04	8.97E-07	9.16E-07	7.52E-06	7.61E-06	2.07E-04	2.45E-04	9.6978E-04
605633.16	4201493.26	46082.15699	0.00394	0.00398	0.01949	0.01981	1.47909	1.72639	1.16E-03	9.90E-07	1.01E-06	7.94E-06	8.04E-06	2.16E-04	2.52E-04	1.1768E-03
605646.71	4201591.06	33531.66897	0.00355	0.00358	0.01907	0.0194	1.95227	2.40481	8.43E-04	8.92E-07	9.11E-07	7.77E-06	7.87E-06	2.85E-04	3.51E-04	8.6065E-04
605651.9	4201523.98	40463.15725	0.00372	0.00376	0.01912	0.01943	1.93411	2.37027	1.02E-03	9.34E-07	9.57E-07	7.79E-06	7.88E-06	2.82E-04	3.45E-04	1.0351E-03
605652.06	4201496.17	46541.21258	0.00402	0.00406	0.02002	0.02035	1.8879	2.29038	1.17E-03	1.01E-06	1.03E-06	8.15E-06	8.25E-06	2.76E-04	3.34E-04	1.1888E-03
605652.36	4201436.02	60263.97535	0.00448	0.00452	0.02116	0.0215	1.68445	2.0419	1.52E-03	1.13E-06	1.15E-06	8.62E-06	8.72E-06	2.46E-04	2.98E-04	1.5351E-03
605663.57	4201579.82	34196.28846	0.00353	0.00356	0.01906	0.01938	2.43715	3.19403	8.60E-04	8.87E-07	9.06E-07	7.76E-06	7.86E-06	3.56E-04	4.66E-04	8.7734E-04
605664.73	4201615.37	32718.46917	0.00364	0.00366	0.01985	0.0202	2.68445	3.45147	8.23E-04	9.14E-07	9.31E-07	8.09E-06	8.19E-06	3.92E-04	5.03E-04	8.4089E-04
605666.66	4201657.64	31076.01984	0.00378	0.0038	0.02091	0.02131	3.17061	4.01848	7.81E-04	9.49E-07	9.67E-07	8.52E-06	8.64E-06	4.63E-04	5.86E-04	8.0054E-04
605667.86	4201640.21	31667.82609	0.0037	0.00373	0.02042	0.02079	2.99333	3.82715	7.96E-04	9.29E-07	9.49E-07	8.32E-06	8.43E-06	4.37E-04	5.58E-04	8.1497E-04
605676.3	4201482.12	51236.94148	0.00431	0.00435	0.02132	0.02168	2.76897	3.67461	1.29E-03	1.08E-06	1.11E-06	8.68E-06	8.79E-06	4.04E-04	5.36E-04	1.3081E-03
605679.28	4201449.87	59024.11554	0.00461	0.00465	0.02219	0.02255	2.82984	3.89843	1.48E-03	1.16E-06	1.18E-06	9.04E-06	9.15E-06	4.13E-04	5.68E-04	1.5048E-03
605679.91	4201566.03	35375.72165	0.00356	0.00359	0.01919	0.01951	3.23701	4.62777	8.90E-04	8.94E-07	9.13E-07	7.82E-06	7.91E-06	4.73E-04	6.75E-04	9.0712E-04
605680.74	4201532.99	39538.38235	0.00372	0.00376	0.01949	0.01981	3.2316	4.40097	9.94E-04	9.34E-07	9.57E-07	7.94E-06	8.04E-06	4.72E-04	6.41E-04	1.0121E-03
605752.64	4201613.91	33791.04815	0.0038	0.00383	0.02139	0.02178	11.76428	8.42503	8.50E-04	9.54E-07	9.74E-07	8.71E-06	8.84E-06	1.72E-03	1.23E-03	8.6921E-04
605753.43	4201572.13	35724.80477	0.0037	0.00373	0.02058	0.02094	12.93553	8.86091	8.98E-04	9.29E-07	9.49E-07	8.38E-06	8.49E-06	1.89E-03	1.29E-03	9.1712E-04
605753.43	4201592.62	34576.35607	0.00373	0.00376	0.02088	0.02125	12.07983	8.49809	8.69E-04	9.37E-07	9.57E-07	8.50E-06	8.62E-06	1.76E-03	1.24E-03	8.8850E-04
605755.8	4201636.77	33681.50971	0.004	0.00403	0.02258	0.02301	10.56552	7.82454	8.47E-04	1.00E-06	1.03E-06	9.20E-06	9.33E-06	1.54E-03	1.14E-03	8.6754E-04
605756.59	4201550.06	38079.40676	0.00379	0.00383	0.02075	0.02111	11.53113	8.11245	9.58E-04	9.52E-07	9.74E-07	8.45E-06	8.56E-06	1.68E-03	1.18E-03	9.7652E-04
605756.59	4201659.63	32831.50422	0.00412	0.00414	0.02342	0.02387	10.35379	7.74226	8.26E-04	1.03E-06	1.05E-06	9.54E-06	9.68E-06	1.51E-03	1.13E-03	8.4692E-04
605757.37	4201681.7	31240.38165	0.0041	0.00412	0.02348	0.02394	10.47509	7.80918	7.86E-04	1.03E-06	1.05E-06	9.56E-06	9.71E-06	1.53E-03	1.14E-03	8.0695E-04
605758.95	4201524.04	42705.26602	0.00407	0.00411	0.02159	0.02196	10.36621	7.5477	1.07E-03	1.02E-06	1.05E-06	8.79E-06	8.91E-06	1.51E-03	1.10E-03	1.0937E-03
605760.53	4201505.91	46888.93953	0.00433	0.00438	0.02251	0.0229	10.14541	7.32523	1.18E-03	1.09E-06	1.11E-06	9.17E-06	9.29E-06	1.48E-03	1.07E-03	1.1998E-03
605762.1	4201482.26	52810.37874	0.00469	0.00474	0.02382	0.02422	10.4249	7.18683	1.33E-03	1.18E-06	1.21E-06	9.70E-06	9.82E-06	1.52E-03	1.05E-03	1.3499E-03
605764.55	4201731.52	27068.44128	0.00383	0.00384	0.02249	0.02295	9.20636	7.04557	6.81E-04	9.62E-07	9.77E-07	9.16E-06	9.31E-06	1.34E-03	1.03E-03	7.0109E-04
605767.62	4201463.35	56216.94921	0.00483	0.00488	0.02416	0.02456	9.30022	6.41748	1.41E-03	1.21E-06	1.24E-06	9.84E-06	9.96E-06	1.36E-03	9.35E-04	1.4359E-03
605767.9	4201752.3	25487.38377	0.00372	0.00373	0.02204	0.0225	8.3951	6.48025	6.41E-04	9.34E-07	9.49E-07	8.98E-06	9.13E-06	1.23E-03	9.45E-04	6.6091E-04
605767.9	4201771.74	24167.70502	0.00363	0.00364	0.02165	0.02211	8.25958	6.35622	6.08E-04	9.12E-07	9.26E-07	8.82E-06	8.97E-06	1.21E-03	9.26E-04	6.2736E-04
605768.57	4201808.61	22359.82687	0.00358	0.00359	0.02143	0.0219	7.95668	6.17949	5.62E-04	8.99E-07	9.13E-07	8.73E-06	8.88E-06	1.16E-03	9.01E-04	5.8170E-04
605774.72	4201432.6	59401.02817	0.00479	0.00484	0.0234	0.02377	6.19072	4.78215	1.49E-03	1.20E-06	1.23E-06	9.53E-06	9.64E-06	9.04E-04	6.97E-04	1.5154E-03
605796.06	4201826.04	22125.04905	0.00372	0.00372	0.02228	0.02279	5.03138	4.18473	5.56E-04	9.34E-07	9.46E-07	9.07E-06	9.24E-06	7.35E-04	6.10E-04	5.7657E-04
605803.82	4201672.8	32423.37718	0.00429	0.00431	0.02478	0.02528	4.36327	3.75085	8.15E-04	1.08E-06	1.10E-06	1.01E-05	1.03E-05	6.37E-04	5.47E-04	8.3787E-04
605804.38	4201419.48	58412.94599	0.0047	0.00475	0.02296	0.02329	2.56423	2.3345	1.47E-03	1.18E-06	1.21E-06	9.35E-06	9.45E-06	3.74E-04	3.40E-04	1.4901E-03
605804.49	4201580.95	38639.35771	0.00423	0.00426	0.0235	0.02394	4.16306	3.56917	9.72E-04	1.06E-06	1.08E-06	9.57E-06	9.71E-06	6.08E-04	5.20E-04	9.9308E-04
605810.53	4201617.83	36851.43121	0.00441	0.00443	0.02491	0.02539	3.85222	3.33582	9.27E-04	1.11E-06	1.13E-06	1.01E-05	1.03E-05	5.63E-04	4.86E-04	9.4937E-04
605814.67	4201508.36	48623.66931	0.00474	0.00479	0.02496	0.02539	3.50243	2.99254	1.22E-03	1.19E-06	1.22E-06	1.02E-05	1.03E-05	5.11E-04	4.36E-04	1.2456E-03
605814.67	4201534.29	44297.06811	0.0045	0.00454	0.02423	0.02466	3.57673	3.08338	1.11E-03	1.13E-06	1.16E-06	9.87E-06	1.00E-05	5.22E-04	4.49E-04	1.1361E-03
605816.17	4201744.25	25932.93576	0.00378	0.00379	0.02272	0.02319	3.94792	3.42376	6.52E-04	9.49E-07	9.64E-07	9.25E-06	9.41E-06	5.77E-04	4.99E-04	6.7270E-04
605819.2	4201487.79	51028.59536	0.00479	0.00484	0.02486	0.02527	3.27199	2.79157	1.28E-03	1.20E-06	1.23E-06	1.01E-05	1.03E-05	4.78E-04	4.07E-04	1.3060E-03
605820.86	4201722.13	27720.85429	0.00393	0.00394	0.0234	0.02388	3.80206	3.30911	6.97E-04	9.87E-07	1.00E-06	9.53E-06	9.69E-06	5.55E-04	4.82E-04	7.1830E-04
605820.86	4201768.39	23882.54294	0.00359	0.0036	0.02196	0.02241	3.5997	3.14885	6.01E-04	9.02E-07	9.16E-07	8.94E-06	9.09E-06	5.26E-04	4.59E-04	6.2042E-04
605823.31	4201467.62	52864.24674	0.00478	0.00483	0.02441	0.02479	3.01079	2.5698	1.33E-03	1.20E-06	1.23E-06	9.94E-06	1.01E-05	4.40E-04	3.75E-04	1.3518E-03
605826.19	4201439.64	55402.37357	0.00474	0.00479	0.0237	0.02405	2.49568	2.19111	1.39E-03	1.19E-06	1.22E-06	9.65E-06	9.76E-06	3.64E-04	3.19E-04	1.4150E-03
605827.96	4201666.77	33085.68307	0.0044	0.00442	0.02551	0.02602	3.27161	2.8942	8.32E-04	1.11E-06	1.12E-06	1.04E-05	1.06E-05	4.78E-04	4.22E-04	8.5517E-04
605829.3	4201579.61	40247.94168	0.00452	0.00456	0.02518	0.02565	3.05814	2.69954	1.01E-03	1.14E-06	1.16E-06	1.03E-05	1.04E-05	4.47E-04	3.93E-04	1.0351E-03
605830.25	4201806.6	22615.33999	0.00368	0.00368	0.02242	0.02291	3.30489	2.89517	5.69E-04	9.24E-07	9.36E-07	9.13E-06	9.29E-06	4.83E-04	4.22E-04	5.8899E-04
605842.32	4201838.78	22034.08109	0.00389	0.00389	0.02346	0.024	2.97206	2.62222	5.54E-04	9.77E-07	9.90E-07	9.56E-06	9.74E-06	4.34E-04	3.82E-04	5.7534E-04
605846.73	4201613.8	37964.51698	0.00468	0.00471	0.02657	0.02708	2.5719	2.31159	9.55E-04	1.18E-06	1.20E-06	1.08E-05	1.10E-05	3.76E-04	3.37E-04	9.7887E-04
605847.01	4201720.79	27601.19518	0.00393	0.00394	0.02365	0.02415	2.90104	2.58915	6.94E-04	9.87E-07	1.00E-06	9.63E-06	9.80E-06	4.24E-04	3.77E-04	7.1550E-04
605848.35	4201757.66	24417.61901	0.00364	0.00365	0.02245	0.02292	2.74626	2.46354	6.14E-04	9.14E-07	9.29E-07	9.14E-06	9.30E-06	4.01E-04	3.59E-04	6.3431E-04
605850.75	4201582.29	40589.07461	0.0047	0.00473	0.02632	0.02681	2.44691	2.20224	1.02E-03	1.18E-06	1.20E-06	1.07E-05	1.09E-05	3.57E-04	3.21E-04	1.0447E-03
605851.42	4201667.44	32819.44535	0.00441	0.00442	0.02577	0.02629	2.65332	2.38701	8.25E-04	1.11E-06	1.12E-06	1.05E-05	1.07E-05	3.87E-04	3.48E-04	8.4870E-04
605854.59	4201515.36	46944.79529	0.00478	0.00482	0.02561	0.02605	2.25375	2.0207	1.18E-03	1.20E-06	1.23E-06	1.04E-05	1.06E-05	3.29E-04	2.95E-04	1.2039E-03

605854.59	4201537.17	45028.58549	0.0048	0.00484	0.02611	0.02657	2.28515	2.05595	1.13E-03	1.21E-06	1.23E-06	1.06E-05	1.08E-05	3.34E-04	3.00E-04	1.1562E-03
605857.05	4201470.09	50115.4187	0.00466	0.00471	0.02419	0.02456	2.00573	1.7981	1.26E-03	1.17E-06	1.20E-06	9.85E-06	9.96E-06	2.93E-04	2.62E-04	1.2824E-03
605857.05	4201491.49	48526.19903	0.0047	0.00475	0.02482	0.02522	2.13375	1.91033	1.22E-03	1.18E-06	1.21E-06	1.01E-05	1.02E-05	3.12E-04	2.78E-04	1.2430E-03
605860.35	4201439.64	52768.18116	0.00465	0.0047	0.02358	0.02391	1.64677	1.50952	1.33E-03	1.17E-06	1.20E-06	9.60E-06	9.70E-06	2.40E-04	2.20E-04	1.3486E-03
605865.78	4201716.1	27835.8329	0.00397	0.00398	0.02399	0.0245	2.4601	2.22253	7.00E-04	9.97E-07	1.01E-06	9.77E-06	9.94E-06	3.59E-04	3.24E-04	7.2170E-04
605870.86	4201658.05	33609.07532	0.0045	0.00452	0.02636	0.0269	2.23819	2.03702	8.45E-04	1.13E-06	1.15E-06	1.07E-05	1.09E-05	3.27E-04	2.97E-04	8.6909E-04
605872.48	4201754.31	24640.28597	0.0037	0.00371	0.02295	0.02343	2.25384	2.04806	6.20E-04	9.29E-07	9.44E-07	9.35E-06	9.50E-06	3.29E-04	2.99E-04	6.4035E-04
605873.15	4201846.82	21978.03799	0.00403	0.00403	0.02435	0.02491	2.28207	2.04993	5.53E-04	1.01E-06	1.03E-06	9.92E-06	1.01E-05	3.33E-04	2.99E-04	5.7474E-04
605875.56	4201623.19	37468.65596	0.00482	0.00485	0.02767	0.02821	2.02202	1.85054	9.42E-04	1.21E-06	1.23E-06	1.13E-05	1.14E-05	2.95E-04	2.70E-04	9.6737E-04
605888.57	4201714.09	27850.68474	0.004	0.00401	0.02438	0.02489	2.05682	1.87886	7.00E-04	1.00E-06	1.02E-06	9.93E-06	1.01E-05	3.00E-04	2.74E-04	7.2241E-04
605889.24	4201803.25	22867.39877	0.00381	0.00381	0.02356	0.02408	1.99887	1.81975	5.75E-04	9.57E-07	9.69E-07	9.60E-06	9.77E-06	2.92E-04	2.65E-04	5.9633E-04
605889.63	4201654.7	33699.02755	0.00453	0.00455	0.02667	0.02721	1.94851	1.78789	8.47E-04	1.14E-06	1.16E-06	1.09E-05	1.10E-05	2.85E-04	2.61E-04	8.7162E-04
605892.86	4201424.83	52222.5308	0.00463	0.00468	0.02348	0.02379	1.10317	1.0466	1.31E-03	1.16E-06	1.19E-06	9.56E-06	9.65E-06	1.61E-04	1.53E-04	1.3348E-03
605893.94	4201834.09	22420.03967	0.00405	0.00405	0.02463	0.0252	1.96195	1.78018	5.64E-04	1.02E-06	1.03E-06	1.00E-05	1.02E-05	2.87E-04	2.59E-04	5.8609E-04
605895.28	4201750.29	24940.75113	0.00377	0.00378	0.02351	0.024	1.91468	1.75516	6.27E-04	9.47E-07	9.62E-07	9.58E-06	9.74E-06	2.80E-04	2.56E-04	6.4840E-04
605904.79	4201542.52	42109.07862	0.00464	0.00467	0.02586	0.0263	1.58176	1.45863	1.06E-03	1.17E-06	1.19E-06	1.05E-05	1.07E-05	2.31E-04	2.13E-04	1.0825E-03
605905.72	4201609.78	38661.56804	0.00501	0.00503	0.02872	0.02926	1.60687	1.48945	9.72E-04	1.26E-06	1.28E-06	1.17E-05	1.19E-05	2.35E-04	2.17E-04	9.9832E-04
605907.73	4201585.65	40627.22932	0.00501	0.00504	0.02845	0.02897	1.56085	1.44756	1.02E-03	1.26E-06	1.28E-06	1.16E-05	1.18E-05	2.28E-04	2.11E-04	1.0475E-03
605908.49	4201515.36	43589.15436	0.00457	0.00461	0.02511	0.02551	1.45485	1.34425	1.10E-03	1.15E-06	1.17E-06	1.02E-05	1.03E-05	2.12E-04	1.96E-04	1.1190E-03
605910.7	4201707.38	28347.30866	0.00409	0.0041	0.025	0.02554	1.75939	1.62068	7.13E-04	1.03E-06	1.04E-06	1.02E-05	1.04E-05	2.57E-04	2.36E-04	7.3546E-04
605911.09	4201656.04	33174.19948	0.00451	0.00452	0.02675	0.02729	1.69953	1.56877	8.34E-04	1.13E-06	1.15E-06	1.09E-05	1.11E-05	2.48E-04	2.29E-04	8.5847E-04
605913.84	4201470.5	45629.00648	0.00444	0.00449	0.02384	0.02416	1.17671	1.10077	1.15E-03	1.12E-06	1.14E-06	9.71E-06	9.80E-06	1.72E-04	1.60E-04	1.1692E-03
605915.08	4201442.93	48646.38943	0.00454	0.0046	0.02371	0.02402	1.03427	0.97839	1.22E-03	1.14E-06	1.17E-06	9.66E-06	9.74E-06	1.51E-04	1.43E-04	1.2450E-03
605915.39	4201747.61	25214.67495	0.00385	0.00386	0.02407	0.02459	1.68076	1.55016	6.34E-04	9.67E-07	9.82E-07	9.80E-06	9.97E-06	2.45E-04	2.26E-04	6.5580E-04
605915.9	4201491.49	44592.69342	0.0045	0.00455	0.02448	0.02484	1.2774	1.1882	1.12E-03	1.13E-06	1.16E-06	9.97E-06	1.01E-05	1.87E-04	1.73E-04	1.1437E-03
605926.78	4201793.19	22809.75625	0.00378	0.00379	0.02388	0.0244	1.51977	1.40368	5.74E-04	9.49E-07	9.64E-07	9.73E-06	9.90E-06	2.22E-04	2.05E-04	5.9513E-04
605928.13	4201818.67	22603.80056	0.004	0.004	0.02474	0.0253	1.54712	1.42283	5.68E-04	1.00E-06	1.02E-06	1.01E-05	1.03E-05	2.26E-04	2.07E-04	5.9077E-04
605933.21	4201650.01	33781.41877	0.00465	0.00466	0.02762	0.02818	1.46169	1.3603	8.49E-04	1.17E-06	1.19E-06	1.12E-05	1.14E-05	2.13E-04	1.98E-04	8.7453E-04
605933.49	4201706.71	28424.88841	0.00417	0.00418	0.0256	0.02615	1.51923	1.4092	7.15E-04	1.05E-06	1.06E-06	1.04E-05	1.06E-05	2.22E-04	2.05E-04	7.3794E-04
605935.89	4201593.02	39877.80588	0.00515	0.00517	0.02949	0.03003	1.31191	1.22774	1.00E-03	1.29E-06	1.32E-06	1.20E-05	1.22E-05	1.92E-04	1.79E-04	1.0296E-03
605941.53	4201742.91	25780.09303	0.004	0.00401	0.025	0.02554	1.44317	1.33931	6.48E-04	1.00E-06	1.02E-06	1.02E-05	1.04E-05	2.11E-04	1.95E-04	6.7085E-04
605949.23	4201544.16	41353.58168	0.00475	0.00479	0.02681	0.02726	1.18693	1.11172	1.04E-03	1.19E-06	1.22E-06	1.09E-05	1.11E-05	1.73E-04	1.62E-04	1.0643E-03
605949.58	4201844.81	22101.12218	0.00423	0.00422	0.02589	0.0265	1.35449	1.24629	5.56E-04	1.06E-06	1.07E-06	1.05E-05	1.07E-05	1.98E-04	1.82E-04	5.7920E-04
605950.05	4201518.65	42518.8196	0.00465	0.00469	0.02591	0.02631	1.11449	1.04629	1.07E-03	1.17E-06	1.19E-06	1.06E-05	1.07E-05	1.63E-04	1.53E-04	1.0928E-03
605951.7	4201477.5	44628.38885	0.00456	0.00461	0.02479	0.02513	0.9625	0.91028	1.12E-03	1.15E-06	1.17E-06	1.01E-05	1.02E-05	1.41E-04	1.33E-04	1.1449E-03
605954.66	4201647.32	34077.36964	0.00477	0.00479	0.02845	0.02902	1.28233	1.2002	8.57E-04	1.20E-06	1.22E-06	1.16E-05	1.18E-05	1.87E-04	1.75E-04	8.8271E-04
605954.99	4201496.02	43656.91888	0.00462	0.00466	0.02538	0.02575	1.01209	0.95455	1.10E-03	1.16E-06	1.19E-06	1.03E-05	1.04E-05	1.48E-04	1.39E-04	1.1210E-03
605956.28	4201701.35	29051.02213	0.00433	0.00433	0.02656	0.02712	1.32704	1.23763	7.31E-04	1.09E-06	1.10E-06	1.08E-05	1.10E-05	1.94E-04	1.80E-04	7.5455E-04
605957.05	4201448.69	48749.97682	0.00484	0.00489	0.02527	0.02561	0.86033	0.81929	1.23E-03	1.22E-06	1.24E-06	1.03E-05	1.04E-05	1.26E-04	1.19E-04	1.2490E-03
605963.66	4201742.24	26133.1845	0.00415	0.00415	0.02588	0.02645	1.27881	1.19203	6.57E-04	1.04E-06	1.06E-06	1.05E-05	1.07E-05	1.87E-04	1.74E-04	6.8053E-04
605964.05	4201596.37	39430.73464	0.00529	0.00531	0.03049	0.03103	1.12011	1.0555	9.92E-04	1.33E-06	1.35E-06	1.24E-05	1.26E-05	1.64E-04	1.54E-04	1.0192E-03
605972.76	4201645.31	34406.14637	0.00492	0.00494	0.02936	0.02994	1.15355	1.0844	8.65E-04	1.24E-06	1.26E-06	1.20E-05	1.21E-05	1.68E-04	1.58E-04	8.9180E-04
605977.73	4201697.33	29637.74513	0.0045	0.00451	0.02761	0.02819	1.1773	1.10318	7.45E-04	1.13E-06	1.15E-06	1.12E-05	1.14E-05	1.72E-04	1.61E-04	7.7025E-04
605978.4	4201840.12	22053.60357	0.00424	0.00424	0.02621	0.02683	1.14302	1.05828	5.55E-04	1.06E-06	1.08E-06	1.07E-05	1.09E-05	1.67E-04	1.54E-04	5.7828E-04
605984.21	4201435.94	51411.1476	0.00522	0.00528	0.02672	0.02709	0.72489	0.69732	1.29E-03	1.31E-06	1.34E-06	1.09E-05	1.10E-05	1.06E-04	1.02E-04	1.3174E-03
605984.44	4201737.55	26822.23682	0.00434	0.00435	0.02698	0.02758	1.14815	1.07435	6.74E-04	1.09E-06	1.11E-06	1.10E-05	1.12E-05	1.68E-04	1.57E-04	6.9887E-04
605986.17	4201587.66	39807.69003	0.00536	0.00539	0.03091	0.03145	0.99224	0.93918	1.00E-03	1.35E-06	1.37E-06	1.26E-05	1.28E-05	1.45E-04	1.37E-04	1.0291E-03
605990.47	4201806.6	22459.80681	0.00401	0.00401	0.02551	0.02609	1.06061	0.98901	5.65E-04	1.01E-06	1.02E-06	1.04E-05	1.06E-05	1.55E-04	1.44E-04	5.8779E-04
605993.15	4201787.83	23304.89866	0.00405	0.00404	0.02573	0.02631	1.06047	0.9906	5.86E-04	1.02E-06	1.03E-06	1.05E-05	1.07E-05	1.55E-04	1.44E-04	6.0924E-04
605998.91	4201636.6	35520.49057	0.00522	0.00524	0.03104	0.03162	0.98949	0.93558	8.93E-04	1.31E-06	1.33E-06	1.26E-05	1.28E-05	1.44E-04	1.36E-04	9.2134E-04
605999.86	4201691.29	30390.50341	0.00472	0.00473	0.02887	0.02947	1.04549	0.98383	7.64E-04	1.19E-06	1.20E-06	1.18E-05	1.20E-05	1.53E-04	1.43E-04	7.9033E-04
606001.9	4201540.87	41472.01187	0.00503	0.00507	0.02848	0.02894	0.88255	0.83768	1.04E-03	1.26E-06	1.29E-06	1.16E-05	1.17E-05	1.29E-04	1.22E-04	1.0688E-03
606004.78	4201518.24	42662.63509	0.00497	0.00501	0.02776	0.02819	0.83374	0.79336	1.07E-03	1.25E-06	1.27E-06	1.13E-05	1.14E-05	1.22E-04	1.16E-04	1.0981E-03
606005.22	4201734.87	27114.41297	0.00447	0.00448	0.0278	0.02841	1.03394	0.97104	6.82E-04	1.12E-06	1.14E-06	1.13E-05	1.15E-05	1.51E-04	1.42E-04	7.0695E-04
606005.3	4201499.08	44194.4335	0.00501	0.00505	0.02749	0.02791	0.79507	0.75846	1.11E-03	1.26E-06	1.28E-06	1.12E-05	1.13E-05	1.16E-04	1.11E-04	1.1364E-03
606006.95	4201591.01	39374.67429	0.00548	0.0055	0.03169	0.03224	0.89788	0.85292	9.90E-04	1.38E-06	1.40E-06	1.29E-05	1.31E-05	1.31E-04	1.24E-04	1.0189E-03
606009.49	4201477.75	46234.73931	0.00512	0.00517	0.0275	0.0279	0.73739	0.70636	1.16E-03	1.29E-06	1.32E-06	1.12E-05	1.13E-05	1.08E-04	1.03E-04	1.1878E-03
606012.6	4201448.69	49434.54623	0.00529	0.00535	0.02757	0.02796	0.66645	0.64216	1.24E-03	1.33E-06	1.36E-06	1.12E-05	1.13E-05	9.73E-05	9.36E-05	1.2684E-03
606018.35	4201631.9	35648.83628	0.0053	0.00532	0.03151	0.0321	0.89953	0.85303	8.96E-04	1.33E-06	1.35E-06	1.28E-05	1.30E-05	1.31E-04	1.24E-04	9.2499E-04
606026	4201688.61	30534.78925	0.00486	0.00487	0.02977	0.03038	0.92	0.86908	7.68E-04	1.22E-06	1.24E-06	1.21E-05	1.23E-05	1.34E-04	1.27E-04	7.9476E-04
606028.01	4201804.59	22485.42142	0.00413	0.00413	0.02649	0.0271	0.87796	0.82253	5.65E-04	1.04E-06	1.05E-06	1.08E-05	1.10E-05	1.28E-04	1.20E-04	5.8931E-04
606028.68	4201785.15	23459.34808	0.00419	0.00419	0.02678	0.02739	0.89196	0.83683	5.90E-04	1.05E-06	1.07E-06	1.09E-05	1.11E-05	1.30E-04	1.22E-04	6.1406E-04
606029.35	4201731.52	27003.7226	0.00451	0.00451	0.0282	0.02881	0.91819	0.86486	6.79E-04	1.13E-06	1.15E-06	1.15E-05	1.17E-05	1.34E-04	1.26E-04	7.0451E-04
606029.75	4201589.67	39171.59584	0.00558	0.00561	0.03233	0.03288	0.8078	0.76987	9.85E-04	1.40E-06	1.43E-06	1.32E-05	1.33E-05	1.18E-04	1.12E-04	1.0144E-03
606037.79	4201634.59	34914.1541	0.00529	0.00531	0.0316	0.03219	0.82975	0.78844	8.78E-04	1.33E-06	1.35E-06	1.29E-05	1.31E-05	1.21E-04	1.15E-04	9.0659E-04
606042.76	4201830.73	22069.583	0.00437	0.00436	0.02753	0.02819	0.81922	0.76595	5.55E-04	1.10E-06	1.11E-06	1.12E-05	1.14E-05	1.20E-04	1.12E-04	5.7983E-04
606048.12	4201685.26	30112.35429	0.00481	0.00482	0.02964	0.03023	0.83165	0.78766	7.57E-04	1.21E-06	1.23E-06	1.21E-05	1.23E-05	1.21E-04	1.15E-04	7.8400E-04
606053.21	4201593.02	38542.70798	0.00568	0.0057	0.03299	0.03355	0.73353	0.70085	9.69E-04	1.43E-06	1.45E-06	1.34E-05	1.36E-05	1.07E-04	1.02E-04	9.9915E-04
606054.16	4201725.48	27026.85872	0.00456	0.00456	0.02867	0.02928	0.81735	0.7724	6.80E-04	1.15E-06	1.16E-06	1.17E-05	1.19E-05	1.19E-04	1.13E-04	7.0550E-04
606054.96	4201471.1	46826.04093	0.00549	0.00554	0.02931	0.02974	0.59686	0.57649	1.18E-03	1.38E-06	1.41E-06	1.19E-05	1.21E-05	8.72E-05	8.40E-05	1.2043E-03
606057.41	4201447.66	49378.08762	0.00566	0.00572	0.02942	0.02984	0.55367	0.53732	1.24E-03	1.42E-06	1.46E-06	1.20E-05	1.21E-05	8.09E-05	7.83E-05	1.2687E-03
606057.76	4201494.89	45450.19554	0.0056	0.00565	0.03045	0.03091	0.62295	0.59996	1.14E-03	1.41E-06	1.44E-06	1.24E-05	1.25E-05	9.10E-05	8.74E-05	1.1707E-03
606058.46	4201539.31	42338.69859	0.00569	0.00572	0.03195	0.03247	0.67057	0.64342	1.06E-03	1.43E-06	1.46E-06	1.30E-05	1.32E-05	9.79E-05	9.38E-05	1.0938E-03
606059.25	4201628.55	35197.82847	0.00543	0.00545	0.03235	0.03293	0.75065	0.7153	8.85E-04	1.36E-06	1.39E-06	1.32E-05	1.34E-05	1.10E-04	1.04E-04	9.1440E-04
606061.96	4201516.57	43784.08618	0.00564	0.00568	0.03121	0.0317	0.63817	0.61364	1.10E-03	1.42E-06	1.45E-06	1.27E-05	1.29E-05	9.32E-05	8.94E-05	1.1295E-03
606070.25	4201675.21	30682.11279	0.00496	0.00496	0.03042	0.03101	0.75072	0.71319	7.72E-04	1.25E-06	1.26E-06	1.24E-05	1.26E-05	1.10E-04	1.04E-04	7.9903E-04
606074.67	4201584.98	39000.11292	0.00585	0.00588	0.03381	0.03437	0.66348	0.63574	9.81E-04	1.47E-06	1.50E-06	1.38E-05	1.39E-05	9.69E-05	9.27E-05	1.0114E-03
606077.62	4201831.4	21941.48096	0.00449	0.00448	0.02851	0.0292	0.69537	0.65237	5.52E-04	1.13E-06	1.14E-06	1.16E-05	1.18E-05	1.02E-04	9.51E-05	5.7748E-04
606078.96	4201722.8	27016.8209	0.00465	0.00465	0.02934	0.02995	0.73304	0.69447	6.79E-04	1.17E-06	1.18E-06	1.20E-05	1.21E-05	1.07E-04	1.01E-04	7.0584E-04
606082.04	4201624.53	35477.66732	0.00562	0.00563	0.03335	0.03394	0.67874	0.64848	8.92E-04	1.41E-06	1.43E-06	1.36E-05	1.38E-05	9.91E-05	9.45E-05	9.2234E-04
606083.3	4201427.03	51839.0352	0.00608	0.00614	0.03084	0.03127	0.47242	0.4614	1.30E-03	1.53E-06	1.56E-06	1.26E-05	1.27E-05	6.90E-05	6.73E-05	1.3319E-03
606085.67	4201779.79	23654.62596	0.00443	0.00443	0.0286	0.02924	0.69261	0.65358	5.95E-04	1.11E-06	1.13E-06	1.16E-05	1.19E-05	1.01E-04	9.53E-05	6.2059E-04
606090.36	4201797.89	22777.14013	0.00441	0.0044	0.02853	0.02919	0.6679	0.62961	5.73E-04	1.11E-06	1.12E-06	1.16E-05	1.18E-05	9.75E-05	9.18E-05	5.9846E-04
606095.72	4201675.21	30658.04014	0.00513	0.00513	0.0314	0.03199	0.67543	0.64308	7.71E-04	1.29E-06	1.31E-06	1.28E-05	1.30E-05	9.86E-05	9.37E-05	7.9931E-04
606099.47	4201581.62	39015.20099	0.00606	0.00609	0.03484	0.0354	0.5984	0.57484	9.81E-04	1.52E-06	1.55E-06	1.42E-05	1.44E-05	8.74E-05	8.38E-05	1.0127E-03
606101.76	4201726.82	26723.98922	0.00475	0.00475	0.03002	0.03063	0.6668	0.63265	6.72E-04	1.19E-06	1.21E-06	1.22E-05	1.24E-05	9.74E-05	9.22E-05	6.9908E-04
606102.82	4201623.19	35544.20421	0.00583	0.00584	0.03447	0.03507	0.6223	0.59573	8.94E-04	1.46E-06	1.49E-06	1.40E-05	1.42E-05	9.09E-05	8.68E-05	9.2504E-04
606107.43	4201441.37	49168.85192	0.00604	0.0061	0.03123	0.03167	0.45479	0.44346	1.24E-03	1.52E-06	1.55E-06	1.27E-05	1.28E-05	6.64E-05	6.46E-05	1.2651E-03
606108.13	4201514.12	42455.6412	0.00572	0.00576	0.03177	0.03226	0.53396	0.5157	1.07E-03	1.44E-06	1.47E-06	1.29E-05	1.31E-05	7.80E-05	7.52E-05	1.0966E-03
606112.33	4201491.04	43954.57859	0.00573	0.00578	0.03129	0.03176	0.5038	0.48785	1.11E-03	1.44E-06	1.47E-06	1.27E-05	1.29E-05	7.36E-05	7.11E-05	1.1339E-03
606113.03	4201537.21	41499.93559	0.00599	0.00602	0.03358	0.03412	0.54143	0.52235	1.04E-03	1.50E-06	1.53E-06	1.37E-05	1.38E-05	7.91E-05	7.61E-05	1.0741E-03
606113.38	4201469.7	45624.27139	0.00578	0.00584	0.03096	0.03142	0.47906	0.46517	1.15E-03	1.45E-06	1.49E-06	1.26E-05	1.27E-05	7.00E-05	6.78E-05	1.1756E-03
606118.24	4201586.99	38275.07575	0.00623	0.00625	0.03577	0.03633	0.56012	0.53862	9.62E-04	1.56E-06	1.59E-06	1.46E-05	1.47E-05	8.18E-05	7.85E-05	9.9496E-04
606121.87	4201679.23	30413.62269	0.00533	0.00533	0.0325	0.03312	0.61024	0.58199	7.65E-04	1.34E-06	1.36E-06	1.32E-05	1.34E-05	8.91E-05	8.48E-05	7.9417E-04
606125.89	4201728.17	26659.42926	0.0049	0.0049	0.03089	0.03151	0.60602	0.57587	6.70E-04	1.23E-06	1.25E-06	1.26E-05	1.28E-05	8.85E-05	8.39E-05	6.9824E-04
606129.64	4201621.18	35605.6541	0.00617	0.00618	0.03619	0.03679	0.55775	0.53516	8.95E-04	1.55E-06	1.57E-06	1.47E-05	1.49E-05	8.15E-05	7.80E-05	9.2815E-04
606129.91	4201828.72	21544.44252	0.00457	0.00455	0.02973	0.03044	0.55025	0.51907	5.42E-04	1.15E-06	1.16E-06	1.21E-05	1.23E-05	8.04E-05	7.57E-05	5.6854E-04
606130.58	4201805.26	22508.02512	0.00461	0.0046	0.02995	0.03064	0.56383	0.5328	5.66E-04	1.16E-06	1.17E-06	1.22E-05	1.24E-05	8.23E-05	7.77E-05	5.9296E-04
606133.93	4201786.49	23413.88867	0.00469	0.00468	0.03032	0.03099	0.56754	0.53717	5.89E-04	1.18E-06	1.19E-06	1.23E-05	1.26E-05	8.29E-05	7.83E-05	6.1607E-04
606141.04	4201589.67	37685.73704	0.00642	0.00644	0.03677	0.03734	0.51698	0.49775	9.48E-04	1.61E-06	1.64E-06	1.50E-05	1.51E-05	7.55E-05	7.25E-05	9.8105E-04
606143.99	4201858.89	21113.56163	0.00493	0.0049	0.03106	0.03184	0.51152	0.48174	5.31E-04	1.24E-06	1.25E-06	1.27E-05	1.29E-05	7.47E-05	7.02E-05	5.5899E-04
606147.07	4201623.19	35221.97357	0.00633	0.00634	0.03703	0.03763	0.52396	0.50317	8.86E-04	1.59E-06	1.61E-06	1.51E-05	1.53E-05	7.65E-05	7.33E-05	9.1927E-04
606149.35	4201736.88	26191.93074	0.00503	0.00503	0.03171	0.03234	0.55334	0.52623	6.59E-04	1.26E-06	1.28E-06	1.29E-05	1.31E-05	8.08E-05	7.67E-05	6.8722E-04
606149.76	4201533.71	40832.78267	0.00613	0.00616	0.0343	0.03484	0.47488	0.45941	1.03E-03	1.54E-06	1.57E-06	1.40E-05	1.41E-05	6.93E-05	6.70E-05	1.0580E-03
606154.05	4201702.02	28671.86769	0.00538	0.00538	0.03306	0.03369	0.54511	0.51992	7.21E-04	1.35E-06	1.37E-06	1.35E-05	1.37E-05	7.96E-05	7.58E-05	7.5086E-04
606158.5	4201482.99	43215.72236	0.0059	0.00594	0.03213	0.03261	0.42498	0.41332	1.09E-03	1.48E-06	1.51E-06	1.31E-05	1.32E-05	6.21E-05	6.02E-05	1.1160E-03
606159.41	4201679.23	30502.06964	0.0057	0.0057	0.03449	0.03514	0.52947	0.50624	7.67E-04	1.43E-06	1.45E-06	1.40E-05	1.43E-05	7.73E-05	7.38E-05	7.9821E-04
606161.65	4201457.81	45746.41174	0.00613	0.00619	0.03251	0.03298	0.39911	0.38931	1.15E-03	1.54E-06	1.57E-06	1.32E-05	1.34E-05	5.83E-05	5.67E-05	1.1801E-03
606162.49	4201601.07	36490.39887	0.00661	0.00663	0.03788	0.03847	0.4848	0.46681	9.18E-04	1.66E-06	1.69E-06	1.54E-05	1.56E-05	7.08E-05	6.80E-05	9.5200E-04
606166.11	4201859.56	20804.38479	0.00494	0.00491	0.03146	0.03225	0.46458	0.4385	5.23E-04	1.24E-06	1.25E-06	1.28E-05	1.31E-05	6.78E-05	6.39E-05	5.5155E-04
606167.94	4201503.63	41751.23869	0.00598	0.00602	0.03303	0.03355	0.4283	0.41573	1.05E-03	1.50E-06	1.53E-06	1.35E-05	1.36E-05	6.25E-05	6.06E-05	1.0800E-03
606169.34	4201536.16	40299.7637	0.00625	0.00628	0.035	0.03556	0.44671	0.43255	1.01E-03	1.57E-06	1.60E-06	1.43E-05	1.44E-05	6.52E-05	6.30E-05	1.0453E-03
606172.54	4201623.86	34817.91637	0.00655	0.00657	0.03815	0.03877	0.4793	0.46084	8.76E-04	1.64E-06	1.67E-06	1.55E-05	1.57E-05	7.00E-05	6.72E-05	9.1014E-04
606182.87	4201797.22	23346.78895	0.00514	0.00512	0.03271	0.03343	0.47228	0.44795	5.87E-04	1.29E-06	1.30E-06	1.33E-05	1.36E-05	6.90E-05	6.53E-05	6.1657E-04
606182.87	4201815.32	22397.11359	0.00504	0.00501	0.0323	0.03303	0.46134	0.43713	5.63E-04	1.27E-06	1.27E-06	1.32E-05	1.34E-05	6.74E-05	6.37E-05	5.9231E-04
606186.48	4201435.77	48309.71828	0.00671	0.00678	0.03449	0.03497	0.3523	0.34516	1.21E-03	1.69E-06	1.72E-06	1.40E-05	1.42E-05	5.14E-05	5.03E-05	1.2465E-03
606186.89	4201842.13	21059.03176	0.00491	0.00488	0.03187	0.03262	0.43551	0.41226	5.30E-04	1.23E-06	1.24E-06	1.30E-05	1.32E-05	6.36E-05	6.01E-05	5.5825E-04
606187.56	4201772.41	24485.71535	0.00524	0.00522	0.03308	0.03377	0.47367	0.45023	6.16E-04	1.32E-06	1.33E-06	1.35E-05	1.37E-05	6.92E-05	6.56E-05	6.4555E-04
606194.94	4201745.6	25952.92274	0.00544	0.00542	0.03384	0.03451	0.46864	0.44644	6.53E-04	1.37E-06	1.38E-06	1.38E-05	1.40E-05	6.84E-05	6.51E-05	6.8316E-04
606202.98	4201718.78	27754.93105	0.00578	0.00577	0.03527	0.03596	0.45859	0.43782	6.98E-04	1.45E-06	1.47E-06	1.44E-05	1.46E-05	6.70E-05	6.38E-05	7.2982E-04
606207.68	4201693.98	29471.56425	0.00609	0.00608	0.03664	0.03734	0.44889	0.4296	7.41E-04	1.53E-06	1.55E-06	1.49E-05	1.51E-05	6.56E-05	6.26E-05	7.7426E-04
606208.52	4201434.72	48179.56037	0.00698	0.00705	0.03573	0.03624	0.33074	0.3243	1.21E-03	1.75E-06	1.79E-06	1.46E-05	1.47E-05	4.83E-05	4.73E-05	1.2444E-03
606212.37	4201484.74	41820.70763	0.00617	0.00621	0.0337	0.03421	0.36252	0.35339	1.05E-03	1.55E-06	1.58E-06	1.37E-05	1.39E-05	5.29E-05	5.15E-05	1.0824E-03
606214.45	4201529.7	39444.14784	0.00638	0.00641	0.0356	0.03617	0.38559	0.37434	9.92E-04	1.60E-06	1.63E-06	1.45E-05	1.47E-05	5.63E-05	5.46E-05	1.0243E-03
606216.45	4201599.79	35730.42517	0.00707	0.00709	0.04004	0.04067	0.4064	0.39222	8.99E-04	1.78E-06	1.80E-06	1.63E-05	1.65E-05	5.93E-05	5.72E-05	9.3489E-04
606217.24	4201646.32	32866.48946	0.00675	0.00675	0.03958	0.04024	0.42134	0.40502	8.26E-04	1.70E-06	1.72E-06	1.61E-05	1.63E-05	6.15E-05	5.90E-05	8.6234E-04
606219	4201578.94	37176.34061	0.00699	0.00701	0.03936	0.03997	0.39744	0.38432	9.35E-04	1.76E-06	1.78E-06	1.60E-05	1.62E-05	5.80E-05	5.60E-05	9.7065E-04
606221.97	4201624.24	34094.97144	0.007	0.00701	0.0403	0.04094	0.40743	0.39244	8.57E-04	1.76E-06	1.78E-06	1.64E-05	1.66E-05	5.95E-05	5.72E-05	8.9394E-04
606229.86	4201440.32	47031.29334	0.00709	0.00715	0.03649	0.03702	0.31659	0.31036	1.18E-03	1.78E-06	1.82E-06	1.49E-05	1.50E-05	4.62E-05	4.52E-05	1.2162E-03
606233.34	4201488.04	41121.22549	0.00628	0.00632	0.0344	0.03493	0.34346	0.33492	1.03E-03	1.58E-06	1.61E-06	1.40E-05	1.42E-05	5.02E-05	4.88E-05	1.0654E-03
606235.77	4201525.82	39002.53466	0.00642	0.00645	0.03575	0.03633	0.36059	0.35044	9.81E-04	1.61E-06	1.64E-06	1.46E-05	1.47E-05	5.27E-05	5.11E-05	1.0133E-03
606249.57	4201574.58	36984.16808	0.00712	0.00713	0.03998	0.04061	0.3626	0.3511	9.30E-04	1.79E-06	1.81E-06	1.63E-05	1.65E-05	5.30E-05	5.12E-05	9.6639E-04
606250.49	4201437.52	47370.12219	0.00742	0.00749	0.03795	0.0385	0.29818	0.29257	1.19E-03	1.86E-06	1.91E-06	1.55E-05	1.56E-05	4.35E-05	4.26E-05	1.2260E-03
606251.94	4201658.94	31722.96966	0.00704	0.00703	0.04113	0.04184	0.37955	0.36484	7.98E-04	1.77E-06	1.79E-06	1.68E-05	1.70E-05	5.54E-05	5.32E-05	8.3501E-04
606252.92	4201711.54	28355.35879	0.0065	0.00648	0.03885	0.03961	0.38673	0.37012	7.13E-04	1.63E-06	1.65E-06	1.58E-05	1.61E-05	5.65E-05	5.39E-05	7.4822E-04
606253.2	4201487.56	40831.73997	0.00644	0.00648	0.03518	0.03573	0.32505	0.31711	1.03E-03	1.62E-06	1.65E-06	1.43E-05	1.45E-05	4.75E-05	4.62E-05	1.0589E-03
606256.67	4201638.44	32791.89426	0.00724	0.00724	0.04173	0.04242	0.36934	0.35573	8.25E-04	1.82E-06	1.84E-06	1.70E-05	1.72E-05	5.39E-05	5.18E-05	8.6248E-04
606262.4	4201524.85	38387.71301	0.00655	0.00657	0.03637	0.03696	0.33419	0.32504	9.65E-04	1.64E-06	1.67E-06	1.48E-05	1.50E-05	4.88E-05	4.74E-05	9.9845E-04
606269.15	4201720.69	27806.43264	0.00665	0.00662	0.03962	0.0404	0.36687	0.35109	6.99E-04	1.67E-06	1.68E-06	1.61E-05	1.64E-05	5.36E-05	5.12E-05	7.3512E-04
606269.29	4201609.25	34313.91327	0.00755	0.00755	0.04245	0.04312	0.3488	0.33689	8.63E-04	1.90E-06	1.92E-06	1.73E-05	1.75E-05	5.09E-05	4.91E-05	9.0148E-04
606269.72	4201778.05	24963.78156	0.00646	0.00642	0.03887	0.03968	0.35941	0.34275	6.28E-04	1.62E-06	1.63E-06	1.58E-05	1.61E-05	5.25E-05	5.00E-05	6.6294E-04
606270.87	4201576.12	36472.30184	0.00721	0.00722	0.04047	0.04114	0.34211	0.33139	9.17E-04	1.81E-06	1.84E-06	1.65E-05	1.67E-05	5.00E-05	4.83E-05	9.5398E-04
606272.88	4201439.62	46621.2992	0.00761	0.00768	0.03897	0.03955	0.28333	0.278	1.17E-03	1.91E-06	1.95E-06	1.59E-05	1.60E-05	4.14E-05	4.05E-05	1.2082E-03
606275.48	4201489.01	40357.747	0.00663	0.00666	0.03611	0.03667	0.30709	0.29972	1.01E-03	1.67E-06	1.69E-06	1.47E-05	1.49E-05	4.48E-05	4.37E-05	1.0478E-03
606276.42	4201759.93	25794.28685	0.00659	0.00655	0.03943	0.04024	0.35501	0.33903	6.49E-04	1.66E-06	1.67E-06	1.61E-05	1.63E-05	5.18E-05	4.94E-05	6.8435E-04
606279.84	4201522.43	38068.86964	0.00662	0.00664	0.03671	0.03731	0.31771	0.30922	9.57E-04	1.66E-06	1.69E-06	1.50E-05	1.51E-05	4.64E-05	4.51E-05	9.9075E-04
606289.5	4201742.98	26613.43709	0.00683	0.00678	0.04052	0.04134	0.34242	0.32754	6.69E-04	1.72E-06	1.72E-06	1.65E-05	1.68E-05	5.00E-05	4.77E-05	7.0596E-04
606291.38	4201574.55	35860.92833	0.0072	0.00721	0.04034	0.04103	0.32357	0.31366	9.02E-04	1.81E-06	1.83E-06	1.64E-05	1.66E-05	4.73E-05	4.57E-05	9.3850E-04
606292.47	4201438.92	46322.81907	0.00786	0.00792	0.0401	0.04072	0.26981	0.26483	1.16E-03	1.97E-06	2.02E-06	1.63E-05	1.65E-05	3.94E-05	3.86E-05	1.2017E-03
606293.82	4201678.82	30193.94232	0.0074	0.00737	0.04307	0.04383	0.33569	0.32263	7.59E-04	1.86E-06	1.88E-06	1.75E-05	1.78E-05	4.90E-05	4.70E-05	7.9834E-04
606297.28	4201490.95	39875.1424	0.00682	0.00685	0.03708	0.03767	0.29114	0.28426	1.00E-03	1.71E-06	1.74E-06	1.51E-05	1.53E-05	4.25E-05	4.14E-05	1.0366E-03
606298.76	4201611.71	33788.11881	0.0077	0.0077	0.04332	0.04403	0.32195	0.31115	8.50E-04	1.93E-06	1.96E-06	1.76E-05	1.79E-05	4.70E-05	4.54E-05	8.8906E-04
606300.16	4201729.9	27336.62803	0.00704	0.007	0.04152	0.04235	0.33193	0.31781	6.87E-04	1.77E-06	1.78E-06	1.69E-05	1.72E-05	4.85E-05	4.63E-05	7.2507E-04
606304.54	4201523.88	37362.2873	0.00674	0.00676	0.03736	0.03798	0.29807	0.29024	9.40E-04	1.69E-06	1.72E-06	1.52E-05	1.54E-05	4.35E-05	4.23E-05	9.7358E-04
606309.88	4201659.06	30955.37282	0.00782	0.00781	0.04472	0.04548	0.31669	0.305	7.78E-04	1.96E-06	1.99E-06	1.82E-05	1.84E-05	4.62E-05	4.45E-05	8.1904E-04
606312.67	4201570.6	35296.5598	0.0072	0.0072	0.04018	0.04088	0.30494	0.29587	8.88E-04	1.81E-06	1.83E-06	1.64E-05	1.66E-05	4.45E-05	4.31E-05	9.2418E-04
606314.81	4201788.73	24763.87673	0.00723	0.00717	0.0427	0.04361	0.30859	0.29469	6.23E-04	1.82E-06	1.82E-06	1.74E-05	1.77E-05	4.51E-05	4.30E-05	6.6145E-04
606315.23	4201638.06	31997.58472	0.00796	0.00796	0.04495	0.04571	0.30971	0.29881	8.05E-04	2.00E-06	2.03E-06	1.83E-05	1.85E-05	4.52E-05	4.36E-05	8.4551E-04
606315.55	4201437.87	46046.70286	0.00819	0.00825	0.04159	0.04225	0.25498	0.25036	1.16E-03	2.06E-06	2.10E-06	1.69E-05	1.71E-05	3.72E-05	3.65E-05	1.1962E-03
606319.56	4201491.43	39516.26561	0.00705	0.00708	0.03815	0.03876	0.27551	0.26911	9.94E-04	1.77E-06	1.80E-06	1.55E-05	1.57E-05	4.02E-05	3.92E-05	1.0285E-03
606323.91	4201523.4	36878.56843	0.00683	0.00684	0.03781	0.03844	0.28333	0.27604	9.27E-04	1.72E-06	1.74E-06	1.54E-05	1.56E-05	4.14E-05	4.02E-05	9.6183E-04
606326.76	4201698.59	28871.38289	0.00774	0.00771	0.04489	0.04571	0.30456	0.29261	7.26E-04	1.94E-06	1.96E-06	1.83E-05	1.85E-05	4.45E-05	4.26E-05	7.6675E-04
606330.59	4201761.12	25876.95032	0.00746	0.00741	0.04373	0.04463	0.29858	0.28574	6.51E-04	1.87E-06	1.89E-06	1.78E-05	1.81E-05	4.36E-05	4.16E-05	6.9040E-04
606330.81	4201577.7	34634.34971	0.00737	0.00737	0.04113	0.04186	0.29204	0.28324	8.71E-04	1.85E-06	1.88E-06	1.68E-05	1.70E-05	4.26E-05	4.13E-05	9.0840E-04
606336.02	4201492.4	39181.08504	0.00721	0.00724	0.03893	0.03957	0.26498	0.25888	9.85E-04	1.81E-06	1.84E-06	1.59E-05	1.61E-05	3.87E-05	3.77E-05	1.0208E-03
606336.54	4201438.57	45623.41448	0.00846	0.00852	0.04294	0.04363	0.24329	0.2389	1.15E-03	2.12E-06	2.17E-06	1.75E-05	1.77E-05	3.55E-05	3.48E-05	1.1868E-03
606339.11	4201680.06	29534.53439	0.00824	0.00822	0.0468	0.04761	0.29142	0.2805	7.43E-04	2.07E-06	2.09E-06	1.91E-05	1.93E-05	4.26E-05	4.09E-05	7.8523E-04
606346.36	4201775.32	25340.68925	0.00773	0.00768	0.04534	0.04629	0.28201	0.26981	6.37E-04	1.94E-06	1.95E-06	1.85E-05	1.88E-05	4.12E-05	3.93E-05	6.7838E-04
606348.13	4201523.88	36389.61629	0.00701	0.00703	0.03872	0.03937	0.26672	0.25996	9.15E-04	1.76E-06	1.79E-06	1.58E-05	1.60E-05	3.90E-05	3.79E-05	9.5037E-04
606348.58	4201660.71	30309.69297	0.00854	0.00855	0.04773	0.04853	0.28221	0.2721	7.62E-04	2.14E-06	2.18E-06	1.94E-05	1.97E-05	4.12E-05	3.97E-05	8.0564E-04
606356.48	4201437.17	45272.86962	0.00883	0.00889	0.04455	0.04527	0.23196	0.2278	1.14E-03	2.22E-06	2.26E-06	1.81E-05	1.84E-05	3.39E-05	3.32E-05	1.1795E-03
606356.84	4201575.34	33969.03347	0.00739	0.00739	0.04115	0.04189	0.27272	0.26475	8.54E-04	1.86E-06	1.88E-06	1.68E-05	1.70E-05	3.98E-05	3.86E-05	8.9170E-04
606357.23	4201635.59	31648.54533	0.00828	0.00827	0.0464	0.04722	0.27652	0.26712	7.96E-04	2.08E-06	2.10E-06	1.89E-05	1.92E-05	4.04E-05	3.89E-05	8.3810E-04
606357.41	4201787.15	24836.83137	0.00795	0.0079	0.04682	0.04777	0.27007	0.25845	6.25E-04	2.00E-06	2.01E-06	1.91E-05	1.94E-05	3.94E-05	3.77E-05	6.6702E-04
606361.21	4201490.46	39028.77628	0.00754	0.00757	0.04041	0.04109	0.24889	0.24331	9.81E-04	1.89E-06	1.93E-06	1.65E-05	1.67E-05	3.63E-05	3.55E-05	1.0184E-03
606365.08	4201531.15	35642.3554	0.00714	0.00715	0.03945	0.04012	0.25767	0.25106	8.96E-04	1.79E-06	1.82E-06	1.61E-05	1.63E-05	3.76E-05	3.66E-05	9.3225E-04
606373.59	4201720.63	27371.99551	0.00838	0.00834	0.04834	0.04926	0.26368	0.25344	6.88E-04	2.10E-06	2.12E-06	1.97E-05	2.00E-05	3.85E-05	3.69E-05	7.3222E-04
606374.98	4201580.86	33313.32802	0.00752	0.00751	0.04179	0.04256	0.26128	0.25362	8.38E-04	1.89E-06	1.91E-06	1.70E-05	1.73E-05	3.82E-05	3.70E-05	8.7581E-04
606381.66	4201440.67	44321.57991	0.00913	0.00918	0.04611	0.04688	0.22086	0.21683	1.11E-03	2.29E-06	2.34E-06	1.88E-05	1.90E-05	3.23E-05	3.16E-05	1.1570E-03
606383.49	4201491.43	38657.20956	0.00782	0.00784	0.04172	0.04244	0.23661	0.23138	9.72E-04	1.96E-06	1.99E-06	1.70E-05	1.72E-05	3.46E-05	3.37E-05	1.0103E-03
606386.35	4201698.4	28117.82628	0.00883	0.00883	0.05021	0.05112	0.25417	0.24476	7.07E-04	2.22E-06	2.25E-06	2.05E-05	2.07E-05	3.71E-05	3.57E-05	7.5272E-04
606388.41	4201737.51	26530.26512	0.00852	0.00848	0.04926	0.05022	0.25163	0.24177	6.67E-04	2.14E-06	2.16E-06	2.01E-05	2.04E-05	3.67E-05	3.52E-05	7.1188E-04
606388.82	4201528.24	35613.44222	0.00746	0.00746	0.04086	0.04158	0.24275	0.23663	8.96E-04	1.87E-06	1.90E-06	1.66E-05	1.69E-05	3.54E-05	3.45E-05	9.3284E-04
606396.28	4201577.7	32716.77651	0.00745	0.00744	0.04156	0.04232	0.24722	0.24018	8.23E-04	1.87E-06	1.89E-06	1.69E-05	1.72E-05	3.61E-05	3.50E-05	8.6058E-04
606400.2	4201441.37	43788.84143	0.00942	0.00947	0.0475	0.04831	0.21245	0.20856	1.10E-03	2.37E-06	2.41E-06	1.93E-05	1.96E-05	3.10E-05	3.04E-05	1.1449E-03
606400.76	4201753.16	25791.62924	0.00864	0.00861	0.05016	0.05117	0.24146	0.23194	6.49E-04	2.17E-06	2.19E-06	2.04E-05	2.08E-05	3.53E-05	3.38E-05	6.9412E-04
606400.88	4201682.12	28729.49994	0.00903	0.00903	0.05074	0.05167	0.24528	0.23652	7.22E-04	2.27E-06	2.30E-06	2.07E-05	2.10E-05	3.58E-05	3.45E-05	7.6865E-04
606403.83	4201491.43	38451.75349	0.00813	0.00815	0.04317	0.04393	0.22595	0.22097	9.67E-04	2.04E-06	2.07E-06	1.76E-05	1.78E-05	3.30E-05	3.22E-05	1.0065E-03
606409.52	4201629	31142.18027	0.0084	0.00836	0.04646	0.04737	0.24318	0.2353	7.83E-04	2.11E-06	2.13E-06	1.89E-05	1.92E-05	3.55E-05	3.43E-05	8.2550E-04
606409.64	4201527.76	35431.94294	0.00774	0.00774	0.04215	0.04291	0.23105	0.2253	8.91E-04	1.94E-06	1.97E-06	1.72E-05	1.74E-05	3.37E-05	3.28E-05	9.2949E-04
606411.88	4201772.51	24933.58266	0.00879	0.00875	0.05141	0.05245	0.2314	0.22223	6.27E-04	2.21E-06	2.23E-06	2.09E-05	2.13E-05	3.38E-05	3.24E-05	6.7365E-04
606415.59	4201718.16	26970.76626	0.00914	0.00913	0.05233	0.05333	0.23368	0.225	6.78E-04	2.30E-06	2.32E-06	2.13E-05	2.16E-05	3.41E-05	3.28E-05	7.2579E-04
606415.7	4201656.59	29930.81113	0.00868	0.00864	0.0482	0.04914	0.23952	0.23135	7.53E-04	2.18E-06	2.20E-06	1.96E-05	1.99E-05	3.50E-05	3.37E-05	7.9661E-04
606417.34	4201441.37	43366.75966	0.00966	0.00971	0.04868	0.04951	0.20498	0.20123	1.09E-03	2.43E-06	2.47E-06	1.98E-05	2.01E-05	2.99E-05	2.93E-05	1.1353E-03
606421.52	4201578.49	32320.40564	0.00771	0.00769	0.0428	0.0436	0.23248	0.22594	8.13E-04	1.94E-06	1.96E-06	1.74E-05	1.77E-05	3.40E-05	3.29E-05	8.5177E-04
606425.14	4201492.89	38092.22385	0.00845	0.00846	0.04467	0.04547	0.2158	0.21103	9.58E-04	2.12E-06	2.15E-06	1.82E-05	1.84E-05	3.15E-05	3.08E-05	9.9881E-04

606430	4201786.92	24224.63561	0.00911	0.00907	0.05352	0.0546	0.21774	0.20919	6.09E-04	2.29E-06	2.31E-06	2.18E-05	2.21E-05	3.18E-05	3.05E-05	6.5771E-04
606431.64	4201749.04	25611.16909	0.00924	0.00921	0.05344	0.05451	0.22141	0.21302	6.44E-04	2.32E-06	2.34E-06	2.18E-05	2.21E-05	3.23E-05	3.10E-05	6.9258E-04
606431.92	4201532.6	34870.44963	0.00801	0.00801	0.04351	0.04431	0.22036	0.21484	8.77E-04	2.01E-06	2.04E-06	1.77E-05	1.80E-05	3.22E-05	3.13E-05	9.1663E-04
606433.4	4201693.65	27988.40119	0.00911	0.00907	0.05109	0.0521	0.22648	0.21851	7.04E-04	2.29E-06	2.31E-06	2.08E-05	2.11E-05	3.31E-05	3.18E-05	7.5036E-04
606441.24	4201580.07	32140.72053	0.00806	0.00803	0.04432	0.04517	0.22195	0.21574	8.08E-04	2.02E-06	2.04E-06	1.81E-05	1.83E-05	3.24E-05	3.14E-05	8.4868E-04
606444.62	4201444.87	42421.17017	0.01007	0.01011	0.05069	0.05157	0.19467	0.19103	1.07E-03	2.53E-06	2.57E-06	2.06E-05	2.09E-05	2.84E-05	2.78E-05	1.1134E-03
606447.91	4201503.06	37001.95961	0.00868	0.00868	0.04594	0.04678	0.20732	0.2026	9.30E-04	2.18E-06	2.21E-06	1.87E-05	1.90E-05	3.03E-05	2.95E-05	9.7256E-04
606453.07	4201608.46	30767.80342	0.00837	0.00832	0.04583	0.04674	0.21801	0.21149	7.74E-04	2.10E-06	2.12E-06	1.87E-05	1.90E-05	3.18E-05	3.08E-05	8.1556E-04
606454.65	4201658.94	28934.73038	0.00881	0.00875	0.04812	0.04912	0.21821	0.21096	7.28E-04	2.21E-06	2.23E-06	1.96E-05	1.99E-05	3.19E-05	3.07E-05	7.7158E-04
606455.43	4201631.34	29714.03787	0.00847	0.00841	0.04636	0.04729	0.21781	0.21098	7.47E-04	2.13E-06	2.14E-06	1.89E-05	1.92E-05	3.18E-05	3.08E-05	7.8955E-04
606456.22	4201751.23	25301.72113	0.00961	0.00957	0.05545	0.05658	0.20721	0.19951	6.36E-04	2.41E-06	2.43E-06	2.26E-05	2.30E-05	3.03E-05	2.91E-05	6.8664E-04
606459.38	4201686.55	27986.28817	0.00916	0.0091	0.05034	0.05139	0.21428	0.20683	7.04E-04	2.30E-06	2.32E-06	2.05E-05	2.08E-05	3.13E-05	3.01E-05	7.4973E-04
606459.53	4201534.54	34547.72271	0.00849	0.00848	0.04567	0.04653	0.20728	0.20213	8.69E-04	2.13E-06	2.16E-06	1.86E-05	1.89E-05	3.03E-05	2.95E-05	9.1053E-04
606461.74	4201579.28	31945.58645	0.00835	0.00832	0.04559	0.04648	0.21143	0.20553	8.03E-04	2.10E-06	2.12E-06	1.86E-05	1.89E-05	3.09E-05	3.00E-05	8.4497E-04
606474	4201459.56	40645.33022	0.0103	0.01033	0.05236	0.05327	0.18675	0.18306	1.02E-03	2.59E-06	2.63E-06	2.13E-05	2.16E-05	2.73E-05	2.67E-05	1.0702E-03
606498.84	4201448.36	40755.35533	0.01164	0.0117	0.0564	0.05731	0.17472	0.17138	1.02E-03	2.92E-06	2.98E-06	2.30E-05	2.32E-05	2.55E-05	2.50E-05	1.0770E-03
606507.25	4201499.81	36676.87568	0.00982	0.00981	0.051	0.05195	0.18207	0.17796	9.22E-04	2.47E-06	2.50E-06	2.08E-05	2.11E-05	2.66E-05	2.59E-05	9.6911E-04
606508.65	4201695.39	26492.80815	0.00936	0.0093	0.0506	0.05171	0.19016	0.18376	6.66E-04	2.35E-06	2.37E-06	2.06E-05	2.10E-05	2.78E-05	2.68E-05	7.1251E-04
606508.93	4201744.7	25261.65204	0.00995	0.00989	0.05549	0.05671	0.18481	0.17822	6.35E-04	2.50E-06	2.52E-06	2.26E-05	2.30E-05	2.70E-05	2.60E-05	6.8587E-04
606509	4201630.66	28482.97277	0.00869	0.00861	0.04735	0.0483	0.19143	0.18568	7.16E-04	2.18E-06	2.19E-06	1.93E-05	1.96E-05	2.80E-05	2.71E-05	7.5951E-04
606510.05	4201608.27	29627.71765	0.00882	0.00875	0.04775	0.0487	0.19072	0.18521	7.45E-04	2.22E-06	2.23E-06	1.94E-05	1.98E-05	2.79E-05	2.70E-05	7.8869E-04
606510.05	4201720.93	25951.28557	0.00973	0.00968	0.05329	0.05449	0.18729	0.18071	6.53E-04	2.44E-06	2.46E-06	2.17E-05	2.21E-05	2.74E-05	2.63E-05	7.0131E-04
606511.8	4201676.15	26830.49699	0.00902	0.00895	0.04883	0.04987	0.18961	0.18344	6.75E-04	2.27E-06	2.28E-06	1.99E-05	2.02E-05	2.77E-05	2.67E-05	7.1936E-04
606512.15	4201523.95	34810.92789	0.00966	0.00963	0.05062	0.05158	0.18339	0.179	8.75E-04	2.43E-06	2.45E-06	2.06E-05	2.09E-05	2.68E-05	2.61E-05	9.2180E-04
606512.15	4201589.73	30600.4474	0.00896	0.00889	0.04819	0.04913	0.1891	0.18384	7.70E-04	2.25E-06	2.26E-06	1.96E-05	1.99E-05	2.76E-05	2.68E-05	8.1357E-04
606512.5	4201654.8	27410.68721	0.00875	0.00867	0.04771	0.04869	0.18963	0.1837	6.89E-04	2.20E-06	2.21E-06	1.94E-05	1.98E-05	2.77E-05	2.68E-05	7.3288E-04
606513.2	4201565.24	32049.65289	0.0092	0.00914	0.04898	0.04994	0.18706	0.1822	8.06E-04	2.31E-06	2.33E-06	2.00E-05	2.03E-05	2.73E-05	2.66E-05	8.5079E-04
606516.35	4201548.09	33155.17121	0.00949	0.00944	0.05005	0.05102	0.18432	0.17964	8.34E-04	2.38E-06	2.40E-06	2.04E-05	2.07E-05	2.69E-05	2.62E-05	8.7961E-04
606518.78	4201441.37	40771.60934	0.01217	0.01224	0.05821	0.05911	0.16672	0.16362	1.03E-03	3.06E-06	3.11E-06	2.37E-05	2.40E-05	2.43E-05	2.38E-05	1.0791E-03
606541.86	4201446.62	39867.46432	0.0125	0.01257	0.06004	0.06098	0.1605	0.15745	1.00E-03	3.14E-06	3.20E-06	2.45E-05	2.47E-05	2.34E-05	2.29E-05	1.0581E-03
606547.14	4201545.99	33073.65845	0.0103	0.01024	0.0534	0.05445	0.17228	0.16796	8.32E-04	2.59E-06	2.61E-06	2.18E-05	2.21E-05	2.52E-05	2.45E-05	8.8073E-04
606547.49	4201643.96	27570.93292	0.00937	0.0093	0.05025	0.05128	0.17528	0.17	6.93E-04	2.35E-06	2.37E-06	2.05E-05	2.08E-05	2.56E-05	2.48E-05	7.3931E-04
606549.59	4201682.79	25896.88429	0.0092	0.00915	0.05031	0.05138	0.17272	0.1672	6.51E-04	2.31E-06	2.33E-06	2.05E-05	2.08E-05	2.52E-05	2.44E-05	6.9720E-04
606549.94	4201527.45	34387.95703	0.01062	0.01058	0.05473	0.05581	0.16957	0.16546	8.65E-04	2.67E-06	2.69E-06	2.23E-05	2.26E-05	2.48E-05	2.41E-05	9.1504E-04
606550.58	4201746.15	24616.55128	0.01023	0.01017	0.05633	0.05766	0.16782	0.16202	6.19E-04	2.57E-06	2.59E-06	2.29E-05	2.34E-05	2.45E-05	2.36E-05	6.7052E-04
606550.64	4201703.09	25282.20224	0.00932	0.00928	0.05116	0.05228	0.1712	0.16562	6.36E-04	2.34E-06	2.36E-06	2.08E-05	2.12E-05	2.50E-05	2.41E-05	6.8251E-04
606550.64	4201723.38	24891.1243	0.00968	0.00964	0.05302	0.05422	0.16999	0.1643	6.26E-04	2.43E-06	2.45E-06	2.16E-05	2.20E-05	2.48E-05	2.39E-05	6.7440E-04
606551.69	4201619.47	28713.92284	0.00961	0.00953	0.0509	0.05193	0.17394	0.16892	7.22E-04	2.41E-06	2.42E-06	2.07E-05	2.11E-05	2.54E-05	2.46E-05	7.6870E-04
606552.74	4201663.55	26676.14548	0.00937	0.0093	0.0506	0.05166	0.17257	0.16723	6.71E-04	2.35E-06	2.37E-06	2.06E-05	2.10E-05	2.52E-05	2.44E-05	7.1710E-04
606553.44	4201490.71	36855.94595	0.01129	0.01127	0.0574	0.05847	0.16404	0.16047	9.27E-04	2.84E-06	2.87E-06	2.34E-05	2.37E-05	2.40E-05	2.34E-05	9.7961E-04
606554.49	4201509.26	35651.42009	0.01102	0.01099	0.05639	0.05747	0.16599	0.16215	8.97E-04	2.77E-06	2.80E-06	2.30E-05	2.33E-05	2.42E-05	2.36E-05	9.4836E-04
606562.5	4201446.27	39414.18752	0.0129	0.01297	0.06179	0.06276	0.15439	0.15145	9.91E-04	3.24E-06	3.30E-06	2.52E-05	2.55E-05	2.25E-05	2.21E-05	1.0483E-03
606564.63	4201574.33	31189.22403	0.01045	0.01037	0.05401	0.0551	0.16784	0.16339	7.84E-04	2.62E-06	2.64E-06	2.20E-05	2.24E-05	2.45E-05	2.38E-05	8.3392E-04
606575.48	4201609.67	29099.48147	0.0103	0.01022	0.05359	0.05469	0.1651	0.16047	7.32E-04	2.59E-06	2.60E-06	2.18E-05	2.22E-05	2.41E-05	2.34E-05	7.8096E-04
606580.34	4201444.87	39090.44365	0.01328	0.01335	0.06337	0.06438	0.14921	0.14639	9.83E-04	3.34E-06	3.40E-06	2.58E-05	2.61E-05	2.18E-05	2.13E-05	1.0417E-03
606590.52	4201574.68	31133.97409	0.01124	0.01116	0.05743	0.05862	0.15883	0.1546	7.83E-04	2.82E-06	2.84E-06	2.34E-05	2.38E-05	2.32E-05	2.25E-05	8.3575E-04
606596.82	4201614.57	28772.38336	0.01086	0.01079	0.05609	0.05727	0.15774	0.15331	7.24E-04	2.73E-06	2.75E-06	2.28E-05	2.32E-05	2.30E-05	2.23E-05	7.7508E-04
606598.88	4201448.01	38440.38227	0.01365	0.01371	0.0651	0.06617	0.14463	0.14187	9.67E-04	3.43E-06	3.49E-06	2.65E-05	2.68E-05	2.11E-05	2.07E-05	1.0269E-03
606600.26	4201679.16	25847.35739	0.0103	0.01025	0.05543	0.05662	0.15476	0.15004	6.50E-04	2.59E-06	2.61E-06	2.26E-05	2.30E-05	2.26E-05	2.19E-05	7.0072E-04
606600.47	4201735.01	24178.9504	0.01061	0.01053	0.05803	0.05938	0.15081	0.14592	6.08E-04	2.66E-06	2.68E-06	2.36E-05	2.41E-05	2.20E-05	2.13E-05	6.6109E-04
606601.43	4201696.27	25227.39732	0.01027	0.01022	0.05582	0.05704	0.15333	0.14856	6.34E-04	2.58E-06	2.60E-06	2.27E-05	2.31E-05	2.24E-05	2.17E-05	6.8544E-04
606602.4	4201753.42	23824.10081	0.01097	0.01088	0.06001	0.06146	0.14848	0.14361	5.99E-04	2.76E-06	2.77E-06	2.44E-05	2.49E-05	2.17E-05	2.09E-05	6.5400E-04
606602.68	4201659.79	26600.91988	0.01048	0.01043	0.05563	0.05681	0.15492	0.15028	6.69E-04	2.63E-06	2.65E-06	2.27E-05	2.30E-05	2.26E-05	2.19E-05	7.1992E-04
606602.79	4201495.6	35491.17045	0.01269	0.01267	0.06359	0.06477	0.14888	0.14562	8.92E-04	3.19E-06	3.22E-06	2.59E-05	2.63E-05	2.17E-05	2.12E-05	9.5107E-04
606603.37	4201715.64	24639.74706	0.01041	0.01035	0.05687	0.05815	0.15136	0.14657	6.20E-04	2.61E-06	2.63E-06	2.32E-05	2.36E-05	2.21E-05	2.14E-05	6.7161E-04
606603.82	4201511.7	34572.59617	0.01248	0.01244	0.06293	0.06413	0.15013	0.14671	8.69E-04	3.13E-06	3.17E-06	2.56E-05	2.60E-05	2.19E-05	2.14E-05	9.2733E-04
606608.37	4201529.55	33517.09658	0.01242	0.01236	0.06286	0.06411	0.15015	0.14657	8.43E-04	3.12E-06	3.14E-06	2.56E-05	2.60E-05	2.19E-05	2.14E-05	9.0072E-04
606609.77	4201546.69	32602.35777	0.01227	0.0122	0.06229	0.06357	0.15084	0.14711	8.20E-04	3.08E-06	3.10E-06	2.54E-05	2.58E-05	2.20E-05	2.14E-05	8.7719E-04
606614.31	4201618.42	28511.16212	0.01133	0.01127	0.05832	0.05958	0.15196	0.14768	7.17E-04	2.85E-06	2.87E-06	2.38E-05	2.42E-05	2.22E-05	2.15E-05	7.7060E-04
606618.46	4201447.31	38023.99706	0.01408	0.01415	0.06699	0.06811	0.13956	0.1369	9.56E-04	3.54E-06	3.60E-06	2.73E-05	2.76E-05	2.04E-05	2.00E-05	1.0182E-03
606634.55	4201446.27	37700.47009	0.01449	0.01455	0.06864	0.06982	0.13551	0.13293	9.48E-04	3.64E-06	3.70E-06	2.80E-05	2.83E-05	1.98E-05	1.94E-05	1.0117E-03
606636.58	4201680.62	25699.18298	0.01135	0.01127	0.06022	0.06157	0.14314	0.13884	6.46E-04	2.85E-06	2.87E-06	2.45E-05	2.50E-05	2.09E-05	2.02E-05	7.0147E-04
606636.61	4201495.6	34745.21554	0.01369	0.01367	0.06785	0.06911	0.13936	0.13633	8.74E-04	3.44E-06	3.48E-06	2.76E-05	2.80E-05	2.04E-05	1.99E-05	9.3632E-04
606637.41	4201622.62	28281.10068	0.012	0.01193	0.06161	0.06297	0.14468	0.14057	7.11E-04	3.01E-06	3.04E-06	2.51E-05	2.55E-05	2.11E-05	2.05E-05	7.6787E-04
606637.54	4201662.7	26404.37585	0.01151	0.01144	0.06045	0.0618	0.14372	0.13944	6.64E-04	2.89E-06	2.91E-06	2.46E-05	2.51E-05	2.10E-05	2.03E-05	7.1948E-04
606638.46	4201547.04	32053.83243	0.01314	0.01308	0.06648	0.06784	0.14216	0.1387	8.06E-04	3.30E-06	3.33E-06	2.71E-05	2.75E-05	2.08E-05	2.02E-05	8.6728E-04
606638.81	4201564.89	31187.63377	0.01301	0.01295	0.0662	0.0676	0.14278	0.13916	7.84E-04	3.27E-06	3.29E-06	2.70E-05	2.74E-05	2.09E-05	2.03E-05	8.4522E-04
606640.21	4201512.75	33754.26056	0.01357	0.01353	0.06774	0.06904	0.13962	0.13645	8.49E-04	3.41E-06	3.44E-06	2.76E-05	2.80E-05	2.04E-05	1.99E-05	9.1126E-04
606640.21	4201583.08	30325.38349	0.01289	0.01281	0.06583	0.06726	0.14293	0.13917	7.63E-04	3.24E-06	3.26E-06	2.68E-05	2.73E-05	2.09E-05	2.03E-05	8.2318E-04
606640.56	4201604.42	29260.03205	0.01249	0.01242	0.06379	0.0652	0.14351	0.13955	7.36E-04	3.14E-06	3.16E-06	2.60E-05	2.64E-05	2.10E-05	2.03E-05	7.9452E-04
606641.63	4201699.66	25009.14969	0.01148	0.01138	0.06124	0.06263	0.1405	0.13621	6.29E-04	2.88E-06	2.90E-06	2.49E-05	2.54E-05	2.05E-05	1.99E-05	6.8503E-04
606645.02	4201715.16	24493.3904	0.01162	0.01152	0.06217	0.06362	0.13842	0.13415	6.16E-04	2.92E-06	2.93E-06	2.53E-05	2.58E-05	2.02E-05	1.96E-05	6.7291E-04
606646.47	4201734.05	23922.40494	0.01178	0.01166	0.06319	0.0647	0.13656	0.13231	6.02E-04	2.96E-06	2.97E-06	2.57E-05	2.62E-05	1.99E-05	1.93E-05	6.5948E-04
606650.35	4201752.93	23449.32967	0.01208	0.01196	0.0649	0.06649	0.13387	0.12965	5.90E-04	3.03E-06	3.04E-06	2.64E-05	2.70E-05	1.95E-05	1.89E-05	6.4916E-04
606654.84	4201448.01	37085.67433	0.01502	0.01507	0.07097	0.07221	0.13088	0.12838	9.33E-04	3.77E-06	3.83E-06	2.89E-05	2.93E-05	1.91E-05	1.87E-05	9.9839E-04
606671.98	4201445.92	36777.82566	0.01554	0.01559	0.07308	0.07439	0.12681	0.1244	9.25E-04	3.90E-06	3.97E-06	2.98E-05	3.02E-05	1.85E-05	1.81E-05	9.9266E-04
606684.37	4201668.7	26012.03799	0.01316	0.01303	0.06793	0.06954	0.13003	0.12624	6.54E-04	3.31E-06	3.32E-06	2.77E-05	2.82E-05	1.90E-05	1.84E-05	7.1662E-04
606684.48	4201614.96	28272.86433	0.01398	0.01387	0.07148	0.07312	0.13074	0.12722	7.11E-04	3.51E-06	3.53E-06	2.91E-05	2.97E-05	1.91E-05	1.85E-05	7.7679E-04
606688.39	4201702.89	24724.35866	0.01311	0.01298	0.06831	0.06997	0.12722	0.12345	6.22E-04	3.29E-06	3.30E-06	2.78E-05	2.84E-05	1.86E-05	1.80E-05	6.8454E-04
606689.81	4201512.79	32700.40056	0.01528	0.01525	0.07496	0.07643	0.12702	0.12419	8.22E-04	3.84E-06	3.88E-06	3.05E-05	3.10E-05	1.85E-05	1.81E-05	8.9156E-04
606689.81	4201589.3	29237.62085	0.01437	0.01427	0.07287	0.07449	0.12923	0.12592	7.35E-04	3.61E-06	3.63E-06	2.97E-05	3.02E-05	1.89E-05	1.84E-05	8.0237E-04
606689.82	4201446.96	36246.43695	0.01611	0.01616	0.07546	0.07686	0.12298	0.12064	9.11E-04	4.05E-06	4.11E-06	3.07E-05	3.12E-05	1.80E-05	1.76E-05	9.8155E-04
606690.08	4201496.69	33494.76105	0.01551	0.0155	0.07544	0.07689	0.12612	0.1234	8.42E-04	3.90E-06	3.94E-06	3.07E-05	3.12E-05	1.84E-05	1.80E-05	9.1204E-04
606690.29	4201532.16	31764.89541	0.01492	0.01485	0.0741	0.07561	0.12773	0.12476	7.99E-04	3.75E-06	3.78E-06	3.02E-05	3.07E-05	1.87E-05	1.82E-05	8.6716E-04
606692.23	4201548.14	30989.77802	0.01481	0.01473	0.07401	0.07555	0.12775	0.1247	7.79E-04	3.72E-06	3.75E-06	3.01E-05	3.06E-05	1.87E-05	1.82E-05	8.4755E-04
606692.23	4201569.44	30044.50223	0.01461	0.01452	0.07355	0.07514	0.12826	0.12508	7.56E-04	3.67E-06	3.69E-06	3.00E-05	3.05E-05	1.87E-05	1.82E-05	8.2332E-04
606697.33	4201750.03	23113.97745	0.01314	0.01306	0.06998	0.07175	0.12172	0.11805	5.81E-04	3.30E-06	3.32E-06	2.85E-05	2.91E-05	1.78E-05	1.72E-05	6.4547E-04
606705.15	4201666.69	25984.54709	0.01404	0.0139	0.07189	0.07363	0.12461	0.12107	6.53E-04	3.53E-06	3.54E-06	2.93E-05	2.99E-05	1.82E-05	1.76E-05	7.1964E-04
606709.06	4201446.27	35760.6122	0.01684	0.01686	0.07823	0.07967	0.11885	0.1166	8.99E-04	4.23E-06	4.29E-06	3.19E-05	3.23E-05	1.74E-05	1.70E-05	9.7196E-04
606709.18	4201615.93	27859.40087	0.01482	0.01469	0.0752	0.07695	0.12442	0.12111	7.01E-04	3.72E-06	3.74E-06	3.06E-05	3.12E-05	1.82E-05	1.77E-05	7.6988E-04
606709.84	4201695.52	24817.61977	0.01388	0.01375	0.07165	0.07342	0.1222	0.11866	6.24E-04	3.49E-06	3.50E-06	2.92E-05	2.98E-05	1.78E-05	1.73E-05	6.9003E-04
606718.86	4201551.04	30357.33231	0.0157	0.01559	0.0778	0.07947	0.12155	0.11867	7.63E-04	3.94E-06	3.97E-06	3.17E-05	3.22E-05	1.78E-05	1.73E-05	8.3522E-04
606720.09	4201748.57	22906.81392	0.01349	0.01345	0.0722	0.07406	0.11642	0.113	5.76E-04	3.39E-06	3.42E-06	2.94E-05	3.00E-05	1.70E-05	1.65E-05	6.4229E-04
606720.31	4201572.83	29390.87305	0.01563	0.01551	0.07812	0.07985	0.12144	0.11846	7.39E-04	3.93E-06	3.95E-06	3.18E-05	3.24E-05	1.77E-05	1.73E-05	8.1117E-04
606723.22	4201511.82	32032.09526	0.01644	0.01639	0.07992	0.08155	0.11943	0.1168	8.06E-04	4.13E-06	4.17E-06	3.26E-05	3.31E-05	1.74E-05	1.70E-05	8.7944E-04
606724.19	4201533.13	31042.03203	0.01618	0.01609	0.07937	0.08103	0.11994	0.11719	7.81E-04	4.06E-06	4.09E-06	3.23E-05	3.29E-05	1.75E-05	1.71E-05	8.5396E-04
606725.93	4201665.35	25827.5965	0.01482	0.01468	0.07542	0.07728	0.11956	0.11622	6.49E-04	3.72E-06	3.73E-06	3.07E-05	3.13E-05	1.75E-05	1.69E-05	7.1901E-04
606728.64	4201447.31	35164.34129	0.01759	0.01761	0.0813	0.08289	0.11497	0.11279	8.84E-04	4.42E-06	4.48E-06	3.31E-05	3.36E-05	1.68E-05	1.64E-05	9.5991E-04
606730.46	4201491.23	32803.52219	0.01714	0.0171	0.08188	0.08349	0.11687	0.11441	8.25E-04	4.30E-06	4.35E-06	3.34E-05	3.39E-05	1.71E-05	1.67E-05	9.0078E-04
606733.87	4201616.9	27437.31772	0.01576	0.01561	0.07934	0.08122	0.11834	0.11531	6.90E-04	3.96E-06	3.97E-06	3.23E-05	3.29E-05	1.73E-05	1.68E-05	7.6315E-04
606739.34	4201697.53	24433.20064	0.01468	0.0146	0.07565	0.07756	0.11522	0.11195	6.14E-04	3.69E-06	3.71E-06	3.08E-05	3.15E-05	1.68E-05	1.63E-05	6.8409E-04
606745.08	4201446.96	34759.35819	0.0182	0.01819	0.08381	0.08552	0.11186	0.10974	8.74E-04	4.57E-06	4.63E-06	3.41E-05	3.47E-05	1.63E-05	1.60E-05	9.5211E-04
606748.4	4201588.33	28235.09383	0.01684	0.01671	0.08424	0.08616	0.11503	0.11218	7.10E-04	4.23E-06	4.25E-06	3.43E-05	3.50E-05	1.68E-05	1.64E-05	7.8776E-04
606749.39	4201666.02	25499.6276	0.01558	0.01546	0.07895	0.08094	0.11423	0.11106	6.41E-04	3.91E-06	3.93E-06	3.22E-05	3.28E-05	1.67E-05	1.62E-05	7.1407E-04
606749.63	4201747.12	22446.47908	0.01342	0.01347	0.07386	0.07576	0.10996	0.10683	5.64E-04	3.37E-06	3.43E-06	3.01E-05	3.07E-05	1.61E-05	1.56E-05	6.3207E-04
606760.02	4201616.9	27008.60928	0.01687	0.01672	0.08463	0.08667	0.1124	0.10953	6.79E-04	4.24E-06	4.25E-06	3.45E-05	3.52E-05	1.64E-05	1.60E-05	7.5730E-04
606763.47	4201701.55	23981.88253	0.01508	0.01506	0.07847	0.08049	0.10985	0.10677	6.03E-04	3.79E-06	3.83E-06	3.20E-05	3.27E-05	1.60E-05	1.56E-05	6.7530E-04
606764.67	4201449.41	34117.08072	0.01893	0.01891	0.08704	0.08887	0.10844	0.10638	8.58E-04	4.75E-06	4.81E-06	3.55E-05	3.61E-05	1.58E-05	1.55E-05	9.3900E-04
606772.85	4201664.68	25233.27609	0.01629	0.01621	0.0825	0.08465	0.10933	0.10635	6.35E-04	4.09E-06	4.12E-06	3.36E-05	3.43E-05	1.60E-05	1.55E-05	7.1069E-04
606773.36	4201751.96	21852.058	0.01284	0.01296	0.07486	0.07681	0.10458	0.10167	5.50E-04	3.22E-06	3.30E-06	3.05E-05	3.12E-05	1.53E-05	1.48E-05	6.1768E-04
606774.54	4201498.02	31382.11511	0.01902	0.01894	0.0899	0.09192	0.10823	0.10595	7.89E-04	4.78E-06	4.82E-06	3.66E-05	3.73E-05	1.58E-05	1.54E-05	8.7266E-04
606774.54	4201515.11	30725.21095	0.01861	0.0185	0.08917	0.09104	0.10899	0.10662	7.73E-04	4.67E-06	4.71E-06	3.63E-05	3.69E-05	1.59E-05	1.55E-05	8.5527E-04
606776.24	4201532.76	29980.77908	0.01832	0.0182	0.08844	0.09047	0.10916	0.10671	7.54E-04	4.60E-06	4.63E-06	3.60E-05	3.67E-05	1.59E-05	1.56E-05	8.3587E-04
606777.77	4201572.87	28284.26614	0.01823	0.0181	0.09019	0.09215	0.10895	0.10635	7.11E-04	4.58E-06	4.61E-06	3.67E-05	3.74E-05	1.59E-05	1.55E-05	7.9456E-04
606781.11	4201450.46	33641.92783	0.01957	0.01953	0.08984	0.09172	0.10565	0.10365	8.46E-04	4.91E-06	4.97E-06	3.66E-05	3.72E-05	1.54E-05	1.51E-05	9.2967E-04
606781.63	4201550.27	29117.54833	0.01852	0.0184	0.09031	0.09236	0.1082	0.10571	7.32E-04	4.65E-06	4.68E-06	3.68E-05	3.75E-05	1.58E-05	1.54E-05	8.1579E-04
606784.71	4201619.32	26538.87977	0.01774	0.01762	0.08868	0.0909	0.10738	0.10467	6.67E-04	4.46E-06	4.48E-06	3.61E-05	3.69E-05	1.57E-05	1.53E-05	7.4930E-04
606788.27	4201705.57	23503.88587	0.01526	0.01532	0.08129	0.08342	0.10469	0.10182	5.91E-04	3.83E-06	3.90E-06	3.31E-05	3.38E-05	1.53E-05	1.48E-05	6.6573E-04
606796.31	4201667.36	24832.75102	0.0168	0.0168	0.08589	0.08817	0.10463	0.10185	6.24E-04	4.22E-06	4.27E-06	3.50E-05	3.58E-05	1.53E-05	1.48E-05	7.0371E-04
606800	4201757.78	21322.82338	0.01253	0.01266	0.07786	0.07992	0.09896	0.09629	5.36E-04	3.15E-06	3.22E-06	3.17E-05	3.24E-05	1.45E-05	1.40E-05	6.0670E-04
606800.7	4201451.51	33079.23715	0.02041	0.02034	0.09344	0.09542	0.10243	0.10049	8.32E-04	5.13E-06	5.17E-06	3.81E-05	3.87E-05	1.50E-05	1.46E-05	9.1890E-04
606805.3	4201504.85	30338.84366	0.02039	0.02027	0.09626	0.09848	0.10278	0.10061	7.63E-04	5.12E-06	5.16E-06	3.92E-05	3.99E-05	1.50E-05	1.47E-05	8.5236E-04
606806.99	4201621.74	26115.78092	0.01843	0.01835	0.09211	0.09451	0.10315	0.10058	6.57E-04	4.63E-06	4.67E-06	3.75E-05	3.83E-05	1.51E-05	1.47E-05	7.4188E-04
606808.1	4201568.11	27890.76166	0.0196	0.01948	0.09624	0.09848	0.10322	0.10081	7.01E-04	4.92E-06	4.96E-06	3.92E-05	3.99E-05	1.51E-05	1.47E-05	7.9039E-04
606815.75	4201713.62	22866.74109	0.01522	0.01534	0.08487	0.08717	0.09914	0.09649	5.75E-04	3.82E-06	3.90E-06	3.46E-05	3.54E-05	1.45E-05	1.41E-05	6.5268E-04
606818.19	4201452.56	32565.68563	0.02123	0.02115	0.0969	0.09899	0.09966	0.09777	8.19E-04	5.33E-06	5.38E-06	3.95E-05	4.02E-05	1.46E-05	1.43E-05	9.0926E-04
606818.4	4201543.59	28574.4548	0.02051	0.0204	0.09873	0.10106	0.10124	0.09897	7.19E-04	5.15E-06	5.19E-06	4.02E-05	4.10E-05	1.48E-05	1.44E-05	8.1011E-04
606820.45	4201672.06	24358.70971	0.01715	0.01722	0.08953	0.09198	0.10004	0.09739	6.13E-04	4.31E-06	4.38E-06	3.65E-05	3.73E-05	1.46E-05	1.42E-05	6.9501E-04
606822.76	4201767.46	20826.32317	0.01251	0.01257	0.08146	0.0837	0.09432	0.09183	5.24E-04	3.14E-06	3.20E-06	3.32E-05	3.40E-05	1.38E-05	1.34E-05	5.9719E-04
606823.52	4201500.3	30097.86887	0.02134	0.02122	0.10016	0.10247	0.09957	0.0975	7.57E-04	5.36E-06	5.40E-06	4.08E-05	4.16E-05	1.45E-05	1.42E-05	8.4999E-04
606827.42	4201586.84	26908.08073	0.01998	0.01991	0.099	0.10153	0.09982	0.09746	6.77E-04	5.02E-06	5.07E-06	4.03E-05	4.12E-05	1.46E-05	1.42E-05	7.6824E-04
606829.21	4201623.71	25708.58017	0.01905	0.01903	0.09568	0.09827	0.09924	0.0968	6.46E-04	4.78E-06	4.84E-06	3.90E-05	3.99E-05	1.45E-05	1.41E-05	7.3495E-04
606836.03	4201452.56	32091.29997	0.02215	0.02204	0.1006	0.10286	0.0969	0.09506	8.07E-04	5.56E-06	5.61E-06	4.10E-05	4.17E-05	1.42E-05	1.39E-05	9.0086E-04
606838.55	4201678.09	23889.48278	0.01726	0.01738	0.09249	0.09507	0.09666	0.09415	6.01E-04	4.33E-06	4.42E-06	3.77E-05	3.86E-05	1.41E-05	1.37E-05	6.8574E-04
606839.22	4201718.98	22426.41475	0.01533	0.01546	0.08889	0.09137	0.0948	0.0923	5.64E-04	3.85E-06	3.93E-06	3.62E-05	3.71E-05	1.38E-05	1.35E-05	6.4501E-04
606840.61	4201535.61	28407.77333	0.02169	0.02159	0.10369	0.10628	0.09744	0.0953	7.14E-04	5.45E-06	5.49E-06	4.22E-05	4.31E-05	1.42E-05	1.39E-05	8.1065E-04
606848.02	4201501.43	29484.36125	0.02261	0.02249	0.10582	0.10834	0.09567	0.09369	7.41E-04	5.68E-06	5.72E-06	4.31E-05	4.39E-05	1.40E-05	1.37E-05	8.3989E-04
606848.84	4201591.3	26395.71347	0.02064	0.02062	0.10272	0.10548	0.09623	0.09397	6.64E-04	5.18E-06	5.25E-06	4.18E-05	4.28E-05	1.41E-05	1.37E-05	7.5882E-04
606849.73	4201627.88	25258.78555	0.01946	0.01951	0.09904	0.10181	0.09583	0.0935	6.35E-04	4.89E-06	4.96E-06	4.03E-05	4.13E-05	1.40E-05	1.36E-05	7.2667E-04
606852.3	4201771.34	20460.62335	0.01303	0.013	0.0869	0.08937	0.08934	0.08704	5.15E-04	3.27E-06	3.31E-06	3.54E-05	3.63E-05	1.30E-05	1.27E-05	5.9275E-04
606854.57	4201452.21	31602.59452	0.02321	0.02309	0.10489	0.10726	0.0941	0.09233	7.95E-04	5.83E-06	5.87E-06	4.27E-05	4.35E-05	1.37E-05	1.35E-05	8.9264E-04
606859.41	4201535.04	28041.14538	0.02261	0.02254	0.10807	0.11089	0.09446	0.09241	7.05E-04	5.68E-06	5.73E-06	4.40E-05	4.50E-05	1.38E-05	1.35E-05	8.0556E-04
606861.34	4201681.44	23492.36351	0.01763	0.01778	0.09735	0.10014	0.09274	0.09035	5.91E-04	4.43E-06	4.52E-06	3.97E-05	4.06E-05	1.35E-05	1.32E-05	6.7998E-04
606866.7	4201722.33	22006.91273	0.01571	0.01579	0.09424	0.09694	0.09019	0.08788	5.53E-04	3.95E-06	4.02E-06	3.84E-05	3.93E-05	1.32E-05	1.28E-05	6.3907E-04
606867.39	4201504.28	28929.8236	0.02362	0.02351	0.11068	0.1134	0.09278	0.09086	7.27E-04	5.93E-06	5.98E-06	4.51E-05	4.60E-05	1.35E-05	1.32E-05	8.3049E-04
606867.57	4201584.76	26274.56766	0.02147	0.02149	0.10694	0.10989	0.09331	0.09116	6.61E-04	5.39E-06	5.47E-06	4.36E-05	4.46E-05	1.36E-05	1.33E-05	7.5971E-04
606873.22	4201634.72	24680.62652	0.01983	0.01996	0.10371	0.1067	0.09199	0.08978	6.21E-04	4.98E-06	5.08E-06	4.22E-05	4.33E-05	1.34E-05	1.31E-05	7.1622E-04
606875.9	4201452.56	30970.93362	0.02472	0.02459	0.11081	0.11344	0.09096	0.08926	7.79E-04	6.21E-06	6.26E-06	4.51E-05	4.60E-05	1.33E-05	1.30E-05	8.8243E-04
606876.03	4201770.85	20272.90341	0.01367	0.01364	0.09188	0.09454	0.08585	0.08369	5.10E-04	3.43E-06	3.47E-06	3.74E-05	3.84E-05	1.25E-05	1.22E-05	5.9248E-04
606876.75	4201686.8	23144.7058	0.01785	0.018	0.10108	0.10402	0.09009	0.08779	5.82E-04	4.48E-06	4.58E-06	4.12E-05	4.22E-05	1.32E-05	1.28E-05	6.7444E-04
606879.35	4201540.17	27475.10609	0.02337	0.02333	0.11258	0.11551	0.09153	0.08954	6.91E-04	5.87E-06	5.94E-06	4.59E-05	4.69E-05	1.34E-05	1.31E-05	7.9543E-04
606884.47	4201502.57	28595.44391	0.0246	0.02452	0.11529	0.11818	0.09025	0.08841	7.19E-04	6.18E-06	6.24E-06	4.70E-05	4.79E-05	1.32E-05	1.29E-05	8.2640E-04
606889.49	4201720.32	21829.26365	0.01642	0.01649	0.09988	0.1028	0.08683	0.08465	5.49E-04	4.12E-06	4.20E-06	4.07E-05	4.17E-05	1.27E-05	1.23E-05	6.3964E-04
606891.36	4201599.33	25409.79354	0.02174	0.02186	0.11094	0.11416	0.08956	0.08749	6.39E-04	5.46E-06	5.56E-06	4.52E-05	4.63E-05	1.31E-05	1.28E-05	7.4149E-04
606892.25	4201637.1	24289.92793	0.02046	0.02064	0.11009	0.11336	0.08877	0.08665	6.11E-04	5.14E-06	5.25E-06	4.48E-05	4.60E-05	1.30E-05	1.26E-05	7.1203E-04
606892.34	4201453.96	30414.40102	0.02597	0.02586	0.11619	0.11897	0.08861	0.08695	7.65E-04	6.52E-06	6.58E-06	4.73E-05	4.83E-05	1.29E-05	1.27E-05	8.7351E-04
606897.31	4201583.27	25790.62322	0.02247	0.02259	0.11325	0.11652	0.08889	0.08688	6.49E-04	5.64E-06	5.75E-06	4.61E-05	4.73E-05	1.30E-05	1.27E-05	7.5334E-04
606898.2	4201691.5	22746.15549	0.01839	0.01855	0.10748	0.1107	0.08664	0.08448	5.72E-04	4.62E-06	4.72E-06	4.38E-05	4.49E-05	1.27E-05	1.23E-05	6.7001E-04
606900.73	4201772.79	20037.47523	0.01432	0.01439	0.0979	0.10078	0.08235	0.08032	5.04E-04	3.60E-06	3.66E-06	3.99E-05	4.09E-05	1.20E-05	1.17E-05	5.9189E-04
606902.13	4201544.16	26910.18408	0.02408	0.02411	0.11749	0.12066	0.08833	0.08643	6.77E-04	6.05E-06	6.13E-06	4.79E-05	4.89E-05	1.29E-05	1.26E-05	7.8569E-04
606905.55	4201522.51	27486.97593	0.02523	0.02525	0.12061	0.12391	0.08763	0.08579	6.91E-04	6.34E-06	6.42E-06	4.91E-05	5.03E-05	1.28E-05	1.25E-05	8.0336E-04
606912.96	4201504.85	27856.36798	0.02615	0.02615	0.12379	0.12704	0.08633	0.08457	7.00E-04	6.57E-06	6.65E-06	5.04E-05	5.15E-05	1.26E-05	1.23E-05	8.1567E-04
606914.38	4201456.76	29642.42993	0.02748	0.02739	0.12366	0.12672	0.0856	0.084	7.45E-04	6.90E-06	6.97E-06	5.04E-05	5.14E-05	1.25E-05	1.22E-05	8.6105E-04
606922.34	4201725.01	21273.94017	0.01687	0.01701	0.10714	0.11035	0.082	0.07999	5.35E-04	4.24E-06	4.33E-06	4.36E-05	4.48E-05	1.20E-05	1.17E-05	6.3194E-04
606923.68	4201691.5	22388.33396	0.01911	0.01933	0.11582	0.11943	0.08298	0.08096	5.63E-04	4.80E-06	4.92E-06	4.72E-05	4.84E-05	1.21E-05	1.18E-05	6.6833E-04
606925.43	4201770.37	19903.89777	0.01485	0.01508	0.10454	0.10767	0.07929	0.07737	5.01E-04	3.73E-06	3.84E-06	4.26E-05	4.37E-05	1.16E-05	1.13E-05	5.9434E-04
606932.92	4201460.96	28957.22728	0.02863	0.0286	0.13014	0.13348	0.08324	0.08168	7.28E-04	7.19E-06	7.28E-06	5.30E-05	5.41E-05	1.22E-05	1.19E-05	8.4980E-04
606935.74	4201641.22	23412.55201	0.02184	0.02215	0.12855	0.13266	0.08227	0.08036	5.89E-04	5.48E-06	5.64E-06	5.24E-05	5.38E-05	1.20E-05	1.17E-05	7.0604E-04
606940.44	4201723.67	21117.19786	0.01731	0.01755	0.11262	0.11609	0.07967	0.07775	5.31E-04	4.35E-06	4.47E-06	4.59E-05	4.71E-05	1.16E-05	1.13E-05	6.3280E-04
606941.11	4201611.06	24141.95868	0.02307	0.02338	0.12955	0.13369	0.08224	0.08038	6.07E-04	5.79E-06	5.95E-06	5.28E-05	5.42E-05	1.20E-05	1.17E-05	7.2583E-04
606942.45	4201591.62	24683.97666	0.02372	0.02401	0.12828	0.13234	0.08246	0.08063	6.21E-04	5.96E-06	6.11E-06	5.23E-05	5.37E-05	1.20E-05	1.18E-05	7.3872E-04
606947.14	4201691.5	22058.0797	0.01957	0.01988	0.12339	0.12741	0.07986	0.07793	5.55E-04	4.91E-06	5.06E-06	5.03E-05	5.17E-05	1.17E-05	1.14E-05	6.6660E-04
606947.26	4201548.33	25885.06577	0.02549	0.02572	0.12883	0.13277	0.08234	0.0806	6.51E-04	6.40E-06	6.54E-06	5.25E-05	5.39E-05	1.20E-05	1.17E-05	7.7020E-04
606948.68	4201774.24	19653.77831	0.01503	0.01541	0.11206	0.11554	0.07631	0.07449	4.94E-04	3.77E-06	3.92E-06	4.56E-05	4.69E-05	1.11E-05	1.09E-05	5.9444E-04
606951.81	4201517.55	26653.65836	0.02766	0.02786	0.13548	0.13944	0.08159	0.07993	6.70E-04	6.95E-06	7.09E-06	5.52E-05	5.66E-05	1.19E-05	1.17E-05	7.9603E-04
606952.5	4201465.5	28266.06458	0.02979	0.02984	0.13756	0.14123	0.08087	0.07934	7.11E-04	7.48E-06	7.59E-06	5.60E-05	5.73E-05	1.18E-05	1.16E-05	8.3919E-04
606957.19	4201638.54	23137.27421	0.02236	0.02273	0.13595	0.1405	0.07956	0.07774	5.82E-04	5.62E-06	5.78E-06	5.54E-05	5.70E-05	1.16E-05	1.13E-05	7.0559E-04
606965.8	4201551.48	25414.22047	0.02597	0.02629	0.13496	0.13925	0.08	0.07831	6.39E-04	6.52E-06	6.69E-06	5.50E-05	5.65E-05	1.17E-05	1.14E-05	7.6375E-04
606967.25	4201725.68	20739.67528	0.01741	0.01782	0.12065	0.12455	0.07625	0.07445	5.22E-04	4.37E-06	4.53E-06	4.91E-05	5.05E-05	1.11E-05	1.09E-05	6.3011E-04
606969.26	4201597.65	24014.11066	0.02426	0.02465	0.13912	0.14379	0.07891	0.07718	6.04E-04	6.09E-06	6.27E-06	5.67E-05	5.83E-05	1.15E-05	1.12E-05	7.3124E-04
606970	4201519.99	26217.1469	0.02805	0.02834	0.14103	0.14512	0.07947	0.07786	6.59E-04	7.04E-06	7.21E-06	5.74E-05	5.89E-05	1.16E-05	1.13E-05	7.8984E-04
606973.28	4201692.84	21656.59442	0.01986	0.02027	0.13269	0.13725	0.07654	0.07473	5.45E-04	4.99E-06	5.16E-06	5.40E-05	5.57E-05	1.12E-05	1.09E-05	6.6446E-04
606974.19	4201467.6	27634.71767	0.03111	0.03128	0.14665	0.15078	0.07833	0.07686	6.95E-04	7.81E-06	7.96E-06	5.97E-05	6.12E-05	1.14E-05	1.12E-05	8.3159E-04
606981.54	4201556.73	24946.95992	0.02619	0.0266	0.14063	0.14526	0.07805	0.07641	6.27E-04	6.58E-06	6.77E-06	5.73E-05	5.89E-05	1.14E-05	1.11E-05	7.5689E-04
606983.34	4201639.21	22699.42175	0.0228	0.02322	0.14597	0.15117	0.07635	0.07464	5.71E-04	5.73E-06	5.91E-06	5.95E-05	6.13E-05	1.11E-05	1.09E-05	7.0323E-04
606986.02	4201605.69	23494.70618	0.02433	0.02478	0.14672	0.15184	0.07673	0.07505	5.91E-04	6.11E-06	6.30E-06	5.98E-05	6.16E-05	1.12E-05	1.09E-05	7.2459E-04
606989.24	4201523.49	25711.63348	0.02847	0.02888	0.14777	0.15247	0.07724	0.07568	6.47E-04	7.15E-06	7.35E-06	6.02E-05	6.18E-05	1.13E-05	1.10E-05	7.8310E-04
606994.48	4201473.2	26916.67871	0.03202	0.03234	0.15625	0.16081	0.07602	0.07459	6.77E-04	8.04E-06	8.23E-06	6.36E-05	6.52E-05	1.11E-05	1.09E-05	8.2201E-04
606994.73	4201727.69	20344.68383	0.01722	0.0177	0.12976	0.13418	0.07297	0.07129	5.12E-04	4.32E-06	4.50E-06	5.29E-05	5.44E-05	1.07E-05	1.04E-05	6.2771E-04
606995.17	4201774.24	19251.00947	0.01507	0.01545	0.12866	0.133	0.07106	0.06944	4.84E-04	3.78E-06	3.93E-06	5.24E-05	5.40E-05	1.04E-05	1.01E-05	5.9817E-04
606999.43	4201694.18	21257.24953	0.01996	0.02044	0.14285	0.14806	0.07343	0.07174	5.35E-04	5.01E-06	5.20E-06	5.82E-05	6.01E-05	1.07E-05	1.05E-05	6.6301E-04
607000.43	4201559.18	24512.06612	0.0265	0.027	0.14717	0.15228	0.07585	0.07427	6.16E-04	6.66E-06	6.87E-06	5.99E-05	6.18E-05	1.11E-05	1.08E-05	7.5164E-04
607006.13	4201605.69	23132.04837	0.02481	0.0253	0.15648	0.1622	0.07438	0.07277	5.82E-04	6.23E-06	6.44E-06	6.37E-05	6.58E-05	1.09E-05	1.06E-05	7.2390E-04
607006.8	4201642.56	22243.26709	0.02304	0.0235	0.15618	0.16208	0.07357	0.07194	5.59E-04	5.79E-06	5.98E-06	6.36E-05	6.57E-05	1.07E-05	1.05E-05	7.0047E-04
607008.48	4201525.94	25233.71519	0.02895	0.02946	0.15601	0.1612	0.07507	0.07357	6.35E-04	7.27E-06	7.50E-06	6.35E-05	6.54E-05	1.10E-05	1.07E-05	7.7825E-04
607012.32	4201474.6	26453.41698	0.03295	0.03341	0.16568	0.1708	0.07412	0.07273	6.65E-04	8.28E-06	8.50E-06	6.75E-05	6.93E-05	1.08E-05	1.06E-05	8.1876E-04

607016.85	4201734.4	19909.35037	0.01679	0.0172	0.13781	0.14271	0.0703	0.06871	5.01E-04	4.22E-06	4.38E-06	5.61E-05	5.79E-05	1.03E-05	1.00E-05	6.2327E-04
607018.28	4201564.42	24023.24543	0.02662	0.0272	0.1551	0.16075	0.07379	0.07226	6.04E-04	6.69E-06	6.92E-06	6.32E-05	6.52E-05	1.08E-05	1.05E-05	7.4609E-04
607019.38	4201778.6	18963.8138	0.01516	0.01542	0.13973	0.1447	0.06838	0.06685	4.77E-04	3.81E-06	3.92E-06	5.69E-05	5.87E-05	9.99E-06	9.74E-06	6.0022E-04
607022.22	4201611.73	22660.04011	0.02514	0.02567	0.1689	0.17517	0.07237	0.07081	5.70E-04	6.31E-06	6.53E-06	6.88E-05	7.11E-05	1.06E-05	1.03E-05	7.2252E-04
607024.22	4201530.14	24787.89158	0.02915	0.02975	0.16334	0.16907	0.07334	0.07188	6.23E-04	7.32E-06	7.57E-06	6.65E-05	6.86E-05	1.07E-05	1.05E-05	7.7334E-04
607024.23	4201700.21	20785.38622	0.01968	0.02015	0.15255	0.15841	0.07055	0.06896	5.23E-04	4.94E-06	5.13E-06	6.21E-05	6.43E-05	1.03E-05	1.01E-05	6.5915E-04
607026.25	4202541.14	9166.97242	0.00835	0.00839	1.18461	1.42918	0.03902	0.03834	2.31E-04	2.10E-06	2.13E-06	4.83E-04	5.80E-04	5.70E-06	5.59E-06	1.2970E-03
607027.58	4201648.59	21783.95201	0.02304	0.0235	0.16542	0.17204	0.07118	0.06962	5.48E-04	5.79E-06	5.98E-06	6.74E-05	6.98E-05	1.04E-05	1.01E-05	6.9673E-04
607027.66	4202519.84	9359.41303	0.00854	0.00858	1.11494	1.37262	0.03972	0.03902	2.35E-04	2.14E-06	2.18E-06	4.54E-04	5.57E-04	5.80E-06	5.69E-06	1.2506E-03
607028.76	4201479.84	25912.33368	0.03345	0.03405	0.17529	0.18093	0.07244	0.07108	6.52E-04	8.40E-06	8.66E-06	7.14E-05	7.34E-05	1.06E-05	1.04E-05	8.1347E-04
607029.94	4202561.66	8983.86187	0.00821	0.00825	1.31202	1.62804	0.03818	0.03752	2.26E-04	2.06E-06	2.10E-06	5.34E-04	6.60E-04	5.58E-06	5.47E-06	1.4249E-03
607034.05	4202579.72	8832.25173	0.00811	0.00814	1.41626	1.83886	0.03744	0.0368	2.22E-04	2.04E-06	2.07E-06	5.77E-04	7.46E-04	5.47E-06	5.36E-06	1.5490E-03
607037.52	4201565.47	23630.0455	0.02687	0.02753	0.16412	0.17039	0.07171	0.07024	5.94E-04	6.75E-06	7.00E-06	6.68E-05	6.91E-05	1.05E-05	1.02E-05	7.4394E-04
607039.63	4202508.96	9456.11046	0.00872	0.00876	1.28314	1.68238	0.03968	0.03898	2.38E-04	2.19E-06	2.23E-06	5.23E-04	6.82E-04	5.79E-06	5.68E-06	1.4473E-03
607040.32	4201615.75	22197.25369	0.02541	0.02597	0.18359	0.19094	0.07022	0.06872	5.58E-04	6.38E-06	6.61E-06	7.48E-05	7.75E-05	1.03E-05	1.00E-05	7.2341E-04
607040.61	4202600.65	8663.95735	0.008	0.00804	1.57615	2.16727	0.03655	0.03594	2.18E-04	2.01E-06	2.05E-06	6.42E-04	8.79E-04	5.34E-06	5.24E-06	1.7431E-03
607042.07	4201533.29	24327.52552	0.02953	0.0302	0.17372	0.18005	0.07142	0.07001	6.12E-04	7.42E-06	7.68E-06	7.08E-05	7.30E-05	1.04E-05	1.02E-05	7.7065E-04
607044.32	4202654.11	8283.32748	0.0077	0.00774	1.17884	1.65085	0.03481	0.03425	2.08E-04	1.93E-06	1.97E-06	4.80E-04	6.70E-04	5.08E-06	4.99E-06	1.3620E-03
607044.34	4201706.91	20376.39771	0.01935	0.01973	0.16075	0.16718	0.06828	0.06676	5.12E-04	4.86E-06	5.02E-06	6.55E-05	6.78E-05	9.97E-06	9.73E-06	6.5557E-04
607044.34	4201729.71	19708.35675	0.01726	0.01755	0.15117	0.15692	0.06764	0.06613	4.96E-04	4.33E-06	4.47E-06	6.16E-05	6.37E-05	9.88E-06	9.64E-06	6.2963E-04
607044.57	4201783.93	18635.47364	0.01535	0.0155	0.15256	0.1583	0.06572	0.06427	4.69E-04	3.86E-06	3.94E-06	6.21E-05	6.42E-05	9.60E-06	9.37E-06	6.0277E-04
607047.25	4202491.54	9620.86109	0.00894	0.00898	1.29143	1.75739	0.04002	0.0393	2.42E-04	2.25E-06	2.28E-06	5.26E-04	7.13E-04	5.84E-06	5.73E-06	1.4854E-03
607048.02	4202674.63	8144.68863	0.00761	0.00764	0.99094	1.42595	0.03409	0.03356	2.05E-04	1.91E-06	1.94E-06	4.04E-04	5.78E-04	4.98E-06	4.89E-06	1.1907E-03
607050.37	4201654.63	21302.94256	0.02306	0.0235	0.17724	0.18477	0.06868	0.06719	5.36E-04	5.79E-06	5.98E-06	7.22E-05	7.50E-05	1.00E-05	9.79E-06	6.9461E-04
607052.12	4202692.69	8024.78635	0.00753	0.00756	0.80743	1.1978	0.03345	0.03293	2.02E-04	1.89E-06	1.92E-06	3.29E-04	4.86E-04	4.88E-06	4.80E-06	1.0204E-03
607053.24	4201471.1	25612.64482	0.03528	0.03607	0.19217	0.19873	0.06998	0.0687	6.44E-04	8.86E-06	9.18E-06	7.83E-05	8.06E-05	1.02E-05	1.00E-05	8.2100E-04
607054.99	4201488.59	25077.08157	0.03397	0.03477	0.19273	0.19948	0.06984	0.06853	6.31E-04	8.53E-06	8.85E-06	7.85E-05	8.09E-05	1.02E-05	9.99E-06	8.0741E-04
607055.01	4201570.37	23170.24096	0.02696	0.02766	0.17491	0.18193	0.06982	0.0684	5.83E-04	6.77E-06	7.04E-06	7.12E-05	7.38E-05	1.02E-05	9.97E-06	7.4151E-04
607055.96	4202475.22	9780.61127	0.00916	0.0092	1.32754	1.84232	0.04027	0.03955	2.46E-04	2.30E-06	2.34E-06	5.41E-04	7.47E-04	5.88E-06	5.76E-06	1.5387E-03
607057.74	4201619.77	21779.44889	0.02555	0.02608	0.19715	0.20532	0.06828	0.06684	5.48E-04	6.42E-06	6.64E-06	8.03E-05	8.33E-05	9.97E-06	9.74E-06	7.2432E-04
607058.69	4202713.61	7889.2247	0.00745	0.00748	0.61933	0.92444	0.03267	0.03217	1.98E-04	1.87E-06	1.90E-06	2.52E-04	3.75E-04	4.77E-06	4.69E-06	8.2942E-04
607058.84	4201453.26	26023.05064	0.03709	0.03791	0.19744	0.20418	0.06941	0.06817	6.54E-04	9.31E-06	9.65E-06	8.04E-05	8.28E-05	1.01E-05	9.94E-06	8.3660E-04
607061.31	4201537.14	23832.32234	0.02988	0.03059	0.18621	0.19337	0.06943	0.06806	5.99E-04	7.50E-06	7.78E-06	7.58E-05	7.84E-05	1.01E-05	9.92E-06	7.6888E-04
607067.8	4201707.58	20037.02578	0.01977	0.02006	0.17576	0.1833	0.06592	0.06446	5.04E-04	4.97E-06	5.10E-06	7.16E-05	7.44E-05	9.63E-06	9.40E-06	6.5988E-04
607070.72	4201786.83	18346.1944	0.01579	0.0159	0.16803	0.1748	0.0632	0.06184	4.61E-04	3.97E-06	4.05E-06	6.84E-05	7.09E-05	9.23E-06	9.01E-06	6.0871E-04
607071.8	4201574.57	22739.71299	0.02755	0.02818	0.18881	0.19677	0.06804	0.06666	5.72E-04	6.92E-06	7.17E-06	7.69E-05	7.98E-05	9.94E-06	9.72E-06	7.4264E-04
607073.16	4201742.44	19153.10517	0.01738	0.01754	0.16829	0.17519	0.06444	0.06304	4.82E-04	4.36E-06	4.46E-06	6.85E-05	7.11E-05	9.41E-06	9.19E-06	6.3008E-04
607076.51	4201655.3	20875.00325	0.02366	0.02411	0.19624	0.20527	0.06606	0.06465	5.25E-04	5.94E-06	6.13E-06	7.99E-05	8.33E-05	9.65E-06	9.42E-06	7.0021E-04
607078.53	4201622.45	21380.0178	0.02591	0.02641	0.21295	0.22243	0.0662	0.06481	5.38E-04	6.51E-06	6.72E-06	8.67E-05	9.02E-05	9.67E-06	9.45E-06	7.2783E-04
607078.8	4201540.99	23381.15748	0.03021	0.03094	0.19951	0.20759	0.06767	0.06634	5.88E-04	7.59E-06	7.87E-06	8.13E-05	8.42E-05	9.88E-06	9.67E-06	7.6889E-04
607079.65	4202427.69	10277.16172	0.0096	0.00964	1.11107	1.55236	0.04107	0.04033	2.58E-04	2.41E-06	2.45E-06	4.53E-04	6.30E-04	6.00E-06	5.88E-06	1.3456E-03
607081.85	4201948.62	15708.45732	0.01559	0.01571	0.2593	0.27479	0.0563	0.05509	3.95E-04	3.92E-06	4.00E-06	1.06E-04	1.11E-04	8.22E-06	8.03E-06	6.2001E-04
607081.85	4201998.62	15134.68762	0.01383	0.01392	0.24452	0.26162	0.05488	0.05372	3.81E-04	3.47E-06	3.54E-06	9.96E-05	1.06E-04	8.01E-06	7.83E-06	5.9333E-04
607081.85	4202048.62	14504.51533	0.01268	0.01276	0.23911	0.25636	0.05329	0.05219	3.65E-04	3.18E-06	3.25E-06	9.74E-05	1.04E-04	7.78E-06	7.61E-06	5.7256E-04
607081.85	4202098.62	13865.40632	0.01166	0.01172	0.23538	0.25116	0.0517	0.05064	3.49E-04	2.93E-06	2.98E-06	9.59E-05	1.02E-04	7.55E-06	7.38E-06	5.5234E-04
607081.85	4202148.62	13233.1815	0.01108	0.01115	0.25661	0.27388	0.04999	0.04898	3.33E-04	2.78E-06	2.84E-06	1.05E-04	1.11E-04	7.30E-06	7.14E-06	5.5401E-04
607081.85	4202198.62	12686.94269	0.01088	0.01095	0.31477	0.33806	0.04823	0.04727	3.19E-04	2.73E-06	2.79E-06	1.28E-04	1.37E-04	7.04E-06	6.89E-06	5.8990E-04
607081.85	4202248.62	12084.37317	0.01085	0.01091	0.41559	0.45098	0.04645	0.04554	3.04E-04	2.72E-06	2.78E-06	1.69E-04	1.83E-04	6.78E-06	6.64E-06	6.6160E-04
607081.85	4202298.62	11554.78826	0.01042	0.01048	0.52744	0.58547	0.04489	0.04403	2.91E-04	2.62E-06	2.67E-06	2.15E-04	2.37E-04	6.56E-06	6.42E-06	7.4818E-04
607081.85	4202348.62	11069.60453	0.00983	0.00989	0.66595	0.77575	0.04343	0.04262	2.78E-04	2.47E-06	2.52E-06	2.71E-04	3.15E-04	6.34E-06	6.21E-06	8.6928E-04
607081.85	4202398.62	10577.55425	0.00964	0.00969	0.87182	1.09768	0.04194	0.04118	2.66E-04	2.42E-06	2.47E-06	3.55E-04	4.45E-04	6.12E-06	6.00E-06	1.0713E-03
607081.85	4202448.62	10051.4465	0.00959	0.00963	1.52715	2.43834	0.04025	0.03954	2.53E-04	2.41E-06	2.45E-06	6.22E-04	9.89E-04	5.88E-06	5.76E-06	1.8688E-03
607081.85	4202498.62	9508.13327	0.00911	0.00915	3.63524	2.9109	0.03845	0.03778	2.39E-04	2.29E-06	2.33E-06	1.48E-03	1.18E-03	5.62E-06	5.51E-06	2.9052E-03
607081.85	4202548.62	9054.81032	0.00866	0.0087	2.38887	5.19998	0.03687	0.03625	2.28E-04	2.17E-06	2.21E-06	9.73E-04	2.11E-03	5.38E-06	5.28E-06	3.3145E-03
607081.85	4202598.62	8649.46015	0.00826	0.00829	3.58967	4.08429	0.03537	0.03479	2.18E-04	2.07E-06	2.11E-06	1.46E-03	1.66E-03	5.17E-06	5.07E-06	3.3406E-03
607081.85	4202648.62	8296.30369	0.00794	0.00797	4.11622	4.08095	0.03396	0.03342	2.09E-04	1.99E-06	2.03E-06	1.68E-03	1.66E-03	4.96E-06	4.87E-06	3.5447E-03
607081.85	4202698.62	7968.42964	0.00764	0.00767	1.59569	2.82675	0.03256	0.03206	2.00E-04	1.92E-06	1.95E-06	6.50E-04	1.15E-03	4.75E-06	4.67E-06	2.0009E-03
607081.85	4202748.62	7664.84944	0.00737	0.00739	0.48014	0.67828	0.03116	0.0307	1.93E-04	1.85E-06	1.88E-06	1.96E-04	2.75E-04	4.55E-06	4.47E-06	6.6719E-04
607088.6	4201577.72	22339.29397	0.0281	0.0287	0.20483	0.21384	0.06633	0.06499	5.62E-04	7.06E-06	7.30E-06	8.34E-05	8.67E-05	9.69E-06	9.47E-06	7.4629E-04
607090.34	4202416.33	10375.46428	0.00972	0.00977	1.18421	1.64053	0.04098	0.04025	2.61E-04	2.44E-06	2.49E-06	4.82E-04	6.65E-04	5.98E-06	5.87E-06	1.4137E-03
607092.51	4201790.71	18194.181	0.01685	0.01698	0.18996	0.19832	0.06117	0.05987	4.58E-04	4.23E-06	4.32E-06	7.74E-05	8.04E-05	8.93E-06	8.73E-06	6.2390E-04
607093.27	4201712.28	19603.49212	0.02009	0.02031	0.19293	0.20184	0.06339	0.06203	4.93E-04	5.05E-06	5.17E-06	7.86E-05	8.19E-05	9.26E-06	9.04E-06	6.6364E-04
607094.61	4201741.77	19024.95508	0.01834	0.0185	0.18677	0.19507	0.0625	0.06116	4.78E-04	4.61E-06	4.71E-06	7.61E-05	7.91E-05	9.13E-06	8.91E-06	6.4293E-04
607098.04	4201544.48	22907.65258	0.03078	0.0315	0.21762	0.22661	0.06578	0.0645	5.76E-04	7.73E-06	8.01E-06	8.86E-05	9.19E-05	9.61E-06	9.40E-06	7.7236E-04
607099.31	4201628.48	20937.88887	0.02621	0.02666	0.2304	0.24153	0.06418	0.06285	5.27E-04	6.58E-06	6.78E-06	9.38E-05	9.80E-05	9.37E-06	9.16E-06	7.3171E-04
607099.98	4201657.98	20453.1937	0.02422	0.02463	0.21696	0.22771	0.06378	0.06244	5.14E-04	6.08E-06	6.27E-06	8.84E-05	9.24E-05	9.31E-06	9.10E-06	7.0742E-04
607103.71	4202402.3	10493.86476	0.00988	0.00994	1.29551	1.78217	0.04085	0.04012	2.64E-04	2.48E-06	2.53E-06	5.28E-04	7.23E-04	5.97E-06	5.85E-06	1.5195E-03
607106.06	4201502.23	23623.15879	0.03484	0.03575	0.23715	0.24695	0.06503	0.06381	5.94E-04	8.75E-06	9.10E-06	9.66E-05	1.00E-04	9.50E-06	9.30E-06	8.0866E-04
607109.45	4201582.54	21823.38199	0.02889	0.02946	0.22887	0.23941	0.06424	0.06295	5.49E-04	7.26E-06	7.50E-06	9.32E-05	9.71E-05	9.38E-06	9.18E-06	7.5388E-04
607109.71	4201481.99	24031.71268	0.03677	0.03778	0.24319	0.25318	0.06471	0.06353	6.04E-04	9.23E-06	9.61E-06	9.91E-05	1.03E-04	9.45E-06	9.26E-06	8.2492E-04
607111.31	4201455.71	24709.83384	0.03953	0.04068	0.24876	0.2588	0.06463	0.06349	6.21E-04	9.93E-06	1.03E-05	1.01E-04	1.05E-04	9.44E-06	9.25E-06	8.4796E-04
607114.05	4201708.25	19383.46045	0.02107	0.02131	0.21369	0.22438	0.06155	0.06026	4.87E-04	5.29E-06	5.42E-06	8.70E-05	9.10E-05	8.99E-06	8.78E-06	6.7620E-04
607114.38	4201550.44	22449.11276	0.03112	0.0318	0.23421	0.24453	0.06421	0.06296	5.65E-04	7.82E-06	8.09E-06	9.54E-05	9.92E-05	9.38E-06	9.18E-06	7.7502E-04
607114.79	4201795.07	17903.89732	0.01821	0.01838	0.22378	0.2349	0.05907	0.05783	4.50E-04	4.57E-06	4.68E-06	9.11E-05	9.53E-05	8.63E-06	8.43E-06	6.4591E-04
607116.06	4201742.44	18781.42644	0.01939	0.01957	0.21023	0.2205	0.06058	0.0593	4.72E-04	4.87E-06	4.98E-06	8.56E-05	8.94E-05	8.85E-06	8.64E-06	6.5722E-04
607116.4	4202391.6	10575.08654	0.01005	0.01011	1.48639	2.09629	0.04062	0.0399	2.66E-04	2.52E-06	2.57E-06	6.05E-04	8.50E-04	5.93E-06	5.82E-06	1.7268E-03
607118.75	4201626.47	20671.54855	0.02697	0.02741	0.24968	0.2625	0.06248	0.06121	5.20E-04	6.77E-06	6.97E-06	1.02E-04	1.06E-04	9.12E-06	8.92E-06	7.4175E-04
607121.43	4201658.65	20095.34284	0.02509	0.02547	0.24264	0.25575	0.0618	0.06053	5.05E-04	6.30E-06	6.48E-06	9.88E-05	1.04E-04	9.02E-06	8.82E-06	7.2069E-04
607125.91	4201581.72	21538.59819	0.02974	0.03032	0.24821	0.26041	0.06275	0.06151	5.42E-04	7.47E-06	7.71E-06	1.01E-04	1.06E-04	9.16E-06	8.97E-06	7.6354E-04
607128.43	4202382.25	10641.85935	0.01022	0.01028	1.73611	2.48733	0.04037	0.03965	2.68E-04	2.57E-06	2.62E-06	7.07E-04	1.01E-03	5.90E-06	5.78E-06	1.9889E-03
607130.44	4202366.21	10792.34785	0.01033	0.01038	1.49925	2.00942	0.04072	0.03999	2.71E-04	2.59E-06	2.64E-06	6.11E-04	8.15E-04	5.95E-06	5.83E-06	1.7024E-03
607131.69	4202533.61	9117.86877	0.00909	0.00913	3.00831	2.43831	0.03563	0.03504	2.29E-04	2.28E-06	2.32E-06	1.23E-03	9.89E-04	5.20E-06	5.11E-06	2.4483E-03
607131.85	4201948.62	15423.22921	0.01603	0.01617	0.30932	0.33101	0.05294	0.05186	3.88E-04	4.03E-06	4.11E-06	1.26E-04	1.34E-04	7.73E-06	7.56E-06	6.5625E-04
607131.85	4201998.62	14824.91474	0.01451	0.01463	0.30165	0.32673	0.0515	0.05046	3.73E-04	3.64E-06	3.72E-06	1.23E-04	1.33E-04	7.52E-06	7.35E-06	6.3557E-04
607131.85	4202048.62	14224.65973	0.01348	0.01359	0.29851	0.32489	0.05006	0.04906	3.58E-04	3.39E-06	3.46E-06	1.22E-04	1.32E-04	7.31E-06	7.15E-06	6.1793E-04
607131.85	4202098.62	13638.60562	0.01262	0.01273	0.3037	0.32881	0.04857	0.04761	3.43E-04	3.17E-06	3.24E-06	1.24E-04	1.33E-04	7.09E-06	6.94E-06	6.0646E-04
607131.85	4202148.62	13062.88289	0.01201	0.01211	0.33719	0.36456	0.04702	0.0461	3.28E-04	3.02E-06	3.08E-06	1.37E-04	1.48E-04	6.87E-06	6.72E-06	6.1981E-04
607131.85	4202198.62	12468.04071	0.01192	0.01199	0.44637	0.48997	0.04532	0.04445	3.14E-04	2.99E-06	3.05E-06	1.82E-04	1.99E-04	6.62E-06	6.48E-06	7.0014E-04
607131.85	4202248.62	11865.59987	0.01183	0.01191	0.5938	0.65391	0.04367	0.04284	2.98E-04	2.97E-06	3.03E-06	2.42E-04	2.65E-04	6.38E-06	6.24E-06	8.1150E-04
607131.85	4202298.62	11427.49651	0.01099	0.01106	0.82549	0.94209	0.04245	0.04166	2.87E-04	2.76E-06	2.81E-06	3.36E-04	3.82E-04	6.20E-06	6.07E-06	1.0113E-03
607131.85	4202348.62	10960.94065	0.01034	0.01039	1.26227	1.60444	0.04114	0.0404	2.76E-04	2.60E-06	2.64E-06	5.14E-04	6.51E-04	6.01E-06	5.89E-06	1.4458E-03
607131.85	4202398.62	10459.52298	0.01026	0.01031	2.65785	4.3951	0.03972	0.03902	2.63E-04	2.58E-06	2.62E-06	1.08E-03	1.78E-03	5.80E-06	5.69E-06	3.1337E-03
607131.85	4202448.62	9910.57099	0.00996	0.01001	4.03909	4.95792	0.03809	0.03743	2.49E-04	2.50E-06	2.55E-06	1.65E-03	2.01E-03	5.56E-06	5.46E-06	3.9106E-03
607131.85	4202498.62	9416.5316	0.00941	0.00946	3.77593	2.82159	0.03658	0.03596	2.37E-04	2.36E-06	2.41E-06	1.54E-03	1.14E-03	5.34E-06	5.24E-06	2.9241E-03
607131.85	4202548.62	8992.69137	0.00895	0.009	2.80972	2.35528	0.03521	0.03464	2.26E-04	2.25E-06	2.29E-06	1.14E-03	9.55E-04	5.14E-06	5.05E-06	2.3305E-03
607131.85	4202598.62	8605.87108	0.00855	0.00859	2.90125	2.36509	0.0339	0.03336	2.16E-04	2.15E-06	2.19E-06	1.18E-03	9.59E-04	4.95E-06	4.86E-06	2.3619E-03
607131.85	4202648.62	8261.86286	0.00821	0.00824	3.99737	2.98263	0.03265	0.03215	2.08E-04	2.06E-06	2.10E-06	1.63E-03	1.21E-03	4.77E-06	4.69E-06	3.0500E-03
607131.85	4202698.62	7938.07918	0.00789	0.00792	5.09593	4.60396	0.0314	0.03093	2.00E-04	1.98E-06	2.02E-06	2.08E-03	1.87E-03	4.59E-06	4.51E-06	4.1468E-03
607131.85	4202748.62	7636.51339	0.0076	0.00762	1.01927	1.4167	0.03014	0.02971	1.92E-04	1.91E-06	1.94E-06	4.15E-04	5.75E-04	4.40E-06	4.33E-06	1.1857E-03
607134.16	4201710.27	19062.32293	0.02187	0.02214	0.23832	0.25128	0.05971	0.05848	4.79E-04	5.49E-06	5.63E-06	9.71E-05	1.02E-04	8.72E-06	8.52E-06	6.8948E-04
607134.55	4201552.91	21985.64266	0.03212	0.0328	0.26128	0.27387	0.06233	0.06113	5.53E-04	8.07E-06	8.35E-06	1.06E-04	1.11E-04	9.10E-06	8.91E-06	7.8680E-04
607135.38	4202554.13	8942.68565	0.00893	0.00897	2.60146	2.20941	0.03495	0.03438	2.25E-04	2.24E-06	2.28E-06	1.06E-03	8.96E-04	5.10E-06	5.01E-06	2.1853E-03
607137.51	4201741.77	18497.86972	0.02062	0.02086	0.24155	0.2546	0.05866	0.05745	4.65E-04	5.18E-06	5.31E-06	9.84E-05	1.03E-04	8.57E-06	8.37E-06	6.7731E-04
607138.86	4201627.81	20329.87594	0.02768	0.02811	0.27348	0.2885	0.06073	0.0595	5.11E-04	6.95E-06	7.15E-06	1.11E-04	1.17E-04	8.87E-06	8.67E-06	7.5376E-04
607139.48	4202572.19	8792.38154	0.00879	0.00883	2.39128	2.04657	0.03434	0.03379	2.21E-04	2.21E-06	2.25E-06	9.74E-04	8.30E-04	5.01E-06	4.93E-06	2.0297E-03
607139.67	4201507.22	22776.998	0.03592	0.03676	0.27745	0.2902	0.06199	0.06085	5.73E-04	9.02E-06	9.35E-06	1.13E-04	1.18E-04	9.05E-06	8.87E-06	8.2187E-04
607140.46	4201489.08	23196.36964	0.03765	0.0386	0.28166	0.29459	0.06204	0.06091	5.83E-04	9.46E-06	9.82E-06	1.15E-04	1.20E-04	9.06E-06	8.88E-06	8.3681E-04
607140.94	4201796.52	17502.53064	0.02017	0.02041	0.28164	0.29807	0.05673	0.05556	4.40E-04	5.07E-06	5.19E-06	1.15E-04	1.21E-04	8.28E-06	8.10E-06	6.8602E-04
607142.23	4202652.61	8227.41048	0.00824	0.00828	3.16766	2.47528	0.03229	0.0318	2.07E-04	2.07E-06	2.11E-06	1.29E-03	1.00E-03	4.72E-06	4.64E-06	2.5054E-03
607143.61	4201470.95	23588.02499	0.03972	0.04078	0.29049	0.30379	0.06187	0.06077	5.93E-04	9.98E-06	1.04E-05	1.18E-04	1.23E-04	9.04E-06	8.86E-06	8.5507E-04
607145.14	4202352.84	10894.3022	0.01042	0.01047	1.67849	2.25552	0.04046	0.03974	2.74E-04	2.62E-06	2.66E-06	6.84E-04	9.15E-04	5.91E-06	5.79E-06	1.8779E-03
607145.92	4202673.12	8091.35751	0.00813	0.00816	3.41325	2.58245	0.0317	0.03122	2.03E-04	2.04E-06	2.08E-06	1.39E-03	1.05E-03	4.63E-06	4.55E-06	2.6454E-03
607146.05	4202593.12	8631.20642	0.00867	0.00871	2.21697	1.89348	0.03363	0.0331	2.17E-04	2.18E-06	2.22E-06	9.03E-04	7.68E-04	4.91E-06	4.82E-06	1.8925E-03
607146.9	4201656.64	19711.30688	0.02638	0.02679	0.28165	0.2982	0.05959	0.05838	4.96E-04	6.63E-06	6.82E-06	1.15E-04	1.21E-04	8.70E-06	8.51E-06	7.4480E-04
607147.72	4201580.48	21167.63095	0.03083	0.03141	0.27798	0.29256	0.06086	0.05967	5.32E-04	7.74E-06	7.99E-06	1.13E-04	1.19E-04	8.89E-06	8.70E-06	7.7993E-04
607150.03	4202691.18	7973.69477	0.00804	0.00807	3.44885	2.54534	0.03117	0.0307	2.01E-04	2.02E-06	2.05E-06	1.40E-03	1.03E-03	4.55E-06	4.47E-06	2.6419E-03
607150.7	4201452.03	23931.58329	0.04236	0.04357	0.30745	0.3219	0.06137	0.06031	6.02E-04	1.06E-05	1.11E-05	1.25E-04	1.31E-04	8.96E-06	8.79E-06	8.7933E-04
607155.17	4202340.14	10996.50325	0.01057	0.01063	1.70964	2.26315	0.04037	0.03965	2.77E-04	2.65E-06	2.70E-06	6.96E-04	9.18E-04	5.90E-06	5.78E-06	1.8963E-03
607156.28	4201627.14	20072.48398	0.02845	0.0289	0.29735	0.3147	0.0593	0.05812	5.05E-04	7.15E-06	7.35E-06	1.21E-04	1.28E-04	8.66E-06	8.47E-06	7.6803E-04
607156.59	4202712.11	7838.18876	0.00794	0.00797	2.48424	2.05004	0.03051	0.03007	1.97E-04	1.99E-06	2.03E-06	1.01E-03	8.32E-04	4.46E-06	4.38E-06	2.0446E-03
607161.65	4201706.91	18720.80603	0.02364	0.024	0.28308	0.30061	0.05751	0.05634	4.71E-04	5.94E-06	6.11E-06	1.15E-04	1.22E-04	8.40E-06	8.21E-06	7.2006E-04
607164.33	4201744.45	18072.72166	0.0223	0.02264	0.29453	0.3129	0.05639	0.05524	4.54E-04	5.60E-06	5.76E-06	1.20E-04	1.27E-04	8.23E-06	8.05E-06	7.1272E-04
607165.83	4201576.78	20923.39824	0.03203	0.03263	0.30634	0.32345	0.0594	0.05826	5.26E-04	8.04E-06	8.30E-06	1.25E-04	1.31E-04	8.67E-06	8.49E-06	7.9848E-04
607167.09	4201791.19	17205.93326	0.0216	0.02187	0.34837	0.37205	0.05472	0.0536	4.33E-04	5.42E-06	5.56E-06	1.42E-04	1.51E-04	7.99E-06	7.81E-06	7.3648E-04
607167.2	4202333.46	11032.48775	0.01074	0.0108	1.98635	2.67215	0.04003	0.03932	2.77E-04	2.70E-06	2.75E-06	8.09E-04	1.08E-03	5.85E-06	5.73E-06	2.1759E-03
607171.03	4201655.3	19363.55252	0.02753	0.02797	0.32176	0.3428	0.05764	0.05649	4.87E-04	6.91E-06	7.12E-06	1.31E-04	1.39E-04	8.42E-06	8.23E-06	7.7107E-04
607173.88	4202318.09	11160.73361	0.01093	0.01099	1.78405	2.31376	0.04013	0.03942	2.81E-04	2.75E-06	2.80E-06	7.27E-04	9.39E-04	5.86E-06	5.75E-06	1.9514E-03
607177.06	4201627.81	19744.41145	0.02936	0.02985	0.33132	0.35227	0.05764	0.0565	4.97E-04	7.37E-06	7.59E-06	1.35E-04	1.43E-04	8.42E-06	8.24E-06	7.8932E-04
607181.85	4201948.62	15088.30375	0.01668	0.01684	0.38495	0.41602	0.04981	0.04883	3.79E-04	4.19E-06	4.28E-06	1.57E-04	1.69E-04	7.27E-06	7.12E-06	7.1345E-04
607181.85	4201998.62	14495.80918	0.0154	0.01554	0.39793	0.43835	0.04844	0.04749	3.65E-04	3.87E-06	3.95E-06	1.62E-04	1.78E-04	7.07E-06	6.92E-06	7.1224E-04
607181.85	4202048.62	13923.95941	0.0144	0.01452	0.40389	0.45107	0.04706	0.04615	3.50E-04	3.62E-06	3.69E-06	1.65E-04	1.83E-04	6.87E-06	6.73E-06	7.0494E-04
607181.85	4202098.62	13358.65389	0.01367	0.01378	0.42363	0.47221	0.04562	0.04475	3.36E-04	3.43E-06	3.51E-06	1.73E-04	1.92E-04	6.66E-06	6.52E-06	7.0697E-04
607181.85	4202148.62	12769.27793	0.01352	0.01363	0.52255	0.58209	0.04413	0.04329	3.21E-04	3.40E-06	3.47E-06	2.13E-04	2.36E-04	6.44E-06	6.31E-06	7.7693E-04
607181.85	4202198.62	12121.41773	0.01314	0.01324	0.71716	0.83245	0.04243	0.04163	3.05E-04	3.30E-06	3.37E-06	2.92E-04	3.38E-04	6.20E-06	6.07E-06	9.4127E-04
607181.85	4202248.62	11664.04443	0.01252	0.0126	0.90826	1.06719	0.0412	0.04044	2.93E-04	3.14E-06	3.21E-06	3.70E-04	4.33E-04	6.02E-06	5.89E-06	1.1025E-03
607181.85	4202298.62	11306.55527	0.01134	0.01141	1.62073	2.00309	0.04025	0.03953	2.84E-04	2.85E-06	2.90E-06	6.60E-04	8.13E-04	5.88E-06	5.76E-06	1.7628E-03
607181.85	4202348.62	10850.38127	0.01082	0.01088	4.09801	3.36263	0.03904	0.03836	2.73E-04	2.72E-06	2.77E-06	1.67E-03	1.36E-03	5.70E-06	5.59E-06	3.3116E-03
607181.85	4202398.62	10344.31578	0.01082	0.01087	5.80094	4.32921	0.03769	0.03705	2.60E-04	2.72E-06	2.77E-06	2.36E-03	1.76E-03	5.50E-06	5.40E-06	4.3845E-03
607181.85	4202448.62	9801.5945	0.01033	0.01038	2.52134	2.07901	0.03619	0.03558	2.46E-04	2.59E-06	2.64E-06	1.03E-03	8.43E-04	5.28E-06	5.19E-06	2.1220E-03
607181.85	4202498.62	9329.52011	0.00974	0.00979	1.69994	1.47816	0.03485	0.03428	2.35E-04	2.45E-06	2.49E-06	6.92E-04	6.00E-04	5.09E-06	5.00E-06	1.5316E-03
607181.85	4202548.62	8921.76911	0.00926	0.0093	1.43943	1.2917	0.03364	0.0331	2.24E-04	2.33E-06	2.37E-06	5.86E-04	5.24E-04	4.91E-06	4.82E-06	1.3393E-03
607182.57	4202306.06	11242.98645	0.01121	0.01127	1.81577	2.32791	0.04005	0.03934	2.83E-04	2.82E-06	2.87E-06	7.40E-04	9.44E-04	5.85E-06	5.73E-06	1.9723E-03
607183.52	4201578.02	20592.35466	0.03297	0.0336	0.33905	0.35945	0.05796	0.05686	5.18E-04	8.28E-06	8.55E-06	1.38E-04	1.46E-04	8.46E-06	8.29E-06	8.1857E-04
607185.11	4201741.77	17842.15917	0.02342	0.02376	0.33717	0.36068	0.05487	0.05377	4.49E-04	5.88E-06	6.05E-06	1.37E-04	1.46E-04	8.01E-06	7.84E-06	7.4424E-04
607190.12	4201515.89	21633.76434	0.03843	0.03927	0.36646	0.38749	0.05793	0.05688	5.44E-04	9.65E-06	9.99E-06	1.49E-04	1.57E-04	8.46E-06	8.29E-06	8.7011E-04
607190.47	4201708.25	18311.89037	0.02486	0.02525	0.33501	0.3592	0.05527	0.05417	4.60E-04	6.24E-06	6.42E-06	1.36E-04	1.46E-04	8.07E-06	7.90E-06	7.5532E-04
607192.59	4202290.69	11346.29984	0.01167	0.01173	1.7455	2.18331	0.03997	0.03926	2.85E-04	2.93E-06	2.98E-06	7.11E-04	8.86E-04	5.84E-06	5.72E-06	1.8879E-03
607193.82	4201656.64	19033.10098	0.02842	0.02891	0.36204	0.38858	0.05591	0.05481	4.79E-04	7.14E-06	7.36E-06	1.47E-04	1.58E-04	8.16E-06	7.99E-06	7.9820E-04
607194.06	4201499.33	21905.34481	0.04037	0.04129	0.38183	0.40388	0.05775	0.05671	5.51E-04	1.01E-05	1.05E-05	1.56E-04	1.64E-04	8.43E-06	8.27E-06	8.9085E-04
607196.5	4201624.46	19519.52823	0.03051	0.03105	0.36867	0.39398	0.05623	0.05514	4.91E-04	7.66E-06	7.90E-06	1.50E-04	1.60E-04	8.21E-06	8.04E-06	8.1640E-04
607197.52	4201575.13	20395.18687	0.034	0.03467	0.37052	0.39396	0.05688	0.05581	5.13E-04	8.54E-06	8.82E-06	1.51E-04	1.60E-04	8.31E-06	8.13E-06	8.4096E-04
607198	4201459.13	22723.28092	0.04544	0.0466	0.41342	0.43746	0.05767	0.05668	5.71E-04	1.14E-05	1.19E-05	1.68E-04	1.77E-04	8.42E-06	8.26E-06	9.4053E-04
607199.58	4201481.99	22166.69736	0.04272	0.04374	0.40429	0.42797	0.05742	0.05642	5.57E-04	1.07E-05	1.11E-05	1.65E-04	1.74E-04	8.39E-06	8.22E-06	9.1756E-04
607202.62	4202281.33	11393.67307	0.012	0.01208	1.78801	2.26868	0.03976	0.03905	2.87E-04	3.01E-06	3.07E-06	7.28E-04	9.20E-04	5.81E-06	5.69E-06	1.9412E-03
607207.23	4201733.73	17688.73889	0.02472	0.0251	0.38643	0.41668	0.05346	0.05241	4.45E-04	6.21E-06	6.39E-06	1.57E-04	1.69E-04	7.81E-06	7.64E-06	7.8383E-04
607209.24	4201706.24	18092.8875	0.02589	0.0263	0.37972	0.40993	0.05394	0.05288	4.55E-04	6.50E-06	6.69E-06	1.55E-04	1.66E-04	7.88E-06	7.71E-06	7.8912E-04
607209.71	4201784.9	16822.26614	0.02314	0.02345	0.45585	0.49394	0.05189	0.05086	4.23E-04	5.81E-06	5.97E-06	1.86E-04	2.00E-04	7.58E-06	7.41E-06	8.2084E-04
607214.65	4202269.97	11439.50656	0.01243	0.01251	1.82958	2.40451	0.03947	0.03877	2.88E-04	3.12E-06	3.18E-06	7.45E-04	9.75E-04	5.76E-06	5.65E-06	2.0146E-03
607218.63	4201662	18636.50476	0.02902	0.02954	0.41104	0.44529	0.05409	0.05305	4.69E-04	7.29E-06	7.52E-06	1.67E-04	1.81E-04	7.90E-06	7.73E-06	8.3150E-04
607218.92	4201572.25	20060.41823	0.03547	0.03621	0.42638	0.4558	0.05526	0.05423	5.04E-04	8.91E-06	9.21E-06	1.74E-04	1.85E-04	8.07E-06	7.90E-06	8.8114E-04
607221.31	4201641.89	18900.57389	0.0306	0.03117	0.42506	0.46025	0.0542	0.05317	4.75E-04	7.69E-06	7.93E-06	1.73E-04	1.87E-04	7.92E-06	7.75E-06	8.5074E-04
607223.32	4201616.42	19276.83966	0.03246	0.0331	0.4336	0.46738	0.05444	0.05341	4.85E-04	8.15E-06	8.42E-06	1.77E-04	1.90E-04	7.95E-06	7.78E-06	8.6753E-04
607226.68	4202254.6	11498.32865	0.01295	0.01304	1.88151	2.66982	0.03922	0.03853	2.89E-04	3.25E-06	3.32E-06	7.66E-04	1.08E-03	5.73E-06	5.62E-06	2.1451E-03
607228.68	4202226.53	11686.69714	0.0134	0.0135	1.49592	2.0475	0.03965	0.03893	2.94E-04	3.37E-06	3.43E-06	6.09E-04	8.31E-04	5.79E-06	5.67E-06	1.7406E-03
607231.85	4201948.62	14671.92455	0.01829	0.01847	0.58965	0.65142	0.04681	0.04592	3.69E-04	4.59E-06	4.70E-06	2.40E-04	2.64E-04	6.84E-06	6.69E-06	8.8266E-04
607231.85	4201998.62	14141.4535	0.01682	0.01697	0.603	0.68416	0.04562	0.04476	3.56E-04	4.22E-06	4.32E-06	2.46E-04	2.78E-04	6.66E-06	6.52E-06	8.8729E-04
607231.85	4202048.62	13606.02777	0.01558	0.0157	0.62614	0.73694	0.04436	0.04353	3.42E-04	3.91E-06	3.99E-06	2.55E-04	2.99E-04	6.48E-06	6.34E-06	9.0403E-04
607231.85	4202098.62	13054.73513	0.0151	0.01522	0.69603	0.8364	0.04303	0.04223	3.28E-04	3.79E-06	3.87E-06	2.84E-04	3.39E-04	6.28E-06	6.16E-06	9.5874E-04
607231.85	4202148.62	12393.05774	0.01459	0.0147	1.07787	1.36138	0.04137	0.04061	3.12E-04	3.66E-06	3.74E-06	4.39E-04	5.52E-04	6.04E-06	5.92E-06	1.3103E-03
607231.85	4202198.62	11884.10504	0.01377	0.01387	1.32156	1.74879	0.04006	0.03934	2.99E-04	3.46E-06	3.53E-06	5.38E-04	7.09E-04	5.85E-06	5.73E-06	1.5535E-03
607231.85	4202248.62	11516.88514	0.01314	0.01323	1.96475	2.87466	0.0391	0.03841	2.90E-04	3.30E-06	3.37E-06	8.00E-04	1.17E-03	5.71E-06	5.60E-06	2.2626E-03
607231.85	4202298.62	11164.24047	0.01192	0.01199	5.3826	4.14534	0.03819	0.03753	2.81E-04	2.99E-06	3.05E-06	2.19E-03	1.68E-03	5.58E-06	5.47E-06	4.1607E-03
607231.85	4202348.62	10716.95734	0.01154	0.01161	4.85225	3.94152	0.03708	0.03645	2.69E-04	2.90E-06	2.95E-06	1.98E-03	1.60E-03	5.41E-06	5.31E-06	3.8506E-03
607231.85	4202398.62	10193.83707	0.01135	0.01142	2.20548	1.92008	0.03574	0.03514	2.56E-04	2.85E-06	2.91E-06	8.98E-04	7.79E-04	5.22E-06	5.12E-06	1.9393E-03
607231.85	4202448.62	9679.07039	0.01069	0.01075	1.41347	1.26782	0.0344	0.03384	2.43E-04	2.68E-06	2.74E-06	5.76E-04	5.14E-04	5.02E-06	4.93E-06	1.3388E-03
607231.85	4202498.62	9247.95019	0.01011	0.01016	1.09836	1.0049	0.03326	0.03273	2.33E-04	2.54E-06	2.58E-06	4.47E-04	4.08E-04	4.86E-06	4.77E-06	1.0927E-03
607231.85	4202548.62	8848.19362	0.00959	0.00963	0.95433	0.88519	0.03216	0.03166	2.23E-04	2.41E-06	2.45E-06	3.89E-04	3.59E-04	4.70E-06	4.61E-06	9.7515E-04
607232.69	4201479.62	21578.96573	0.04614	0.04736	0.52489	0.56197	0.05507	0.05412	5.43E-04	1.16E-05	1.20E-05	2.14E-04	2.28E-04	8.04E-06	7.89E-06	1.0080E-03
607235.06	4201458.34	21991.30211	0.04947	0.05086	0.56098	0.6018	0.05504	0.05411	5.53E-04	1.24E-05	1.29E-05	2.28E-04	2.44E-04	8.04E-06	7.89E-06	1.0510E-03
607237.02	4201569.37	19822.40463	0.03692	0.03773	0.48594	0.5226	0.05401	0.05301	4.98E-04	9.27E-06	9.60E-06	1.98E-04	2.12E-04	7.89E-06	7.73E-06	9.2726E-04
607242.15	4201499.33	21021.82785	0.0446	0.04576	0.55208	0.59422	0.05431	0.05336	5.29E-04	1.12E-05	1.16E-05	2.25E-04	2.41E-04	7.93E-06	7.78E-06	1.0174E-03
607245.3	4201518.25	20611.46654	0.04267	0.04374	0.5503	0.59375	0.05396	0.053	5.18E-04	1.07E-05	1.11E-05	2.24E-04	2.41E-04	7.88E-06	7.73E-06	1.0052E-03
607256.2	4201735.98	17050.02578	0.02701	0.02744	0.57375	0.6388	0.0501	0.04915	4.29E-04	6.78E-06	6.98E-06	2.34E-04	2.59E-04	7.32E-06	7.16E-06	9.3534E-04
607259.99	4202104.79	12772.46776	0.01586	0.016	1.29013	1.85171	0.04139	0.04063	3.21E-04	3.98E-06	4.07E-06	5.25E-04	7.51E-04	6.04E-06	5.92E-06	1.6059E-03
607260.56	4201780.54	16349.17567	0.02519	0.02555	0.68059	0.76269	0.04879	0.04786	4.11E-04	6.33E-06	6.50E-06	2.77E-04	3.09E-04	7.13E-06	6.98E-06	1.0106E-03
607262.5	4201714.67	17286.55014	0.0283	0.02877	0.58438	0.65371	0.05016	0.04921	4.35E-04	7.11E-06	7.32E-06	2.38E-04	2.65E-04	7.33E-06	7.17E-06	9.5233E-04
607263.77	4201568.55	19424.54159	0.03901	0.0399	0.60721	0.66179	0.05222	0.05127	4.88E-04	9.80E-06	1.02E-05	2.47E-04	2.68E-04	7.63E-06	7.47E-06	1.0242E-03
607263.97	4202045.13	13408.61611	0.01684	0.017	1.03546	1.32748	0.04279	0.04201	3.37E-04	4.23E-06	4.33E-06	4.22E-04	5.38E-04	6.25E-06	6.12E-06	1.3060E-03
607265.41	4201691.43	17589.97859	0.0297	0.03021	0.58493	0.65491	0.05043	0.04949	4.42E-04	7.46E-06	7.69E-06	2.38E-04	2.66E-04	7.36E-06	7.21E-06	9.6139E-04
607268.31	4201663.82	17961.04972	0.03153	0.0321	0.58974	0.65946	0.05075	0.0498	4.52E-04	7.92E-06	8.17E-06	2.40E-04	2.68E-04	7.41E-06	7.26E-06	9.7547E-04
607270.25	4201614.91	18655.0777	0.03545	0.0362	0.61464	0.67987	0.05135	0.0504	4.69E-04	8.90E-06	9.21E-06	2.50E-04	2.76E-04	7.50E-06	7.35E-06	1.0134E-03
607271.35	4202059.5	13182.50483	0.0169	0.01705	1.4225	2.07831	0.04201	0.04125	3.31E-04	4.24E-06	4.34E-06	5.79E-04	8.43E-04	6.13E-06	6.01E-06	1.7625E-03
607272.19	4201641.54	18237.23573	0.03337	0.03402	0.61197	0.68354	0.05086	0.04992	4.59E-04	8.38E-06	8.66E-06	2.49E-04	2.77E-04	7.43E-06	7.28E-06	1.0022E-03
607276.28	4201925.31	14492.16964	0.02051	0.02075	1.12154	1.31819	0.04475	0.04392	3.64E-04	5.15E-06	5.28E-06	4.57E-04	5.35E-04	6.54E-06	6.40E-06	1.3664E-03
607278.74	4202023.38	13464.52884	0.01796	0.01813	1.69424	2.3416	0.04243	0.04166	3.39E-04	4.51E-06	4.61E-06	6.90E-04	9.50E-04	6.20E-06	6.07E-06	1.9877E-03
607279.97	4201945.82	14240.22428	0.02001	0.02023	1.29663	1.559	0.0441	0.04328	3.58E-04	5.03E-06	5.15E-06	5.28E-04	6.32E-04	6.44E-06	6.31E-06	1.5288E-03

607281.85	4201948.62	14193.96576	0.01998	0.0202	1.36499	1.65195	0.04393	0.04312	3.57E-04	5.02E-06	5.14E-06	5.56E-04	6.70E-04	6.42E-06	6.28E-06	1.5932E-03
607281.85	4201998.62	13687.87527	0.01864	0.01883	1.66287	2.1976	0.04284	0.04205	3.44E-04	4.68E-06	4.79E-06	6.77E-04	8.91E-04	6.26E-06	6.13E-06	1.9224E-03
607281.85	4202048.62	13192.70644	0.01744	0.01761	2.01789	3.08741	0.0417	0.04094	3.32E-04	4.38E-06	4.48E-06	8.22E-04	1.25E-03	6.09E-06	5.97E-06	2.4149E-03
607281.85	4202098.62	12689.6734	0.01638	0.01653	2.46429	4.43812	0.0405	0.03977	3.19E-04	4.11E-06	4.21E-06	1.00E-03	1.80E-03	5.91E-06	5.80E-06	3.1315E-03
607281.85	4202148.62	12101.75997	0.01524	0.01537	3.66517	3.40058	0.03906	0.03837	3.04E-04	3.83E-06	3.91E-06	1.49E-03	1.38E-03	5.70E-06	5.59E-06	3.1844E-03
607281.85	4202198.62	11649.72922	0.01439	0.01451	3.6039	3.94881	0.03793	0.03726	2.93E-04	3.61E-06	3.69E-06	1.47E-03	1.60E-03	5.54E-06	5.43E-06	3.3700E-03
607281.85	4202248.62	11333.48768	0.01377	0.01388	4.13977	5.35722	0.03711	0.03647	2.85E-04	3.46E-06	3.53E-06	1.69E-03	2.17E-03	5.42E-06	5.32E-06	4.1513E-03
607281.85	4202298.62	10948.96027	0.01296	0.01305	3.8067	2.87725	0.03616	0.03555	2.75E-04	3.25E-06	3.32E-06	1.55E-03	1.17E-03	5.28E-06	5.18E-06	2.9996E-03
607281.85	4202348.62	10486.44945	0.01241	0.0125	1.97795	1.75191	0.03503	0.03445	2.64E-04	3.12E-06	3.18E-06	8.06E-04	7.11E-04	5.12E-06	5.02E-06	1.7863E-03
607281.85	4202398.62	10010.13969	0.01174	0.01181	1.30307	1.19623	0.03387	0.03332	2.52E-04	2.95E-06	3.00E-06	5.31E-04	4.85E-04	4.95E-06	4.86E-06	1.2737E-03
607281.85	4202448.62	9568.10916	0.01107	0.01114	0.9802	0.91111	0.03279	0.03227	2.41E-04	2.78E-06	2.83E-06	3.99E-04	3.70E-04	4.79E-06	4.70E-06	1.0151E-03
607281.85	4202498.62	9160.37337	0.01047	0.01053	0.80663	0.75701	0.03177	0.03128	2.30E-04	2.63E-06	2.68E-06	3.29E-04	3.07E-04	4.64E-06	4.56E-06	8.7129E-04
607281.85	4202548.62	8780.87829	0.00993	0.00999	0.70881	0.67003	0.0308	0.03034	2.21E-04	2.49E-06	2.54E-06	2.89E-04	2.72E-04	4.50E-06	4.42E-06	7.8635E-04
607282.36	4201779.57	16128.07025	0.0261	0.02649	0.86523	0.99609	0.04751	0.04662	4.06E-04	6.55E-06	6.74E-06	3.52E-04	4.04E-04	6.94E-06	6.80E-06	1.1753E-03
607283.25	4202005.74	13605.47415	0.01849	0.01868	1.78258	2.4147	0.0426	0.04183	3.42E-04	4.64E-06	4.75E-06	7.26E-04	9.80E-04	6.22E-06	6.10E-06	2.0571E-03
607284.07	4201963.88	14017.70739	0.0196	0.01982	1.52426	1.89251	0.04348	0.04268	3.53E-04	4.92E-06	5.04E-06	6.21E-04	7.68E-04	6.35E-06	6.22E-06	1.7510E-03
607285.17	4201568.14	19110.48033	0.04083	0.04181	0.75193	0.83269	0.05085	0.04994	4.81E-04	1.03E-05	1.06E-05	3.06E-04	3.38E-04	7.43E-06	7.28E-06	1.1455E-03
607287.2	4201728.23	16794.20868	0.02891	0.0294	0.77655	0.89687	0.04835	0.04745	4.22E-04	7.26E-06	7.48E-06	3.16E-04	3.64E-04	7.06E-06	6.92E-06	1.1172E-03
607288.66	4201454.4	21098.82721	0.05712	0.05906	1.10477	1.24173	0.0517	0.05085	5.31E-04	1.43E-05	1.50E-05	4.50E-04	5.04E-04	7.55E-06	7.41E-06	1.5136E-03
607289.45	4201490.66	20417.30751	0.0512	0.05275	0.98694	1.10067	0.05143	0.05056	5.13E-04	1.29E-05	1.34E-05	4.02E-04	4.46E-04	7.51E-06	7.37E-06	1.3882E-03
607289.45	4201511.95	19993.00598	0.04799	0.04934	0.90007	1.00286	0.05117	0.05028	5.03E-04	1.21E-05	1.26E-05	3.67E-04	4.07E-04	7.47E-06	7.33E-06	1.3008E-03
607290.64	4201984.81	13754.57986	0.01919	0.0194	1.98465	2.63252	0.04269	0.04191	3.46E-04	4.82E-06	4.94E-06	8.08E-04	1.07E-03	6.23E-06	6.11E-06	2.2319E-03
607294.18	4201470.16	20710.99858	0.05506	0.05686	1.14499	1.28723	0.05128	0.05043	5.21E-04	1.38E-05	1.45E-05	4.66E-04	5.22E-04	7.49E-06	7.35E-06	1.5376E-03
607294.46	4201707.41	16998.04613	0.03046	0.03102	0.81572	0.95251	0.04832	0.04743	4.27E-04	7.65E-06	7.89E-06	3.32E-04	3.86E-04	7.06E-06	6.91E-06	1.1616E-03
607299.31	4201658.98	17629.52013	0.03384	0.03453	0.80858	0.93937	0.0489	0.04801	4.43E-04	8.50E-06	8.79E-06	3.29E-04	3.81E-04	7.14E-06	7.00E-06	1.1710E-03
607299.31	4201681.26	17308.84571	0.03233	0.03296	0.83042	0.97248	0.04851	0.04762	4.35E-04	8.12E-06	8.39E-06	3.38E-04	3.94E-04	7.08E-06	6.94E-06	1.1845E-03
607303.67	4201638.15	17874.08831	0.03572	0.03648	0.84181	0.97494	0.04897	0.04808	4.49E-04	8.97E-06	9.28E-06	3.43E-04	3.95E-04	7.15E-06	7.01E-06	1.2061E-03
607305.12	4201612.97	18202.03659	0.03815	0.03904	0.88878	1.01669	0.0492	0.04831	4.58E-04	9.58E-06	9.93E-06	3.62E-04	4.12E-04	7.18E-06	7.04E-06	1.2517E-03
607305.12	4201782.47	15829.54196	0.0268	0.02723	1.25305	1.52765	0.0461	0.04525	3.98E-04	6.73E-06	6.93E-06	5.10E-04	6.20E-04	6.73E-06	6.60E-06	1.5418E-03
607307.4	4201564.43	18851.10118	0.04326	0.04437	0.99696	1.13519	0.04955	0.04868	4.74E-04	1.09E-05	1.13E-05	4.06E-04	4.60E-04	7.24E-06	7.10E-06	1.3628E-03
607307.87	4201899.45	14456.24021	0.0221	0.02238	2.16604	2.86429	0.04356	0.04276	3.64E-04	5.55E-06	5.69E-06	8.82E-04	1.16E-03	6.36E-06	6.23E-06	2.4189E-03
607316.49	4201853.9	14869.91777	0.024	0.02434	2.14675	2.95534	0.04403	0.04323	3.74E-04	6.03E-06	6.19E-06	8.74E-04	1.20E-03	6.43E-06	6.30E-06	2.4594E-03
607321.3	4202259.3	11091.55867	0.01406	0.01418	2.77616	2.19171	0.03543	0.03484	2.79E-04	3.53E-06	3.61E-06	1.13E-03	8.89E-04	5.17E-06	5.08E-06	2.3059E-03
607330.96	4202209.32	11395.30684	0.01491	0.01506	3.12303	2.47217	0.03594	0.03533	2.87E-04	3.74E-06	3.83E-06	1.27E-03	1.00E-03	5.25E-06	5.15E-06	2.5690E-03
607331.85	4201948.62	13755.43354	0.02105	0.02133	2.7548	5.68077	0.04137	0.04064	3.46E-04	5.29E-06	5.43E-06	1.12E-03	2.30E-03	6.04E-06	5.92E-06	3.7831E-03
607331.85	4201998.62	13319.74087	0.01967	0.01992	4.06181	6.61806	0.04046	0.03974	3.35E-04	4.94E-06	5.07E-06	1.65E-03	2.68E-03	5.91E-06	5.79E-06	4.6840E-03
607331.85	4202048.62	12842.52415	0.01834	0.01856	6.36332	4.51351	0.03939	0.0387	3.23E-04	4.61E-06	4.72E-06	2.59E-03	1.83E-03	5.75E-06	5.64E-06	4.7550E-03
607331.85	4202098.62	12367.12349	0.01713	0.01732	4.97868	3.48759	0.03828	0.03762	3.11E-04	4.30E-06	4.41E-06	2.03E-03	1.41E-03	5.59E-06	5.48E-06	3.7623E-03
607331.85	4202148.62	11827.74255	0.01585	0.01601	3.83607	2.80971	0.037	0.03636	2.97E-04	3.98E-06	4.07E-06	1.56E-03	1.14E-03	5.40E-06	5.30E-06	3.0077E-03
607331.85	4202198.62	11428.95166	0.01499	0.01514	3.27871	2.52069	0.03601	0.0354	2.87E-04	3.76E-06	3.85E-06	1.34E-03	1.02E-03	5.26E-06	5.16E-06	2.6530E-03
607331.85	4202248.62	11146.04939	0.01433	0.01447	2.48943	2.01355	0.03529	0.0347	2.80E-04	3.60E-06	3.68E-06	1.01E-03	8.17E-04	5.15E-06	5.06E-06	2.1183E-03
607331.85	4202298.62	10751.92963	0.01355	0.01368	1.80366	1.53996	0.03434	0.03378	2.70E-04	3.40E-06	3.48E-06	7.35E-04	6.25E-04	5.01E-06	4.92E-06	1.6366E-03
607331.85	4202348.62	10347.15902	0.01286	0.01297	1.29052	1.16626	0.03338	0.03284	2.60E-04	3.23E-06	3.30E-06	5.26E-04	4.73E-04	4.87E-06	4.79E-06	1.2655E-03
607331.85	4202398.62	9924.94248	0.0122	0.0123	0.96449	0.89807	0.03239	0.03188	2.50E-04	3.06E-06	3.13E-06	3.93E-04	3.64E-04	4.73E-06	4.65E-06	1.0129E-03
607331.85	4202448.62	9476.61641	0.01146	0.01155	0.75513	0.71284	0.03134	0.03086	2.38E-04	2.88E-06	2.94E-06	3.08E-04	2.89E-04	4.58E-06	4.50E-06	8.4086E-04
607331.85	4202498.62	9073.937	0.01081	0.01089	0.63365	0.60275	0.03039	0.02994	2.28E-04	2.71E-06	2.77E-06	2.58E-04	2.45E-04	4.44E-06	4.36E-06	7.3626E-04
607331.85	4202548.62	8708.67557	0.01025	0.01032	0.55605	0.53207	0.02952	0.02908	2.19E-04	2.57E-06	2.63E-06	2.26E-04	2.16E-04	4.31E-06	4.24E-06	6.6651E-04
607332.24	4201768.91	15708.79212	0.02855	0.02905	2.10387	2.91203	0.04487	0.04406	3.95E-04	7.17E-06	7.39E-06	8.57E-04	1.18E-03	6.55E-06	6.42E-06	2.4478E-03
607333.23	4202147.98	11827.17452	0.01588	0.01605	3.71945	2.74596	0.03696	0.03632	2.97E-04	3.99E-06	4.08E-06	1.51E-03	1.11E-03	5.40E-06	5.29E-06	2.9344E-03
607333.8	4202176.38	11546.65908	0.01525	0.0154	3.2453	2.45047	0.03626	0.03564	2.90E-04	3.83E-06	3.92E-06	1.32E-03	9.94E-04	5.30E-06	5.19E-06	2.6140E-03
607338.67	4201559.91	18456.71861	0.04668	0.04805	1.68645	2.05897	0.04775	0.04693	4.64E-04	1.17E-05	1.22E-05	6.87E-04	8.35E-04	6.97E-06	6.84E-06	2.0102E-03
607339.02	4201743.25	15975.37495	0.0304	0.03099	2.12054	2.99882	0.04503	0.04422	4.02E-04	7.63E-06	7.88E-06	8.64E-04	1.22E-03	6.58E-06	6.45E-06	2.4974E-03
607340.96	4201720	16266.80891	0.03202	0.03267	1.95592	2.7325	0.04538	0.04457	4.09E-04	8.04E-06	8.31E-06	7.97E-04	1.11E-03	6.63E-06	6.50E-06	2.3305E-03
607346.28	4201693.85	16563.42543	0.03414	0.03489	1.95987	2.75648	0.04559	0.04478	4.17E-04	8.57E-06	8.88E-06	7.98E-04	1.12E-03	6.66E-06	6.53E-06	2.3504E-03
607346.86	4202072.72	12524.32267	0.01797	0.01819	3.82402	2.90156	0.03825	0.03758	3.15E-04	4.51E-06	4.63E-06	1.56E-03	1.18E-03	5.59E-06	5.48E-06	3.0587E-03
607348.03	4202037.94	12842.07279	0.01888	0.01912	4.35121	3.34203	0.03894	0.03826	3.23E-04	4.74E-06	4.86E-06	1.77E-03	1.36E-03	5.69E-06	5.58E-06	3.4605E-03
607350.64	4201670.12	16837.90317	0.03619	0.03705	1.95492	2.78523	0.04577	0.04496	4.23E-04	9.09E-06	9.43E-06	7.96E-04	1.13E-03	6.68E-06	6.55E-06	2.3680E-03
607352.58	4201646.39	17134.20101	0.03832	0.03929	1.92059	2.65733	0.04603	0.04522	4.31E-04	9.62E-06	1.00E-05	7.82E-04	1.08E-03	6.72E-06	6.59E-06	2.3107E-03
607355.48	4201589.24	17825.76113	0.04456	0.04585	2.30792	2.98575	0.04653	0.04572	4.48E-04	1.12E-05	1.17E-05	9.40E-04	1.21E-03	6.79E-06	6.66E-06	2.6223E-03
607355.97	4201619.75	17437.65533	0.04119	0.04231	2.11486	2.80668	0.04619	0.04539	4.39E-04	1.03E-05	1.08E-05	8.61E-04	1.14E-03	6.75E-06	6.62E-06	2.4595E-03
607366.33	4200769.13	31634.50866	1.74856	1.43729	0.03979	0.03766	0.03089	0.03103	7.96E-04	4.39E-04	3.66E-04	1.62E-05	1.53E-05	4.51E-06	4.52E-06	1.6318E-03
607369.05	4201993.63	13139.6525	0.02051	0.02081	3.27579	2.76598	0.03902	0.03834	3.30E-04	5.15E-06	5.29E-06	1.33E-03	1.12E-03	5.70E-06	5.59E-06	2.7972E-03
607370.6	4200744.38	31764.81937	1.48929	1.24955	0.036	0.03422	0.02977	0.02993	7.99E-04	3.74E-04	3.18E-04	1.47E-05	1.39E-05	4.35E-06	4.36E-06	1.5193E-03
607378.7	4201943.65	13485.68095	0.02226	0.02261	3.30802	2.80509	0.03945	0.03877	3.39E-04	5.59E-06	5.75E-06	1.35E-03	1.14E-03	5.76E-06	5.65E-06	2.8357E-03
607380.97	4201882.31	14024.16371	0.02457	0.02499	4.1753	3.29048	0.0404	0.0397	3.53E-04	6.17E-06	6.36E-06	1.70E-03	1.33E-03	5.90E-06	5.79E-06	3.4006E-03
607381.54	4201910.71	13758.41466	0.02348	0.02387	3.56835	2.96232	0.0399	0.03921	3.46E-04	5.90E-06	6.07E-06	1.45E-03	1.20E-03	5.83E-06	5.72E-06	3.0130E-03
607381.85	4201948.62	13427.45939	0.02217	0.02252	3.06799	2.63148	0.03925	0.03858	3.38E-04	5.57E-06	5.73E-06	1.25E-03	1.07E-03	5.73E-06	5.62E-06	2.6660E-03
607381.85	4201998.62	13035.3446	0.02057	0.02087	2.52747	2.20146	0.03845	0.0378	3.28E-04	5.17E-06	5.31E-06	1.03E-03	8.93E-04	5.62E-06	5.51E-06	2.2608E-03
607381.85	4202048.62	12577.3632	0.01913	0.0194	2.22774	1.90158	0.03745	0.03682	3.16E-04	4.80E-06	4.94E-06	9.07E-04	7.71E-04	5.47E-06	5.37E-06	2.0048E-03
607381.85	4202098.62	12060.0732	0.01772	0.01795	1.93036	1.65636	0.03628	0.03567	3.03E-04	4.45E-06	4.57E-06	7.86E-04	6.72E-04	5.30E-06	5.20E-06	1.7704E-03
607381.85	4202148.62	11572.09843	0.0164	0.01659	1.68625	1.45184	0.03514	0.03455	2.91E-04	4.12E-06	4.22E-06	6.87E-04	5.89E-04	5.13E-06	5.04E-06	1.5751E-03
607381.85	4202348.62	10222.48874	0.01321	0.01334	0.91408	0.84017	0.0319	0.03141	2.57E-04	3.32E-06	3.39E-06	3.72E-04	3.41E-04	4.66E-06	4.58E-06	9.7690E-04
607381.85	4202398.62	9796.93735	0.01253	0.01265	0.73858	0.69343	0.03094	0.03046	2.46E-04	3.15E-06	3.22E-06	3.01E-04	2.81E-04	4.52E-06	4.44E-06	8.3485E-04
607381.85	4202448.62	9366.01915	0.01177	0.01187	0.60384	0.57435	0.02996	0.02952	2.36E-04	2.96E-06	3.02E-06	2.46E-04	2.33E-04	4.38E-06	4.30E-06	7.2044E-04
607381.85	4202498.62	8978.7384	0.01109	0.01118	0.51462	0.49327	0.02909	0.02867	2.26E-04	2.79E-06	2.84E-06	2.10E-04	2.00E-04	4.25E-06	4.18E-06	6.4112E-04
607381.85	4202548.62	8630.65975	0.01052	0.0106	0.45108	0.43505	0.02831	0.0279	2.17E-04	2.64E-06	2.70E-06	1.84E-04	1.76E-04	4.13E-06	4.07E-06	5.8258E-04
607400.85	4201861.3	14072.15879	0.02599	0.02647	2.93845	2.46245	0.0399	0.03922	3.54E-04	6.53E-06	6.73E-06	1.20E-03	9.99E-04	5.83E-06	5.72E-06	2.5629E-03
607402.25	4201797.62	14692.20116	0.02929	0.0299	3.58586	2.88625	0.04088	0.04018	3.69E-04	7.36E-06	7.61E-06	1.46E-03	1.17E-03	5.97E-06	5.86E-06	3.0158E-03
607402.82	4201762.98	15071.38464	0.03151	0.03221	4.22638	3.23134	0.04145	0.04073	3.79E-04	7.91E-06	8.19E-06	1.72E-03	1.31E-03	6.05E-06	5.94E-06	3.4274E-03
607405.41	4201505.03	18317.06863	0.06304	0.0657	4.17406	3.49824	0.0448	0.04408	4.61E-04	1.58E-05	1.67E-05	1.70E-03	1.42E-03	6.54E-06	6.42E-06	3.6124E-03
607410.62	4201477.67	18613.05131	0.07015	0.07343	3.07512	2.726	0.04474	0.04403	4.68E-04	1.76E-05	1.87E-05	1.25E-03	1.11E-03	6.53E-06	6.42E-06	2.8627E-03
607415.83	4201531.52	17807.69928	0.05885	0.06118	3.87238	3.19242	0.04405	0.04333	4.48E-04	1.48E-05	1.56E-05	1.58E-03	1.30E-03	6.43E-06	6.32E-06	3.3504E-03
607417.02	4201708.46	15562.34367	0.03628	0.03719	3.77283	2.94457	0.04168	0.04097	3.91E-04	9.11E-06	9.46E-06	1.54E-03	1.19E-03	6.09E-06	5.97E-06	3.1411E-03
607423.16	4200737.35	29458.54846	2.92747	2.23907	0.0341	0.03244	0.02905	0.02918	7.41E-04	7.35E-04	5.70E-04	1.39E-05	1.32E-05	4.24E-06	4.25E-06	2.0727E-03
607424.97	4201746.51	15049.62403	0.03356	0.03435	2.8234	2.32863	0.04072	0.04003	3.78E-04	8.43E-06	8.74E-06	1.15E-03	9.45E-04	5.95E-06	5.83E-06	2.4902E-03
607425.67	4201675.37	15859.09899	0.03977	0.04086	3.50822	2.78568	0.04177	0.04107	3.99E-04	9.99E-06	1.04E-05	1.43E-03	1.13E-03	6.10E-06	5.99E-06	2.9781E-03
607426.11	4201803.3	14426.10832	0.02974	0.03037	2.29462	1.97714	0.03974	0.03907	3.63E-04	7.47E-06	7.73E-06	9.35E-04	8.02E-04	5.80E-06	5.69E-06	2.1146E-03
607427.56	4201582.75	16980.25418	0.05127	0.05305	3.76845	3.08289	0.04292	0.04221	4.27E-04	1.29E-05	1.35E-05	1.53E-03	1.25E-03	6.27E-06	6.15E-06	3.2389E-03
607430.39	4201618.1	16479.93141	0.04652	0.048	3.54545	2.90402	0.0423	0.0416	4.14E-04	1.17E-05	1.22E-05	1.44E-03	1.18E-03	6.18E-06	6.06E-06	3.0604E-03
607431.85	4202348.62	10007.26026	0.01353	0.01368	0.68298	0.63872	0.03034	0.02988	2.52E-04	3.40E-06	3.48E-06	2.78E-04	2.59E-04	4.43E-06	4.36E-06	7.9581E-04
607431.85	4202398.62	9588.38606	0.01269	0.01282	0.57163	0.54161	0.02941	0.02897	2.41E-04	3.19E-06	3.26E-06	2.33E-04	2.20E-04	4.29E-06	4.22E-06	7.0010E-04
607431.85	4202448.62	9230.16153	0.012	0.01211	0.49071	0.46926	0.02863	0.02821	2.32E-04	3.01E-06	3.08E-06	2.00E-04	1.90E-04	4.18E-06	4.11E-06	6.2843E-04
607431.85	4202498.62	8876.11339	0.01134	0.01144	0.42627	0.41061	0.02787	0.02747	2.23E-04	2.85E-06	2.91E-06	1.74E-04	1.67E-04	4.07E-06	4.00E-06	5.6915E-04
607431.85	4202548.62	8544.88879	0.01076	0.01085	0.37419	0.36274	0.02716	0.02678	2.15E-04	2.70E-06	2.76E-06	1.52E-04	1.47E-04	3.97E-06	3.90E-06	5.1990E-04
607437.11	4201475.93	18216.89014	0.0744	0.07807	1.95903	1.79581	0.04345	0.04277	4.58E-04	1.87E-05	1.99E-05	7.98E-04	7.28E-04	6.35E-06	6.23E-06	2.0230E-03
607438.52	4201654.18	15951.9466	0.04269	0.04395	2.82622	2.3533	0.04144	0.04075	4.01E-04	1.07E-05	1.12E-05	1.15E-03	9.55E-04	6.05E-06	5.94E-06	2.5288E-03
607441.02	4201532.39	17442.35579	0.06136	0.06389	2.32098	2.06671	0.04281	0.04212	4.39E-04	1.54E-05	1.63E-05	9.45E-04	8.38E-04	6.25E-06	6.14E-06	2.2540E-03
607441.46	4201563.66	17049.40441	0.05553	0.05762	2.63662	2.29783	0.04248	0.04179	4.29E-04	1.39E-05	1.47E-05	1.07E-03	9.32E-04	6.20E-06	6.09E-06	2.4634E-03
607444.85	4201714.71	15196.33105	0.03698	0.03793	2.22327	1.89797	0.0403	0.03962	3.82E-04	9.29E-06	9.65E-06	9.06E-04	7.70E-04	5.89E-06	5.77E-06	2.0766E-03
607445.41	4201806.14	14236.25054	0.03021	0.03086	1.77088	1.57079	0.03888	0.03824	3.58E-04	7.59E-06	7.85E-06	7.21E-04	6.37E-04	5.68E-06	5.57E-06	1.7319E-03
607450.52	4201749.92	14765.44367	0.03432	0.03514	1.90401	1.65828	0.03953	0.03887	3.71E-04	8.62E-06	8.94E-06	7.76E-04	6.73E-04	5.77E-06	5.67E-06	1.8371E-03
607455.14	4201620.93	16133.03518	0.04783	0.04938	2.18495	1.90731	0.04107	0.0404	4.06E-04	1.20E-05	1.26E-05	8.90E-04	7.74E-04	6.00E-06	5.89E-06	2.0939E-03
607455.35	4201475.06	17944.71258	0.07718	0.0811	1.55344	1.44277	0.04259	0.04193	4.51E-04	1.94E-05	2.06E-05	6.33E-04	5.85E-04	6.22E-06	6.11E-06	1.7093E-03
607459.04	4201719.25	15003.70723	0.03723	0.03819	1.82292	1.59413	0.0396	0.03895	3.77E-04	9.35E-06	9.72E-06	7.42E-04	6.47E-04	5.78E-06	5.68E-06	1.7855E-03
607461	4201530.65	17188.73608	0.06382	0.06655	1.7342	1.58702	0.04189	0.04123	4.32E-04	1.60E-05	1.69E-05	7.06E-04	6.44E-04	6.12E-06	6.01E-06	1.8153E-03
607462.74	4201564.09	16768.31572	0.05739	0.05961	1.88848	1.69476	0.04149	0.04082	4.22E-04	1.44E-05	1.52E-05	7.69E-04	6.87E-04	6.06E-06	5.95E-06	1.9079E-03
607463.02	4201659.05	15608.27688	0.04354	0.04483	1.89894	1.66353	0.04023	0.03957	3.92E-04	1.09E-05	1.14E-05	7.73E-04	6.75E-04	5.87E-06	5.77E-06	1.8631E-03
607469.83	4201761.27	14467.67711	0.03421	0.03503	1.48947	1.33332	0.03854	0.03791	3.64E-04	8.59E-06	8.91E-06	6.07E-04	5.41E-04	5.63E-06	5.53E-06	1.5289E-03
607471.54	4201807.84	14000.94001	0.03098	0.03166	1.34391	1.22185	0.0378	0.03718	3.52E-04	7.78E-06	8.06E-06	5.47E-04	4.96E-04	5.52E-06	5.42E-06	1.4109E-03
607473.47	4201205.35	20954.83687	0.35948	0.41811	0.92055	0.82778	0.04135	0.0409	5.27E-04	9.03E-05	1.06E-04	3.75E-04	3.36E-04	6.04E-06	5.96E-06	1.4343E-03
607474.9	4201475.93	17637.13119	0.07944	0.08358	1.26874	1.18998	0.04168	0.04104	4.44E-04	2.00E-05	2.13E-05	5.17E-04	4.83E-04	6.09E-06	5.98E-06	1.4842E-03
607475.65	4201620.23	15896.06562	0.04934	0.05099	1.6502	1.48013	0.04015	0.0395	4.00E-04	1.24E-05	1.30E-05	6.72E-04	6.00E-04	5.86E-06	5.76E-06	1.6977E-03
607478.35	4201723.23	14772.00555	0.03777	0.03876	1.45802	1.30447	0.03872	0.03809	3.71E-04	9.49E-06	9.86E-06	5.94E-04	5.29E-04	5.65E-06	5.55E-06	1.5138E-03
607481.85	4202348.62	9827.47323	0.01383	0.01397	0.53687	0.50762	0.02897	0.02855	2.47E-04	3.47E-06	3.55E-06	2.19E-04	2.06E-04	4.23E-06	4.16E-06	6.7875E-04
607481.85	4202398.62	9434.65086	0.01296	0.01309	0.46405	0.44251	0.02812	0.02771	2.37E-04	3.25E-06	3.33E-06	1.89E-04	1.80E-04	4.11E-06	4.04E-06	6.1235E-04
607481.85	4202448.62	9091.16891	0.01223	0.01234	0.40605	0.39012	0.02739	0.027	2.29E-04	3.07E-06	3.14E-06	1.65E-04	1.58E-04	4.00E-06	3.94E-06	5.5847E-04
607481.85	4202498.62	8766.08908	0.01158	0.01168	0.35797	0.34618	0.02672	0.02634	2.20E-04	2.91E-06	2.97E-06	1.46E-04	1.40E-04	3.90E-06	3.84E-06	5.1255E-04
607481.85	4202548.62	8453.69761	0.01099	0.01108	0.31586	0.3073	0.02607	0.02572	2.13E-04	2.76E-06	2.82E-06	1.29E-04	1.25E-04	3.81E-06	3.75E-06	4.7147E-04
607482.45	4201664.05	15337.68074	0.04407	0.0454	1.49578	1.34074	0.03931	0.03867	3.86E-04	1.11E-05	1.16E-05	6.09E-04	5.44E-04	5.74E-06	5.64E-06	1.5614E-03
607482.71	4201528.05	16923.45761	0.06661	0.06957	1.34591	1.25231	0.04094	0.04029	4.26E-04	1.67E-05	1.77E-05	5.48E-04	5.08E-04	5.98E-06	5.87E-06	1.5162E-03
607483.15	4201562.79	16523.59446	0.05944	0.06182	1.45992	1.33656	0.04059	0.03995	4.16E-04	1.49E-05	1.57E-05	5.95E-04	5.42E-04	5.93E-06	5.82E-06	1.5830E-03
607493.12	4201817.49	13745.30888	0.03114	0.03182	1.10263	1.0183	0.03684	0.03625	3.46E-04	7.82E-06	8.10E-06	4.49E-04	4.13E-04	5.38E-06	5.28E-06	1.2238E-03
607496.96	4201155.79	21079.51954	0.49414	0.57844	0.67074	0.59536	0.03985	0.03946	5.30E-04	1.24E-04	1.47E-04	2.73E-04	2.42E-04	5.82E-06	5.75E-06	1.3161E-03
607496.96	4201172.31	20860.75617	0.4381	0.50989	0.69995	0.62616	0.04007	0.03966	5.25E-04	1.10E-04	1.30E-04	2.85E-04	2.54E-04	5.85E-06	5.78E-06	1.3034E-03
607496.96	4201188.83	20645.65943	0.38865	0.44945	0.72503	0.65351	0.04027	0.03984	5.19E-04	9.76E-05	1.14E-04	2.95E-04	2.65E-04	5.88E-06	5.81E-06	1.2915E-03
607496.96	4201205.35	20434.63793	0.34531	0.39653	0.74639	0.67761	0.04044	0.04	5.14E-04	8.67E-05	1.01E-04	3.04E-04	2.75E-04	5.91E-06	5.83E-06	1.2804E-03
607496.96	4201221.87	20227.05662	0.30757	0.35055	0.76459	0.69872	0.0406	0.04014	5.09E-04	7.72E-05	8.92E-05	3.11E-04	2.83E-04	5.93E-06	5.85E-06	1.2699E-03
607498.23	4201770.36	14123.59009	0.03464	0.03547	1.13003	1.03615	0.03727	0.03667	3.55E-04	8.70E-06	9.02E-06	4.60E-04	4.20E-04	5.44E-06	5.34E-06	1.2535E-03
607498.79	4201747.08	14340.10759	0.03657	0.0375	1.16196	1.06117	0.03756	0.03696	3.61E-04	9.18E-06	9.54E-06	4.73E-04	4.30E-04	5.49E-06	5.39E-06	1.2831E-03
607499.22	4201472.89	17309.34888	0.08322	0.0877	1.01672	0.96236	0.04063	0.04001	4.35E-04	2.09E-05	2.23E-05	4.14E-04	3.90E-04	5.93E-06	5.83E-06	1.2830E-03
607502.35	4201677.74	14987.72108	0.04362	0.04493	1.2158	1.10683	0.03831	0.03769	3.77E-04	1.10E-05	1.14E-05	4.95E-04	4.49E-04	5.59E-06	5.49E-06	1.3435E-03
607506.75	4201731.18	14424.15287	0.03837	0.03938	1.11135	1.01767	0.03746	0.03686	3.63E-04	9.64E-06	1.00E-05	4.53E-04	4.13E-04	5.47E-06	5.37E-06	1.2479E-03
607507.9	4201522.4	16647.34427	0.07034	0.0736	1.05256	0.99136	0.03989	0.03927	4.19E-04	1.77E-05	1.87E-05	4.29E-04	4.02E-04	5.83E-06	5.72E-06	1.2859E-03
607509.64	4201539.77	16437.62797	0.06649	0.06941	1.07456	1.0071	0.03966	0.03905	4.13E-04	1.67E-05	1.77E-05	4.38E-04	4.09E-04	5.79E-06	5.69E-06	1.2939E-03
607510.51	4201563.23	16175.27396	0.06168	0.0642	1.11004	1.03317	0.03941	0.03879	4.07E-04	1.55E-05	1.63E-05	4.52E-04	4.19E-04	5.76E-06	5.65E-06	1.3098E-03
607517.46	4201473.76	17034.00661	0.08478	0.08937	0.88571	0.84227	0.03984	0.03924	4.28E-04	2.13E-05	2.27E-05	3.61E-04	3.42E-04	5.82E-06	5.72E-06	1.1748E-03
607518.78	4201606.08	15565.02106	0.0546	0.05659	1.06714	0.98983	0.0385	0.0379	3.91E-04	1.37E-05	1.44E-05	4.35E-04	4.02E-04	5.62E-06	5.52E-06	1.2557E-03
607520.45	4201073.19	21649.05655	0.76502	0.88343	0.38852	0.33828	0.0377	0.03741	5.44E-04	1.92E-04	2.25E-04	1.58E-04	1.37E-04	5.51E-06	5.45E-06	1.2568E-03
607520.45	4201089.71	21424.34453	0.6925	0.80196	0.4284	0.37487	0.03801	0.0377	5.39E-04	1.74E-04	2.04E-04	1.74E-04	1.52E-04	5.55E-06	5.49E-06	1.2433E-03
607520.45	4201106.23	21202.10575	0.62457	0.72371	0.46554	0.40986	0.03829	0.03796	5.33E-04	1.57E-04	1.84E-04	1.90E-04	1.66E-04	5.59E-06	5.53E-06	1.2300E-03
607520.45	4201122.75	20982.67899	0.56204	0.65031	0.49929	0.44258	0.03856	0.03821	5.28E-04	1.41E-04	1.65E-04	2.03E-04	1.80E-04	5.63E-06	5.57E-06	1.2172E-03
607520.45	4201155.79	20553.58536	0.454	0.5219	0.5566	0.50017	0.03902	0.03864	5.17E-04	1.14E-04	1.33E-04	2.27E-04	2.03E-04	5.70E-06	5.63E-06	1.1933E-03
607520.45	4201172.31	20344.21043	0.40796	0.46708	0.58068	0.52516	0.03922	0.03882	5.12E-04	1.02E-04	1.19E-04	2.37E-04	2.13E-04	5.73E-06	5.66E-06	1.1824E-03
607520.45	4201188.83	20138.48428	0.36667	0.41795	0.60204	0.54779	0.0394	0.03898	5.06E-04	9.21E-05	1.06E-04	2.45E-04	2.22E-04	5.75E-06	5.68E-06	1.1723E-03
607520.45	4201205.35	19936.62337	0.32976	0.37404	0.62088	0.5682	0.03956	0.03913	5.01E-04	8.28E-05	9.52E-05	2.53E-04	2.30E-04	5.78E-06	5.70E-06	1.1627E-03
607520.45	4201221.87	19738.00495	0.29694	0.33501	0.63746	0.58651	0.0397	0.03925	4.96E-04	7.46E-05	8.52E-05	2.60E-04	2.38E-04	5.80E-06	5.72E-06	1.1537E-03
607523.01	4201691.84	14638.82318	0.04313	0.0444	1.00933	0.93066	0.0373	0.03671	3.68E-04	1.08E-05	1.13E-05	4.11E-04	3.78E-04	5.45E-06	5.35E-06	1.1789E-03
607531.85	4202348.62	9661.43999	0.01419	0.01434	0.43667	0.41628	0.02774	0.02734	2.43E-04	3.56E-06	3.65E-06	1.78E-04	1.69E-04	4.05E-06	3.98E-06	5.9689E-04
607531.85	4202398.62	9288.24223	0.01329	0.01341	0.38549	0.36979	0.02694	0.02656	2.34E-04	3.34E-06	3.41E-06	1.57E-04	1.50E-04	3.93E-06	3.87E-06	5.4734E-04
607531.85	4202448.62	8943.20362	0.01248	0.01259	0.34038	0.32854	0.02622	0.02586	2.25E-04	3.13E-06	3.20E-06	1.39E-04	1.33E-04	3.83E-06	3.77E-06	5.0314E-04
607531.85	4202498.62	8649.22602	0.01184	0.01194	0.3042	0.29522	0.02563	0.02528	2.18E-04	2.97E-06	3.04E-06	1.24E-04	1.20E-04	3.74E-06	3.68E-06	4.6717E-04
607531.85	4202548.62	8353.7951	0.01123	0.01133	0.27017	0.26359	0.02504	0.02471	2.10E-04	2.82E-06	2.88E-06	1.10E-04	1.07E-04	3.66E-06	3.60E-06	4.3274E-04
607535.76	4201644.98	14959.17594	0.04965	0.05131	0.93067	0.86536	0.03734	0.03675	3.76E-04	1.25E-05	1.31E-05	3.79E-04	3.51E-04	5.45E-06	5.36E-06	1.1318E-03
607540.71	4201675.39	14615.00158	0.04596	0.04739	0.88984	0.82763	0.0368	0.03622	3.68E-04	1.15E-05	1.21E-05	3.62E-04	3.36E-04	5.37E-06	5.28E-06	1.0893E-03
607541.39	4201808.98	13462.34688	0.03357	0.03435	0.80291	0.75331	0.03524	0.03469	3.39E-04	8.43E-06	8.74E-06	3.27E-04	3.06E-04	5.15E-06	5.06E-06	9.8832E-04
607543.94	4201073.19	21097.15181	0.67309	0.7646	0.3396	0.29995	0.037	0.03671	5.31E-04	1.69E-04	1.95E-04	1.38E-04	1.22E-04	5.40E-06	5.35E-06	1.1541E-03
607543.94	4201089.71	20882.95637	0.61434	0.69934	0.37052	0.32873	0.03728	0.03697	5.25E-04	1.54E-04	1.78E-04	1.51E-04	1.33E-04	5.44E-06	5.39E-06	1.1416E-03
607543.94	4201106.23	20670.8446	0.55925	0.63694	0.39954	0.35637	0.03754	0.03722	5.20E-04	1.40E-04	1.62E-04	1.63E-04	1.45E-04	5.48E-06	5.43E-06	1.1296E-03
607543.94	4201122.75	20461.32099	0.50827	0.57831	0.42625	0.3824	0.03779	0.03744	5.15E-04	1.28E-04	1.47E-04	1.74E-04	1.55E-04	5.52E-06	5.46E-06	1.1181E-03
607543.94	4201172.31	19850.20379	0.38057	0.42965	0.49259	0.44952	0.0384	0.03801	4.99E-04	9.56E-05	1.09E-04	2.01E-04	1.82E-04	5.61E-06	5.54E-06	1.0870E-03
607546.5	4201792.51	13564.09562	0.03502	0.03586	0.79256	0.74321	0.03527	0.03472	3.41E-04	8.80E-06	9.12E-06	3.23E-04	3.01E-04	5.15E-06	5.06E-06	9.8331E-04
607553.31	4201751.62	13845.9221	0.0387	0.03972	0.785	0.73526	0.03551	0.03496	3.48E-04	9.72E-06	1.01E-05	3.20E-04	2.98E-04	5.19E-06	5.10E-06	9.8600E-04
607553.44	4201659.83	14632.61756	0.04862	0.0502	0.8176	0.76473	0.03649	0.03592	3.68E-04	1.22E-05	1.28E-05	3.33E-04	3.10E-04	5.33E-06	5.24E-06	1.0362E-03
607558.28	4201479.41	16404.93888	0.08617	0.09072	0.68349	0.65433	0.03815	0.03758	4.13E-04	2.16E-05	2.31E-05	2.78E-04	2.65E-04	5.57E-06	5.48E-06	1.0011E-03
607563.06	4201541.51	15751.19408	0.07007	0.0732	0.72709	0.69079	0.03749	0.03693	3.96E-04	1.76E-05	1.86E-05	2.96E-04	2.80E-04	5.47E-06	5.38E-06	1.0087E-03
607563.93	4201561.49	15544.28077	0.06587	0.06866	0.73819	0.69986	0.03727	0.03671	3.91E-04	1.65E-05	1.75E-05	3.01E-04	2.84E-04	5.44E-06	5.35E-06	1.0095E-03
607564.36	4201522.4	15913.87511	0.07468	0.07819	0.70263	0.66988	0.0376	0.03703	4.00E-04	1.88E-05	1.99E-05	2.86E-04	2.72E-04	5.49E-06	5.40E-06	9.9676E-04
607566.53	4201581.9	15287.28108	0.06207	0.06455	0.73937	0.69984	0.03692	0.03636	3.84E-04	1.56E-05	1.64E-05	3.01E-04	2.84E-04	5.39E-06	5.30E-06	1.0015E-03
607567.43	4201073.19	20569.73346	0.60098	0.67345	0.3009	0.26892	0.0363	0.03602	5.17E-04	1.51E-04	1.71E-04	1.23E-04	1.09E-04	5.30E-06	5.25E-06	1.0712E-03
607567.43	4201089.71	20365.27698	0.55221	0.6198	0.32552	0.2921	0.03657	0.03626	5.12E-04	1.39E-04	1.58E-04	1.33E-04	1.18E-04	5.34E-06	5.29E-06	1.0596E-03
607567.43	4201106.23	20162.75963	0.50643	0.56867	0.34878	0.31443	0.03681	0.03649	5.07E-04	1.27E-04	1.45E-04	1.42E-04	1.28E-04	5.38E-06	5.32E-06	1.0485E-03
607567.43	4201122.75	19962.30909	0.46389	0.52056	0.37041	0.33561	0.03704	0.0367	5.02E-04	1.17E-04	1.32E-04	1.51E-04	1.36E-04	5.41E-06	5.35E-06	1.0379E-03
607571.31	4201602.75	15000.37198	0.0584	0.06061	0.72424	0.68474	0.03646	0.03591	3.77E-04	1.47E-05	1.54E-05	2.95E-04	2.78E-04	5.32E-06	5.23E-06	9.8005E-04
607571.44	4201713.55	13991.26805	0.04318	0.04443	0.71677	0.67428	0.03525	0.03471	3.52E-04	1.08E-05	1.13E-05	2.92E-04	2.74E-04	5.15E-06	5.06E-06	9.3945E-04
607574.23	4201809.28	13243.09319	0.03488	0.03571	0.66869	0.63408	0.03419	0.03367	3.33E-04	8.76E-06	9.09E-06	2.72E-04	2.57E-04	4.99E-06	4.91E-06	8.8045E-04
607577.16	4201791.94	13368.59213	0.03636	0.03726	0.66812	0.63306	0.03431	0.03379	3.36E-04	9.13E-06	9.48E-06	2.72E-04	2.57E-04	5.01E-06	4.93E-06	8.8372E-04
607579.99	4201477.67	16126.95159	0.08792	0.09254	0.60168	0.57752	0.03732	0.03677	4.06E-04	2.21E-05	2.35E-05	2.45E-04	2.34E-04	5.45E-06	5.36E-06	9.3051E-04
607581.63	4201694.49	14048.77148	0.04571	0.0471	0.67825	0.6397	0.03508	0.03454	3.53E-04	1.15E-05	1.20E-05	2.76E-04	2.59E-04	5.12E-06	5.03E-06	9.1250E-04
607581.85	4202348.62	9486.80852	0.01461	0.01475	0.36314	0.34846	0.02657	0.0262	2.39E-04	3.67E-06	3.75E-06	1.48E-04	1.41E-04	3.88E-06	3.82E-06	5.3525E-04
607581.85	4202398.62	9136.15288	0.01366	0.01378	0.32522	0.31357	0.02583	0.02547	2.30E-04	3.43E-06	3.51E-06	1.32E-04	1.27E-04	3.77E-06	3.71E-06	4.9635E-04
607581.85	4202448.62	8818.11662	0.01284	0.01295	0.29135	0.2823	0.02517	0.02484	2.22E-04	3.22E-06	3.29E-06	1.19E-04	1.15E-04	3.68E-06	3.62E-06	4.6145E-04
607581.85	4202498.62	8530.16826	0.01214	0.01224	0.26168	0.25474	0.02461	0.02428	2.15E-04	3.05E-06	3.11E-06	1.07E-04	1.03E-04	3.59E-06	3.54E-06	4.3059E-04
607581.85	4202548.62	8248.35332	0.0115	0.0116	0.23392	0.22878	0.02406	0.02375	2.07E-04	2.89E-06	2.95E-06	9.53E-05	9.28E-05	3.51E-06	3.46E-06	4.0134E-04
607583.98	4201765.25	13536.43259	0.03892	0.03994	0.65778	0.62226	0.03441	0.03388	3.40E-04	9.77E-06	1.02E-05	2.68E-04	2.52E-04	5.03E-06	4.94E-06	8.8067E-04
607584.55	4201620.93	14677.22018	0.05599	0.05801	0.6709	0.63503	0.03576	0.03522	3.69E-04	1.41E-05	1.48E-05	2.73E-04	2.58E-04	5.22E-06	5.13E-06	9.2877E-04
607588.25	4201535.86	15495.53744	0.0728	0.07608	0.62055	0.59248	0.03658	0.03604	3.90E-04	1.83E-05	1.94E-05	2.53E-04	2.40E-04	5.34E-06	5.25E-06	9.2040E-04
607590.92	4201023.63	20655.07771	0.68027	0.74702	0.20654	0.18506	0.03479	0.03455	5.19E-04	1.71E-04	1.90E-04	8.41E-05	7.51E-05	5.08E-06	5.04E-06	1.0395E-03
607590.92	4201040.15	20458.09705	0.63248	0.69706	0.22768	0.20435	0.03508	0.03483	5.14E-04	1.59E-04	1.77E-04	9.27E-05	8.29E-05	5.12E-06	5.08E-06	1.0263E-03
607590.92	4201056.67	20261.37319	0.5867	0.6485	0.24883	0.22388	0.03536	0.0351	5.10E-04	1.47E-04	1.65E-04	1.01E-04	9.08E-05	5.16E-06	5.12E-06	1.0140E-03
607590.92	4201073.19	20065.24471	0.54305	0.60156	0.26959	0.24332	0.03563	0.03534	5.05E-04	1.36E-04	1.53E-04	1.10E-04	9.87E-05	5.20E-06	5.15E-06	1.0025E-03
607590.92	4201089.71	19870.08284	0.50174	0.55652	0.28963	0.26237	0.03587	0.03557	5.00E-04	1.26E-04	1.42E-04	1.18E-04	1.06E-04	5.24E-06	5.18E-06	9.9167E-04
607590.92	4201106.23	19676.35401	0.46294	0.5137	0.30867	0.28076	0.0361	0.03578	4.95E-04	1.16E-04	1.31E-04	1.26E-04	1.14E-04	5.27E-06	5.22E-06	9.8137E-04
607590.92	4201122.75	19483.85197	0.42678	0.47335	0.32651	0.29829	0.03631	0.03597	4.90E-04	1.07E-04	1.20E-04	1.33E-04	1.21E-04	5.30E-06	5.24E-06	9.7156E-04
607597.59	4201692.32	13924.66944	0.04671	0.04814	0.62107	0.58815	0.03455	0.03403	3.50E-04	1.17E-05	1.22E-05	2.53E-04	2.39E-04	5.05E-06	4.96E-06	8.6569E-04
607598.67	4201478.97	15867.11373	0.08831	0.09287	0.54574	0.52473	0.03661	0.03608	3.99E-04	2.22E-05	2.36E-05	2.22E-04	2.13E-04	5.35E-06	5.26E-06	8.7996E-04
607600.11	4201587.7	14844.05867	0.06272	0.06518	0.60704	0.57822	0.03559	0.03506	3.73E-04	1.58E-05	1.66E-05	2.47E-04	2.35E-04	5.20E-06	5.11E-06	8.8742E-04

607607.03	4201729.35	13643.63353	0.04335	0.04458	0.59427	0.5644	0.03405	0.03354	3.43E-04	1.09E-05	1.13E-05	2.42E-04	2.29E-04	4.97E-06	4.89E-06	8.3632E-04
607607.79	4201535.43	15265.07485	0.0738	0.07708	0.55754	0.53371	0.03587	0.03535	3.84E-04	1.85E-05	1.96E-05	2.27E-04	2.16E-04	5.24E-06	5.15E-06	8.6560E-04
607610.72	4201606.08	14541.99654	0.05974	0.06198	0.57699	0.54977	0.03499	0.03447	3.66E-04	1.50E-05	1.58E-05	2.35E-04	2.23E-04	5.11E-06	5.02E-06	8.5449E-04
607614.41	4201023.63	20144.20557	0.61434	0.66899	0.19146	0.173	0.03418	0.03394	5.07E-04	1.54E-04	1.70E-04	7.80E-05	7.02E-05	4.99E-06	4.95E-06	9.7922E-04
607614.41	4201040.15	19955.87823	0.57282	0.62566	0.20905	0.18925	0.03446	0.03421	5.02E-04	1.44E-04	1.59E-04	8.51E-05	7.68E-05	5.03E-06	4.99E-06	9.6679E-04
607614.41	4201056.67	19768.30098	0.53321	0.5838	0.22657	0.20561	0.03472	0.03445	4.97E-04	1.34E-04	1.49E-04	9.23E-05	8.34E-05	5.07E-06	5.02E-06	9.5524E-04
607614.41	4201073.19	19581.10139	0.49558	0.54357	0.24375	0.22184	0.03497	0.03468	4.92E-04	1.24E-04	1.38E-04	9.93E-05	9.00E-05	5.11E-06	5.05E-06	9.4443E-04
607614.41	4201089.71	19394.40461	0.46001	0.50511	0.26035	0.23775	0.03519	0.03489	4.88E-04	1.16E-04	1.29E-04	1.06E-04	9.64E-05	5.14E-06	5.09E-06	9.3423E-04
607614.41	4201106.23	19209.2604	0.42657	0.46859	0.27621	0.25315	0.0354	0.03509	4.83E-04	1.07E-04	1.19E-04	1.13E-04	1.03E-04	5.17E-06	5.11E-06	9.2460E-04
607615.67	4201566.48	14896.07673	0.06754	0.07031	0.54952	0.52576	0.03531	0.03479	3.75E-04	1.70E-05	1.79E-05	2.24E-04	2.13E-04	5.16E-06	5.07E-06	8.4654E-04
607618.06	4201676.37	13865.7466	0.04953	0.05111	0.55898	0.53174	0.03402	0.03351	3.49E-04	1.24E-05	1.30E-05	2.28E-04	2.16E-04	4.97E-06	4.88E-06	8.1750E-04
607620.62	4201625.88	14256.62321	0.05679	0.05882	0.54991	0.52417	0.03443	0.03392	3.59E-04	1.43E-05	1.50E-05	2.24E-04	2.13E-04	5.03E-06	4.94E-06	8.2435E-04
607623.86	4201478.54	15544.28673	0.08914	0.09364	0.48182	0.46411	0.0357	0.03519	3.91E-04	2.24E-05	2.38E-05	1.96E-04	1.88E-04	5.21E-06	5.13E-06	8.2162E-04
607628.27	4201709.56	13608.7644	0.04634	0.04773	0.53706	0.51165	0.03354	0.03305	3.42E-04	1.16E-05	1.21E-05	2.19E-04	2.08E-04	4.90E-06	4.82E-06	7.9230E-04
607631.24	4201526.31	15064.06802	0.07672	0.08015	0.49112	0.47174	0.03511	0.03461	3.79E-04	1.93E-05	2.04E-05	2.00E-04	1.91E-04	5.13E-06	5.04E-06	8.0987E-04
607631.85	4202348.62	9308.43381	0.01504	0.0152	0.3072	0.29627	0.02547	0.02512	2.34E-04	3.78E-06	3.87E-06	1.25E-04	1.20E-04	3.72E-06	3.66E-06	4.8703E-04
607631.85	4202398.62	8971.49696	0.01403	0.01417	0.2774	0.26861	0.02477	0.02444	2.26E-04	3.52E-06	3.61E-06	1.13E-04	1.09E-04	3.62E-06	3.56E-06	4.5468E-04
607631.85	4202448.62	8691.43455	0.01322	0.01334	0.2521	0.24508	0.0242	0.02388	2.19E-04	3.32E-06	3.39E-06	1.03E-04	9.94E-05	3.53E-06	3.48E-06	4.2738E-04
607631.85	4202498.62	8414.556	0.01247	0.01258	0.22784	0.2224	0.02366	0.02336	2.12E-04	3.13E-06	3.20E-06	9.28E-05	9.02E-05	3.46E-06	3.40E-06	4.0095E-04
607631.85	4202548.62	8145.14927	0.0118	0.0119	0.20493	0.20085	0.02316	0.02286	2.05E-04	2.96E-06	3.03E-06	8.35E-05	8.15E-05	3.38E-06	3.33E-06	3.7576E-04
607636.96	4201667.56	13772.82046	0.05147	0.05315	0.5105	0.48735	0.0335	0.03301	3.46E-04	1.29E-05	1.35E-05	2.08E-04	1.98E-04	4.89E-06	4.81E-06	7.7842E-04
607637.9	4201023.63	19654.64336	0.5602	0.60543	0.17813	0.16215	0.03358	0.03335	4.94E-04	1.41E-04	1.54E-04	7.26E-05	6.58E-05	4.90E-06	4.86E-06	9.2731E-04
607637.9	4201040.15	19476.12262	0.5237	0.5674	0.19297	0.176	0.03384	0.0336	4.90E-04	1.32E-04	1.44E-04	7.86E-05	7.14E-05	4.94E-06	4.90E-06	9.1564E-04
607637.9	4201056.67	19296.05512	0.489	0.53089	0.20769	0.18988	0.03409	0.03382	4.85E-04	1.23E-04	1.35E-04	8.46E-05	7.70E-05	4.98E-06	4.93E-06	9.0473E-04
607637.9	4201073.19	19117.19719	0.45612	0.49593	0.22212	0.20363	0.03432	0.03404	4.81E-04	1.15E-04	1.26E-04	9.05E-05	8.26E-05	5.01E-06	4.96E-06	8.9454E-04
607637.9	4201089.71	18939.1568	0.42503	0.46259	0.2361	0.2171	0.03453	0.03423	4.76E-04	1.07E-04	1.18E-04	9.62E-05	8.81E-05	5.04E-06	4.99E-06	8.8493E-04
607637.9	4201106.23	18761.84796	0.3958	0.43097	0.24951	0.23017	0.03472	0.03441	4.72E-04	9.94E-05	1.10E-04	1.02E-04	9.34E-05	5.07E-06	5.02E-06	8.7585E-04
607638.19	4201499.38	15197.39674	0.08359	0.08755	0.46192	0.44486	0.03506	0.03456	3.82E-04	2.10E-05	2.23E-05	1.88E-04	1.80E-04	5.12E-06	5.04E-06	7.9404E-04
607646.08	4201557.29	14643.89973	0.07035	0.07325	0.47058	0.45187	0.03436	0.03387	3.68E-04	1.77E-05	1.86E-05	1.92E-04	1.83E-04	5.02E-06	4.94E-06	7.7952E-04
607647.58	4201700.87	13520.08443	0.04802	0.04949	0.4909	0.46965	0.03304	0.03255	3.40E-04	1.21E-05	1.26E-05	2.00E-04	1.91E-04	4.82E-06	4.74E-06	7.5510E-04
607655.79	4201662.74	13653.5154	0.05286	0.0546	0.46878	0.44882	0.03298	0.0325	3.43E-04	1.33E-05	1.39E-05	1.91E-04	1.82E-04	4.82E-06	4.74E-06	7.4351E-04
607661.39	4201023.63	19186.41066	0.51503	0.55279	0.16628	0.15237	0.033	0.03277	4.82E-04	1.29E-04	1.41E-04	6.77E-05	6.18E-05	4.82E-06	4.78E-06	8.8200E-04
607661.39	4201040.15	19015.56452	0.48261	0.5191	0.17894	0.1643	0.03324	0.033	4.78E-04	1.21E-04	1.32E-04	7.29E-05	6.66E-05	4.85E-06	4.81E-06	8.7099E-04
607661.39	4201056.67	18844.9354	0.45185	0.48688	0.19147	0.17621	0.03347	0.03321	4.74E-04	1.13E-04	1.24E-04	7.80E-05	7.15E-05	4.89E-06	4.84E-06	8.6071E-04
607661.39	4201073.19	18673.36844	0.42275	0.45612	0.20377	0.18799	0.03369	0.03341	4.70E-04	1.06E-04	1.16E-04	8.30E-05	7.63E-05	4.92E-06	4.87E-06	8.5105E-04
607661.39	4201089.71	18502.21939	0.39528	0.42686	0.21569	0.19955	0.03388	0.03359	4.65E-04	9.93E-05	1.09E-04	8.79E-05	8.09E-05	4.95E-06	4.90E-06	8.4195E-04
607661.39	4201106.23	18332.30593	0.36942	0.39912	0.22717	0.21079	0.03406	0.03375	4.61E-04	9.28E-05	1.02E-04	9.25E-05	8.55E-05	4.97E-06	4.92E-06	8.3336E-04
607664.96	4201692.67	13432.45175	0.04954	0.05108	0.45433	0.43576	0.03258	0.03211	3.38E-04	1.24E-05	1.30E-05	1.85E-04	1.77E-04	4.76E-06	4.68E-06	7.2504E-04
607665.17	4201577.8	14234.25086	0.06681	0.06941	0.43833	0.42143	0.03348	0.033	3.58E-04	1.68E-05	1.77E-05	1.79E-04	1.71E-04	4.89E-06	4.81E-06	7.4187E-04
607665.17	4201609.62	13953.03496	0.06096	0.06317	0.44384	0.42607	0.03313	0.03266	3.51E-04	1.53E-05	1.61E-05	1.81E-04	1.73E-04	4.84E-06	4.76E-06	7.3587E-04
607672.95	4201521.22	14619.98649	0.07863	0.08205	0.4055	0.39103	0.03374	0.03327	3.68E-04	1.97E-05	2.09E-05	1.65E-04	1.59E-04	4.93E-06	4.85E-06	7.3205E-04
607675.07	4201495.76	14783.56622	0.08486	0.08874	0.39217	0.37866	0.03384	0.03337	3.72E-04	2.13E-05	2.26E-05	1.60E-04	1.54E-04	4.94E-06	4.86E-06	7.2899E-04
607675.1	4201657.91	13525.15566	0.05414	0.05592	0.4314	0.41412	0.03244	0.03198	3.40E-04	1.36E-05	1.42E-05	1.76E-04	1.68E-04	4.74E-06	4.66E-06	7.1164E-04
607681.85	4202348.62	9143.73827	0.01551	0.01568	0.26397	0.25567	0.02447	0.02415	2.30E-04	3.90E-06	3.99E-06	1.08E-04	1.04E-04	3.57E-06	3.52E-06	4.4905E-04
607681.85	4202398.62	8839.12508	0.01448	0.01463	0.24119	0.23434	0.02384	0.02353	2.22E-04	3.64E-06	3.72E-06	9.82E-05	9.51E-05	3.48E-06	3.43E-06	4.2293E-04
607681.85	4202448.62	8566.27377	0.01361	0.01374	0.22033	0.21481	0.02329	0.02299	2.15E-04	3.42E-06	3.50E-06	8.97E-05	8.71E-05	3.40E-06	3.35E-06	3.9921E-04
607681.85	4202498.62	8301.94425	0.01282	0.01294	0.20037	0.19603	0.02278	0.0225	2.09E-04	3.22E-06	3.29E-06	8.16E-05	7.95E-05	3.33E-06	3.28E-06	3.7641E-04
607681.85	4202548.62	8043.38535	0.01211	0.01222	0.18128	0.17798	0.02231	0.02203	2.02E-04	3.04E-06	3.11E-06	7.38E-05	7.22E-05	3.26E-06	3.21E-06	3.5445E-04
607682.14	4201602.55	13841.66935	0.06253	0.06481	0.41174	0.3961	0.03267	0.0322	3.48E-04	1.57E-05	1.65E-05	1.68E-04	1.61E-04	4.77E-06	4.69E-06	7.0865E-04
607684.88	4201023.63	18737.6168	0.47667	0.50845	0.15574	0.14356	0.03243	0.0322	4.71E-04	1.20E-04	1.29E-04	6.34E-05	5.82E-05	4.74E-06	4.69E-06	8.4193E-04
607684.88	4201040.15	18575.06421	0.4476	0.47835	0.16666	0.15391	0.03266	0.03241	4.67E-04	1.12E-04	1.22E-04	6.79E-05	6.24E-05	4.77E-06	4.72E-06	8.3153E-04
607684.88	4201056.67	18410.82404	0.4201	0.44965	0.17745	0.16424	0.03287	0.03261	4.63E-04	1.06E-04	1.14E-04	7.23E-05	6.66E-05	4.80E-06	4.75E-06	8.2178E-04
607684.88	4201073.19	18247.41936	0.3941	0.42233	0.18803	0.17445	0.03307	0.03279	4.59E-04	9.90E-05	1.07E-04	7.66E-05	7.08E-05	4.83E-06	4.78E-06	8.1264E-04
607684.88	4201089.71	18083.96519	0.36956	0.39637	0.19833	0.18447	0.03325	0.03296	4.55E-04	9.28E-05	1.01E-04	8.08E-05	7.48E-05	4.86E-06	4.80E-06	8.0402E-04
607684.88	4201106.23	17921.10094	0.34646	0.37177	0.20827	0.19423	0.03342	0.03311	4.51E-04	8.70E-05	9.46E-05	8.48E-05	7.88E-05	4.88E-06	4.83E-06	7.9588E-04
607687.16	4201688.32	13277.61049	0.05062	0.0522	0.41342	0.39764	0.03196	0.0315	3.34E-04	1.27E-05	1.33E-05	1.68E-04	1.61E-04	4.67E-06	4.59E-06	6.8958E-04
607689.92	4201541.02	14271.7297	0.07446	0.0775	0.38444	0.37112	0.03303	0.03256	3.59E-04	1.87E-05	1.97E-05	1.57E-04	1.51E-04	4.82E-06	4.75E-06	7.0444E-04
607691.99	4201650.19	13429.26199	0.0556	0.05745	0.4018	0.38653	0.032	0.03155	3.38E-04	1.40E-05	1.46E-05	1.64E-04	1.57E-04	4.67E-06	4.60E-06	6.8674E-04
607694.87	4201484.45	14633.6727	0.0877	0.0917	0.35837	0.34654	0.03328	0.03282	3.68E-04	2.20E-05	2.33E-05	1.46E-04	1.41E-04	4.86E-06	4.78E-06	6.9989E-04
607700.53	4201594.06	13723.12068	0.06424	0.06659	0.38076	0.36703	0.03218	0.03172	3.45E-04	1.61E-05	1.69E-05	1.55E-04	1.49E-04	4.70E-06	4.62E-06	6.8214E-04
607708.37	4201023.63	18307.11376	0.44363	0.47059	0.14633	0.1356	0.03187	0.03164	4.60E-04	1.11E-04	1.20E-04	5.96E-05	5.50E-05	4.65E-06	4.61E-06	8.0612E-04
607708.37	4201040.15	18151.30477	0.4174	0.4435	0.15583	0.14468	0.03209	0.03184	4.56E-04	1.05E-04	1.13E-04	6.35E-05	5.87E-05	4.69E-06	4.64E-06	7.9627E-04
607708.37	4201056.67	17994.72307	0.3926	0.41773	0.16521	0.15371	0.03228	0.03202	4.53E-04	9.86E-05	1.06E-04	6.73E-05	6.24E-05	4.71E-06	4.67E-06	7.8703E-04
607708.4	4201680.6	13138.35892	0.05203	0.05367	0.37998	0.36634	0.03138	0.03094	3.30E-04	1.31E-05	1.37E-05	1.55E-04	1.49E-04	4.58E-06	4.51E-06	6.6049E-04
607715.16	4201646.81	13253.24981	0.0565	0.05837	0.36694	0.35388	0.03137	0.03093	3.33E-04	1.42E-05	1.49E-05	1.49E-04	1.44E-04	4.58E-06	4.51E-06	6.5533E-04
607715.38	4201481.62	14412.42135	0.08816	0.09211	0.33082	0.32029	0.03264	0.0322	3.62E-04	2.21E-05	2.34E-05	1.35E-04	1.30E-04	4.77E-06	4.69E-06	6.7267E-04
607716.09	4201541.02	13973.43144	0.07448	0.07745	0.34788	0.33641	0.03218	0.03174	3.51E-04	1.87E-05	1.97E-05	1.42E-04	1.36E-04	4.70E-06	4.63E-06	6.6796E-04
607720.33	4201594.77	13522.65597	0.06426	0.06657	0.35278	0.34061	0.03157	0.03113	3.40E-04	1.61E-05	1.69E-05	1.44E-04	1.38E-04	4.61E-06	4.54E-06	6.5499E-04
607731.85	4202348.62	8983.89604	0.01595	0.01614	0.2295	0.22304	0.02354	0.02323	2.26E-04	4.01E-06	4.11E-06	9.35E-05	9.05E-05	3.44E-06	3.39E-06	4.1798E-04
607731.85	4202398.62	8709.38719	0.01492	0.01508	0.21168	0.20626	0.02297	0.02268	2.19E-04	3.75E-06	3.84E-06	8.62E-05	8.37E-05	3.35E-06	3.31E-06	3.9649E-04
607731.85	4202448.62	8443.65914	0.01399	0.01413	0.19428	0.18986	0.02244	0.02217	2.12E-04	3.51E-06	3.60E-06	7.91E-05	7.70E-05	3.28E-06	3.23E-06	3.7559E-04
607731.85	4202498.62	8186.40899	0.01316	0.01328	0.17752	0.17401	0.02195	0.02169	2.06E-04	3.31E-06	3.38E-06	7.23E-05	7.06E-05	3.21E-06	3.16E-06	3.5544E-04
607731.85	4202548.62	7941.50284	0.01242	0.01253	0.16164	0.15893	0.02151	0.02125	2.00E-04	3.12E-06	3.19E-06	6.58E-05	6.45E-05	3.14E-06	3.10E-06	3.3632E-04
607733.02	4201646.81	13100.18909	0.05671	0.05857	0.34346	0.33177	0.03087	0.03044	3.29E-04	1.42E-05	1.49E-05	1.40E-04	1.35E-04	4.51E-06	4.44E-06	6.3305E-04
607733.02	4201674.32	12962.52527	0.05316	0.05483	0.34631	0.33464	0.03072	0.0303	3.26E-04	1.34E-05	1.40E-05	1.41E-04	1.36E-04	4.49E-06	4.42E-06	6.3007E-04
607737.3	4201483.03	14146.2505	0.08741	0.09119	0.3065	0.29707	0.03195	0.03152	3.56E-04	2.20E-05	2.32E-05	1.25E-04	1.21E-04	4.67E-06	4.59E-06	6.4623E-04
607748.62	4201581.33	13338.07947	0.06653	0.06892	0.31648	0.30627	0.03086	0.03044	3.35E-04	1.67E-05	1.75E-05	1.29E-04	1.24E-04	4.51E-06	4.44E-06	6.2280E-04
607751.45	4201596.89	13213.2842	0.06395	0.06618	0.31556	0.30536	0.03067	0.03025	3.32E-04	1.61E-05	1.68E-05	1.29E-04	1.24E-04	4.48E-06	4.41E-06	6.1757E-04
607754.26	4201674.32	12784.42141	0.05333	0.05497	0.32126	0.311	0.03014	0.02973	3.21E-04	1.34E-05	1.40E-05	1.31E-04	1.26E-04	4.40E-06	4.33E-06	6.0588E-04
607754.74	4201641.98	12941.14099	0.0575	0.05936	0.31764	0.3074	0.03031	0.02989	3.25E-04	1.44E-05	1.51E-05	1.29E-04	1.25E-04	4.43E-06	4.36E-06	6.0905E-04
607756.4	4201533.95	13582.73233	0.07544	0.07836	0.2999	0.29061	0.03101	0.03059	3.42E-04	1.89E-05	1.99E-05	1.22E-04	1.18E-04	4.53E-06	4.46E-06	6.2048E-04
607756.4	4201557.99	13419.14832	0.0707	0.07332	0.30445	0.29491	0.03082	0.0304	3.37E-04	1.78E-05	1.87E-05	1.24E-04	1.20E-04	4.50E-06	4.43E-06	6.1749E-04
607759.93	4201485.86	13864.37634	0.08611	0.0897	0.28518	0.27661	0.03124	0.03082	3.49E-04	2.16E-05	2.28E-05	1.16E-04	1.12E-04	4.56E-06	4.49E-06	6.2146E-04
607825.82	4201172.31	15255.79173	0.20523	0.2144	0.15671	0.15023	0.03015	0.02983	3.84E-04	5.15E-05	5.45E-05	6.38E-05	6.09E-05	4.40E-06	4.35E-06	6.1450E-04
607825.82	4201188.83	15131.92562	0.19517	0.20388	0.16121	0.15478	0.03019	0.02987	3.81E-04	4.90E-05	5.19E-05	6.57E-05	6.28E-05	4.41E-06	4.35E-06	6.0986E-04
607825.82	4201205.35	15009.02746	0.1857	0.19395	0.16561	0.15926	0.03021	0.02989	3.77E-04	4.66E-05	4.93E-05	6.75E-05	6.46E-05	4.41E-06	4.36E-06	6.0547E-04
607825.82	4201221.87	14887.79404	0.17676	0.18457	0.16995	0.16366	0.03023	0.0299	3.74E-04	4.44E-05	4.70E-05	6.92E-05	6.64E-05	4.41E-06	4.36E-06	6.0134E-04
607825.82	4201238.39	14767.40126	0.16833	0.17572	0.17423	0.168	0.03024	0.0299	3.71E-04	4.23E-05	4.47E-05	7.10E-05	6.81E-05	4.42E-06	4.36E-06	5.9745E-04
607849.31	4201172.31	14958.63416	0.19737	0.20557	0.14763	0.14181	0.02957	0.02927	3.76E-04	4.96E-05	5.23E-05	6.01E-05	5.75E-05	4.32E-06	4.27E-06	5.9569E-04
607849.31	4201188.83	14838.40092	0.188	0.1958	0.1518	0.14602	0.02961	0.02929	3.73E-04	4.72E-05	4.98E-05	6.18E-05	5.92E-05	4.32E-06	4.27E-06	5.9123E-04
607849.31	4201205.35	14718.39467	0.17915	0.18656	0.15589	0.15015	0.02963	0.02931	3.70E-04	4.50E-05	4.75E-05	6.35E-05	6.09E-05	4.33E-06	4.27E-06	5.8698E-04
607849.31	4201221.87	14600.94745	0.1708	0.17783	0.15992	0.15423	0.02964	0.02931	3.67E-04	4.29E-05	4.52E-05	6.51E-05	6.26E-05	4.33E-06	4.27E-06	5.8301E-04
607849.31	4201238.39	14485.47352	0.16291	0.16958	0.16389	0.15824	0.02964	0.02931	3.64E-04	4.09E-05	4.31E-05	6.68E-05	6.42E-05	4.33E-06	4.27E-06	5.7927E-04
607872.8	4201172.31	14672.06969	0.19005	0.1974	0.1395	0.13425	0.02902	0.02872	3.69E-04	4.77E-05	5.02E-05	5.68E-05	5.45E-05	4.24E-06	4.19E-06	5.7819E-04
607872.8	4201188.83	14555.44805	0.1813	0.18831	0.14336	0.13815	0.02904	0.02874	3.66E-04	4.55E-05	4.79E-05	5.84E-05	5.60E-05	4.24E-06	4.19E-06	5.7390E-04
607872.8	4201205.35	14439.51054	0.17302	0.17969	0.14716	0.14198	0.02906	0.02875	3.63E-04	4.35E-05	4.57E-05	5.99E-05	5.76E-05	4.24E-06	4.19E-06	5.6981E-04
607872.8	4201221.87	14325.0665	0.16519	0.17154	0.1509	0.14576	0.02907	0.02875	3.60E-04	4.15E-05	4.36E-05	6.15E-05	5.91E-05	4.25E-06	4.19E-06	5.6595E-04
607872.8	4201238.39	14212.23006	0.15778	0.16382	0.15458	0.14948	0.02906	0.02874	3.57E-04	3.96E-05	4.17E-05	6.30E-05	6.06E-05	4.24E-06	4.19E-06	5.6230E-04
608186.19	4200733.55	13227.86836	0.26362	0.26706	0.03408	0.03283	0.02086	0.02079	3.33E-04	6.62E-05	6.79E-05	1.39E-05	1.33E-05	3.05E-06	3.03E-06	4.9399E-04
608186.19	4200741.15	13207.6026	0.2604	0.26385	0.03479	0.03351	0.02094	0.02086	3.32E-04	6.54E-05	6.71E-05	1.42E-05	1.36E-05	3.06E-06	3.04E-06	4.9242E-04
608186.19	4200748.75	13187.72766	0.25719	0.26065	0.0355	0.03421	0.02102	0.02094	3.32E-04	6.46E-05	6.63E-05	1.45E-05	1.39E-05	3.07E-06	3.05E-06	4.9087E-04
608186.19	4200756.35	13167.79376	0.254	0.25746	0.03623	0.03491	0.02109	0.02101	3.31E-04	6.38E-05	6.55E-05	1.48E-05	1.42E-05	3.08E-06	3.06E-06	4.8934E-04
608186.19	4200763.95	13147.73209	0.25081	0.25428	0.03696	0.03562	0.02117	0.02108	3.31E-04	6.30E-05	6.47E-05	1.51E-05	1.44E-05	3.09E-06	3.07E-06	4.8781E-04
608186.19	4200771.55	13127.31442	0.24763	0.25111	0.0377	0.03634	0.02124	0.02115	3.30E-04	6.22E-05	6.39E-05	1.54E-05	1.47E-05	3.10E-06	3.08E-06	4.8629E-04
608186.19	4200779.15	13106.50739	0.24446	0.24794	0.03845	0.03706	0.02131	0.02122	3.30E-04	6.14E-05	6.31E-05	1.57E-05	1.50E-05	3.11E-06	3.09E-06	4.8476E-04
608186.19	4200786.75	13085.48383	0.24131	0.2448	0.0392	0.03779	0.02138	0.02129	3.29E-04	6.06E-05	6.23E-05	1.60E-05	1.53E-05	3.12E-06	3.10E-06	4.8324E-04
608186.19	4200794.35	13064.55072	0.23818	0.24167	0.03996	0.03853	0.02145	0.02135	3.29E-04	5.98E-05	6.15E-05	1.63E-05	1.56E-05	3.13E-06	3.11E-06	4.8174E-04
608186.19	4200801.95	13043.72467	0.23508	0.23856	0.04072	0.03928	0.02152	0.02142	3.28E-04	5.90E-05	6.07E-05	1.66E-05	1.59E-05	3.14E-06	3.12E-06	4.8026E-04
608186.19	4200809.55	13022.5124	0.23199	0.23547	0.0415	0.04003	0.02159	0.02148	3.27E-04	5.83E-05	5.99E-05	1.69E-05	1.62E-05	3.15E-06	3.13E-06	4.7879E-04
608186.19	4200817.15	13001.0077	0.22892	0.2324	0.04227	0.04079	0.02165	0.02154	3.27E-04	5.75E-05	5.91E-05	1.72E-05	1.65E-05	3.16E-06	3.14E-06	4.7732E-04
608186.19	4200824.75	12979.08833	0.22588	0.22936	0.04306	0.04155	0.02171	0.0216	3.26E-04	5.67E-05	5.84E-05	1.75E-05	1.69E-05	3.17E-06	3.15E-06	4.7586E-04
608186.19	4200832.35	12956.9739	0.22286	0.22633	0.04384	0.04232	0.02177	0.02166	3.26E-04	5.60E-05	5.76E-05	1.79E-05	1.72E-05	3.18E-06	3.16E-06	4.7440E-04
608186.19	4200839.95	12934.56233	0.21987	0.22333	0.04463	0.0431	0.02183	0.02172	3.25E-04	5.52E-05	5.68E-05	1.82E-05	1.75E-05	3.19E-06	3.17E-06	4.7296E-04
608186.19	4200847.55	12911.89469	0.21691	0.22036	0.04542	0.04387	0.02189	0.02177	3.25E-04	5.45E-05	5.61E-05	1.85E-05	1.78E-05	3.20E-06	3.17E-06	4.7153E-04
608186.19	4200855.15	12888.82463	0.21397	0.21741	0.04622	0.04465	0.02195	0.02183	3.24E-04	5.37E-05	5.53E-05	1.88E-05	1.81E-05	3.21E-06	3.18E-06	4.7010E-04
608186.19	4200862.75	12865.39663	0.21106	0.21449	0.04702	0.04544	0.022	0.02188	3.24E-04	5.30E-05	5.46E-05	1.92E-05	1.84E-05	3.21E-06	3.19E-06	4.6869E-04
608186.19	4200870.35	12841.66739	0.20818	0.2116	0.04782	0.04623	0.02206	0.02193	3.23E-04	5.23E-05	5.38E-05	1.95E-05	1.88E-05	3.22E-06	3.20E-06	4.6728E-04
608193.06	4200733.55	13157.31124	0.25862	0.26198	0.03401	0.03278	0.02079	0.02072	3.31E-04	6.50E-05	6.67E-05	1.39E-05	1.33E-05	3.04E-06	3.02E-06	4.8962E-04
608193.06	4200741.15	13137.48008	0.25551	0.25888	0.03471	0.03345	0.02087	0.02079	3.30E-04	6.42E-05	6.59E-05	1.41E-05	1.36E-05	3.05E-06	3.03E-06	4.8811E-04
608193.06	4200748.75	13117.51548	0.2524	0.25578	0.03542	0.03414	0.02095	0.02087	3.30E-04	6.34E-05	6.51E-05	1.44E-05	1.38E-05	3.06E-06	3.04E-06	4.8660E-04
608193.06	4200756.35	13097.70672	0.2493	0.25269	0.03613	0.03483	0.02102	0.02094	3.29E-04	6.26E-05	6.43E-05	1.47E-05	1.41E-05	3.07E-06	3.05E-06	4.8511E-04
608193.06	4200763.95	13077.97015	0.24621	0.2496	0.03686	0.03553	0.02109	0.02101	3.29E-04	6.18E-05	6.35E-05	1.50E-05	1.44E-05	3.08E-06	3.06E-06	4.8363E-04
608193.06	4200771.55	13057.98157	0.24313	0.24653	0.03759	0.03624	0.02117	0.02108	3.28E-04	6.11E-05	6.27E-05	1.53E-05	1.47E-05	3.09E-06	3.07E-06	4.8216E-04
608193.06	4200779.15	13037.41562	0.24007	0.24347	0.03833	0.03696	0.02124	0.02114	3.28E-04	6.03E-05	6.19E-05	1.56E-05	1.50E-05	3.10E-06	3.08E-06	4.8069E-04
608193.06	4200786.75	13016.63096	0.23701	0.24041	0.03907	0.03768	0.02131	0.02121	3.27E-04	5.95E-05	6.12E-05	1.59E-05	1.53E-05	3.11E-06	3.09E-06	4.7921E-04
608193.06	4200794.35	12995.93646	0.23397	0.23738	0.03982	0.03841	0.02137	0.02128	3.27E-04	5.88E-05	6.04E-05	1.62E-05	1.56E-05	3.12E-06	3.10E-06	4.7776E-04
608193.06	4200801.95	12975.03374	0.23096	0.23436	0.04058	0.03915	0.02144	0.02134	3.26E-04	5.80E-05	5.96E-05	1.65E-05	1.59E-05	3.13E-06	3.11E-06	4.7632E-04
608193.06	4200809.55	12953.86024	0.22796	0.23136	0.04134	0.03989	0.02151	0.0214	3.26E-04	5.73E-05	5.89E-05	1.68E-05	1.62E-05	3.14E-06	3.12E-06	4.7488E-04
608193.06	4200817.15	12932.60933	0.22498	0.22838	0.0421	0.04064	0.02157	0.02146	3.25E-04	5.65E-05	5.81E-05	1.71E-05	1.65E-05	3.15E-06	3.13E-06	4.7345E-04
608193.06	4200824.75	12911.24853	0.22203	0.22543	0.04287	0.04139	0.02163	0.02152	3.25E-04	5.58E-05	5.74E-05	1.75E-05	1.68E-05	3.16E-06	3.14E-06	4.7204E-04
608193.06	4200832.35	12889.58465	0.2191	0.22249	0.04365	0.04215	0.02169	0.02158	3.24E-04	5.50E-05	5.66E-05	1.78E-05	1.71E-05	3.17E-06	3.15E-06	4.7064E-04
608193.06	4200839.95	12867.43578	0.21619	0.21958	0.04442	0.04291	0.02175	0.02163	3.24E-04	5.43E-05	5.59E-05	1.81E-05	1.74E-05	3.18E-06	3.15E-06	4.6923E-04
608193.06	4200847.55	12845.0281	0.21331	0.21669	0.04521	0.04368	0.02181	0.02169	3.23E-04	5.36E-05	5.51E-05	1.84E-05	1.77E-05	3.19E-06	3.16E-06	4.6785E-04
608193.06	4200855.15	12822.23822	0.21046	0.21382	0.04599	0.04445	0.02186	0.02174	3.22E-04	5.29E-05	5.44E-05	1.87E-05	1.80E-05	3.19E-06	3.17E-06	4.6646E-04
608193.06	4200862.75	12799.06652	0.20763	0.21098	0.04678	0.04522	0.02192	0.02179	3.22E-04	5.21E-05	5.37E-05	1.91E-05	1.83E-05	3.20E-06	3.18E-06	4.6508E-04
608193.06	4200870.35	12775.7131	0.20483	0.20817	0.04757	0.046	0.02197	0.02184	3.21E-04	5.14E-05	5.30E-05	1.94E-05	1.87E-05	3.21E-06	3.18E-06	4.6371E-04
608199.93	4200733.55	13087.42709	0.25375	0.25703	0.03394	0.03273	0.02072	0.02065	3.29E-04	6.37E-05	6.54E-05	1.38E-05	1.33E-05	3.03E-06	3.01E-06	4.8533E-04
608199.93	4200741.15	13067.92661	0.25074	0.25403	0.03464	0.0334	0.0208	0.02072	3.29E-04	6.30E-05	6.46E-05	1.41E-05	1.35E-05	3.04E-06	3.02E-06	4.8388E-04
608199.93	4200748.75	13048.07749	0.24773	0.25103	0.03533	0.03407	0.02087	0.02079	3.28E-04	6.22E-05	6.39E-05	1.44E-05	1.38E-05	3.05E-06	3.03E-06	4.8241E-04
608199.93	4200756.35	13028.50168	0.24473	0.24804	0.03604	0.03476	0.02095	0.02086	3.28E-04	6.15E-05	6.31E-05	1.47E-05	1.41E-05	3.06E-06	3.04E-06	4.8097E-04
608199.93	4200763.95	13009.08419	0.24174	0.24505	0.03676	0.03545	0.02102	0.02093	3.27E-04	6.07E-05	6.23E-05	1.50E-05	1.44E-05	3.07E-06	3.05E-06	4.7955E-04
608199.93	4200771.55	12989.31537	0.23875	0.24207	0.03748	0.03615	0.02109	0.021	3.27E-04	6.00E-05	6.16E-05	1.53E-05	1.47E-05	3.08E-06	3.06E-06	4.7812E-04
608199.93	4200779.15	12968.98376	0.23578	0.2391	0.03821	0.03685	0.02116	0.02107	3.26E-04	5.92E-05	6.08E-05	1.56E-05	1.49E-05	3.09E-06	3.07E-06	4.7669E-04
608199.93	4200786.75	12948.53374	0.23282	0.23614	0.03894	0.03757	0.02123	0.02113	3.26E-04	5.85E-05	6.01E-05	1.59E-05	1.52E-05	3.10E-06	3.08E-06	4.7527E-04
608199.93	4200794.35	12927.96977	0.22987	0.2332	0.03968	0.03829	0.0213	0.0212	3.25E-04	5.77E-05	5.93E-05	1.62E-05	1.55E-05	3.11E-06	3.09E-06	4.7385E-04
608199.93	4200801.95	12907.19952	0.22694	0.23027	0.04042	0.03902	0.02136	0.02126	3.25E-04	5.70E-05	5.86E-05	1.65E-05	1.58E-05	3.12E-06	3.10E-06	4.7245E-04
608199.93	4200809.55	12886.17044	0.22402	0.22735	0.04117	0.03975	0.02143	0.02132	3.24E-04	5.63E-05	5.78E-05	1.68E-05	1.61E-05	3.13E-06	3.11E-06	4.7104E-04
608199.93	4200817.15	12865.06477	0.22113	0.22446	0.04193	0.04049	0.02149	0.02138	3.24E-04	5.55E-05	5.71E-05	1.71E-05	1.64E-05	3.14E-06	3.12E-06	4.6966E-04
608199.93	4200824.75	12843.84008	0.21827	0.22159	0.04269	0.04123	0.02155	0.02144	3.23E-04	5.48E-05	5.64E-05	1.74E-05	1.67E-05	3.15E-06	3.12E-06	4.6829E-04
608199.93	4200832.35	12822.62254	0.21543	0.21874	0.04345	0.04198	0.02161	0.02149	3.22E-04	5.41E-05	5.57E-05	1.77E-05	1.70E-05	3.16E-06	3.13E-06	4.6693E-04
608199.93	4200839.95	12800.83616	0.2126	0.21591	0.04422	0.04273	0.02167	0.02155	3.22E-04	5.34E-05	5.49E-05	1.80E-05	1.73E-05	3.16E-06	3.14E-06	4.6557E-04
608199.93	4200847.55	12778.792	0.2098	0.2131	0.04499	0.04348	0.02172	0.0216	3.21E-04	5.27E-05	5.42E-05	1.83E-05	1.76E-05	3.17E-06	3.15E-06	4.6422E-04
608199.93	4200855.15	12756.27365	0.20703	0.21031	0.04576	0.04424	0.02178	0.02165	3.21E-04	5.20E-05	5.35E-05	1.86E-05	1.79E-05	3.18E-06	3.16E-06	4.6287E-04
608199.93	4200862.75	12733.35961	0.20428	0.20755	0.04654	0.045	0.02183	0.0217	3.20E-04	5.13E-05	5.28E-05	1.90E-05	1.83E-05	3.19E-06	3.16E-06	4.6152E-04
608199.93	4200870.35	12710.26844	0.20155	0.20482	0.04732	0.04577	0.02188	0.02175	3.20E-04	5.06E-05	5.21E-05	1.93E-05	1.86E-05	3.20E-06	3.17E-06	4.6019E-04
608206.8	4200733.55	13018.21097	0.24901	0.25222	0.03388	0.03267	0.02065	0.02058	3.27E-04	6.25E-05	6.42E-05	1.38E-05	1.33E-05	3.02E-06	3.00E-06	4.8113E-04
608206.8	4200741.15	12999.03498	0.2461	0.24932	0.03456	0.03333	0.02073	0.02065	3.27E-04	6.18E-05	6.34E-05	1.41E-05	1.35E-05	3.03E-06	3.01E-06	4.7972E-04
608206.8	4200748.75	12979.49821	0.24318	0.24641	0.03525	0.034	0.0208	0.02072	3.26E-04	6.11E-05	6.27E-05	1.44E-05	1.38E-05	3.04E-06	3.02E-06	4.7831E-04
608206.8	4200756.35	12959.94834	0.24027	0.24351	0.03595	0.03468	0.02088	0.02079	3.26E-04	6.03E-05	6.20E-05	1.46E-05	1.41E-05	3.05E-06	3.03E-06	4.7691E-04
608206.8	4200763.95	12940.6424	0.23737	0.24061	0.03665	0.03536	0.02095	0.02086	3.25E-04	5.96E-05	6.12E-05	1.49E-05	1.43E-05	3.06E-06	3.04E-06	4.7552E-04
608206.8	4200771.55	12921.19893	0.23448	0.23773	0.03737	0.03606	0.02102	0.02093	3.25E-04	5.89E-05	6.05E-05	1.52E-05	1.46E-05	3.07E-06	3.05E-06	4.7415E-04
608206.8	4200779.15	12901.20277	0.2316	0.23485	0.03808	0.03676	0.02109	0.02099	3.24E-04	5.82E-05	5.98E-05	1.55E-05	1.49E-05	3.08E-06	3.06E-06	4.7276E-04
608206.8	4200786.75	12880.98223	0.22872	0.23197	0.03881	0.03746	0.02115	0.02106	3.24E-04	5.74E-05	5.90E-05	1.58E-05	1.52E-05	3.09E-06	3.07E-06	4.7138E-04
608206.8	4200794.35	12860.64545	0.22586	0.22912	0.03954	0.03817	0.02122	0.02112	3.23E-04	5.67E-05	5.83E-05	1.61E-05	1.55E-05	3.10E-06	3.08E-06	4.7001E-04
608206.8	4200801.95	12840.10502	0.22302	0.22627	0.04027	0.03889	0.02128	0.02118	3.23E-04	5.60E-05	5.76E-05	1.64E-05	1.58E-05	3.11E-06	3.09E-06	4.6864E-04
608206.8	4200809.55	12819.42065	0.22019	0.22344	0.04101	0.03961	0.02135	0.02124	3.22E-04	5.53E-05	5.68E-05	1.67E-05	1.61E-05	3.12E-06	3.10E-06	4.6729E-04
608206.8	4200817.15	12798.45715	0.21738	0.22063	0.04176	0.04034	0.02141	0.0213	3.22E-04	5.46E-05	5.61E-05	1.70E-05	1.64E-05	3.13E-06	3.10E-06	4.6594E-04
608206.8	4200824.75	12777.16387	0.21459	0.21784	0.04251	0.04107	0.02147	0.02136	3.21E-04	5.39E-05	5.54E-05	1.73E-05	1.67E-05	3.14E-06	3.11E-06	4.6460E-04
608206.8	4200832.35	12756.08019	0.21183	0.21507	0.04326	0.0418	0.02153	0.02141	3.21E-04	5.32E-05	5.47E-05	1.76E-05	1.70E-05	3.14E-06	3.12E-06	4.6327E-04
608206.8	4200839.95	12734.85497	0.20909	0.21232	0.04401	0.04254	0.02158	0.02147	3.20E-04	5.25E-05	5.40E-05	1.79E-05	1.73E-05	3.15E-06	3.13E-06	4.6195E-04
608206.8	4200847.55	12713.17351	0.20637	0.20959	0.04477	0.04329	0.02164	0.02152	3.20E-04	5.18E-05	5.33E-05	1.82E-05	1.76E-05	3.16E-06	3.14E-06	4.6064E-04
608206.8	4200855.15	12690.92045	0.20367	0.20688	0.04554	0.04404	0.02169	0.02157	3.19E-04	5.12E-05	5.26E-05	1.85E-05	1.79E-05	3.17E-06	3.14E-06	4.5934E-04
608206.8	4200862.75	12668.2602	0.201	0.2042	0.0463	0.04479	0.02175	0.02162	3.19E-04	5.05E-05	5.20E-05	1.89E-05	1.82E-05	3.18E-06	3.15E-06	4.5803E-04
608206.8	4200870.35	12645.42899	0.19835	0.20154	0.04707	0.04554	0.0218	0.02167	3.18E-04	4.98E-05	5.13E-05	1.92E-05	1.85E-05	3.18E-06	3.16E-06	4.5673E-04
608213.67	4200733.55	12949.75901	0.2444	0.24754	0.03381	0.03261	0.02058	0.02051	3.26E-04	6.14E-05	6.30E-05	1.38E-05	1.32E-05	3.01E-06	2.99E-06	4.7700E-04
608213.67	4200741.15	12930.90187	0.24158	0.24473	0.03448	0.03327	0.02066	0.02058	3.25E-04	6.07E-05	6.23E-05	1.40E-05	1.35E-05	3.02E-06	3.00E-06	4.7565E-04
608213.67	4200748.75	12911.47049	0.23875	0.24191	0.03516	0.03393	0.02073	0.02065	3.25E-04	6.00E-05	6.15E-05	1.43E-05	1.38E-05	3.03E-06	3.01E-06	4.7427E-04
608213.67	4200756.35	12892.04082	0.23593	0.23909	0.03585	0.0346	0.0208	0.02072	3.24E-04	5.93E-05	6.08E-05	1.46E-05	1.40E-05	3.04E-06	3.02E-06	4.7291E-04
608213.67	4200763.95	12872.7428	0.23312	0.23629	0.03655	0.03528	0.02087	0.02079	3.24E-04	5.85E-05	6.01E-05	1.49E-05	1.43E-05	3.05E-06	3.03E-06	4.7157E-04
608213.67	4200771.55	12853.516	0.23032	0.23349	0.03725	0.03596	0.02094	0.02085	3.23E-04	5.78E-05	5.94E-05	1.52E-05	1.46E-05	3.06E-06	3.04E-06	4.7023E-04
608213.67	4200779.15	12833.85394	0.22752	0.23069	0.03796	0.03665	0.02101	0.02092	3.23E-04	5.71E-05	5.87E-05	1.55E-05	1.49E-05	3.07E-06	3.05E-06	4.6889E-04
608213.67	4200786.75	12813.96486	0.22473	0.22791	0.03868	0.03735	0.02108	0.02098	3.22E-04	5.64E-05	5.80E-05	1.58E-05	1.52E-05	3.08E-06	3.06E-06	4.6756E-04
608213.67	4200794.35	12793.95648	0.22196	0.22514	0.0394	0.03805	0.02114	0.02104	3.22E-04	5.57E-05	5.73E-05	1.60E-05	1.54E-05	3.09E-06	3.07E-06	4.6623E-04
608213.67	4200801.95	12773.6417	0.2192	0.22237	0.04012	0.03876	0.02121	0.0211	3.21E-04	5.51E-05	5.66E-05	1.63E-05	1.57E-05	3.10E-06	3.08E-06	4.6491E-04
608213.67	4200809.55	12753.19399	0.21645	0.21963	0.04085	0.03947	0.02127	0.02116	3.21E-04	5.44E-05	5.59E-05	1.66E-05	1.60E-05	3.11E-06	3.08E-06	4.6359E-04
608213.67	4200817.15	12732.46741	0.21372	0.2169	0.04159	0.04019	0.02133	0.02122	3.20E-04	5.37E-05	5.52E-05	1.69E-05	1.63E-05	3.11E-06	3.09E-06	4.6228E-04
608213.67	4200824.75	12711.41282	0.21101	0.21418	0.04232	0.04091	0.02139	0.02127	3.20E-04	5.30E-05	5.45E-05	1.72E-05	1.66E-05	3.12E-06	3.10E-06	4.6097E-04
608213.67	4200832.35	12690.2553	0.20832	0.21149	0.04307	0.04164	0.02144	0.02133	3.19E-04	5.23E-05	5.38E-05	1.75E-05	1.69E-05	3.13E-06	3.11E-06	4.5968E-04
608213.67	4200839.95	12669.3766	0.20566	0.20882	0.04381	0.04237	0.0215	0.02138	3.19E-04	5.17E-05	5.31E-05	1.78E-05	1.72E-05	3.14E-06	3.12E-06	4.5840E-04
608213.67	4200847.55	12648.16029	0.20302	0.20616	0.04456	0.0431	0.02156	0.02144	3.18E-04	5.10E-05	5.25E-05	1.81E-05	1.75E-05	3.15E-06	3.12E-06	4.5713E-04
608213.67	4200855.15	12626.16853	0.20039	0.20353	0.04531	0.04384	0.02161	0.02149	3.18E-04	5.03E-05	5.18E-05	1.85E-05	1.78E-05	3.16E-06	3.13E-06	4.5586E-04
608213.67	4200862.75	12603.76378	0.19779	0.20092	0.04606	0.04458	0.02166	0.02153	3.17E-04	4.97E-05	5.11E-05	1.88E-05	1.81E-05	3.16E-06	3.14E-06	4.5458E-04
608213.67	4200870.35	12581.18361	0.19521	0.19833	0.04682	0.04532	0.02171	0.02158	3.16E-04	4.90E-05	5.05E-05	1.91E-05	1.84E-05	3.17E-06	3.15E-06	4.5332E-04
608220.54	4200733.55	12881.95907	0.23991	0.24297	0.03373	0.03256	0.02052	0.02044	3.24E-04	6.03E-05	6.18E-05	1.37E-05	1.32E-05	3.00E-06	2.98E-06	4.7296E-04
608220.54	4200741.15	12863.31688	0.23718	0.24025	0.0344	0.0332	0.02059	0.02051	3.23E-04	5.96E-05	6.11E-05	1.40E-05	1.35E-05	3.01E-06	2.99E-06	4.7164E-04
608220.54	4200748.75	12844.19037	0.23444	0.23752	0.03508	0.03386	0.02066	0.02058	3.23E-04	5.89E-05	6.04E-05	1.43E-05	1.37E-05	3.02E-06	3.00E-06	4.7032E-04

608220.54	4200756.35	12824.87744	0.2317	0.23479	0.03576	0.03452	0.02073	0.02065	3.23E-04	5.82E-05	5.97E-05	1.46E-05	1.40E-05	3.03E-06	3.01E-06	4.6900E-04
608220.54	4200763.95	12805.58758	0.22897	0.23207	0.03645	0.03519	0.0208	0.02071	3.22E-04	5.75E-05	5.90E-05	1.48E-05	1.43E-05	3.04E-06	3.02E-06	4.6769E-04
608220.54	4200771.55	12786.36637	0.22625	0.22935	0.03714	0.03586	0.02087	0.02078	3.22E-04	5.68E-05	5.84E-05	1.51E-05	1.45E-05	3.05E-06	3.03E-06	4.6638E-04
608220.54	4200779.15	12766.82602	0.22354	0.22664	0.03784	0.03655	0.02094	0.02084	3.21E-04	5.61E-05	5.77E-05	1.54E-05	1.48E-05	3.06E-06	3.04E-06	4.6509E-04
608220.54	4200786.75	12747.26328	0.22083	0.22394	0.03854	0.03723	0.021	0.0209	3.21E-04	5.55E-05	5.70E-05	1.57E-05	1.51E-05	3.07E-06	3.05E-06	4.6379E-04
608220.54	4200794.35	12727.78513	0.21814	0.22125	0.03926	0.03793	0.02107	0.02097	3.20E-04	5.48E-05	5.63E-05	1.60E-05	1.54E-05	3.08E-06	3.06E-06	4.6252E-04
608220.54	4200801.95	12707.80231	0.21546	0.21857	0.03997	0.03863	0.02113	0.02103	3.20E-04	5.41E-05	5.56E-05	1.63E-05	1.57E-05	3.09E-06	3.07E-06	4.6123E-04
608220.54	4200809.55	12687.59153	0.2128	0.2159	0.04069	0.03933	0.02119	0.02108	3.19E-04	5.34E-05	5.49E-05	1.66E-05	1.60E-05	3.09E-06	3.07E-06	4.5995E-04
608220.54	4200817.15	12667.10109	0.21015	0.21325	0.04141	0.04004	0.02125	0.02114	3.19E-04	5.28E-05	5.43E-05	1.69E-05	1.62E-05	3.10E-06	3.08E-06	4.5868E-04
608220.54	4200824.75	12646.27833	0.20751	0.21061	0.04214	0.04075	0.02131	0.02119	3.18E-04	5.21E-05	5.36E-05	1.72E-05	1.65E-05	3.11E-06	3.09E-06	4.5741E-04
608220.54	4200832.35	12625.14555	0.2049	0.20799	0.04287	0.04147	0.02136	0.02125	3.17E-04	5.15E-05	5.29E-05	1.75E-05	1.68E-05	3.12E-06	3.10E-06	4.5614E-04
608220.54	4200839.95	12604.61194	0.20231	0.20539	0.04361	0.04219	0.02142	0.0213	3.17E-04	5.08E-05	5.23E-05	1.78E-05	1.71E-05	3.13E-06	3.10E-06	4.5491E-04
608220.54	4200847.55	12583.64809	0.19974	0.20281	0.04435	0.04291	0.02147	0.02135	3.16E-04	5.02E-05	5.16E-05	1.81E-05	1.74E-05	3.14E-06	3.11E-06	4.5367E-04
608220.54	4200855.15	12562.01311	0.19718	0.20025	0.04509	0.04364	0.02152	0.0214	3.16E-04	4.95E-05	5.09E-05	1.84E-05	1.77E-05	3.14E-06	3.12E-06	4.5243E-04
608220.54	4200862.75	12539.85963	0.19465	0.19771	0.04583	0.04437	0.02158	0.02145	3.15E-04	4.89E-05	5.03E-05	1.87E-05	1.80E-05	3.15E-06	3.13E-06	4.5119E-04
608220.54	4200870.35	12517.52733	0.19214	0.19519	0.04657	0.0451	0.02162	0.02149	3.15E-04	4.83E-05	4.97E-05	1.90E-05	1.83E-05	3.16E-06	3.13E-06	4.4995E-04
608227.41	4200733.55	12814.59701	0.23553	0.23853	0.03367	0.0325	0.02045	0.02037	3.22E-04	5.92E-05	6.07E-05	1.37E-05	1.32E-05	2.99E-06	2.97E-06	4.6898E-04
608227.41	4200741.15	12796.16632	0.23289	0.23589	0.03432	0.03314	0.02052	0.02044	3.22E-04	5.85E-05	6.00E-05	1.40E-05	1.34E-05	3.00E-06	2.98E-06	4.6771E-04
608227.41	4200748.75	12777.4463	0.23024	0.23325	0.03499	0.03379	0.02059	0.02051	3.21E-04	5.78E-05	5.93E-05	1.43E-05	1.37E-05	3.01E-06	2.99E-06	4.6644E-04
608227.41	4200756.35	12758.45101	0.22758	0.23061	0.03566	0.03444	0.02066	0.02057	3.21E-04	5.72E-05	5.87E-05	1.45E-05	1.40E-05	3.02E-06	3.00E-06	4.6516E-04
608227.41	4200763.95	12739.26856	0.22493	0.22796	0.03634	0.0351	0.02073	0.02064	3.20E-04	5.65E-05	5.80E-05	1.48E-05	1.42E-05	3.03E-06	3.01E-06	4.6388E-04
608227.41	4200771.55	12720.0568	0.22229	0.22532	0.03703	0.03577	0.02079	0.0207	3.20E-04	5.58E-05	5.73E-05	1.51E-05	1.45E-05	3.04E-06	3.02E-06	4.6261E-04
608227.41	4200779.15	12700.53228	0.21965	0.22269	0.03772	0.03644	0.02086	0.02077	3.19E-04	5.52E-05	5.67E-05	1.54E-05	1.48E-05	3.05E-06	3.03E-06	4.6134E-04
608227.41	4200786.75	12681.18518	0.21703	0.22007	0.03841	0.03712	0.02092	0.02083	3.19E-04	5.45E-05	5.60E-05	1.56E-05	1.51E-05	3.06E-06	3.04E-06	4.6009E-04
608227.41	4200794.35	12661.92287	0.21442	0.21746	0.03911	0.0378	0.02099	0.02089	3.18E-04	5.39E-05	5.53E-05	1.59E-05	1.53E-05	3.07E-06	3.04E-06	4.5885E-04
608227.41	4200801.95	12642.47369	0.21182	0.21486	0.03982	0.03849	0.02105	0.02095	3.18E-04	5.32E-05	5.47E-05	1.62E-05	1.56E-05	3.07E-06	3.05E-06	4.5761E-04
608227.41	4200809.55	12622.59581	0.20923	0.21227	0.04053	0.03919	0.02111	0.021	3.17E-04	5.25E-05	5.40E-05	1.65E-05	1.59E-05	3.08E-06	3.06E-06	4.5638E-04
608227.41	4200817.15	12602.33841	0.20665	0.20969	0.04124	0.03989	0.02117	0.02106	3.17E-04	5.19E-05	5.34E-05	1.68E-05	1.62E-05	3.09E-06	3.07E-06	4.5514E-04
608227.41	4200824.75	12581.74793	0.20409	0.20712	0.04196	0.04059	0.02123	0.02111	3.16E-04	5.13E-05	5.27E-05	1.71E-05	1.65E-05	3.10E-06	3.08E-06	4.5390E-04
608227.41	4200832.35	12560.94524	0.20155	0.20457	0.04268	0.0413	0.02128	0.02117	3.16E-04	5.06E-05	5.20E-05	1.74E-05	1.68E-05	3.11E-06	3.09E-06	4.5267E-04
608227.41	4200839.95	12540.34901	0.19903	0.20205	0.04341	0.04201	0.02134	0.02122	3.15E-04	5.00E-05	5.14E-05	1.77E-05	1.70E-05	3.12E-06	3.09E-06	4.5146E-04
608227.41	4200847.55	12519.62496	0.19653	0.19954	0.04413	0.04272	0.02139	0.02127	3.15E-04	4.94E-05	5.08E-05	1.80E-05	1.73E-05	3.12E-06	3.10E-06	4.5026E-04
608227.41	4200855.15	12498.444	0.19405	0.19705	0.04486	0.04344	0.02144	0.02132	3.14E-04	4.87E-05	5.01E-05	1.83E-05	1.76E-05	3.13E-06	3.11E-06	4.4906E-04
608227.41	4200862.75	12476.53928	0.19159	0.19457	0.04559	0.04416	0.02149	0.02136	3.14E-04	4.81E-05	4.95E-05	1.86E-05	1.79E-05	3.14E-06	3.11E-06	4.4785E-04
608227.41	4200870.35	12454.45383	0.18914	0.19212	0.04633	0.04488	0.02154	0.02141	3.13E-04	4.75E-05	4.89E-05	1.89E-05	1.82E-05	3.15E-06	3.12E-06	4.4665E-04
608234.28	4200741.15	12729.44233	0.2287	0.23164	0.03425	0.03307	0.02045	0.02037	3.20E-04	5.74E-05	5.89E-05	1.40E-05	1.34E-05	2.99E-06	2.97E-06	4.6384E-04
608234.28	4200748.75	12711.02807	0.22613	0.22908	0.03491	0.03371	0.02052	0.02044	3.20E-04	5.68E-05	5.83E-05	1.42E-05	1.37E-05	3.00E-06	2.98E-06	4.6261E-04
608234.28	4200756.35	12692.34375	0.22356	0.22652	0.03557	0.03436	0.02059	0.0205	3.19E-04	5.61E-05	5.76E-05	1.45E-05	1.39E-05	3.01E-06	2.99E-06	4.6138E-04
608234.28	4200763.95	12673.56637	0.221	0.22396	0.03624	0.03501	0.02066	0.02057	3.19E-04	5.55E-05	5.70E-05	1.48E-05	1.42E-05	3.02E-06	3.00E-06	4.6015E-04
608234.28	4200771.55	12654.56924	0.21843	0.2214	0.03692	0.03567	0.02072	0.02063	3.18E-04	5.49E-05	5.63E-05	1.50E-05	1.45E-05	3.03E-06	3.01E-06	4.5892E-04
608234.28	4200779.15	12635.36549	0.21587	0.21884	0.0376	0.03633	0.02079	0.02069	3.18E-04	5.42E-05	5.57E-05	1.53E-05	1.47E-05	3.04E-06	3.02E-06	4.5768E-04
608234.28	4200786.75	12616.03001	0.21332	0.21629	0.03828	0.037	0.02085	0.02075	3.17E-04	5.36E-05	5.50E-05	1.56E-05	1.50E-05	3.04E-06	3.02E-06	4.5646E-04
608234.28	4200794.35	12596.67441	0.21078	0.21375	0.03898	0.03768	0.02091	0.02081	3.17E-04	5.29E-05	5.44E-05	1.59E-05	1.53E-05	3.05E-06	3.03E-06	4.5525E-04
608234.28	4200801.95	12577.75435	0.20826	0.21123	0.03967	0.03836	0.02097	0.02087	3.16E-04	5.23E-05	5.37E-05	1.62E-05	1.56E-05	3.06E-06	3.04E-06	4.5405E-04
608234.28	4200809.55	12558.20532	0.20575	0.20872	0.04037	0.03905	0.02103	0.02093	3.16E-04	5.17E-05	5.31E-05	1.64E-05	1.58E-05	3.07E-06	3.05E-06	4.5286E-04
608234.28	4200817.15	12538.27385	0.20324	0.20621	0.04108	0.03974	0.02109	0.02098	3.15E-04	5.10E-05	5.25E-05	1.67E-05	1.61E-05	3.08E-06	3.06E-06	4.5166E-04
608234.28	4200824.75	12517.81046	0.20075	0.20371	0.04178	0.04043	0.02115	0.02103	3.15E-04	5.04E-05	5.18E-05	1.70E-05	1.64E-05	3.09E-06	3.07E-06	4.5045E-04
608234.28	4200832.35	12497.23363	0.19828	0.20124	0.04249	0.04113	0.0212	0.02109	3.14E-04	4.98E-05	5.12E-05	1.73E-05	1.67E-05	3.10E-06	3.07E-06	4.4925E-04
608234.28	4200839.95	12476.57294	0.19583	0.19877	0.04321	0.04183	0.02125	0.02114	3.14E-04	4.92E-05	5.06E-05	1.76E-05	1.70E-05	3.10E-06	3.08E-06	4.4807E-04
608234.28	4200847.55	12455.98792	0.19339	0.19633	0.04392	0.04253	0.02131	0.02119	3.13E-04	4.86E-05	5.00E-05	1.79E-05	1.73E-05	3.11E-06	3.09E-06	4.4689E-04
608234.28	4200855.15	12435.25676	0.19098	0.19391	0.04464	0.04324	0.02136	0.02123	3.13E-04	4.80E-05	4.93E-05	1.82E-05	1.75E-05	3.12E-06	3.09E-06	4.4573E-04
608234.28	4200862.75	12413.80395	0.18858	0.1915	0.04536	0.04395	0.02141	0.02128	3.12E-04	4.74E-05	4.87E-05	1.85E-05	1.78E-05	3.13E-06	3.10E-06	4.4455E-04
608234.28	4200870.35	12392.05859	0.18621	0.18912	0.04608	0.04466	0.02145	0.02132	3.12E-04	4.68E-05	4.81E-05	1.88E-05	1.81E-05	3.13E-06	3.11E-06	4.4339E-04
608240.38	4200722.19	12716.67085	0.2313	0.23416	0.03258	0.03146	0.02021	0.02014	3.20E-04	5.81E-05	5.96E-05	1.33E-05	1.28E-05	2.95E-06	2.94E-06	4.6348E-04
608240.73	4200729.53	12695.45718	0.22868	0.23155	0.03319	0.03205	0.02028	0.0202	3.19E-04	5.74E-05	5.89E-05	1.35E-05	1.30E-05	2.96E-06	2.94E-06	4.6211E-04
608241.15	4200741.15	12663.441	0.22462	0.2275	0.03417	0.033	0.02038	0.0203	3.18E-04	5.64E-05	5.79E-05	1.39E-05	1.34E-05	2.98E-06	2.96E-06	4.6004E-04
608241.15	4200748.75	12645.02768	0.22213	0.22501	0.03482	0.03364	0.02045	0.02037	3.18E-04	5.58E-05	5.72E-05	1.42E-05	1.36E-05	2.99E-06	2.97E-06	4.5884E-04
608241.15	4200756.35	12626.6514	0.21964	0.22253	0.03547	0.03427	0.02052	0.02043	3.18E-04	5.52E-05	5.66E-05	1.44E-05	1.39E-05	3.00E-06	2.98E-06	4.5765E-04
608241.15	4200763.95	12608.37218	0.21715	0.22005	0.03614	0.03492	0.02058	0.02049	3.17E-04	5.45E-05	5.60E-05	1.47E-05	1.42E-05	3.01E-06	2.99E-06	4.5647E-04
608241.15	4200771.55	12589.79282	0.21467	0.21757	0.0368	0.03557	0.02065	0.02056	3.17E-04	5.39E-05	5.54E-05	1.50E-05	1.44E-05	3.02E-06	3.00E-06	4.5528E-04
608241.15	4200779.15	12570.80449	0.21218	0.21509	0.03748	0.03623	0.02071	0.02062	3.16E-04	5.33E-05	5.47E-05	1.53E-05	1.47E-05	3.02E-06	3.01E-06	4.5409E-04
608241.15	4200786.75	12551.58276	0.20971	0.21261	0.03816	0.03689	0.02077	0.02068	3.16E-04	5.27E-05	5.41E-05	1.55E-05	1.50E-05	3.03E-06	3.01E-06	4.5290E-04
608241.15	4200794.35	12532.43602	0.20724	0.21014	0.03884	0.03756	0.02084	0.02074	3.15E-04	5.20E-05	5.35E-05	1.58E-05	1.52E-05	3.04E-06	3.02E-06	4.5172E-04
608241.15	4200801.95	12513.63728	0.20479	0.20769	0.03952	0.03823	0.0209	0.02079	3.15E-04	5.14E-05	5.28E-05	1.61E-05	1.55E-05	3.05E-06	3.03E-06	4.5056E-04
608241.15	4200809.55	12494.4122	0.20235	0.20525	0.04021	0.03891	0.02095	0.02085	3.14E-04	5.08E-05	5.22E-05	1.64E-05	1.58E-05	3.06E-06	3.04E-06	4.4940E-04
608241.15	4200817.15	12474.70235	0.19991	0.20281	0.04091	0.03959	0.02101	0.0209	3.14E-04	5.02E-05	5.16E-05	1.67E-05	1.61E-05	3.07E-06	3.05E-06	4.4823E-04
608241.15	4200824.75	12454.56251	0.19749	0.20039	0.0416	0.04027	0.02107	0.02095	3.13E-04	4.96E-05	5.10E-05	1.69E-05	1.63E-05	3.08E-06	3.05E-06	4.4705E-04
608241.15	4200832.35	12434.21238	0.19509	0.19798	0.0423	0.04096	0.02112	0.02101	3.13E-04	4.90E-05	5.04E-05	1.72E-05	1.66E-05	3.08E-06	3.06E-06	4.4589E-04
608241.15	4200839.95	12413.68201	0.1927	0.19558	0.04301	0.04165	0.02117	0.02106	3.12E-04	4.84E-05	4.98E-05	1.75E-05	1.69E-05	3.09E-06	3.07E-06	4.4473E-04
608241.15	4200847.55	12393.13644	0.19033	0.1932	0.04371	0.04234	0.02122	0.0211	3.12E-04	4.78E-05	4.92E-05	1.78E-05	1.72E-05	3.10E-06	3.08E-06	4.4358E-04
608241.15	4200855.15	12372.33786	0.18798	0.19084	0.04442	0.04304	0.02127	0.02115	3.11E-04	4.72E-05	4.86E-05	1.81E-05	1.75E-05	3.11E-06	3.08E-06	4.4244E-04
608241.15	4200862.75	12351.43528	0.18565	0.1885	0.04513	0.04374	0.02132	0.0212	3.11E-04	4.66E-05	4.80E-05	1.84E-05	1.77E-05	3.11E-06	3.09E-06	4.4131E-04
608241.15	4200870.35	12330.03217	0.18334	0.18618	0.04584	0.04444	0.02137	0.02124	3.10E-04	4.60E-05	4.74E-05	1.87E-05	1.80E-05	3.12E-06	3.10E-06	4.4017E-04
608248.02	4200741.15	12598.25102	0.22065	0.22346	0.03409	0.03293	0.02031	0.02023	3.17E-04	5.54E-05	5.69E-05	1.39E-05	1.34E-05	2.97E-06	2.95E-06	4.5632E-04
608248.02	4200748.75	12579.839	0.21823	0.22105	0.03473	0.03356	0.02038	0.02029	3.16E-04	5.48E-05	5.62E-05	1.41E-05	1.36E-05	2.98E-06	2.96E-06	4.5515E-04
608248.02	4200756.35	12561.76574	0.21582	0.21864	0.03538	0.03419	0.02045	0.02036	3.16E-04	5.42E-05	5.56E-05	1.44E-05	1.39E-05	2.99E-06	2.97E-06	4.5400E-04
608248.02	4200763.95	12543.78203	0.21341	0.21624	0.03603	0.03483	0.02051	0.02042	3.15E-04	5.36E-05	5.50E-05	1.47E-05	1.41E-05	3.00E-06	2.98E-06	4.5285E-04
608248.02	4200771.55	12525.51336	0.21099	0.21383	0.03669	0.03547	0.02058	0.02048	3.15E-04	5.30E-05	5.44E-05	1.49E-05	1.44E-05	3.01E-06	2.99E-06	4.5170E-04
608248.02	4200779.15	12506.74281	0.20858	0.21142	0.03736	0.03612	0.02064	0.02054	3.15E-04	5.24E-05	5.38E-05	1.52E-05	1.47E-05	3.01E-06	2.99E-06	4.5055E-04
608248.02	4200786.75	12487.73117	0.20618	0.20902	0.03803	0.03678	0.0207	0.0206	3.14E-04	5.18E-05	5.32E-05	1.55E-05	1.49E-05	3.02E-06	3.00E-06	4.4940E-04
608248.02	4200794.35	12468.79082	0.20378	0.20662	0.0387	0.03743	0.02076	0.02066	3.14E-04	5.12E-05	5.26E-05	1.58E-05	1.52E-05	3.03E-06	3.01E-06	4.4824E-04
608248.02	4200801.95	12449.91112	0.20139	0.20423	0.03938	0.0381	0.02082	0.02072	3.13E-04	5.06E-05	5.20E-05	1.60E-05	1.55E-05	3.04E-06	3.02E-06	4.4711E-04
608248.02	4200809.55	12431.0098	0.19902	0.20186	0.04006	0.03877	0.02088	0.02077	3.13E-04	5.00E-05	5.14E-05	1.63E-05	1.57E-05	3.05E-06	3.03E-06	4.4598E-04
608248.02	4200817.15	12411.61743	0.19666	0.19949	0.04074	0.03944	0.02093	0.02082	3.12E-04	4.94E-05	5.08E-05	1.66E-05	1.60E-05	3.06E-06	3.03E-06	4.4485E-04
608248.02	4200824.75	12391.79764	0.1943	0.19714	0.04143	0.04011	0.02099	0.02088	3.12E-04	4.88E-05	5.02E-05	1.69E-05	1.63E-05	3.07E-06	3.04E-06	4.4371E-04
608248.02	4200832.35	12371.67019	0.19196	0.19479	0.04212	0.04079	0.02104	0.02093	3.11E-04	4.82E-05	4.96E-05	1.72E-05	1.65E-05	3.07E-06	3.05E-06	4.4258E-04
608248.02	4200839.95	12351.47206	0.18964	0.19246	0.04282	0.04147	0.02109	0.02097	3.11E-04	4.76E-05	4.90E-05	1.74E-05	1.68E-05	3.08E-06	3.06E-06	4.4146E-04
608248.02	4200847.55	12330.96079	0.18733	0.19014	0.04351	0.04216	0.02114	0.02102	3.10E-04	4.70E-05	4.84E-05	1.77E-05	1.71E-05	3.09E-06	3.06E-06	4.4033E-04
608248.02	4200855.15	12310.29499	0.18504	0.18784	0.04421	0.04284	0.02119	0.02107	3.10E-04	4.65E-05	4.78E-05	1.80E-05	1.74E-05	3.09E-06	3.07E-06	4.3921E-04
608248.02	4200862.75	12289.42751	0.18277	0.18556	0.04491	0.04353	0.02124	0.02111	3.09E-04	4.59E-05	4.72E-05	1.83E-05	1.77E-05	3.10E-06	3.08E-06	4.3810E-04
608248.02	4200870.35	12268.4655	0.18052	0.1833	0.0456	0.04422	0.02128	0.02116	3.09E-04	4.53E-05	4.66E-05	1.86E-05	1.79E-05	3.11E-06	3.08E-06	4.3700E-04
608248.07	4200730.93	12622.27993	0.22387	0.22667	0.03323	0.0321	0.02022	0.02014	3.17E-04	5.62E-05	5.77E-05	1.35E-05	1.30E-05	2.95E-06	2.94E-06	4.5786E-04
608248.42	4200723.59	12636.54902	0.22599	0.22877	0.03262	0.03151	0.02014	0.02007	3.18E-04	5.68E-05	5.82E-05	1.33E-05	1.28E-05	2.94E-06	2.93E-06	4.5880E-04
608254.89	4200741.15	12533.76704	0.21678	0.21953	0.034	0.03287	0.02024	0.02016	3.15E-04	5.44E-05	5.59E-05	1.38E-05	1.33E-05	2.96E-06	2.94E-06	4.5266E-04
608254.89	4200748.75	12515.5592	0.21443	0.21719	0.03464	0.03349	0.02031	0.02022	3.15E-04	5.39E-05	5.53E-05	1.41E-05	1.36E-05	2.97E-06	2.95E-06	4.5153E-04
608254.89	4200756.35	12497.58309	0.21209	0.21485	0.03528	0.03411	0.02037	0.02029	3.14E-04	5.33E-05	5.47E-05	1.44E-05	1.38E-05	2.97E-06	2.96E-06	4.5041E-04
608254.89	4200763.95	12479.6862	0.20975	0.21252	0.03593	0.03474	0.02044	0.02035	3.14E-04	5.27E-05	5.41E-05	1.46E-05	1.41E-05	2.98E-06	2.97E-06	4.4930E-04
608254.89	4200771.55	12461.72594	0.20741	0.21018	0.03658	0.03538	0.0205	0.02041	3.13E-04	5.21E-05	5.35E-05	1.49E-05	1.44E-05	2.99E-06	2.97E-06	4.4819E-04
608254.89	4200779.15	12443.27202	0.20507	0.20784	0.03724	0.03602	0.02057	0.02047	3.13E-04	5.15E-05	5.29E-05	1.52E-05	1.46E-05	3.00E-06	2.98E-06	4.4707E-04
608254.89	4200786.75	12424.56161	0.20273	0.20551	0.0379	0.03666	0.02063	0.02053	3.12E-04	5.09E-05	5.23E-05	1.54E-05	1.49E-05	3.01E-06	2.99E-06	4.4595E-04
608254.89	4200794.35	12405.72822	0.2004	0.20318	0.03856	0.03731	0.02068	0.02058	3.12E-04	5.03E-05	5.17E-05	1.57E-05	1.51E-05	3.02E-06	3.00E-06	4.4483E-04
608254.89	4200801.95	12386.7669	0.19808	0.20086	0.03923	0.03797	0.02074	0.02064	3.11E-04	4.97E-05	5.11E-05	1.60E-05	1.54E-05	3.03E-06	3.01E-06	4.4372E-04
608254.89	4200809.55	12368.08697	0.19577	0.19855	0.0399	0.03863	0.0208	0.02069	3.11E-04	4.92E-05	5.05E-05	1.63E-05	1.57E-05	3.04E-06	3.02E-06	4.4262E-04
608254.89	4200817.15	12349.00699	0.19347	0.19625	0.04058	0.03929	0.02085	0.02075	3.11E-04	4.86E-05	4.99E-05	1.65E-05	1.59E-05	3.04E-06	3.02E-06	4.4152E-04
608254.89	4200824.75	12329.60812	0.19119	0.19396	0.04126	0.03996	0.02091	0.0208	3.10E-04	4.80E-05	4.93E-05	1.68E-05	1.62E-05	3.05E-06	3.03E-06	4.4043E-04
608254.89	4200832.35	12309.69943	0.18891	0.19168	0.04194	0.04062	0.02096	0.02085	3.10E-04	4.74E-05	4.88E-05	1.71E-05	1.65E-05	3.06E-06	3.04E-06	4.3932E-04
608254.89	4200839.95	12289.73459	0.18665	0.18941	0.04262	0.0413	0.02101	0.02089	3.09E-04	4.69E-05	4.82E-05	1.74E-05	1.68E-05	3.07E-06	3.04E-06	4.3823E-04
608254.89	4200847.55	12269.55399	0.1844	0.18715	0.04331	0.04197	0.02106	0.02094	3.09E-04	4.63E-05	4.76E-05	1.76E-05	1.70E-05	3.08E-06	3.05E-06	4.3713E-04
608254.89	4200855.15	12248.91594	0.18217	0.18491	0.04399	0.04265	0.02111	0.02099	3.08E-04	4.58E-05	4.70E-05	1.79E-05	1.73E-05	3.08E-06	3.06E-06	4.3604E-04
608254.89	4200862.75	12228.08139	0.17996	0.18269	0.04468	0.04333	0.02115	0.02103	3.07E-04	4.52E-05	4.65E-05	1.82E-05	1.76E-05	3.09E-06	3.07E-06	4.3495E-04
608254.89	4200870.35	12207.35032	0.17777	0.18049	0.04537	0.04401	0.0212	0.02107	3.07E-04	4.46E-05	4.59E-05	1.85E-05	1.79E-05	3.10E-06	3.07E-06	4.3387E-04
608255.41	4200731.98	12550.6033	0.21931	0.22205	0.03324	0.03212	0.02015	0.02008	3.16E-04	5.51E-05	5.65E-05	1.35E-05	1.30E-05	2.94E-06	2.93E-06	4.5375E-04
608255.76	4200725.34	12562.83782	0.22115	0.22387	0.03269	0.03159	0.02009	0.02001	3.16E-04	5.55E-05	5.70E-05	1.33E-05	1.28E-05	2.93E-06	2.92E-06	4.5454E-04
608261.76	4200741.15	12469.8813	0.21301	0.2157	0.03392	0.0328	0.02017	0.02009	3.14E-04	5.35E-05	5.49E-05	1.38E-05	1.33E-05	2.95E-06	2.93E-06	4.4907E-04
608261.76	4200748.75	12451.97364	0.21073	0.21343	0.03455	0.03341	0.02024	0.02016	3.13E-04	5.29E-05	5.43E-05	1.41E-05	1.36E-05	2.96E-06	2.94E-06	4.4798E-04
608261.76	4200756.35	12433.99433	0.20845	0.21116	0.03518	0.03403	0.0203	0.02022	3.13E-04	5.24E-05	5.37E-05	1.43E-05	1.38E-05	2.96E-06	2.95E-06	4.4688E-04
608261.76	4200763.95	12416.0803	0.20618	0.20889	0.03582	0.03465	0.02037	0.02028	3.12E-04	5.18E-05	5.31E-05	1.46E-05	1.41E-05	2.97E-06	2.96E-06	4.4580E-04
608261.76	4200771.55	12398.42993	0.20391	0.20662	0.03647	0.03528	0.02043	0.02034	3.12E-04	5.12E-05	5.26E-05	1.49E-05	1.43E-05	2.98E-06	2.96E-06	4.4473E-04
608261.76	4200779.15	12380.28616	0.20163	0.20435	0.03711	0.03591	0.02049	0.0204	3.11E-04	5.06E-05	5.20E-05	1.51E-05	1.46E-05	2.99E-06	2.97E-06	4.4364E-04
608261.76	4200786.75	12361.87108	0.19937	0.20208	0.03777	0.03655	0.02055	0.02045	3.11E-04	5.01E-05	5.14E-05	1.54E-05	1.48E-05	3.00E-06	2.98E-06	4.4256E-04
608261.76	4200794.35	12343.24618	0.1971	0.19982	0.03842	0.03719	0.02061	0.02051	3.10E-04	4.95E-05	5.08E-05	1.56E-05	1.51E-05	3.01E-06	2.99E-06	4.4147E-04
608261.76	4200801.95	12324.40081	0.19484	0.19756	0.03908	0.03784	0.02067	0.02056	3.10E-04	4.89E-05	5.03E-05	1.59E-05	1.53E-05	3.02E-06	3.00E-06	4.4038E-04
608261.76	4200809.55	12305.73374	0.1926	0.19531	0.03975	0.03849	0.02072	0.02062	3.09E-04	4.84E-05	4.97E-05	1.62E-05	1.56E-05	3.03E-06	3.01E-06	4.3932E-04
608261.76	4200817.15	12286.8616	0.19036	0.19307	0.04041	0.03914	0.02078	0.02067	3.09E-04	4.78E-05	4.91E-05	1.65E-05	1.59E-05	3.03E-06	3.01E-06	4.3824E-04
608261.76	4200824.75	12267.88016	0.18814	0.19085	0.04108	0.0398	0.02083	0.02072	3.08E-04	4.73E-05	4.86E-05	1.67E-05	1.61E-05	3.04E-06	3.02E-06	4.3718E-04
608261.76	4200832.35	12248.29302	0.18593	0.18863	0.04175	0.04046	0.02088	0.02077	3.08E-04	4.67E-05	4.80E-05	1.70E-05	1.64E-05	3.05E-06	3.03E-06	4.3611E-04
608261.76	4200839.95	12228.55802	0.18373	0.18642	0.04243	0.04112	0.02093	0.02081	3.08E-04	4.61E-05	4.74E-05	1.73E-05	1.67E-05	3.06E-06	3.03E-06	4.3504E-04
608261.76	4200847.55	12208.60864	0.18154	0.18423	0.0431	0.04179	0.02098	0.02086	3.07E-04	4.56E-05	4.69E-05	1.76E-05	1.70E-05	3.06E-06	3.04E-06	4.3398E-04
608261.76	4200855.15	12188.29894	0.17937	0.18205	0.04378	0.04245	0.02103	0.0209	3.06E-04	4.50E-05	4.63E-05	1.78E-05	1.72E-05	3.07E-06	3.05E-06	4.3291E-04
608261.76	4200862.75	12167.49237	0.17721	0.17988	0.04446	0.04312	0.02107	0.02095	3.06E-04	4.45E-05	4.58E-05	1.81E-05	1.75E-05	3.08E-06	3.05E-06	4.3184E-04
608261.76	4200870.35	12146.79206	0.17507	0.17773	0.04514	0.0438	0.02112	0.02099	3.05E-04	4.40E-05	4.52E-05	1.84E-05	1.78E-05	3.08E-06	3.06E-06	4.3079E-04
608268.63	4200741.15	12406.08854	0.20932	0.21195	0.03384	0.03273	0.0201	0.02002	3.12E-04	5.26E-05	5.39E-05	1.38E-05	1.33E-05	2.94E-06	2.92E-06	4.4553E-04
608268.63	4200748.75	12388.57515	0.20711	0.20975	0.03446	0.03333	0.02017	0.02009	3.12E-04	5.20E-05	5.34E-05	1.40E-05	1.35E-05	2.95E-06	2.93E-06	4.4447E-04
608268.63	4200756.35	12370.98087	0.20491	0.20755	0.03508	0.03394	0.02023	0.02015	3.11E-04	5.15E-05	5.28E-05	1.43E-05	1.38E-05	2.95E-06	2.94E-06	4.4341E-04
608268.63	4200763.95	12353.15753	0.20269	0.20535	0.03572	0.03456	0.0203	0.02021	3.11E-04	5.09E-05	5.22E-05	1.45E-05	1.40E-05	2.96E-06	2.95E-06	4.4236E-04
608268.63	4200771.55	12335.91047	0.20049	0.20315	0.03635	0.03518	0.02036	0.02027	3.10E-04	5.04E-05	5.17E-05	1.48E-05	1.43E-05	2.97E-06	2.95E-06	4.4132E-04
608268.63	4200779.15	12317.97139	0.19828	0.20094	0.03699	0.03581	0.02042	0.02032	3.10E-04	4.98E-05	5.11E-05	1.51E-05	1.45E-05	2.98E-06	2.96E-06	4.4027E-04
608268.63	4200786.75	12299.75122	0.19608	0.19874	0.03764	0.03644	0.02048	0.02038	3.09E-04	4.92E-05	5.06E-05	1.53E-05	1.48E-05	2.99E-06	2.97E-06	4.3922E-04
608268.63	4200794.35	12281.33092	0.19388	0.19654	0.03828	0.03707	0.02054	0.02043	3.09E-04	4.87E-05	5.00E-05	1.56E-05	1.50E-05	3.00E-06	2.98E-06	4.3816E-04
608268.63	4200801.95	12262.80516	0.19168	0.19434	0.03893	0.03771	0.02059	0.02049	3.08E-04	4.81E-05	4.94E-05	1.59E-05	1.53E-05	3.01E-06	2.99E-06	4.3711E-04
608268.63	4200809.55	12244.04661	0.1895	0.19215	0.03959	0.03835	0.02065	0.02054	3.08E-04	4.76E-05	4.89E-05	1.61E-05	1.56E-05	3.02E-06	2.99E-06	4.3606E-04
608268.63	4200817.15	12225.38039	0.18732	0.18998	0.04025	0.03899	0.0207	0.02059	3.07E-04	4.70E-05	4.83E-05	1.64E-05	1.58E-05	3.02E-06	3.00E-06	4.3502E-04
608268.63	4200824.75	12206.8093	0.18516	0.18781	0.04091	0.03964	0.02075	0.02064	3.07E-04	4.65E-05	4.78E-05	1.67E-05	1.61E-05	3.03E-06	3.01E-06	4.3399E-04
608268.63	4200832.35	12187.44034	0.18301	0.18565	0.04157	0.04029	0.0208	0.02069	3.06E-04	4.60E-05	4.72E-05	1.69E-05	1.63E-05	3.04E-06	3.02E-06	4.3295E-04
608268.63	4200839.95	12167.92841	0.18087	0.1835	0.04224	0.04095	0.02085	0.02073	3.06E-04	4.54E-05	4.67E-05	1.72E-05	1.66E-05	3.04E-06	3.02E-06	4.3191E-04
608268.63	4200847.55	12148.20731	0.17874	0.18137	0.0429	0.0416	0.0209	0.02078	3.05E-04	4.49E-05	4.61E-05	1.75E-05	1.69E-05	3.05E-06	3.03E-06	4.3087E-04
608268.63	4200855.15	12128.12093	0.17662	0.17924	0.04357	0.04226	0.02095	0.02082	3.05E-04	4.44E-05	4.56E-05	1.77E-05	1.71E-05	3.06E-06	3.03E-06	4.2983E-04
608268.63	4200862.75	12107.64281	0.17452	0.17713	0.04424	0.04292	0.02099	0.02086	3.04E-04	4.38E-05	4.51E-05	1.80E-05	1.74E-05	3.07E-06	3.04E-06	4.2879E-04
608268.63	4200870.35	12086.97573	0.17244	0.17504	0.04491	0.04358	0.02103	0.02091	3.04E-04	4.33E-05	4.45E-05	1.83E-05	1.77E-05	3.07E-06	3.05E-06	4.2776E-04
608275.5	4200733.55	12360.35544	0.20786	0.21043	0.03315	0.03206	0.01997	0.01989	3.11E-04	5.22E-05	5.35E-05	1.35E-05	1.30E-05	2.92E-06	2.90E-06	4.4307E-04
608275.5	4200741.15	12342.88162	0.20572	0.2083	0.03375	0.03266	0.02003	0.01995	3.10E-04	5.17E-05	5.30E-05	1.37E-05	1.32E-05	2.93E-06	2.91E-06	4.4204E-04
608275.5	4200748.75	12325.85704	0.20359	0.20617	0.03437	0.03325	0.0201	0.02002	3.10E-04	5.11E-05	5.25E-05	1.40E-05	1.35E-05	2.94E-06	2.92E-06	4.4103E-04
608275.5	4200756.35	12308.64108	0.20144	0.20403	0.03499	0.03386	0.02016	0.02008	3.10E-04	5.06E-05	5.19E-05	1.43E-05	1.37E-05	2.94E-06	2.93E-06	4.4001E-04
608275.5	4200763.95	12291.10736	0.1993	0.20189	0.03561	0.03447	0.02023	0.02014	3.09E-04	5.01E-05	5.14E-05	1.45E-05	1.40E-05	2.95E-06	2.94E-06	4.3899E-04
608275.5	4200771.55	12273.76436	0.19715	0.19975	0.03624	0.03508	0.02029	0.02019	3.09E-04	4.95E-05	5.08E-05	1.48E-05	1.42E-05	2.96E-06	2.94E-06	4.3797E-04
608275.5	4200779.15	12256.12775	0.19501	0.19761	0.03687	0.0357	0.02035	0.02025	3.08E-04	4.90E-05	5.03E-05	1.50E-05	1.45E-05	2.97E-06	2.95E-06	4.3695E-04
608275.5	4200786.75	12238.19804	0.19287	0.19547	0.03751	0.03632	0.0204	0.02031	3.08E-04	4.84E-05	4.97E-05	1.53E-05	1.47E-05	2.98E-06	2.96E-06	4.3593E-04
608275.5	4200794.35	12219.98071	0.19073	0.19333	0.03814	0.03695	0.02046	0.02036	3.07E-04	4.79E-05	4.92E-05	1.55E-05	1.50E-05	2.99E-06	2.97E-06	4.3491E-04
608275.5	4200801.95	12201.66452	0.1886	0.1912	0.03879	0.03758	0.02052	0.02041	3.07E-04	4.74E-05	4.86E-05	1.58E-05	1.52E-05	3.00E-06	2.97E-06	4.3389E-04
608275.5	4200809.55	12183.21506	0.18647	0.18907	0.03943	0.03821	0.02057	0.02046	3.06E-04	4.68E-05	4.81E-05	1.61E-05	1.55E-05	3.00E-06	2.98E-06	4.3286E-04
608275.5	4200817.15	12164.65244	0.18435	0.18695	0.04008	0.03885	0.02062	0.02051	3.06E-04	4.63E-05	4.76E-05	1.63E-05	1.58E-05	3.01E-06	2.99E-06	4.3185E-04
608275.5	4200824.75	12146.09277	0.18225	0.18484	0.04073	0.03949	0.02067	0.02056	3.05E-04	4.58E-05	4.70E-05	1.66E-05	1.60E-05	3.02E-06	3.00E-06	4.3084E-04
608275.5	4200832.35	12127.04198	0.18016	0.18274	0.04139	0.04013	0.02072	0.02061	3.05E-04	4.52E-05	4.65E-05	1.69E-05	1.63E-05	3.03E-06	3.00E-06	4.2983E-04
608275.5	4200839.95	12107.8476	0.17807	0.18065	0.04204	0.04078	0.02077	0.02066	3.04E-04	4.47E-05	4.60E-05	1.71E-05	1.65E-05	3.03E-06	3.01E-06	4.2882E-04
608275.5	4200847.55	12088.34778	0.176	0.17857	0.0427	0.04142	0.02082	0.0207	3.04E-04	4.42E-05	4.54E-05	1.74E-05	1.68E-05	3.04E-06	3.02E-06	4.2781E-04
608275.5	4200855.15	12068.47724	0.17394	0.1765	0.04336	0.04207	0.02086	0.02074	3.03E-04	4.37E-05	4.49E-05	1.77E-05	1.71E-05	3.05E-06	3.02E-06	4.2680E-04
608275.5	4200862.75	12048.2215	0.17189	0.17444	0.04402	0.04272	0.02091	0.02078	3.03E-04	4.32E-05	4.44E-05	1.79E-05	1.73E-05	3.05E-06	3.03E-06	4.2578E-04
608275.5	4200870.35	12027.79092	0.16986	0.1724	0.04468	0.04338	0.02095	0.02082	3.02E-04	4.27E-05	4.39E-05	1.82E-05	1.76E-05	3.06E-06	3.03E-06	4.2478E-04
608282.37	4200733.55	12298.1314	0.2043	0.20681	0.03307	0.032	0.0199	0.01982	3.09E-04	5.13E-05	5.26E-05	1.35E-05	1.30E-05	2.91E-06	2.89E-06	4.3963E-04
608282.37	4200741.15	12280.75221	0.20222	0.20474	0.03367	0.03258	0.01997	0.01988	3.09E-04	5.08E-05	5.21E-05	1.37E-05	1.32E-05	2.92E-06	2.90E-06	4.3863E-04
608282.37	4200748.75	12263.81916	0.20014	0.20267	0.03428	0.03318	0.02003	0.01995	3.08E-04	5.03E-05	5.16E-05	1.40E-05	1.35E-05	2.93E-06	2.91E-06	4.3765E-04
608282.37	4200756.35	12246.77832	0.19806	0.2006	0.03489	0.03377	0.02009	0.02001	3.08E-04	4.97E-05	5.10E-05	1.42E-05	1.37E-05	2.93E-06	2.92E-06	4.3666E-04
608282.37	4200763.95	12229.43147	0.19598	0.19852	0.0355	0.03437	0.02015	0.02006	3.08E-04	4.92E-05	5.05E-05	1.45E-05	1.39E-05	2.94E-06	2.92E-06	4.3566E-04
608282.37	4200771.55	12211.99223	0.19389	0.19644	0.03612	0.03498	0.02021	0.02012	3.07E-04	4.87E-05	5.00E-05	1.47E-05	1.42E-05	2.95E-06	2.93E-06	4.3467E-04
608282.37	4200779.15	12194.65292	0.19181	0.19436	0.03675	0.03559	0.02027	0.02018	3.07E-04	4.82E-05	4.94E-05	1.50E-05	1.44E-05	2.96E-06	2.94E-06	4.3368E-04
608282.37	4200786.75	12177.10656	0.18973	0.19228	0.03738	0.03621	0.02033	0.02023	3.06E-04	4.76E-05	4.89E-05	1.52E-05	1.47E-05	2.97E-06	2.95E-06	4.3270E-04
608282.37	4200794.35	12159.28966	0.18766	0.1902	0.03801	0.03682	0.02039	0.02029	3.06E-04	4.71E-05	4.84E-05	1.55E-05	1.49E-05	2.98E-06	2.96E-06	4.3171E-04
608282.37	4200801.95	12141.17739	0.18558	0.18813	0.03864	0.03745	0.02044	0.02034	3.05E-04	4.66E-05	4.79E-05	1.57E-05	1.52E-05	2.98E-06	2.96E-06	4.3071E-04
608282.37	4200809.55	12122.83253	0.18351	0.18605	0.03928	0.03807	0.02049	0.02039	3.05E-04	4.61E-05	4.73E-05	1.60E-05	1.54E-05	2.99E-06	2.97E-06	4.2972E-04
608282.37	4200817.15	12104.3731	0.18145	0.18399	0.03992	0.0387	0.02055	0.02044	3.04E-04	4.56E-05	4.68E-05	1.63E-05	1.57E-05	3.00E-06	2.98E-06	4.2873E-04
608282.37	4200824.75	12085.62391	0.1794	0.18194	0.04056	0.03933	0.0206	0.02048	3.04E-04	4.51E-05	4.63E-05	1.65E-05	1.60E-05	3.01E-06	2.99E-06	4.2773E-04
608282.37	4200832.35	12067.18286	0.17736	0.1799	0.04121	0.03997	0.02065	0.02053	3.03E-04	4.45E-05	4.58E-05	1.68E-05	1.62E-05	3.02E-06	2.99E-06	4.2676E-04
608282.37	4200839.95	12048.30599	0.17534	0.17786	0.04185	0.0406	0.02069	0.02058	3.03E-04	4.40E-05	4.53E-05	1.70E-05	1.65E-05	3.02E-06	3.00E-06	4.2578E-04
608282.37	4200847.55	12029.02223	0.17332	0.17583	0.0425	0.04124	0.02074	0.02062	3.02E-04	4.35E-05	4.47E-05	1.73E-05	1.67E-05	3.03E-06	3.01E-06	4.2479E-04
608282.37	4200855.15	12009.36918	0.17131	0.17382	0.04315	0.04188	0.02078	0.02066	3.02E-04	4.30E-05	4.42E-05	1.76E-05	1.70E-05	3.03E-06	3.01E-06	4.2381E-04
608282.37	4200862.75	11989.33677	0.16932	0.17181	0.0438	0.04253	0.02083	0.0207	3.01E-04	4.25E-05	4.37E-05	1.78E-05	1.73E-05	3.04E-06	3.02E-06	4.2282E-04
608282.37	4200870.35	11969.13362	0.16734	0.16982	0.04445	0.04317	0.02087	0.02074	3.01E-04	4.20E-05	4.32E-05	1.81E-05	1.75E-05	3.05E-06	3.02E-06	4.2183E-04
608289.24	4200733.55	12236.66709	0.20082	0.20328	0.03299	0.03193	0.01984	0.01976	3.08E-04	5.04E-05	5.17E-05	1.34E-05	1.30E-05	2.90E-06	2.88E-06	4.3626E-04
608289.24	4200741.15	12219.3862	0.1988	0.20127	0.03359	0.03251	0.0199	0.01982	3.07E-04	4.99E-05	5.12E-05	1.37E-05	1.32E-05	2.91E-06	2.89E-06	4.3528E-04
608289.24	4200748.75	12202.34979	0.19678	0.19926	0.03419	0.0331	0.01996	0.01988	3.07E-04	4.94E-05	5.07E-05	1.39E-05	1.34E-05	2.91E-06	2.90E-06	4.3432E-04
608289.24	4200756.35	12185.28621	0.19476	0.19724	0.03479	0.03369	0.02002	0.01994	3.06E-04	4.89E-05	5.02E-05	1.42E-05	1.37E-05	2.92E-06	2.91E-06	4.3335E-04
608289.24	4200763.95	12168.32413	0.19274	0.19523	0.0354	0.03428	0.02008	0.01999	3.06E-04	4.84E-05	4.97E-05	1.44E-05	1.39E-05	2.93E-06	2.91E-06	4.3240E-04
608289.24	4200771.55	12151.08159	0.19071	0.1932	0.03601	0.03488	0.02014	0.02005	3.06E-04	4.79E-05	4.92E-05	1.47E-05	1.41E-05	2.94E-06	2.92E-06	4.3143E-04
608289.24	4200779.15	12133.73807	0.18869	0.19118	0.03662	0.03548	0.0202	0.02011	3.05E-04	4.74E-05	4.86E-05	1.49E-05	1.44E-05	2.95E-06	2.93E-06	4.3046E-04
608289.24	4200786.75	12116.27741	0.18666	0.18916	0.03724	0.03609	0.02026	0.02016	3.05E-04	4.69E-05	4.81E-05	1.52E-05	1.46E-05	2.96E-06	2.94E-06	4.2950E-04
608289.24	4200794.35	12098.95131	0.18465	0.18714	0.03787	0.0367	0.02031	0.02021	3.04E-04	4.64E-05	4.76E-05	1.54E-05	1.49E-05	2.97E-06	2.95E-06	4.2855E-04

608289.24	4200801.95	12081.04247	0.18263	0.18512	0.03849	0.03732	0.02037	0.02026	3.04E-04	4.59E-05	4.71E-05	1.57E-05	1.51E-05	2.97E-06	2.95E-06	4.2758E-04
608289.24	4200809.55	12063.08765	0.18062	0.18311	0.03912	0.03793	0.02042	0.02031	3.03E-04	4.54E-05	4.66E-05	1.59E-05	1.54E-05	2.98E-06	2.96E-06	4.2662E-04
608289.24	4200817.15	12044.63139	0.17861	0.1811	0.03975	0.03855	0.02047	0.02036	3.03E-04	4.49E-05	4.61E-05	1.62E-05	1.56E-05	2.99E-06	2.97E-06	4.2564E-04
608289.24	4200824.75	12025.98937	0.17661	0.1791	0.04039	0.03918	0.02052	0.02041	3.02E-04	4.44E-05	4.56E-05	1.65E-05	1.59E-05	3.00E-06	2.97E-06	4.2468E-04
608289.24	4200832.35	12007.86035	0.17463	0.17711	0.04103	0.03981	0.02057	0.02045	3.02E-04	4.39E-05	4.51E-05	1.67E-05	1.61E-05	3.00E-06	2.98E-06	4.2374E-04
608289.24	4200839.95	11989.29294	0.17266	0.17513	0.04166	0.04043	0.02061	0.0205	3.01E-04	4.34E-05	4.46E-05	1.70E-05	1.64E-05	3.01E-06	2.99E-06	4.2278E-04
608289.24	4200847.55	11970.32099	0.17069	0.17316	0.0423	0.04106	0.02066	0.02054	3.01E-04	4.29E-05	4.41E-05	1.72E-05	1.67E-05	3.02E-06	2.99E-06	4.2182E-04
608289.24	4200855.15	11950.78364	0.16874	0.17119	0.04294	0.0417	0.0207	0.02058	3.01E-04	4.24E-05	4.36E-05	1.75E-05	1.69E-05	3.02E-06	3.00E-06	4.2086E-04
608289.24	4200862.75	11930.97844	0.16679	0.16924	0.04359	0.04233	0.02075	0.02062	3.00E-04	4.19E-05	4.31E-05	1.78E-05	1.72E-05	3.03E-06	3.01E-06	4.1990E-04
608289.24	4200870.35	11910.99949	0.16487	0.1673	0.04423	0.04296	0.02079	0.02066	3.00E-04	4.14E-05	4.26E-05	1.80E-05	1.74E-05	3.04E-06	3.01E-06	4.1894E-04
608296.11	4200733.55	12175.56459	0.19743	0.19983	0.03292	0.03187	0.01977	0.01969	3.06E-04	4.96E-05	5.08E-05	1.34E-05	1.29E-05	2.89E-06	2.87E-06	4.3294E-04
608296.11	4200741.15	12158.67324	0.19547	0.19789	0.0335	0.03244	0.01983	0.01975	3.06E-04	4.91E-05	5.03E-05	1.36E-05	1.32E-05	2.90E-06	2.88E-06	4.3199E-04
608296.11	4200748.75	12141.62548	0.19351	0.19593	0.03409	0.03302	0.01989	0.01981	3.05E-04	4.86E-05	4.98E-05	1.39E-05	1.34E-05	2.90E-06	2.89E-06	4.3105E-04
608296.11	4200756.35	12124.63475	0.19154	0.19397	0.03469	0.0336	0.01995	0.01987	3.05E-04	4.81E-05	4.94E-05	1.41E-05	1.36E-05	2.91E-06	2.90E-06	4.3011E-04
608296.11	4200763.95	12107.56844	0.18957	0.19201	0.03529	0.03419	0.02001	0.01992	3.04E-04	4.76E-05	4.89E-05	1.44E-05	1.39E-05	2.92E-06	2.90E-06	4.2917E-04
608296.11	4200771.55	12090.71711	0.18761	0.19004	0.0359	0.03478	0.02007	0.01998	3.04E-04	4.71E-05	4.84E-05	1.46E-05	1.41E-05	2.93E-06	2.91E-06	4.2824E-04
608296.11	4200779.15	12073.46546	0.18564	0.18807	0.0365	0.03538	0.02013	0.02003	3.04E-04	4.66E-05	4.78E-05	1.49E-05	1.44E-05	2.94E-06	2.92E-06	4.2730E-04
608296.11	4200786.75	12056.09044	0.18367	0.18611	0.03712	0.03598	0.02018	0.02009	3.03E-04	4.61E-05	4.74E-05	1.51E-05	1.46E-05	2.95E-06	2.93E-06	4.2636E-04
608296.11	4200794.35	12038.8617	0.18171	0.18415	0.03773	0.03658	0.02024	0.02014	3.03E-04	4.56E-05	4.69E-05	1.54E-05	1.48E-05	2.96E-06	2.94E-06	4.2543E-04
608296.11	4200801.95	12021.25042	0.17974	0.18218	0.03835	0.03719	0.02029	0.02019	3.02E-04	4.51E-05	4.64E-05	1.56E-05	1.51E-05	2.96E-06	2.94E-06	4.2449E-04
608296.11	4200809.55	12003.58258	0.17779	0.18022	0.03897	0.0378	0.02034	0.02024	3.02E-04	4.47E-05	4.59E-05	1.59E-05	1.53E-05	2.97E-06	2.95E-06	4.2356E-04
608296.11	4200817.15	11985.52246	0.17584	0.17827	0.03959	0.03841	0.02039	0.02028	3.01E-04	4.42E-05	4.54E-05	1.61E-05	1.56E-05	2.98E-06	2.96E-06	4.2262E-04
608296.11	4200824.75	11967.08077	0.17389	0.17632	0.04022	0.03902	0.02044	0.02033	3.01E-04	4.37E-05	4.49E-05	1.64E-05	1.58E-05	2.98E-06	2.96E-06	4.2168E-04
608296.11	4200832.35	11948.96693	0.17196	0.17439	0.04085	0.03964	0.02049	0.02038	3.00E-04	4.32E-05	4.44E-05	1.66E-05	1.61E-05	2.99E-06	2.97E-06	4.2075E-04
608296.11	4200839.95	11930.70254	0.17004	0.17246	0.04148	0.04026	0.02054	0.02042	3.00E-04	4.27E-05	4.39E-05	1.69E-05	1.63E-05	3.00E-06	2.98E-06	4.1983E-04
608296.11	4200847.55	11912.03519	0.16813	0.17054	0.04211	0.04089	0.02058	0.02046	3.00E-04	4.22E-05	4.34E-05	1.72E-05	1.66E-05	3.01E-06	2.98E-06	4.1890E-04
608296.11	4200855.15	11892.8081	0.16622	0.16862	0.04274	0.04151	0.02062	0.0205	2.99E-04	4.17E-05	4.29E-05	1.74E-05	1.68E-05	3.01E-06	2.99E-06	4.1796E-04
608296.11	4200862.75	11873.23195	0.16433	0.16672	0.04337	0.04213	0.02067	0.02054	2.99E-04	4.13E-05	4.24E-05	1.77E-05	1.71E-05	3.02E-06	2.99E-06	4.1702E-04
608296.11	4200870.35	11853.47764	0.16245	0.16483	0.04401	0.04276	0.02071	0.02058	2.98E-04	4.08E-05	4.19E-05	1.79E-05	1.73E-05	3.02E-06	3.00E-06	4.1608E-04
608302.98	4200733.55	12114.72796	0.19411	0.19647	0.03284	0.0318	0.0197	0.01962	3.05E-04	4.87E-05	5.00E-05	1.34E-05	1.29E-05	2.88E-06	2.86E-06	4.2966E-04
608302.98	4200741.15	12098.31023	0.19221	0.19458	0.03342	0.03237	0.01977	0.01968	3.04E-04	4.83E-05	4.95E-05	1.36E-05	1.31E-05	2.89E-06	2.87E-06	4.2875E-04
608302.98	4200748.75	12081.73932	0.19031	0.19268	0.034	0.03294	0.01983	0.01974	3.04E-04	4.78E-05	4.90E-05	1.38E-05	1.34E-05	2.90E-06	2.88E-06	4.2784E-04
608302.98	4200756.35	12064.72457	0.1884	0.19078	0.03459	0.03351	0.01989	0.0198	3.03E-04	4.73E-05	4.85E-05	1.41E-05	1.36E-05	2.90E-06	2.89E-06	4.2693E-04
608302.98	4200763.95	12047.55334	0.18648	0.18886	0.03518	0.03409	0.01994	0.01985	3.03E-04	4.68E-05	4.81E-05	1.43E-05	1.38E-05	2.91E-06	2.89E-06	4.2600E-04
608302.98	4200771.55	12030.89431	0.18457	0.18696	0.03578	0.03468	0.02	0.01991	3.03E-04	4.64E-05	4.76E-05	1.46E-05	1.41E-05	2.92E-06	2.90E-06	4.2510E-04
608302.98	4200779.15	12013.92473	0.18266	0.18504	0.03638	0.03527	0.02006	0.01996	3.02E-04	4.59E-05	4.71E-05	1.48E-05	1.43E-05	2.93E-06	2.91E-06	4.2419E-04
608302.98	4200786.75	11996.63805	0.18074	0.18313	0.03699	0.03586	0.02011	0.02001	3.02E-04	4.54E-05	4.66E-05	1.51E-05	1.45E-05	2.94E-06	2.92E-06	4.2327E-04
608302.98	4200794.35	11979.3091	0.17883	0.18122	0.03759	0.03646	0.02017	0.02006	3.01E-04	4.49E-05	4.61E-05	1.53E-05	1.48E-05	2.95E-06	2.92E-06	4.2236E-04
608302.98	4200801.95	11961.79405	0.17692	0.17931	0.0382	0.03706	0.02022	0.02011	3.01E-04	4.44E-05	4.56E-05	1.56E-05	1.50E-05	2.95E-06	2.93E-06	4.2145E-04
608302.98	4200809.55	11944.50713	0.17502	0.1774	0.03882	0.03766	0.02027	0.02016	3.00E-04	4.40E-05	4.51E-05	1.58E-05	1.53E-05	2.96E-06	2.94E-06	4.2054E-04
608302.98	4200817.15	11926.84152	0.17312	0.1755	0.03943	0.03826	0.02032	0.02021	3.00E-04	4.35E-05	4.47E-05	1.61E-05	1.55E-05	2.97E-06	2.95E-06	4.1963E-04
608302.98	4200824.75	11908.79536	0.17123	0.17361	0.04005	0.03887	0.02037	0.02025	2.99E-04	4.30E-05	4.42E-05	1.63E-05	1.58E-05	2.97E-06	2.95E-06	4.1872E-04
608302.98	4200832.35	11890.49953	0.16935	0.17172	0.04067	0.03948	0.02041	0.0203	2.99E-04	4.25E-05	4.37E-05	1.66E-05	1.60E-05	2.98E-06	2.96E-06	4.1781E-04
608302.98	4200839.95	11872.43583	0.16747	0.16984	0.04129	0.04009	0.02046	0.02034	2.99E-04	4.21E-05	4.32E-05	1.68E-05	1.63E-05	2.99E-06	2.96E-06	4.1690E-04
608302.98	4200847.55	11854.06693	0.16561	0.16797	0.04191	0.04071	0.0205	0.02038	2.98E-04	4.16E-05	4.27E-05	1.71E-05	1.65E-05	2.99E-06	2.97E-06	4.1600E-04
608302.98	4200855.15	11835.2465	0.16376	0.16611	0.04254	0.04132	0.02054	0.02042	2.98E-04	4.11E-05	4.23E-05	1.73E-05	1.68E-05	3.00E-06	2.98E-06	4.1510E-04
608302.98	4200862.75	11815.8934	0.16191	0.16425	0.04316	0.04194	0.02059	0.02046	2.97E-04	4.07E-05	4.18E-05	1.76E-05	1.70E-05	3.01E-06	2.98E-06	4.1418E-04
608302.98	4200870.35	11796.3607	0.16008	0.16241	0.04378	0.04256	0.02063	0.0205	2.97E-04	4.02E-05	4.13E-05	1.78E-05	1.73E-05	3.01E-06	2.99E-06	4.1326E-04

Ranch EIR Residential Project Construction Parameters

Phase 1

Construction Annual DPM Emissions (PM2.5 Exhaust) **Mitigated Concentrations**

Annual Average Onsite DPM Rate (grams/m2/sec):	1.33E-09
Annual Average Offsite DPM Emission Rate - Road 1 (grams/sec):	1.57E-05
Annual Average Offsite DPM Emission Rate - Road 2 (grams/sec):	1.59E-05
Annual Average Offsite DPM Emission Rate - Road 3 (grams/sec):	2.55E-05
Annual Average Offsite DPM Emission Rate - Road4 (grams/sec):	2.54E-05

X	Y	Onsite PROJECT SITE Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 1 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 4 Unit Emissions VALUES AVERAGED AVERAGE CONC	Onsite PROJECT SITE Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 1 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 2 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 3 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 4 Annual DPM Exhaust w/Actual Emissions (ug/m3)	**Total DPM (ug/m3)**
605009.76	4201463.46	2712.65236	0.00295	0.00295	0.01178	0.01195	3.62E-06	4.63E-08	4.69E-08	3.00E-07	3.03E-07	4.3165E-06
605020.97	4201489.77	2669.71823	0.00295	0.00296	0.01192	0.0121	3.56E-06	4.63E-08	4.71E-08	3.04E-07	3.07E-07	4.2668E-06
605025.63	4201440.58	2833.73415	0.00301	0.00301	0.01197	0.01215	3.78E-06	4.73E-08	4.79E-08	3.05E-07	3.08E-07	4.4899E-06
605045.35	4201493.83	2652.73999	0.00292	0.00293	0.01195	0.01213	3.54E-06	4.59E-08	4.66E-08	3.04E-07	3.08E-07	4.2447E-06
605052.57	4201438.73	2882.43977	0.00303	0.00303	0.01215	0.01233	3.85E-06	4.76E-08	4.82E-08	3.10E-07	3.13E-07	4.5647E-06
605067.01	4201501.96	2637.15053	0.0029	0.00291	0.01203	0.01221	3.52E-06	4.55E-08	4.63E-08	3.06E-07	3.10E-07	4.2273E-06
605077.3	4201449.8	2862.50172	0.00301	0.00302	0.01225	0.01243	3.82E-06	4.73E-08	4.81E-08	3.12E-07	3.15E-07	4.5427E-06
605088.68	4201514.14	2616.28282	0.00289	0.0029	0.01214	0.01232	3.49E-06	4.54E-08	4.61E-08	3.09E-07	3.13E-07	4.2047E-06
605094.28	4201462.35	2811.94873	0.00297	0.00298	0.01226	0.01244	3.75E-06	4.66E-08	4.74E-08	3.12E-07	3.16E-07	4.4745E-06
605106.29	4201530.4	2585.42567	0.00287	0.00289	0.01225	0.01243	3.45E-06	4.51E-08	4.60E-08	3.12E-07	3.15E-07	4.1687E-06
605113.1	4201473.42	2783.41245	0.00295	0.00295	0.01233	0.01251	3.71E-06	4.63E-08	4.69E-08	3.14E-07	3.17E-07	4.4392E-06
605134.6	4201499.62	2685.08721	0.00288	0.00289	0.01235	0.01253	3.58E-06	4.52E-08	4.60E-08	3.15E-07	3.18E-07	4.3069E-06
605151.19	4201482.44	2810.7023	0.00296	0.00297	0.01262	0.0128	3.75E-06	4.65E-08	4.73E-08	3.21E-07	3.25E-07	4.4908E-06
605168.07	4201530.53	2617.99257	0.00285	0.00287	0.01256	0.01275	3.49E-06	4.48E-08	4.57E-08	3.20E-07	3.23E-07	4.2275E-06
605172.03	4201466.28	2991.26354	0.0031	0.00311	0.01308	0.01327	3.99E-06	4.87E-08	4.95E-08	3.33E-07	3.37E-07	4.7598E-06
605181.62	4201558.83	2535.86369	0.00281	0.00283	0.01262	0.01281	3.38E-06	4.41E-08	4.50E-08	3.21E-07	3.25E-07	4.1197E-06
605188.98	4201454.15	3142.93594	0.00321	0.00323	0.01347	0.01367	4.19E-06	5.04E-08	5.14E-08	3.43E-07	3.47E-07	4.9860E-06
605191.33	4201515.02	2728.83123	0.00291	0.00293	0.01284	0.01303	3.64E-06	4.57E-08	4.66E-08	3.27E-07	3.31E-07	4.3916E-06
605193.13	4201585.31	2495.00931	0.0028	0.00283	0.01279	0.01299	3.33E-06	4.40E-08	4.50E-08	3.26E-07	3.30E-07	4.0739E-06
605201.19	4201601.43	2431.04091	0.00275	0.00278	0.01274	0.01294	3.24E-06	4.32E-08	4.42E-08	3.25E-07	3.28E-07	3.9844E-06
605202.19	4201404.28	3819.28723	0.00367	0.00368	0.01494	0.01516	5.10E-06	5.76E-08	5.86E-08	3.81E-07	3.85E-07	5.9782E-06
605207.14	4201438.92	3422.14723	0.00343	0.00344	0.01424	0.01445	4.57E-06	5.39E-08	5.47E-08	3.63E-07	3.67E-07	5.4048E-06
605207.2	4201501	2855.33751	0.00301	0.00303	0.01315	0.01335	3.81E-06	4.73E-08	4.82E-08	3.35E-07	3.39E-07	4.5796E-06
605208.1	4201623.31	2323.97778	0.00265	0.00268	0.01256	0.01276	3.10E-06	4.16E-08	4.26E-08	3.20E-07	3.24E-07	3.8293E-06
605226.39	4201488.08	2994.2288	0.00311	0.00313	0.01351	0.01371	4.00E-06	4.88E-08	4.98E-08	3.44E-07	3.48E-07	4.7864E-06
605226.91	4201528.1	2741.2959	0.00293	0.00295	0.01316	0.01336	3.66E-06	4.60E-08	4.69E-08	3.35E-07	3.39E-07	4.4254E-06
605227.67	4201640.58	2294.60534	0.00263	0.00266	0.01267	0.01288	3.06E-06	4.13E-08	4.23E-08	3.23E-07	3.27E-07	3.7953E-06
605241.22	4201548.03	2696.01709	0.00291	0.00294	0.01329	0.0135	3.60E-06	4.57E-08	4.68E-08	3.39E-07	3.42E-07	4.3713E-06
605249.55	4201659	2277.3167	0.00262	0.00265	0.01285	0.01306	3.04E-06	4.12E-08	4.22E-08	3.27E-07	3.31E-07	3.7810E-06
605251.44	4201595.54	2569.34984	0.00286	0.00289	0.01342	0.01363	3.43E-06	4.49E-08	4.60E-08	3.42E-07	3.46E-07	4.2073E-06
605251.89	4201403.82	3859.29586	0.00366	0.00367	0.01505	0.01526	5.15E-06	5.75E-08	5.84E-08	3.83E-07	3.87E-07	6.0366E-06
605255.31	4201424.35	3672.58648	0.00356	0.00357	0.01486	0.01507	4.90E-06	5.59E-08	5.68E-08	3.79E-07	3.82E-07	5.7746E-06
605262.68	4201624.15	2459.26414	0.00278	0.0028	0.01333	0.01355	3.28E-06	4.37E-08	4.46E-08	3.40E-07	3.44E-07	4.0534E-06
605269.83	4201576.12	2718.25745	0.00298	0.00301	0.01384	0.01407	3.63E-06	4.68E-08	4.79E-08	3.53E-07	3.57E-07	4.4317E-06
605271.43	4201670.51	2275.15833	0.00263	0.00265	0.01303	0.01326	3.04E-06	4.13E-08	4.22E-08	3.32E-07	3.36E-07	3.7880E-06
605272.78	4201468.12	3223.20827	0.00324	0.00326	0.01411	0.01431	4.30E-06	5.09E-08	5.19E-08	3.59E-07	3.63E-07	5.1266E-06
605279.99	4201489.75	3063.36092	0.00312	0.00314	0.01391	0.01411	4.09E-06	4.90E-08	5.00E-08	3.54E-07	3.58E-07	4.8993E-06
605283.25	4201614.66	3883.68842	0.00368	0.00369	0.01537	0.01559	5.18E-06	5.78E-08	5.87E-08	3.92E-07	3.96E-07	6.0863E-06
605285.4	4201543.23	2815.006	0.00299	0.00302	0.01383	0.01404	3.76E-06	4.70E-08	4.81E-08	3.52E-07	3.56E-07	4.5601E-06
605286.18	4201633.34	2462.94128	0.00278	0.00281	0.01354	0.01377	3.29E-06	4.37E-08	4.47E-08	3.45E-07	3.49E-07	4.0694E-06
605286.6	4201513.79	2926.74446	0.00303	0.00306	0.01381	0.01402	3.91E-06	4.76E-08	4.87E-08	3.52E-07	3.56E-07	4.7095E-06
605288.7	4201676.27	2277.03789	0.00263	0.00265	0.01318	0.0134	3.04E-06	4.13E-08	4.22E-08	3.36E-07	3.40E-07	3.7979E-06
605303.55	4201645.09	2423.45746	0.00274	0.00277	0.01358	0.01381	3.23E-06	4.30E-08	4.41E-08	3.46E-07	3.50E-07	4.0175E-06
605305.23	4201576.28	2840.61721	0.00308	0.00311	0.01448	0.01471	3.79E-06	4.84E-08	4.95E-08	3.69E-07	3.73E-07	4.6307E-06
605306.62	4201416.94	4034.79659	0.00379	0.0038	0.01592	0.01616	5.38E-06	5.95E-08	6.05E-08	4.06E-07	4.10E-07	6.3199E-06
605315.44	4201466.31	3403.56125	0.00337	0.00339	0.01478	0.01499	4.54E-06	5.29E-08	5.39E-08	3.77E-07	3.80E-07	5.4057E-06
605322.05	4201586.49	2866.42816	0.00311	0.00314	0.01479	0.01504	3.83E-06	4.88E-08	5.00E-08	3.77E-07	3.82E-07	4.6823E-06
605331.61	4201420.86	4177.97383	0.00388	0.0039	0.01649	0.01673	5.58E-06	6.09E-08	6.21E-08	4.20E-07	4.24E-07	6.5429E-06
605335.73	4201683.92	2321.74453	0.00267	0.00269	0.01368	0.01391	3.10E-06	4.19E-08	4.28E-08	3.48E-07	3.53E-07	3.8845E-06
605338.73	4201527.72	2955.03262	0.00305	0.00307	0.0143	0.01451	3.94E-06	4.79E-08	4.88E-08	3.64E-07	3.68E-07	4.7726E-06
605341.29	4201471.54	3470.66414	0.00343	0.00345	0.01516	0.01539	4.63E-06	5.39E-08	5.49E-08	3.86E-07	3.90E-07	5.5169E-06
605343.08	4201606.92	2823.70201	0.00309	0.00312	0.01499	0.01525	3.77E-06	4.85E-08	4.96E-08	3.82E-07	3.87E-07	4.6351E-06
605346.39	4201549.18	2910.09137	0.00305	0.00308	0.01449	0.01472	3.88E-06	4.79E-08	4.90E-08	3.69E-07	3.73E-07	4.7230E-06
605347.42	4201504.74	3131.71038	0.00316	0.00319	0.01457	0.01478	4.18E-06	4.96E-08	5.08E-08	3.71E-07	3.75E-07	5.0257E-06
605353.26	4201422.76	4296.18422	0.00395	0.00397	0.01692	0.01717	5.73E-06	6.20E-08	6.32E-08	4.31E-07	4.36E-07	6.7250E-06
605355.14	4201690.56	2334.12252	0.00269	0.00271	0.01389	0.01414	3.11E-06	4.23E-08	4.31E-08	3.54E-07	3.59E-07	3.9128E-06
605358.21	4201654.29	2532.14649	0.00285	0.00287	0.0144	0.01465	3.38E-06	4.48E-08	4.57E-08	3.67E-07	3.72E-07	4.2080E-06
605363.25	4201470.52	3610.1286	0.00353	0.00356	0.01568	0.01592	4.82E-06	5.54E-08	5.66E-08	3.99E-07	4.04E-07	5.7331E-06
605367.72	4201603.92	2944.65045	0.00319	0.00322	0.01557	0.01584	3.93E-06	5.01E-08	5.12E-08	3.97E-07	4.02E-07	4.8294E-06
605371.93	4201559.39	2960.38872	0.00311	0.00314	0.01495	0.01518	3.95E-06	4.88E-08	5.00E-08	3.81E-07	3.85E-07	4.8154E-06
605375.91	4201424.82	4378.85202	0.004	0.00402	0.01725	0.0175	5.84E-06	6.28E-08	6.40E-08	4.39E-07	4.44E-07	6.8537E-06
605379.67	4201688.01	2397.07364	0.00275	0.00277	0.01428	0.01453	3.20E-06	4.32E-08	4.41E-08	3.64E-07	3.69E-07	4.0185E-06
605382.73	4201653.78	2598.38743	0.00291	0.00293	0.0148	0.01506	3.47E-06	4.57E-08	4.66E-08	3.77E-07	3.82E-07	4.3189E-06
605391.16	4201606.92	3051.87714	0.00328	0.00332	0.01617	0.01645	4.07E-06	5.15E-08	5.28E-08	4.12E-07	4.17E-07	5.0063E-06
605392.87	4201547.64	2994.66644	0.00309	0.00312	0.01496	0.01518	4.00E-06	4.85E-08	4.96E-08	3.81E-07	3.85E-07	4.8607E-06
605397.74	4201432.23	4335.8844	0.00397	0.00399	0.01731	0.01757	5.79E-06	6.24E-08	6.35E-08	4.41E-07	4.46E-07	6.7987E-06
605400.1	4201689.03	2434.48395	0.00278	0.0028	0.01457	0.01482	3.25E-06	4.37E-08	4.46E-08	3.71E-07	3.76E-07	4.0841E-06
605401.04	4201524.15	3110.90095	0.00313	0.00316	0.015	0.01521	4.15E-06	4.92E-08	5.03E-08	3.82E-07	3.86E-07	5.0189E-06
605402.58	4201503.72	3274.66093	0.00324	0.00327	0.0152	0.01542	4.37E-06	5.09E-08	5.20E-08	3.87E-07	3.91E-07	5.2513E-06
605407.25	4201655.82	2638.25955	0.00294	0.00297	0.01513	0.0154	3.52E-06	4.62E-08	4.73E-08	3.85E-07	3.91E-07	4.3903E-06
605407.68	4201483.8	3532.37185	0.00344	0.00347	0.01574	0.01596	4.71E-06	5.40E-08	5.52E-08	4.01E-07	4.05E-07	5.6290E-06
605416.39	4201604.52	3119.2205	0.00333	0.00336	0.01653	0.01682	4.16E-06	5.23E-08	5.35E-08	4.21E-07	4.27E-07	5.1161E-06
605416.69	4201438.82	4282.40943	0.00394	0.00396	0.01732	0.01758	5.71E-06	6.19E-08	6.30E-08	4.41E-07	4.46E-07	6.7269E-06
605423.6	4201689.54	2471.99437	0.00281	0.00283	0.01487	0.01514	3.30E-06	4.41E-08	4.50E-08	3.79E-07	3.84E-07	4.1509E-06
605425.13	4201659.91	2650.78597	0.00295	0.00298	0.01533	0.0156	3.54E-06	4.63E-08	4.74E-08	3.91E-07	3.96E-07	4.4175E-06
605438.52	4201442.12	4288.16608	0.00393	0.00395	0.01743	0.0177	5.72E-06	6.17E-08	6.29E-08	4.44E-07	4.49E-07	6.7401E-06
605439.23	4201611.73	3135.02861	0.00334	0.00337	0.01681	0.01711	4.18E-06	5.25E-08	5.36E-08	4.28E-07	4.34E-07	5.1520E-06
605440.46	4201696.18	2472.25699	0.00282	0.00284	0.01504	0.01531	3.30E-06	4.43E-08	4.52E-08	3.83E-07	3.88E-07	4.1602E-06
605441.9	4201530.28	3223.10907	0.00323	0.00326	0.01565	0.01588	4.30E-06	5.07E-08	5.19E-08	3.99E-07	4.03E-07	5.2053E-06
605441.9	4201555.3	3175.15642	0.00326	0.00329	0.01597	0.01622	4.24E-06	5.12E-08	5.24E-08	4.07E-07	4.11E-07	5.1591E-06
605448.12	4201661.95	2704.66148	0.003	0.00303	0.01571	0.016	3.61E-06	4.71E-08	4.82E-08	4.00E-07	4.06E-07	4.5108E-06
605450.08	4201487.89	3606.07445	0.00347	0.0035	0.01616	0.0164	4.81E-06	5.45E-08	5.57E-08	4.12E-07	4.16E-07	5.7502E-06
605450.59	4201506.27	3426.58745	0.00335	0.00338	0.01592	0.01615	4.57E-06	5.26E-08	5.38E-08	4.06E-07	4.10E-07	5.4944E-06
605456.65	4201611.13	3187.72242	0.00338	0.00341	0.0171	0.0174	4.25E-06	5.31E-08	5.43E-08	4.36E-07	4.41E-07	5.2384E-06
605459.12	4201443.35	4329.42746	0.00394	0.00397	0.01761	0.01788	5.78E-06	6.19E-08	6.32E-08	4.49E-07	4.54E-07	6.8048E-06
605462.43	4201701.8	2490.2883	0.00284	0.00286	0.01531	0.01559	3.32E-06	4.46E-08	4.55E-08	3.90E-07	3.96E-07	4.1989E-06
605466.42	4201572.67	3264.58366	0.00337	0.0034	0.01676	0.01703	4.36E-06	5.29E-08	5.41E-08	4.27E-07	4.32E-07	5.3226E-06
605467.03	4201661.95	2775.15754	0.00307	0.00309	0.01613	0.01642	3.70E-06	4.82E-08	4.92E-08	4.11E-07	4.17E-07	4.6283E-06
605483.09	4201613.53	3245.02844	0.00342	0.00345	0.0175	0.01781	4.33E-06	5.37E-08	5.49E-08	4.46E-07	4.52E-07	5.3367E-06
605483.88	4201705.38	2533.18485	0.00289	0.0029	0.01567	0.01596	3.38E-06	4.54E-08	4.61E-08	3.99E-07	4.05E-07	4.2761E-06
605484.66	4201447.47	4361.09949	0.00395	0.00398	0.01785	0.01812	5.82E-06	6.20E-08	6.33E-08	4.55E-07	4.60E-07	6.8596E-06
605492.57	4201664	2867.93779	0.00316	0.00318	0.0167	0.01701	3.83E-06	4.96E-08	5.06E-08	4.25E-07	4.32E-07	4.7844E-06
605492.98	4201561.94	3309.66876	0.00336	0.0034	0.01681	0.01708	4.42E-06	5.28E-08	5.41E-08	4.28E-07	4.33E-07	5.3851E-06
605498.6	4201538.96	3345.72392	0.00332	0.00335	0.01647	0.01671	4.46E-06	5.21E-08	5.33E-08	4.20E-07	4.24E-07	5.4138E-06
605501.15	4201514.96	3496.06658	0.00338	0.00341	0.01649	0.01673	4.67E-06	5.31E-08	5.43E-08	4.20E-07	4.24E-07	5.6173E-06
605502.92	4201612.33	3293.90594	0.00345	0.00349	0.01778	0.01809	4.40E-06	5.42E-08	5.55E-08	4.53E-07	4.59E-07	5.4173E-06
605503.19	4201494.01	3706.22914	0.00351	0.00355	0.01676	0.01701	4.95E-06	5.51E-08	5.65E-08	4.27E-07	4.32E-07	5.9160E-06
605504.84	4201447.88	4484.41015	0.00402	0.00405	0.01829	0.01858	5.98E-06	6.31E-08	6.44E-08	4.66E-07	4.71E-07	7.0493E-06
605506.45	4201709.81	2599.04656	0.00296	0.00298	0.01616	0.01647	3.47E-06	4.65E-08	4.74E-08	4.12E-07	4.18E-07	4.3918E-06
605507.9	4201666.04	2932.38025	0.00322	0.00324	0.0171	0.01742	3.91E-06	5.06E-08	5.16E-08	4.36E-07	4.42E-07	4.8929E-06
605523.95	4201611.73	3352.35138	0.00349	0.00352	0.0181	0.01842	4.47E-06	5.48E-08	5.60E-08	4.61E-07	4.67E-07	5.5129E-06
605525.44	4201543.41	4715.61961	0.00416	0.00419	0.01899	0.01929	6.29E-06	6.53E-08	6.67E-08	4.84E-07	4.89E-07	7.3981E-06
605529.85	4201708.66	2695.284	0.00305	0.00307	0.01673	0.01705	3.60E-06	4.79E-08	4.88E-08	4.26E-07	4.33E-07	4.5523E-06
605535.44	4201664.55	3093.54599	0.00336	0.00338	0.01794	0.01827	4.13E-06	5.28E-08	5.38E-08	4.57E-07	4.64E-07	5.1554E-06
605544.56	4201490.44	3916.00871	0.00364	0.00368	0.01752	0.01779	5.23E-06	5.72E-08	5.86E-08	4.46E-07	4.51E-07	6.2392E-06
605546.45	4201443.77	4881.36996	0.00424	0.00428	0.01949	0.0198	6.51E-06	6.66E-08	6.81E-08	4.96E-07	5.02E-07	7.6476E-06
605546.79	4201603.32	3404.86006	0.00351	0.00354	0.01826	0.01857	4.54E-06	5.51E-08	5.63E-08	4.65E-07	4.71E-07	5.5915E-06
605547.12	4201515.47	3628.63134	0.00345	0.00349	0.01711	0.01737	4.84E-06	5.42E-08	5.55E-08	4.36E-07	4.41E-07	5.8286E-06
605553.76	4201533.34	3493.54876	0.00337	0.00341	0.01706	0.01732	4.66E-06	5.29E-08	5.43E-08	4.35E-07	4.39E-07	5.6433E-06
605554.89	4201703.55	2854.64585	0.00319	0.00321	0.01754	0.01788	3.81E-06	5.01E-08	5.11E-08	4.47E-07	4.54E-07	4.8111E-06
605558.77	4201654.65	3316.41993	0.00353	0.00355	0.01887	0.01922	4.43E-06	5.54E-08	5.65E-08	4.81E-07	4.88E-07	5.5059E-06
605564.99	4201556.84	3413.9196	0.00337	0.0034	0.01734	0.01761	4.56E-06	5.29E-08	5.41E-08	4.42E-07	4.47E-07	5.5513E-06
605565.42	4201590.1	3430.19057	0.00349	0.00352	0.01816	0.01846	4.58E-06	5.48E-08	5.60E-08	4.63E-07	4.68E-07	5.6193E-06
605567.46	4201442.94	4870.04078	0.00421	0.00424	0.01945	0.01976	6.50E-06	6.61E-08	6.75E-08	4.95E-07	5.01E-07	7.6294E-06
605573.79	4201690.78	3063.59229	0.00336	0.00338	0.0184	0.01876	4.09E-06	5.28E-08	5.38E-08	4.69E-07	4.76E-07	5.1395E-06
605579.28	4201648.29	3438.99459	0.00361	0.00364	0.01938	0.01974	4.59E-06	5.67E-08	5.79E-08	4.94E-07	5.01E-07	5.6984E-06
605581.34	4201577.78	3446.20395	0.00345	0.00349	0.01801	0.01831	4.60E-06	5.42E-08	5.55E-08	4.59E-07	4.65E-07	5.6319E-06
605585.21	4201494.54	4005.36895	0.00368	0.00371	0.01804	0.01832	5.35E-06	5.78E-08	5.90E-08	4.60E-07	4.65E-07	6.3863E-06
605590.11	4201443.35	4882.80933	0.00419	0.00423	0.01952	0.01983	6.52E-06	6.58E-08	6.73E-08	4.97E-07	5.03E-07	7.6495E-06
605590.91	4201684.04	3228.74242	0.00349	0.00351	0.01912	0.01949	4.31E-06	5.48E-08	5.59E-08	4.87E-07	4.94E-07	5.4009E-06
605596.96	4201631.32	3505.7679	0.00363	0.00365	0.01944	0.01979	4.68E-06	5.70E-08	5.81E-08	4.95E-07	5.04E-07	5.7908E-06
605608.24	4201447.88	4875.24867	0.00418	0.00421	0.01966	0.01997	6.51E-06	6.57E-08	6.70E-08	5.01E-07	5.07E-07	7.6460E-06
605612.32	4201491.81	4211.72385	0.00381	0.00385	0.01877	0.01907	5.62E-06	5.98E-08	6.13E-08	4.78E-07	4.84E-07	6.7035E-06
605612.51	4201618.59	3522.67926	0.00361	0.00363	0.01932	0.01967	4.70E-06	5.67E-08	5.78E-08	4.92E-07	4.99E-07	5.8066E-06
605617.05	4201550.42	3611.88384	0.00347	0.00351	0.01814	0.01843	4.82E-06	5.45E-08	5.59E-08	4.62E-07	4.68E-07	5.8600E-06
605617.31	4201676.04	3436.53249	0.00364	0.00366	0.02003	0.02042	4.59E-06	5.72E-08	5.82E-08	5.10E-07	5.18E-07	5.7297E-06
605622.85	4201440.76	5094.21765	0.00428	0.00432	0.02013	0.02045	6.80E-06	6.72E-08	6.87E-08	5.13E-07	5.19E-07	7.9657E-06
605629.67	4201535.39	3784.36597	0.00357	0.0036	0.01846	0.01875	5.05E-06	5.61E-08	5.73E-08	4.70E-07	4.76E-07	6.1095E-06
605633.16	4201493.26	4386.04517	0.00394	0.00398	0.01949	0.01981	5.85E-06	6.19E-08	6.33E-08	4.96E-07	5.03E-07	6.9774E-06
605646.71	4201591.06	3573.20845	0.00355	0.00358	0.01907	0.0194	4.77E-06	5.58E-08	5.70E-08	4.86E-07	4.92E-07	5.8591E-06
605651.9	4201523.98	4024.31791	0.00372	0.00376	0.01912	0.01943	5.37E-06	5.84E-08	5.98E-08	4.87E-07	4.93E-07	6.4687E-06

605652.06	4201496.17	4495.1288	0.00402	0.00406	0.02002	0.02035	6.00E-06	6.31E-08	6.46E-08	5.10E-07	5.16E-07	7.1527E-06
605652.36	4201436.02	5478.45899	0.00448	0.00452	0.02116	0.0215	7.31E-06	7.04E-08	7.19E-08	5.39E-07	5.45E-07	8.5377E-06
605663.57	4201579.82	3620.25642	0.00353	0.00356	0.01906	0.01938	4.83E-06	5.54E-08	5.66E-08	4.86E-07	4.92E-07	5.9205E-06
605664.73	4201615.37	3611.84251	0.00364	0.00366	0.01985	0.0202	4.82E-06	5.72E-08	5.82E-08	5.06E-07	5.12E-07	5.9535E-06
605666.66	4201657.64	3664.56435	0.00378	0.0038	0.02091	0.02131	4.89E-06	5.94E-08	6.05E-08	5.33E-07	5.41E-07	6.0834E-06
605667.86	4201640.21	3623.02033	0.0037	0.00373	0.02042	0.02079	4.83E-06	5.81E-08	5.94E-08	5.20E-07	5.27E-07	6.0000E-06
605676.3	4201482.12	4992.40949	0.00431	0.00435	0.02132	0.02168	6.66E-06	6.77E-08	6.92E-08	5.43E-07	5.50E-07	7.8923E-06
605679.28	4201449.87	5639.01275	0.00461	0.00465	0.02219	0.02255	7.53E-06	7.24E-08	7.40E-08	5.65E-07	5.72E-07	8.8089E-06
605679.91	4201566.03	3721.81831	0.00356	0.00359	0.01919	0.01951	4.97E-06	5.59E-08	5.71E-08	4.89E-07	4.95E-07	6.0619E-06
605680.74	4201532.99	4031.09538	0.00372	0.00376	0.01949	0.01981	5.38E-06	5.84E-08	5.98E-08	4.96E-07	5.03E-07	6.4968E-06
605752.64	4201613.91	3905.76115	0.0038	0.00383	0.02139	0.02178	5.21E-06	5.97E-08	6.09E-08	5.45E-07	5.53E-07	6.4303E-06
605753.43	4201572.13	3965.29491	0.0037	0.00373	0.02058	0.02094	5.29E-06	5.81E-08	5.94E-08	5.24E-07	5.31E-07	6.4646E-06
605753.43	4201592.62	3905.16587	0.00373	0.00376	0.02088	0.02125	5.21E-06	5.86E-08	5.98E-08	5.32E-07	5.39E-07	6.4008E-06
605755.8	4201636.77	4080.06293	0.004	0.00403	0.02258	0.02301	5.44E-06	6.28E-08	6.41E-08	5.75E-07	5.84E-07	6.7307E-06
605756.59	4201659.63	4179.86476	0.00412	0.00414	0.02342	0.02387	5.58E-06	6.47E-08	6.59E-08	5.97E-07	6.06E-07	6.9107E-06
605756.59	4201550.06	4167.72506	0.00379	0.00383	0.02075	0.02111	5.56E-06	5.95E-08	6.09E-08	5.29E-07	5.36E-07	6.7464E-06
605757.37	4201681.7	4094.6255	0.0041	0.00412	0.02348	0.02394	5.46E-06	6.44E-08	6.56E-08	5.98E-07	6.07E-07	6.7997E-06
605758.95	4201524.04	4607.90049	0.00407	0.00411	0.02159	0.02196	6.15E-06	6.39E-08	6.54E-08	5.50E-07	5.57E-07	7.3856E-06
605760.53	4201505.91	5045.57785	0.00433	0.00438	0.02251	0.0229	6.73E-06	6.80E-08	6.97E-08	5.73E-07	5.81E-07	8.0253E-06
605762.1	4201482.26	5723.12474	0.00469	0.00474	0.02382	0.02422	7.64E-06	7.37E-08	7.54E-08	6.07E-07	6.14E-07	9.0078E-06
605764.55	4201731.52	3661.07298	0.00383	0.00384	0.02249	0.02295	4.89E-06	6.02E-08	6.11E-08	5.73E-07	5.82E-07	6.1621E-06
605767.62	4201463.35	6094.83064	0.00483	0.00488	0.02416	0.02456	8.13E-06	7.59E-08	7.77E-08	6.15E-07	6.23E-07	9.5255E-06
605767.9	4201752.3	3492.58858	0.00372	0.00373	0.02204	0.0225	4.66E-06	5.84E-08	5.94E-08	5.61E-07	5.71E-07	5.9109E-06
605767.9	4201771.74	3358.65345	0.00363	0.00364	0.02165	0.02211	4.48E-06	5.70E-08	5.79E-08	5.52E-07	5.61E-07	5.7094E-06
605768.57	4201808.61	3255.06438	0.00358	0.00359	0.02143	0.0219	4.34E-06	5.62E-08	5.71E-08	5.46E-07	5.56E-07	5.5587E-06
605774.72	4201432.6	6307.92373	0.00479	0.00484	0.0234	0.02377	8.42E-06	7.52E-08	7.70E-08	5.96E-07	6.03E-07	9.7692E-06
605796.05	4201826.04	3424.49927	0.00372	0.00372	0.02228	0.02279	4.57E-06	5.84E-08	5.92E-08	5.68E-07	5.78E-07	5.8333E-06
605803.82	4201672.8	4426.92894	0.00429	0.00431	0.02478	0.02528	5.91E-06	6.74E-08	6.86E-08	6.31E-07	6.41E-07	7.3162E-06
605804.38	4201419.48	6425.21297	0.0047	0.00475	0.02296	0.02329	8.57E-06	7.38E-08	7.56E-08	5.85E-07	5.91E-07	9.8995E-06
605804.49	4201580.95	4619.7761	0.00423	0.00426	0.0235	0.02394	6.17E-06	6.64E-08	6.78E-08	5.99E-07	6.07E-07	7.5052E-06
605810.53	4201617.83	4751.78476	0.00441	0.00443	0.02491	0.02539	6.34E-06	6.93E-08	7.05E-08	6.35E-07	6.44E-07	7.7596E-06
605814.67	4201508.36	5741.19481	0.00474	0.00479	0.02496	0.02539	7.66E-06	7.45E-08	7.62E-08	6.36E-07	6.44E-07	9.0922E-06
605814.67	4201534.29	5225.4926	0.0045	0.00454	0.02423	0.02466	6.97E-06	7.07E-08	7.22E-08	6.17E-07	6.26E-07	8.3591E-06
605816.17	4201744.25	3626.57664	0.00378	0.00379	0.02272	0.02319	4.84E-06	5.94E-08	6.03E-08	5.79E-07	5.88E-07	6.1264E-06
605819.2	4201487.79	5971.95741	0.00479	0.00484	0.02486	0.02527	7.97E-06	7.52E-08	7.70E-08	6.33E-07	6.41E-07	9.3961E-06
605820.86	4201722.13	3856.33352	0.00393	0.00394	0.0234	0.02388	5.15E-06	6.17E-08	6.27E-08	5.96E-07	6.06E-07	6.4726E-06
605820.86	4201768.39	3375.20441	0.00359	0.0036	0.02196	0.02241	4.50E-06	5.64E-08	5.73E-08	5.59E-07	5.69E-07	5.7458E-06
605823.31	4201467.62	6112.40036	0.00478	0.00483	0.02441	0.02479	8.16E-06	7.51E-08	7.69E-08	6.22E-07	6.29E-07	9.5596E-06
605826.19	4201439.64	6339.37863	0.00474	0.00479	0.0237	0.02405	8.46E-06	7.45E-08	7.62E-08	6.04E-07	6.10E-07	9.8244E-06
605827.96	4201666.77	4626.10247	0.0044	0.00442	0.02551	0.02602	6.17E-06	6.91E-08	7.03E-08	6.50E-07	6.60E-07	7.6229E-06
605829.3	4201579.61	5082.39924	0.00452	0.00456	0.02518	0.02565	6.78E-06	7.10E-08	7.26E-08	6.41E-07	6.51E-07	8.2181E-06
605830.25	4201806.6	3425.60546	0.00368	0.00368	0.02242	0.02291	4.57E-06	5.78E-08	5.86E-08	5.71E-07	5.81E-07	5.8401E-06
605842.32	4201838.78	3670.34646	0.00389	0.00389	0.02346	0.024	4.90E-06	6.11E-08	6.19E-08	5.98E-07	6.09E-07	6.2275E-06
605846.73	4201613.8	5214.78463	0.00468	0.00471	0.02657	0.02708	6.96E-06	7.35E-08	7.49E-08	6.77E-07	6.87E-07	8.4714E-06
605847.01	4201720.79	3896.6651	0.00393	0.00394	0.02365	0.02415	5.20E-06	6.17E-08	6.27E-08	6.02E-07	6.13E-07	6.5396E-06
605848.35	4201757.66	3489.54284	0.00364	0.00365	0.02245	0.02292	4.66E-06	5.72E-08	5.81E-08	5.72E-07	5.81E-07	5.9254E-06
605850.75	4201582.29	5377.01384	0.0047	0.00473	0.02632	0.02681	7.18E-06	7.38E-08	7.53E-08	6.70E-07	6.80E-07	8.6753E-06
605851.42	4201667.44	4668.19419	0.00441	0.00442	0.02577	0.02629	6.23E-06	6.93E-08	7.03E-08	6.56E-07	6.67E-07	7.6927E-06
605854.59	4201515.36	5844.59535	0.00478	0.00482	0.02561	0.02605	7.80E-06	7.51E-08	7.67E-08	6.52E-07	6.61E-07	9.2646E-06
605854.59	4201537.17	5746.33812	0.0048	0.00484	0.02611	0.02657	7.67E-06	7.54E-08	7.70E-08	6.65E-07	6.74E-07	9.1600E-06
605857.05	4201470.09	6026.47462	0.00466	0.00471	0.02419	0.02456	8.04E-06	7.32E-08	7.49E-08	6.16E-07	6.23E-07	9.4297E-06
605857.05	4201491.49	5905.76506	0.0047	0.00475	0.02482	0.02522	7.88E-06	7.38E-08	7.56E-08	6.32E-07	6.40E-07	9.3027E-06
605860.35	4201439.64	6361.03594	0.00465	0.0047	0.02358	0.02391	8.49E-06	7.30E-08	7.48E-08	6.01E-07	6.07E-07	9.8438E-06
605865.78	4201716.1	3977.09459	0.00397	0.00398	0.02399	0.0245	5.31E-06	6.24E-08	6.33E-08	6.11E-07	6.22E-07	6.6657E-06
605870.86	4201658.05	4860.86679	0.0045	0.00452	0.02636	0.0269	6.49E-06	7.07E-08	7.19E-08	6.71E-07	6.82E-07	7.9833E-06
605872.48	4201754.31	3595.1621	0.0037	0.00371	0.02295	0.02343	4.80E-06	5.81E-08	5.90E-08	5.85E-07	5.94E-07	6.0939E-06
605873.15	4201846.82	3872.85969	0.00403	0.00403	0.02435	0.02491	5.17E-06	6.33E-08	6.41E-08	6.20E-07	6.32E-07	6.5480E-06
605875.56	4201623.19	5446.12612	0.00482	0.00485	0.02767	0.02821	7.27E-06	7.57E-08	7.72E-08	7.05E-07	7.16E-07	8.8412E-06
605888.57	4201714.09	4056.91994	0.004	0.00401	0.02438	0.02489	5.41E-06	6.28E-08	6.38E-08	6.21E-07	6.31E-07	6.7930E-06
605889.24	4201803.25	3650.40856	0.00381	0.00381	0.02356	0.02408	4.87E-06	5.98E-08	6.06E-08	6.00E-07	6.11E-07	6.2030E-06
605889.63	4201654.7	4945.04244	0.00453	0.00455	0.02667	0.02721	6.60E-06	7.12E-08	7.24E-08	6.79E-07	6.90E-07	8.1123E-06
605892.86	4201424.83	6719.86786	0.00463	0.00468	0.02348	0.02379	8.97E-06	7.27E-08	7.45E-08	5.98E-07	6.04E-07	1.0316E-05
605893.94	4201834.09	3925.33531	0.00405	0.00405	0.02463	0.0252	5.24E-06	6.36E-08	6.44E-08	6.27E-07	6.39E-07	6.6331E-06
605895.28	4201750.29	3719.3805	0.00377	0.00378	0.02351	0.024	4.96E-06	5.92E-08	6.01E-08	5.99E-07	6.09E-07	6.2906E-06
605904.79	4201542.52	5590.05555	0.00464	0.00467	0.02586	0.0263	7.46E-06	7.29E-08	7.43E-08	6.59E-07	6.67E-07	8.9330E-06
605905.72	4201609.78	5839.52985	0.00501	0.00503	0.02872	0.02926	7.79E-06	7.87E-08	8.00E-08	7.32E-07	7.42E-07	9.4254E-06
605907.73	4201585.65	5962.36395	0.00501	0.00504	0.02845	0.02897	7.96E-06	7.87E-08	8.02E-08	7.25E-07	7.35E-07	9.5753E-06
605908.49	4201515.36	5693.45456	0.00457	0.00461	0.02511	0.02551	7.60E-06	7.18E-08	7.34E-08	6.40E-07	6.47E-07	9.0298E-06
605910.7	4201707.38	4220.18115	0.00409	0.0041	0.025	0.02554	5.63E-06	6.42E-08	6.52E-08	6.37E-07	6.48E-07	7.0460E-06
605911.09	4201656.04	4935.66421	0.00451	0.00452	0.02675	0.02729	6.59E-06	7.08E-08	7.19E-08	6.81E-07	6.92E-07	8.1031E-06
605913.84	4201470.5	5999.12864	0.00444	0.00449	0.02384	0.02416	8.01E-06	6.97E-08	7.14E-08	6.07E-07	6.13E-07	9.3672E-06
605915.08	4201442.93	6481.95711	0.00454	0.0046	0.02371	0.02402	8.65E-06	7.13E-08	7.32E-08	6.04E-07	6.09E-07	1.0008E-05
605915.39	4201747.61	3847.72261	0.00385	0.00386	0.02407	0.02459	5.13E-06	6.05E-08	6.14E-08	6.13E-07	6.24E-07	6.4936E-06
605915.9	4201491.49	5855.36232	0.0045	0.00455	0.02448	0.02484	7.81E-06	7.07E-08	7.24E-08	6.24E-07	6.30E-07	9.2108E-06
605926.78	4201793.19	3699.01726	0.00378	0.00379	0.02388	0.0244	4.94E-06	5.94E-08	6.03E-08	6.08E-07	6.19E-07	6.2833E-06
605928.13	4201818.67	3911.19123	0.004	0.004	0.02474	0.0253	5.22E-06	6.28E-08	6.36E-08	6.30E-07	6.42E-07	6.6180E-06
605933.21	4201650.01	5203.61217	0.00465	0.00466	0.02762	0.02818	6.94E-06	7.30E-08	7.41E-08	7.04E-07	7.15E-07	8.5098E-06
605933.49	4201706.71	4357.13827	0.00417	0.00418	0.0256	0.02615	5.81E-06	6.55E-08	6.65E-08	6.52E-07	6.63E-07	7.2621E-06
605935.89	4201593.02	6217.06049	0.00515	0.00517	0.02949	0.03003	8.30E-06	8.09E-08	8.23E-08	7.51E-07	7.62E-07	9.9728E-06
605941.53	4201742.91	4072.82602	0.004	0.00401	0.025	0.02554	5.44E-06	6.28E-08	6.38E-08	6.37E-07	6.48E-07	6.8466E-06
605949.23	4201544.16	5881.11181	0.00475	0.00479	0.02681	0.02726	7.85E-06	7.46E-08	7.62E-08	6.83E-07	6.92E-07	9.3736E-06
605949.58	4201844.81	4218.04735	0.00423	0.00422	0.02589	0.0265	5.63E-06	6.64E-08	6.71E-08	6.60E-07	6.72E-07	7.0943E-06
605950.05	4201518.65	5936.3346	0.00465	0.00469	0.02591	0.02631	7.92E-06	7.30E-08	7.46E-08	6.60E-07	6.67E-07	9.3971E-06
605951.7	4201477.5	6259.88968	0.00456	0.00461	0.02479	0.02513	8.35E-06	7.16E-08	7.34E-08	6.31E-07	6.38E-07	9.7678E-06
605954.66	4201647.32	5452.2612	0.00477	0.00479	0.02845	0.02902	7.28E-06	7.49E-08	7.62E-08	7.25E-07	7.36E-07	8.8881E-06
605954.99	4201496.02	6128.54122	0.00462	0.00466	0.02538	0.02575	8.18E-06	7.26E-08	7.41E-08	6.47E-07	6.53E-07	9.6250E-06
605956.28	4201701.35	4616.48615	0.00433	0.00433	0.02656	0.02712	6.16E-06	6.80E-08	6.89E-08	6.77E-07	6.88E-07	7.6622E-06
605957.05	4201448.69	7011.13166	0.00484	0.00489	0.02527	0.02561	9.36E-06	7.60E-08	7.78E-08	6.44E-07	6.50E-07	1.0804E-05
605963.66	4201742.24	4288.14474	0.00415	0.00415	0.02588	0.02645	5.72E-06	6.52E-08	6.60E-08	6.59E-07	6.71E-07	7.1840E-06
605964.05	4201596.37	6506.21955	0.00529	0.00531	0.03049	0.03103	8.68E-06	8.31E-08	8.45E-08	7.77E-07	7.87E-07	1.0414E-05
605972.76	4201645.31	5733.42176	0.00492	0.00494	0.02936	0.02994	7.65E-06	7.73E-08	7.86E-08	7.48E-07	7.60E-07	9.3145E-06
605977.33	4201697.33	4912.9464	0.0045	0.00451	0.02761	0.02819	6.56E-06	7.07E-08	7.18E-08	7.03E-07	7.15E-07	8.1172E-06
605978.4	4201840.12	4267.162	0.00424	0.00424	0.02621	0.02683	5.69E-06	6.66E-08	6.75E-08	6.68E-07	6.81E-07	7.1769E-06
605984.21	4201435.94	7948.65897	0.00522	0.00528	0.02672	0.02709	1.06E-05	8.20E-08	8.40E-08	6.81E-07	6.87E-07	1.2141E-05
605984.44	4201737.55	4586.22495	0.00434	0.00435	0.02698	0.02758	6.12E-06	6.82E-08	6.92E-08	6.87E-07	7.00E-07	7.6446E-06
605986.17	4201587.66	6751.10789	0.00536	0.00539	0.03091	0.03145	9.01E-06	8.42E-08	8.58E-08	7.87E-07	7.98E-07	1.0764E-05
605990.47	4201806.6	4055.11412	0.00401	0.00401	0.02551	0.02609	5.41E-06	6.30E-08	6.38E-08	6.50E-07	6.62E-07	6.8500E-06
605993.15	4201787.83	4130.61382	0.00405	0.00404	0.02573	0.02631	5.51E-06	6.36E-08	6.43E-08	6.55E-07	6.67E-07	6.9631E-06
605998.91	4201636.6	6325.91269	0.00522	0.00524	0.03104	0.03162	8.44E-06	8.20E-08	8.34E-08	7.91E-07	8.02E-07	1.0200E-05
605999.86	4201691.29	5299.64601	0.00472	0.00473	0.02887	0.02947	7.07E-06	7.41E-08	7.53E-08	7.35E-07	7.48E-07	8.7048E-06
606001.9	4201500.87	6528.6162	0.00503	0.00507	0.02848	0.02894	8.71E-06	7.90E-08	8.07E-08	7.25E-07	7.34E-07	1.0332E-05
606004.78	4201518.24	6636.16919	0.00497	0.00501	0.02776	0.02819	8.86E-06	7.81E-08	7.97E-08	7.07E-07	7.15E-07	1.0436E-05
606005.22	4201734.87	4809.05901	0.00447	0.00448	0.0278	0.02841	6.42E-06	7.02E-08	7.13E-08	7.08E-07	7.21E-07	7.9880E-06
606005.3	4201499.08	6881.54144	0.00501	0.00505	0.02749	0.02791	9.18E-06	7.87E-08	8.04E-08	7.00E-07	7.08E-07	1.0751E-05
606006.95	4201591.01	6998.01762	0.00548	0.0055	0.03169	0.03224	9.34E-06	8.61E-08	8.75E-08	8.07E-07	8.18E-07	1.1138E-05
606009.49	4201477.75	7323.95775	0.00512	0.00517	0.0275	0.0279	9.77E-06	8.04E-08	8.23E-08	7.01E-07	7.08E-07	1.1345E-05
606012.6	4201448.69	8056.999	0.00529	0.00535	0.02757	0.02796	1.08E-05	8.31E-08	8.51E-08	7.02E-07	7.09E-07	1.2332E-05
606018.35	4201631.9	6529.2201	0.0053	0.00532	0.03151	0.0321	8.71E-06	8.32E-08	8.47E-08	8.03E-07	8.14E-07	1.0498E-05
606026	4201688.61	5577.66117	0.00486	0.00487	0.02977	0.03038	7.44E-06	7.63E-08	7.75E-08	7.58E-07	7.71E-07	9.1262E-06
606028.01	4201804.59	4285.31758	0.00413	0.00413	0.02649	0.0271	5.72E-06	6.49E-08	6.57E-08	6.75E-07	6.88E-07	7.2116E-06
606028.68	4201755.15	4386.08472	0.00419	0.00419	0.02678	0.02739	5.85E-06	6.58E-08	6.67E-08	6.82E-07	6.95E-07	7.3627E-06
606029.35	4201731.52	4908.4016	0.00451	0.00451	0.0282	0.02881	6.55E-06	7.08E-08	7.18E-08	7.18E-07	7.31E-07	8.1421E-06
606029.75	4201589.67	7268.43129	0.00558	0.00561	0.03233	0.03288	9.70E-06	8.76E-08	8.93E-08	8.24E-07	8.34E-07	1.1534E-05
606037.79	4201634.59	6549.34793	0.00529	0.00531	0.0316	0.03219	8.74E-06	8.31E-08	8.45E-08	8.05E-07	8.17E-07	1.0529E-05
606042.76	4201830.73	4549.90369	0.00437	0.00436	0.02753	0.02819	6.07E-06	6.86E-08	6.94E-08	7.01E-07	7.15E-07	7.6263E-06
606048.12	4201685.26	5539.21496	0.00481	0.00482	0.02964	0.03023	7.39E-06	7.56E-08	7.67E-08	7.55E-07	7.67E-07	9.0662E-06
606053.21	4201593.02	7502.80755	0.00568	0.0057	0.03299	0.03355	1.00E-05	8.92E-08	9.07E-08	8.40E-07	8.51E-07	1.1884E-05
606054.16	4201725.48	5048.03219	0.00456	0.00456	0.02867	0.02928	6.74E-06	7.16E-08	7.26E-08	7.30E-07	7.43E-07	8.3539E-06
606054.96	4201471.1	8333.12359	0.00549	0.00554	0.02931	0.02974	1.11E-05	8.62E-08	8.82E-08	7.47E-07	7.54E-07	1.2796E-05
606057.41	4201447.66	9056.07157	0.00566	0.00572	0.02942	0.02984	1.21E-05	8.89E-08	9.10E-08	7.49E-07	7.57E-07	1.3772E-05
606057.76	4201494.89	8226.3939	0.0056	0.00565	0.03045	0.03091	1.10E-05	8.80E-08	8.99E-08	7.76E-07	7.84E-07	1.2716E-05
606058.46	4201539.31	7941.63413	0.00569	0.00572	0.03195	0.03247	1.06E-05	8.94E-08	9.10E-08	8.14E-07	8.24E-07	1.2416E-05
606059.25	4201628.55	6883.66165	0.00543	0.00545	0.03235	0.03293	9.19E-06	8.53E-08	8.67E-08	8.24E-07	8.35E-07	1.1018E-05
606061.96	4201516.57	8083.42218	0.00564	0.00568	0.03121	0.0317	1.08E-05	8.86E-08	9.04E-08	7.95E-07	8.04E-07	1.2565E-05
606070.25	4201675.21	5855.13971	0.00496	0.00496	0.03042	0.03101	7.81E-06	7.79E-08	7.89E-08	7.75E-07	7.87E-07	9.5321E-06
606074.67	4201584.98	7970.9501	0.00585	0.00588	0.03381	0.03437	1.06E-05	9.19E-08	9.36E-08	8.61E-07	8.72E-07	1.2556E-05
606077.62	4201831.4	4779.00345	0.00449	0.00448	0.02851	0.0292	6.38E-06	7.05E-08	7.13E-08	7.26E-07	7.41E-07	7.9864E-06
606078.96	4201722.8	5250.81657	0.00465	0.00465	0.02934	0.02995	7.01E-06	7.30E-08	7.40E-08	7.47E-07	7.60E-07	8.6614E-06
606082.04	4201458.53	7321.14396	0.00562	0.00563	0.03335	0.03394	9.77E-06	8.83E-08	8.96E-08	8.50E-07	8.61E-07	1.1658E-05
606083.3	4201427.03	10625.39104	0.00608	0.00614	0.03084	0.03127	1.42E-05	9.55E-08	9.77E-08	7.86E-07	7.93E-07	1.5952E-05
606085.67	4201779.79	4852.20137	0.00443	0.00443	0.0286	0.02924	6.48E-06	6.96E-08	7.05E-08	7.29E-07	7.42E-07	8.0856E-06
606090.36	4201797.89	4797.67287	0.00441	0.0044	0.02853	0.02919	6.40E-06	6.93E-08	7.00E-08	7.27E-07	7.41E-07	8.0090E-06
606095.72	4201675.21	6201.61864	0.00513	0.00513	0.0314	0.03199	8.28E-06	8.06E-08	8.16E-08	8.00E-07	8.12E-07	1.0050E-05
606099.47	4201581.62	8507.73742	0.00606	0.00609	0.03484	0.0354	1.14E-05	9.52E-08	9.69E-08	8.88E-07	8.98E-07	1.3331E-05
606101.76	4201726.82	5443.57565	0.00475	0.00475	0.03002	0.03063	7.26E-06	7.46E-08	7.56E-08	7.65E-07	7.77E-07	8.9564E-06
606102.82	4201623.19	7803.8853	0.00583	0.00584	0.03447	0.03507	1.04E-05	9.16E-08	9.29E-08	8.78E-07	8.90E-07	1.2366E-05
606107.43	4201441.37	10422.08189	0.00604	0.0061	0.03123	0.03167	1.39E-05	9.49E-08	9.71E-08	7.96E-07	8.03E-07	1.5699E-05
606108.13	4201514.12	8512.84773	0.00572	0.00576	0.03177	0.03226	1.14E-05	8.98E-08	9.17E-08	8.09E-07	8.18E-07	1.3170E-05
606112.33	4201491.04	8886.23021	0.00573	0.00578	0.03129	0.03176	1.19E-05	9.00E-08	9.20E-08	7.97E-07	8.06E-07	1.3643E-05
606113.03	4201537.21	8819.98842	0.00599	0.00602	0.03358	0.03412	1.18E-05	9.41E-08	9.58E-08	8.55E-07	8.66E-07	1.3681E-05
606113.38	4201469.7	9359.04019	0.00578	0.00584	0.03096	0.03142	1.25E-05	9.08E-08	9.29E-08	7.89E-07	7.97E-07	1.4259E-05
606118.24	4201586.99	8885.53194	0.00623	0.00625	0.03577	0.03633	1.19E-05	9.79E-08	9.94E-08	9.11E-07	9.22E-07	1.3888E-05
606121.87	4201679.23	6593.71957	0.00533	0.00533	0.0325	0.03312	8.80E-06	8.37E-08	8.48E-08	8.28E-07	8.40E-07	1.0636E-05
606125.89	4201728.17	5722.26017	0.0049	0.0049	0.03089	0.03151	7.64E-06	7.70E-08	7.80E-08	7.87E-07	7.99E-07	9.3775E-06
606129.64	4201621.18	8603.45602	0.00617	0.00618	0.03619	0.03679	1.15E-05	9.69E-08	9.83E-08	9.22E-07	9.33E-07	1.3532E-05
606129.91	4201828.72	5049.29785	0.00457	0.00455	0.02973	0.03044	6.74E-06	7.18E-08	7.24E-08	7.57E-07	7.72E-07	8.4120E-06

606130.58	4201805.26	5155.21897	0.00461	0.0046	0.02995	0.03064	6.88E-06	7.24E-08	7.32E-08	7.63E-07	7.77E-07	8.5654E-06
606133.93	4201786.49	5309.91714	0.00469	0.00468	0.03032	0.03099	7.09E-06	7.37E-08	7.45E-08	7.72E-07	7.86E-07	8.7927E-06
606141.04	4201589.67	9379.23595	0.00642	0.00644	0.03677	0.03734	1.25E-05	1.01E-07	1.02E-07	9.37E-07	9.47E-07	1.4604E-05
606143.99	4201858.89	5400.97353	0.00493	0.0049	0.03106	0.03184	7.21E-06	7.74E-08	7.80E-08	7.91E-07	8.08E-07	8.9619E-06
606147.07	4201623.19	8996.97609	0.00633	0.00634	0.03703	0.03763	1.20E-05	9.94E-08	1.01E-07	9.43E-07	9.55E-07	1.4105E-05
606149.35	4201736.88	5956.88948	0.00503	0.00503	0.03171	0.03234	7.95E-06	7.90E-08	8.00E-08	8.08E-07	8.20E-07	9.7367E-06
606149.76	4201533.71	9355.67999	0.00613	0.00616	0.0343	0.03484	1.25E-05	9.63E-08	9.80E-08	8.74E-07	8.84E-07	1.4437E-05
606154.05	4201702.02	6666.46813	0.00538	0.00538	0.03306	0.03369	8.90E-06	8.45E-08	8.56E-08	8.42E-07	8.55E-07	1.0763E-05
606158.5	4201482.99	9742.82211	0.0059	0.00594	0.03213	0.03261	1.30E-05	9.27E-08	9.45E-08	8.18E-07	8.27E-07	1.4835E-05
606159.41	4201679.23	7406.10312	0.0057	0.0057	0.03449	0.03514	9.88E-06	8.95E-08	9.07E-08	8.79E-07	8.91E-07	1.1834E-05
606161.65	4201457.81	10827.75791	0.00613	0.00619	0.03251	0.03298	1.44E-05	9.63E-08	9.85E-08	8.28E-07	8.37E-07	1.6309E-05
606162.49	4201601.07	9794.85569	0.00661	0.00663	0.03788	0.03847	1.31E-05	1.04E-07	1.05E-07	9.65E-07	9.76E-07	1.5221E-05
606166.11	4201859.56	5457.25225	0.00494	0.00491	0.03146	0.03225	7.28E-06	7.76E-08	7.81E-08	8.01E-07	8.18E-07	9.0579E-06
606167.94	4201503.63	9601.17253	0.00598	0.00602	0.03303	0.03355	1.28E-05	9.39E-08	9.58E-08	8.41E-07	8.51E-07	1.4695E-05
606169.34	4201536.16	9718.47201	0.00625	0.00628	0.035	0.03556	1.30E-05	9.82E-08	9.99E-08	8.92E-07	9.02E-07	1.4961E-05
606172.54	4201623.86	9602.05278	0.00655	0.00657	0.03815	0.03877	1.28E-05	1.03E-07	1.05E-07	9.72E-07	9.84E-07	1.4977E-05
606182.87	4201797.22	6001.24183	0.00514	0.00512	0.03271	0.03343	8.01E-06	8.07E-08	8.15E-08	8.33E-07	8.48E-07	9.8521E-06
606182.87	4201815.32	5794.56331	0.00504	0.00501	0.0323	0.03303	7.73E-06	7.92E-08	7.97E-08	8.23E-07	8.38E-07	9.5524E-06
606186.48	4201435.77	13204.52467	0.00671	0.00678	0.03449	0.03497	1.76E-05	1.05E-07	1.08E-07	8.79E-07	8.87E-07	1.9600E-05
606186.89	4201842.13	5566.34321	0.00491	0.00488	0.03187	0.03262	7.43E-06	7.71E-08	7.77E-08	8.12E-07	8.28E-07	9.2224E-06
606187.56	4201772.41	6242.97961	0.00524	0.00522	0.03308	0.03377	8.33E-06	8.23E-08	8.31E-08	8.43E-07	8.57E-07	1.0196E-05
606194.94	4201745.6	6682.57536	0.00544	0.00542	0.03384	0.03451	8.92E-06	8.54E-08	8.62E-08	8.62E-07	8.76E-07	1.0827E-05
606202.98	4201718.78	7448.83505	0.00578	0.00577	0.03527	0.03596	9.94E-06	9.08E-08	9.18E-08	8.98E-07	9.12E-07	1.1934E-05
606207.68	4201693.98	8247.13749	0.00609	0.00608	0.03664	0.03734	1.10E-05	9.57E-08	9.67E-08	9.33E-07	9.47E-07	1.3079E-05
606208.52	4201434.72	14353.12832	0.00698	0.00705	0.03573	0.03624	1.92E-05	1.10E-07	1.12E-07	9.10E-07	9.19E-07	2.1205E-05
606212.37	4201484.74	10831.49516	0.00617	0.00621	0.0337	0.03421	1.45E-05	9.69E-08	9.88E-08	8.58E-07	8.68E-07	1.6377E-05
606214.45	4201529.7	10410.37968	0.00638	0.00641	0.0356	0.03617	1.39E-05	1.00E-07	1.02E-07	9.07E-07	9.18E-07	1.5919E-05
606216.45	4201599.79	11199.57541	0.00707	0.00709	0.04004	0.04067	1.49E-05	1.11E-07	1.13E-07	1.02E-06	1.03E-06	1.7221E-05
606217.24	4201646.32	10158.73994	0.00675	0.00675	0.03958	0.04024	1.36E-05	1.06E-07	1.07E-07	1.01E-06	1.02E-06	1.5799E-05
606219	4201578.94	11318.20014	0.00699	0.00701	0.03936	0.03997	1.51E-05	1.10E-07	1.12E-07	1.00E-06	1.01E-06	1.7342E-05
606221.97	4201624.24	10890.49512	0.007	0.00701	0.0403	0.04094	1.45E-05	1.10E-07	1.12E-07	1.03E-06	1.04E-06	1.6820E-05
606229.86	4201440.32	14801.71715	0.00709	0.00715	0.03649	0.03702	1.98E-05	1.11E-07	1.14E-07	9.30E-07	9.39E-07	2.1847E-05
606233.34	4201488.04	11254.42413	0.00628	0.00632	0.0344	0.03493	1.50E-05	9.86E-08	1.01E-07	8.76E-07	8.86E-07	1.6981E-05
606235.77	4201525.82	10732.14133	0.00642	0.00645	0.03575	0.03633	1.43E-05	1.01E-07	1.03E-07	9.11E-07	9.22E-07	1.6358E-05
606249.57	4201574.58	11933.45136	0.00712	0.00713	0.03998	0.04061	1.59E-05	1.12E-07	1.13E-07	1.02E-06	1.03E-06	1.8199E-05
606250.49	4201437.52	16411.11131	0.00742	0.00749	0.03795	0.0385	2.19E-05	1.17E-07	1.19E-07	9.67E-07	9.77E-07	2.4080E-05
606251.94	4201658.94	10898.99221	0.00704	0.00703	0.04113	0.04184	1.45E-05	1.11E-07	1.12E-07	1.05E-06	1.06E-06	1.6876E-05
606252.92	4201711.54	9124.00585	0.0065	0.00648	0.03885	0.03961	1.22E-05	1.02E-07	1.03E-07	9.90E-07	1.00E-06	1.4376E-05
606253.2	4201487.56	11880.00361	0.00644	0.00648	0.03518	0.03573	1.59E-05	1.01E-07	1.03E-07	8.96E-07	9.06E-07	1.7861E-05
606256.67	4201638.44	11578.07862	0.00724	0.00724	0.04173	0.04242	1.55E-05	1.14E-07	1.15E-07	1.06E-06	1.08E-06	1.7819E-05
606262.4	4201524.85	11280.95387	0.00655	0.00657	0.03637	0.03696	1.51E-05	1.03E-07	1.05E-07	9.26E-07	9.38E-07	1.7126E-05
606269.15	4201720.69	9388.93177	0.00665	0.00662	0.03962	0.0404	1.25E-05	1.04E-07	1.05E-07	1.01E-06	1.02E-06	1.4773E-05
606269.29	4201609.25	12664.31064	0.00755	0.00755	0.04245	0.04312	1.69E-05	1.19E-07	1.20E-07	1.08E-06	1.09E-06	1.9314E-05
606269.72	4201778.05	8411.79631	0.00646	0.00642	0.03887	0.03968	1.12E-05	1.01E-07	1.02E-07	9.90E-07	1.01E-06	1.3426E-05
606270.87	4201576.12	12311.31883	0.00721	0.00722	0.04047	0.04114	1.64E-05	1.13E-07	1.15E-07	1.03E-06	1.04E-06	1.8732E-05
606272.88	4201439.62	17439.72439	0.00761	0.00768	0.03897	0.03955	2.33E-05	1.20E-07	1.22E-07	9.93E-07	1.00E-06	2.5511E-05
606275.48	4201489.01	12571.75706	0.00663	0.00666	0.03611	0.03667	1.68E-05	1.04E-07	1.06E-07	9.20E-07	9.30E-07	1.8837E-05
606276.42	4201759.93	8843.90146	0.00659	0.00655	0.03943	0.04024	1.18E-05	1.04E-07	1.04E-07	1.00E-06	1.02E-06	1.4035E-05
606279.84	4201522.43	11688.75524	0.00662	0.00664	0.03671	0.03731	1.56E-05	1.04E-07	1.06E-07	9.35E-07	9.47E-07	1.7690E-05
606289.5	4201742.98	9533.33659	0.00683	0.00678	0.04052	0.04134	1.27E-05	1.07E-07	1.08E-07	1.03E-06	1.05E-06	1.5018E-05
606291.38	4201574.55	12384.70511	0.0072	0.00721	0.04034	0.04103	1.65E-05	1.13E-07	1.15E-07	1.03E-06	1.04E-06	1.8824E-05
606292.47	4201438.92	18854.39101	0.00786	0.00792	0.0401	0.04072	2.52E-05	1.23E-07	1.26E-07	1.02E-06	1.03E-06	2.7465E-05
606293.82	4201678.82	11758.17113	0.0074	0.00737	0.04307	0.04383	1.57E-05	1.16E-07	1.17E-07	1.10E-06	1.11E-06	1.8134E-05
606297.28	4201490.95	13303.64023	0.00682	0.00685	0.03708	0.03767	1.78E-05	1.07E-07	1.09E-07	9.45E-07	9.56E-07	1.9870E-05
606298.76	4201611.71	13360.92417	0.0077	0.0077	0.04332	0.04403	1.78E-05	1.21E-07	1.23E-07	1.10E-06	1.12E-06	2.0294E-05
606300.16	4201729.9	10184.25059	0.00704	0.007	0.04152	0.04235	1.36E-05	1.11E-07	1.11E-07	1.06E-06	1.07E-06	1.5945E-05
606304.54	4201523.88	12232.98812	0.00674	0.00676	0.03736	0.03798	1.63E-05	1.06E-07	1.08E-07	9.52E-07	9.64E-07	1.8453E-05
606309.88	4201659.06	13087.29814	0.00782	0.00781	0.04472	0.04548	1.75E-05	1.23E-07	1.24E-07	1.14E-06	1.15E-06	2.0005E-05
606312.67	4201570.6	12510.43395	0.0072	0.0072	0.04018	0.04088	1.67E-05	1.13E-07	1.15E-07	1.02E-06	1.04E-06	1.8983E-05
606314.81	4201788.73	9867.48249	0.00723	0.00717	0.0427	0.04361	1.32E-05	1.14E-07	1.14E-07	1.09E-06	1.11E-06	1.5590E-05
606315.23	4201638.06	13744.87582	0.00796	0.00796	0.04495	0.04571	1.83E-05	1.25E-07	1.27E-07	1.15E-06	1.16E-06	2.0899E-05
606315.55	4201437.87	20864.09914	0.00819	0.00825	0.04159	0.04225	2.78E-05	1.29E-07	1.31E-07	1.06E-06	1.07E-06	3.0234E-05
606319.56	4201491.43	14214.65962	0.00705	0.00708	0.03815	0.03876	1.90E-05	1.11E-07	1.13E-07	9.72E-07	9.83E-07	2.1148E-05
606323.91	4201523.4	12714.20612	0.00683	0.00684	0.03781	0.03844	1.70E-05	1.07E-07	1.09E-07	9.63E-07	9.75E-07	1.9121E-05
606326.76	4201698.59	12466.01552	0.00774	0.00771	0.04489	0.04571	1.66E-05	1.22E-07	1.23E-07	1.14E-06	1.16E-06	1.9183E-05
606330.59	4201761.12	10731.99118	0.00746	0.00741	0.04373	0.04463	1.43E-05	1.17E-07	1.18E-07	1.11E-06	1.13E-06	1.6803E-05
606330.81	4201577.7	13026.91665	0.00737	0.00737	0.04113	0.04186	1.74E-05	1.16E-07	1.17E-07	1.05E-06	1.06E-06	1.9727E-05
606336.02	4201492.4	14888.90152	0.00721	0.00724	0.03893	0.03957	1.99E-05	1.13E-07	1.15E-07	9.92E-07	1.00E-06	2.2093E-05
606336.54	4201438.57	22678.14014	0.00846	0.00852	0.04294	0.04363	3.03E-05	1.33E-07	1.36E-07	1.09E-06	1.11E-06	3.2733E-05
606339.11	4201680.06	13802.48672	0.00824	0.00822	0.0468	0.04761	1.84E-05	1.29E-07	1.31E-07	1.19E-06	1.21E-06	2.1079E-05
606346.36	4201775.32	11212.03558	0.00773	0.00768	0.04534	0.04629	1.50E-05	1.21E-07	1.22E-07	1.15E-06	1.17E-06	1.7535E-05
606348.13	4201523.88	13511.52021	0.00701	0.00703	0.03872	0.03937	1.80E-05	1.10E-07	1.12E-07	9.86E-07	9.99E-07	2.0238E-05
606348.58	4201660.71	14939.85662	0.00854	0.00855	0.04773	0.04853	1.99E-05	1.34E-07	1.36E-07	1.22E-06	1.23E-06	2.2654E-05
606356.48	4201437.17	25309.07646	0.00883	0.00889	0.04455	0.04527	3.38E-05	1.39E-07	1.41E-07	1.13E-06	1.15E-06	3.6338E-05
606356.84	4201575.34	13296.52689	0.00739	0.00739	0.04115	0.04189	1.77E-05	1.16E-07	1.18E-07	1.05E-06	1.06E-06	2.0089E-05
606357.23	4201635.59	15073.42938	0.00828	0.00827	0.0464	0.04722	2.01E-05	1.30E-07	1.32E-07	1.18E-06	1.20E-06	2.2757E-05
606357.41	4201787.15	11651.50068	0.00795	0.0079	0.04682	0.04777	1.55E-05	1.25E-07	1.26E-07	1.19E-06	1.21E-06	1.8204E-05
606361.21	4201490.46	16378.54437	0.00754	0.00757	0.04041	0.04109	2.19E-05	1.18E-07	1.20E-07	1.03E-06	1.04E-06	2.4168E-05
606365.08	4201531.15	13884.70412	0.00714	0.00715	0.03945	0.04012	1.85E-05	1.12E-07	1.14E-07	1.00E-06	1.02E-06	2.0778E-05
606373.59	4201720.63	13875.51467	0.00838	0.00834	0.04834	0.04926	1.85E-05	1.32E-07	1.33E-07	1.23E-06	1.25E-06	2.1262E-05
606374.98	4201580.86	13704.98394	0.00752	0.00751	0.04179	0.04256	1.83E-05	1.18E-07	1.19E-07	1.06E-06	1.08E-06	2.0671E-05
606381.66	4201440.67	27457.83147	0.00913	0.00918	0.04611	0.04688	3.66E-05	1.43E-07	1.46E-07	1.17E-06	1.19E-06	3.9296E-05
606383.49	4201491.43	17663.17448	0.00782	0.00784	0.04172	0.04244	2.36E-05	1.23E-07	1.25E-07	1.06E-06	1.08E-06	2.5958E-05
606386.35	4201698.4	15467.7642	0.00883	0.00883	0.05021	0.05112	2.06E-05	1.39E-07	1.41E-07	1.28E-06	1.30E-06	2.3497E-05
606388.41	4201737.51	13952.64196	0.00852	0.00848	0.04926	0.05022	1.86E-05	1.34E-07	1.35E-07	1.25E-06	1.27E-06	2.1417E-05
606388.82	4201528.24	15232.65352	0.00746	0.00746	0.04086	0.04158	2.03E-05	1.17E-07	1.19E-07	1.04E-06	1.05E-06	2.2659E-05
606396.28	4201577.7	13923.30937	0.00745	0.00744	0.04156	0.04232	1.86E-05	1.17E-07	1.18E-07	1.06E-06	1.07E-06	2.0948E-05
606400.2	4201441.37	29883.61596	0.00942	0.00947	0.0475	0.04831	3.99E-05	1.48E-07	1.51E-07	1.21E-06	1.23E-06	4.2614E-05
606400.76	4201753.16	14015.14723	0.00864	0.00861	0.05016	0.05117	1.87E-05	1.36E-07	1.37E-07	1.28E-06	1.30E-06	2.1552E-05
606400.88	4201682.12	16284.84005	0.00903	0.00903	0.05074	0.05167	2.17E-05	1.42E-07	1.44E-07	1.29E-06	1.31E-06	2.4621E-05
606403.83	4201491.43	19201.59771	0.00813	0.00815	0.04317	0.04393	2.56E-05	1.28E-07	1.30E-07	1.10E-06	1.11E-06	2.8096E-05
606409.52	4201629	15607.4981	0.0084	0.00836	0.04646	0.04737	2.08E-05	1.32E-07	1.33E-07	1.18E-06	1.20E-06	2.3478E-05
606409.64	4201527.76	16482.87458	0.00774	0.00774	0.04215	0.04291	2.20E-05	1.22E-07	1.23E-07	1.07E-06	1.09E-06	2.4403E-05
606411.88	4201772.51	14090.94243	0.00879	0.00875	0.05141	0.05245	1.88E-05	1.38E-07	1.39E-07	1.31E-06	1.33E-06	2.1722E-05
606415.59	4201718.16	16122.62654	0.00914	0.00913	0.05233	0.05333	2.15E-05	1.44E-07	1.45E-07	1.33E-06	1.35E-06	2.4490E-05
606415.7	4201656.59	15922.42719	0.00868	0.00864	0.0482	0.04914	2.12E-05	1.36E-07	1.37E-07	1.23E-06	1.25E-06	2.3997E-05
606417.34	4201441.37	32296.65565	0.00966	0.00971	0.04868	0.04951	4.31E-05	1.52E-07	1.55E-07	1.24E-06	1.26E-06	4.5902E-05
606421.52	4201578.49	15010.52428	0.00771	0.00769	0.0428	0.0436	2.00E-05	1.21E-07	1.22E-07	1.09E-06	1.11E-06	2.2471E-05
606425.14	4201492.89	20878.80795	0.00845	0.00846	0.04467	0.04547	2.79E-05	1.33E-07	1.35E-07	1.14E-06	1.15E-06	3.0421E-05
606430	4201786.92	14582.53451	0.00911	0.00907	0.05352	0.0546	1.95E-05	1.43E-07	1.44E-07	1.36E-06	1.39E-06	2.2496E-05
606431.64	4201498.04	15688.59548	0.00924	0.00921	0.05344	0.05451	2.09E-05	1.45E-07	1.47E-07	1.36E-06	1.38E-06	2.3972E-05
606431.92	4201532.6	17689.25388	0.00801	0.00801	0.04351	0.04431	2.36E-05	1.26E-07	1.27E-07	1.11E-06	1.12E-06	2.6092E-05
606433.4	4201693.65	16572.44816	0.00911	0.00907	0.05109	0.0521	2.21E-05	1.43E-07	1.44E-07	1.30E-06	1.32E-06	2.5026E-05
606441.24	4201580.07	16245.26058	0.00806	0.00803	0.04432	0.04517	2.17E-05	1.27E-07	1.28E-07	1.13E-06	1.15E-06	2.4208E-05
606444.62	4201444.87	36153.61329	0.01007	0.01011	0.05069	0.05157	4.82E-05	1.58E-07	1.61E-07	1.29E-06	1.31E-06	5.1165E-05
606447.91	4201503.06	21929.7306	0.00868	0.00868	0.04594	0.04678	2.93E-05	1.36E-07	1.38E-07	1.17E-06	1.19E-06	3.1896E-05
606453.07	4201608.46	16297.49012	0.00837	0.00832	0.04583	0.04674	2.17E-05	1.31E-07	1.32E-07	1.17E-06	1.19E-06	2.4366E-05
606454.65	4201658.94	15995.93019	0.00881	0.00875	0.04812	0.04912	2.13E-05	1.38E-07	1.39E-07	1.23E-06	1.25E-06	2.4096E-05
606455.43	4201631.34	15811.65052	0.00847	0.00841	0.04636	0.04729	2.11E-05	1.33E-07	1.34E-07	1.18E-06	1.20E-06	2.3748E-05
606456.22	4201751.23	16836.50983	0.00961	0.00957	0.05545	0.05658	2.25E-05	1.51E-07	1.52E-07	1.41E-06	1.44E-06	2.5619E-05
606459.38	4201686.55	16503.94024	0.00916	0.0091	0.05034	0.05139	2.20E-05	1.44E-07	1.45E-07	1.28E-06	1.30E-06	2.4899E-05
606459.53	4201534.54	19970.74609	0.00849	0.00848	0.04567	0.04653	2.67E-05	1.33E-07	1.35E-07	1.16E-06	1.18E-06	2.9263E-05
606461.74	4201579.28	17576.80493	0.00835	0.00832	0.04559	0.04648	2.35E-05	1.31E-07	1.32E-07	1.16E-06	1.18E-06	2.6060E-05
606474	4201459.56	37242.64527	0.0103	0.01033	0.05236	0.05327	4.97E-05	1.62E-07	1.64E-07	1.33E-06	1.35E-06	5.2711E-05
606498.84	4201448.36	52946.79815	0.01164	0.0117	0.0564	0.05731	7.07E-05	1.83E-07	1.86E-07	1.44E-06	1.45E-06	7.3916E-05
606507.25	4201499.81	31391.73102	0.00982	0.00981	0.051	0.05195	4.19E-05	1.54E-07	1.56E-07	1.30E-06	1.32E-06	4.4819E-05
606508.65	4201695.39	16835.92764	0.00936	0.0093	0.0506	0.05171	2.25E-05	1.47E-07	1.48E-07	1.29E-06	1.31E-06	2.5363E-05
606508.93	4201744.7	17737.81886	0.00995	0.00989	0.05549	0.05671	2.37E-05	1.56E-07	1.57E-07	1.41E-06	1.44E-06	2.6837E-05
606509	4201630.66	17702.36969	0.00869	0.00861	0.04735	0.0483	2.36E-05	1.36E-07	1.37E-07	1.21E-06	1.23E-06	2.6329E-05
606510.05	4201608.27	19197.72162	0.00882	0.00875	0.04775	0.0487	2.56E-05	1.39E-07	1.39E-07	1.22E-06	1.24E-06	2.8349E-05
606510.05	4201720.93	17461.69884	0.00973	0.00968	0.05329	0.05449	2.33E-05	1.53E-07	1.54E-07	1.36E-06	1.38E-06	2.6349E-05
606511.8	4201676.15	16604.45639	0.00902	0.00895	0.04883	0.04987	2.22E-05	1.42E-07	1.42E-07	1.24E-06	1.27E-06	2.4952E-05
606512.15	4201523.95	28482.91655	0.00966	0.00963	0.05062	0.05158	3.80E-05	1.52E-07	1.53E-07	1.29E-06	1.31E-06	4.0913E-05
606512.15	4201589.73	20736.87346	0.00896	0.00889	0.04819	0.04913	2.77E-05	1.41E-07	1.41E-07	1.23E-06	1.25E-06	3.0429E-05
606512.5	4201654.8	16885.08105	0.00875	0.00867	0.04771	0.04869	2.25E-05	1.37E-07	1.38E-07	1.22E-06	1.24E-06	2.5259E-05
606513.2	4201565.24	23167.0081	0.0092	0.00914	0.04898	0.04994	3.09E-05	1.45E-07	1.45E-07	1.25E-06	1.27E-06	3.3721E-05
606516.35	4201548.09	25813.78782	0.00949	0.00944	0.05005	0.05102	3.44E-05	1.49E-07	1.50E-07	1.27E-06	1.29E-06	3.7317E-05
606518.78	4201441.37	71349.77485	0.01217	0.01224	0.05821	0.05911	9.52E-05	1.91E-07	1.95E-07	1.48E-06	1.50E-06	9.8584E-05
606541.86	4201566.62	99543.55207	0.0125	0.01257	0.06004	0.06098	1.33E-04	1.96E-07	2.00E-07	1.53E-06	1.55E-06	1.3631E-04
606547.14	4201545.99	32924.22231	0.0103	0.01024	0.0534	0.05445	4.39E-05	1.62E-07	1.63E-07	1.36E-06	1.38E-06	4.7003E-05
606547.49	4201643.96	20356.21866	0.00937	0.0093	0.05025	0.05128	2.72E-05	1.47E-07	1.48E-07	1.28E-06	1.30E-06	3.0041E-05
606549.59	4201682.79	18158.83969	0.0092	0.00915	0.05031	0.05138	2.42E-05	1.45E-07	1.46E-07	1.28E-06	1.30E-06	2.7108E-05
606549.94	4201527.45	38424.26569	0.01062	0.01058	0.05473	0.05581	5.13E-05	1.67E-07	1.68E-07	1.39E-06	1.42E-06	5.4422E-05
606550.58	4201746.15	18574.01362	0.01023	0.01017	0.05633	0.05766	2.48E-05	1.61E-07	1.62E-07	1.43E-06	1.46E-06	2.8007E-05
606550.64	4201723.38	17742.99523	0.00968	0.00964	0.05302	0.05422	2.37E-05	1.52E-07	1.53E-07	1.35E-06	1.38E-06	2.6709E-05
606550.64	4201703.09	17637.24545	0.00932	0.00928	0.05116	0.05228	2.35E-05	1.46E-07	1.48E-07	1.30E-06	1.33E-06	2.6460E-05
606551.69	4201619.47	22832.89184	0.00961	0.00953	0.0509	0.05193	3.05E-05	1.51E-07	1.52E-07	1.30E-06	1.32E-06	3.3387E-05
606552.74	4201663.55	19552.02708	0.00937	0.0093	0.0506	0.05166	2.61E-05	1.47E-07	1.48E-07	1.29E-06	1.31E-06	2.8987E-05
606553.44	4201490.71	55687.74633	0.01129	0.01127	0.0574	0.05847	7.43E-05	1.77E-07	1.79E-07	1.46E-06	1.48E-06	7.7617E-05
606554.49	4201509.26	46786.8227	0.01102	0.01099	0.05639	0.05747	6.24E-05	1.73E-07	1.75E-07	1.44E-06	1.46E-06	6.5679E-05
606562.5	4201446.27	142873.7817	0.0129	0.01297	0.06179	0.06276	1.91E-04	2.03E-07	2.06E-07	1.57E-06	1.59E-06	1.9424E-04
606564.63	4201574.33	31481.75848	0.01045	0.01037	0.05401	0.0551	4.20E-05	1.64E-07	1.65E-07	1.38E-06	1.40E-06	4.5115E-05
606575.48	4201609.67	27575.50779	0.0103	0.01022	0.05359	0.05469	3.68E-05	1.62E-07	1.63E-07	1.37E-06	1.39E-06	3.9876E-05
606580.34	4201444.87	182858.0868	0.01328	0.01335	0.06337	0.06438	2.44E-04	2.09E-07	2.12E-07	1.61E-06	1.63E-06	2.4769E-04
606590.52	4201574.68	38256.87333	0.01124	0.01116	0.05743	0.05862	5.11E-05	1.77E-07	1.78E-07	1.46E-06	1.49E-06	5.4358E-05
606596.82	4201614.57	30878.83966	0.01086	0.01079	0.05609	0.05727	4.12E-05	1.71E-07	1.72E-07	1.43E-06	1.45E-06	4.4431E-05

606598.88	4201448.01	199360.5718	0.01365	0.01371	0.0651	0.06617	2.66E-04	2.14E-07	2.18E-07	1.66E-06	1.68E-06	2.6981E-04
606600.26	4201679.16	23514.37277	0.0103	0.01025	0.05543	0.05662	3.14E-05	1.62E-07	1.63E-07	1.41E-06	1.44E-06	3.4553E-05
606600.47	4201735.01	20954.33111	0.01061	0.01053	0.05803	0.05938	2.80E-05	1.67E-07	1.68E-07	1.48E-06	1.51E-06	3.1282E-05
606601.43	4201696.27	22406.37282	0.01027	0.01022	0.05582	0.05704	2.99E-05	1.61E-07	1.63E-07	1.42E-06	1.45E-06	3.3094E-05
606602.4	4201753.42	20930.15877	0.01097	0.01088	0.06001	0.06146	2.79E-05	1.72E-07	1.73E-07	1.53E-06	1.56E-06	3.1364E-05
606602.68	4201659.79	25575.78404	0.01048	0.01043	0.05563	0.05681	3.41E-05	1.65E-07	1.66E-07	1.42E-06	1.44E-06	3.7319E-05
606602.79	4201495.6	89422.93015	0.01269	0.01267	0.06359	0.06477	1.19E-04	1.99E-07	2.02E-07	1.62E-06	1.64E-06	1.2300E-04
606603.37	4201715.64	21670.32891	0.01041	0.01035	0.05687	0.05815	2.89E-05	1.64E-07	1.65E-07	1.45E-06	1.48E-06	3.2171E-05
606603.82	4201511.7	74226.10339	0.01248	0.01244	0.06293	0.06413	9.91E-05	1.96E-07	1.98E-07	1.60E-06	1.63E-06	1.0269E-04
606608.37	4201529.55	64414.24172	0.01242	0.01236	0.06286	0.06411	8.60E-05	1.95E-07	1.97E-07	1.60E-06	1.63E-06	8.9579E-05
606609.77	4201546.69	55879.03432	0.01227	0.0122	0.06229	0.06357	7.46E-05	1.93E-07	1.94E-07	1.59E-06	1.61E-06	7.8156E-05
606614.31	4201618.42	33790.86528	0.01133	0.01127	0.05832	0.05958	4.51E-05	1.78E-07	1.79E-07	1.49E-06	1.51E-06	4.8448E-05
606618.46	4201447.31	228297.8736	0.01408	0.01415	0.06699	0.06811	3.05E-04	2.21E-07	2.25E-07	1.71E-06	1.73E-06	3.0854E-04
606634.55	4201446.27	252525.6877	0.01449	0.01455	0.06864	0.06982	3.37E-04	2.28E-07	2.32E-07	1.75E-06	1.77E-06	3.4097E-04
606636.58	4201680.62	28340.73777	0.01135	0.01127	0.06022	0.06157	3.78E-05	1.78E-07	1.79E-07	1.53E-06	1.56E-06	4.1274E-05
606636.61	4201495.6	114586.4586	0.01369	0.01367	0.06785	0.06911	1.53E-04	2.15E-07	2.18E-07	1.73E-06	1.75E-06	1.5683E-04
606637.41	4201622.62	38020.95397	0.012	0.01193	0.06161	0.06297	5.07E-05	1.88E-07	1.90E-07	1.57E-06	1.60E-06	5.4284E-05
606637.54	4201662.7	30757.10908	0.01151	0.01144	0.06045	0.0618	4.10E-05	1.81E-07	1.82E-07	1.54E-06	1.57E-06	4.4515E-05
606638.46	4201547.04	67908.1439	0.01314	0.01308	0.06648	0.06784	9.06E-05	2.06E-07	2.08E-07	1.69E-06	1.72E-06	9.4452E-05
606638.81	4201564.89	59306.68589	0.01301	0.01295	0.0662	0.0676	7.91E-05	2.04E-07	2.06E-07	1.69E-06	1.71E-06	8.2956E-05
606640.21	4201512.75	95408.23801	0.01357	0.01353	0.06774	0.06904	1.27E-04	2.13E-07	2.15E-07	1.73E-06	1.75E-06	1.3123E-04
606640.21	4201583.08	52439.41377	0.01289	0.01281	0.06583	0.06726	7.00E-05	2.02E-07	2.04E-07	1.68E-06	1.71E-06	7.3769E-05
606640.56	4201604.42	44290.59045	0.01249	0.01242	0.06379	0.0652	5.91E-05	1.96E-07	1.98E-07	1.62E-06	1.65E-06	6.2778E-05
606641.63	4201699.66	27153.03848	0.01148	0.01138	0.06124	0.06263	3.62E-05	1.80E-07	1.81E-07	1.56E-06	1.59E-06	3.9746E-05
606645.02	4201715.16	26294.98591	0.01162	0.01152	0.06217	0.06362	3.51E-05	1.83E-07	1.83E-07	1.58E-06	1.61E-06	3.8654E-05
606646.47	4201734.05	25177.32901	0.01178	0.01166	0.06319	0.0647	3.36E-05	1.85E-07	1.86E-07	1.61E-06	1.64E-06	3.7220E-05
606650.35	4201752.93	24582.63522	0.01208	0.01196	0.0649	0.06649	3.28E-05	1.90E-07	1.90E-07	1.65E-06	1.69E-06	3.6525E-05
606654.84	4201448.01	265776.7303	0.01502	0.01507	0.07097	0.07221	3.55E-04	2.36E-07	2.40E-07	1.81E-06	1.83E-06	3.5879E-04
606671.98	4201445.92	299776.3236	0.01554	0.01559	0.07308	0.07439	4.00E-04	2.44E-07	2.48E-07	1.86E-06	1.89E-06	4.0429E-04
606684.37	4201668.7	38007.89947	0.01316	0.01303	0.06793	0.06954	5.07E-05	2.07E-07	2.07E-07	1.73E-06	1.76E-06	5.4630E-05
606684.48	4201614.96	53160.00405	0.01398	0.01387	0.07148	0.07312	7.09E-05	2.20E-07	2.21E-07	1.82E-06	1.86E-06	7.5057E-05
606688.39	4201702.89	33170.14325	0.01311	0.01298	0.06831	0.06997	4.43E-05	2.06E-07	2.07E-07	1.74E-06	1.78E-06	4.8193E-05
606689.81	4201512.79	122515.4339	0.01528	0.01525	0.07496	0.07643	1.63E-04	2.40E-07	2.43E-07	1.91E-06	1.94E-06	1.6783E-04
606689.81	4201589.3	64135.02882	0.01437	0.01427	0.07287	0.07449	8.56E-05	2.26E-07	2.27E-07	1.86E-06	1.89E-06	8.9786E-05
606689.82	4201446.96	312338.3562	0.01611	0.01616	0.07546	0.07686	4.17E-04	2.53E-07	2.57E-07	1.92E-06	1.95E-06	4.2119E-04
606690.08	4201496.69	147431.32	0.01551	0.0155	0.07544	0.07689	1.97E-04	2.44E-07	2.47E-07	1.92E-06	1.95E-06	2.0111E-04
606690.29	4201532.16	100925.425	0.01492	0.01485	0.0741	0.07561	1.35E-04	2.34E-07	2.36E-07	1.89E-06	1.92E-06	1.3896E-04
606692.23	4201548.14	88252.18446	0.01481	0.01473	0.07401	0.07555	1.18E-04	2.33E-07	2.34E-07	1.89E-06	1.92E-06	1.2204E-04
606692.23	4201569.44	74507.62157	0.01461	0.01452	0.07355	0.07514	9.94E-05	2.29E-07	2.31E-07	1.87E-06	1.91E-06	1.0367E-04
606697.33	4201750.03	28677.42255	0.01314	0.01306	0.06998	0.07175	3.83E-05	2.06E-07	2.08E-07	1.78E-06	1.82E-06	4.2287E-05
606705.15	4201666.69	42327.64035	0.01404	0.0139	0.07189	0.07363	5.65E-05	2.21E-07	2.21E-07	1.83E-06	1.87E-06	6.0627E-05
606709.06	4201446.27	336093.8153	0.01684	0.01686	0.07823	0.07967	4.49E-04	2.65E-07	2.68E-07	1.99E-06	2.02E-06	4.5306E-04
606709.18	4201615.93	58378.88353	0.01482	0.01469	0.0752	0.07695	7.79E-05	2.33E-07	2.34E-07	1.92E-06	1.95E-06	8.2240E-05
606709.84	4201695.52	37214.04115	0.01388	0.01375	0.07165	0.07342	4.97E-05	2.18E-07	2.19E-07	1.83E-06	1.86E-06	5.3786E-05
606718.86	4201551.04	95242.38151	0.0157	0.01559	0.0778	0.07947	1.27E-04	2.47E-07	2.48E-07	1.98E-06	2.02E-06	1.3159E-04
606720.09	4201748.57	305226.60228	0.01349	0.01345	0.0722	0.07406	4.07E-05	2.12E-07	2.14E-07	1.84E-06	1.88E-06	4.4881E-05
606720.31	4201572.83	81597.47812	0.01563	0.01551	0.07812	0.07985	1.09E-04	2.45E-07	2.47E-07	1.99E-06	2.03E-06	1.1340E-04
606723.22	4201511.82	139414.8477	0.01644	0.01639	0.07992	0.08155	1.86E-04	2.58E-07	2.61E-07	2.04E-06	2.07E-06	1.9067E-04
606724.19	4201533.13	113285.7805	0.01618	0.01609	0.07937	0.08103	1.51E-04	2.54E-07	2.56E-07	2.02E-06	2.06E-06	1.5577E-04
606725.93	4201665.35	46157.38219	0.01482	0.01468	0.07542	0.07728	6.16E-05	2.33E-07	2.34E-07	1.92E-06	1.96E-06	6.5945E-05
606728.64	4201447.31	347847.084	0.01759	0.01761	0.0813	0.08289	4.64E-04	2.76E-07	2.80E-07	2.07E-06	2.10E-06	4.6893E-04
606730.46	4201491.23	185005.4011	0.01714	0.0171	0.08188	0.08349	2.47E-04	2.69E-07	2.72E-07	2.09E-06	2.12E-06	2.5163E-04
606733.87	4201616.9	63609.77664	0.01576	0.01561	0.07934	0.08122	8.49E-05	2.48E-07	2.48E-07	2.02E-06	2.06E-06	8.9464E-05
606739.34	4201697.53	40433.31073	0.01468	0.0146	0.07565	0.07756	5.40E-05	2.31E-07	2.32E-07	1.93E-06	1.97E-06	5.8315E-05
606745.08	4201446.96	360013.2929	0.0182	0.01819	0.08381	0.08552	4.80E-04	2.86E-07	2.89E-07	2.13E-06	2.17E-06	4.8531E-04
606748.4	4201588.33	82107.93783	0.01684	0.01671	0.08424	0.08616	1.10E-04	2.65E-07	2.66E-07	2.15E-06	2.19E-06	1.1443E-04
606749.39	4201666.02	49494.19653	0.01558	0.01546	0.07895	0.08094	6.60E-05	2.45E-07	2.46E-07	2.01E-06	2.05E-06	7.0605E-05
606749.63	4201747.12	32108.97659	0.01342	0.01347	0.07386	0.07576	4.28E-05	2.11E-07	2.14E-07	1.88E-06	1.92E-06	4.7078E-05
606760.02	4201616.9	69869.36066	0.01687	0.01672	0.08463	0.08667	9.32E-05	2.65E-07	2.66E-07	2.16E-06	2.20E-06	9.8125E-05
606763.47	4201701.55	42094.80945	0.01508	0.01506	0.07847	0.08049	5.62E-05	2.37E-07	2.40E-07	2.00E-06	2.04E-06	6.0692E-05
606764.67	4201449.41	355919.0406	0.01893	0.01891	0.08704	0.08887	4.75E-04	2.97E-07	3.01E-07	2.22E-06	2.25E-06	4.8004E-04
606772.85	4201664.68	53113.55001	0.01629	0.01621	0.0825	0.08465	7.09E-05	2.56E-07	2.58E-07	2.10E-06	2.15E-06	7.5642E-05
606773.36	4201751.96	32235.35067	0.01284	0.01296	0.07486	0.07681	4.30E-05	2.02E-07	2.06E-07	1.91E-06	1.95E-06	4.7281E-05
606774.54	4201498.02	196555.8382	0.01902	0.01894	0.0899	0.09192	2.62E-04	2.99E-07	3.01E-07	2.29E-06	2.33E-06	2.6752E-04
606774.54	4201515.11	159037.2233	0.01861	0.0185	0.08917	0.09104	2.12E-04	2.92E-07	2.94E-07	2.27E-06	2.31E-06	2.1740E-04
606776.24	4201532.76	132368.0039	0.01832	0.0182	0.08844	0.09047	1.77E-04	2.88E-07	2.90E-07	2.25E-06	2.30E-06	1.8177E-04
606777.77	4201572.87	100780.0987	0.01823	0.0181	0.09019	0.09215	1.34E-04	2.86E-07	2.88E-07	2.30E-06	2.34E-06	1.3970E-04
606781.11	4201450.46	356180.3973	0.01957	0.01953	0.08984	0.09172	4.75E-04	3.07E-07	3.11E-07	2.29E-06	2.33E-06	4.8055E-04
606781.63	4201550.27	119268.361	0.01852	0.0184	0.09031	0.09236	1.59E-04	2.91E-07	2.93E-07	2.30E-06	2.34E-06	1.6439E-04
606784.71	4201619.32	73347.95138	0.01774	0.01762	0.08868	0.0909	9.79E-05	2.79E-07	2.80E-07	2.26E-06	2.31E-06	1.0301E-04
606788.27	4201705.57	43465.68383	0.01526	0.01532	0.08129	0.08342	5.80E-05	2.40E-07	2.44E-07	2.07E-06	2.12E-06	6.2675E-05
606796.31	4201667.36	55276.97458	0.0168	0.0168	0.08589	0.08817	7.38E-05	2.64E-07	2.67E-07	2.19E-06	2.24E-06	7.8722E-05
606800	4201757.78	33074.73271	0.01253	0.01266	0.07786	0.07992	4.41E-05	1.97E-07	2.01E-07	1.98E-06	2.03E-06	4.8547E-05
606800.7	4201451.51	357814.5488	0.02041	0.02034	0.09344	0.09542	4.77E-04	3.21E-07	3.24E-07	2.38E-06	2.42E-06	4.8294E-04
606805.3	4201504.85	193557.1879	0.02039	0.02027	0.09626	0.09848	2.58E-04	3.20E-07	3.23E-07	2.45E-06	2.50E-06	2.6389E-04
606806.99	4201621.74	75664.6308	0.01843	0.01835	0.09211	0.09451	1.01E-04	2.89E-07	2.92E-07	2.35E-06	2.40E-06	1.0630E-04
606808.1	4201568.11	111942.0589	0.0196	0.01948	0.09624	0.09848	1.49E-04	3.08E-07	3.10E-07	2.45E-06	2.50E-06	1.5495E-04
606815.75	4201713.62	44155.19267	0.01522	0.01534	0.08487	0.08717	5.89E-05	2.39E-07	2.44E-07	2.16E-06	2.21E-06	6.3781E-05
606818.19	4201452.56	358629.0311	0.02123	0.02115	0.0969	0.09899	4.79E-04	3.33E-07	3.37E-07	2.47E-06	2.51E-06	4.8424E-04
606818.4	4201543.59	138715.728	0.02051	0.0204	0.09873	0.10106	1.85E-04	3.22E-07	3.25E-07	2.52E-06	2.56E-06	1.9084E-04
606820.45	4201672.06	56664.02832	0.01715	0.01722	0.08953	0.09198	7.56E-05	2.69E-07	2.74E-07	2.28E-06	2.33E-06	8.0775E-05
606822.76	4201767.46	33472.03817	0.01251	0.01257	0.08146	0.0837	4.47E-05	1.96E-07	2.00E-07	2.08E-06	2.12E-06	4.9263E-05
606823.52	4201500.3	208029.5003	0.02134	0.02122	0.10016	0.10247	2.78E-04	3.35E-07	3.38E-07	2.55E-06	2.60E-06	2.8344E-04
606827.42	4201586.84	100264.7873	0.01998	0.01991	0.099	0.10153	1.34E-04	3.14E-07	3.17E-07	2.52E-06	2.58E-06	1.3953E-04
606829.21	4201623.71	77833.30559	0.01905	0.01903	0.09568	0.09827	1.04E-04	2.99E-07	3.03E-07	2.44E-06	2.49E-06	1.0940E-04
606836.03	4201452.56	365167.5423	0.02215	0.02204	0.1006	0.10286	4.87E-04	3.48E-07	3.51E-07	2.56E-06	2.61E-06	4.9318E-04
606838.55	4201678.09	56885.91978	0.01726	0.01738	0.09249	0.09507	7.59E-05	2.71E-07	2.77E-07	2.36E-06	2.41E-06	8.1229E-05
606839.22	4201718.98	45227.09681	0.01533	0.01546	0.08889	0.09137	6.04E-05	2.41E-07	2.46E-07	2.26E-06	2.32E-06	6.5424E-05
606840.61	4201535.61	154298.5081	0.02169	0.02159	0.10369	0.10628	2.06E-04	3.41E-07	3.44E-07	2.64E-06	2.70E-06	2.1193E-04
606848.02	4201501.43	213053.555	0.02261	0.02249	0.10582	0.10834	2.84E-04	3.55E-07	3.58E-07	2.70E-06	2.75E-06	2.9047E-04
606848.84	4201591.3	100460.167	0.02064	0.02062	0.10272	0.10548	1.34E-04	3.24E-07	3.28E-07	2.62E-06	2.68E-06	1.4001E-04
606849.73	4201627.88	78463.5585	0.01946	0.01951	0.09904	0.10181	1.05E-04	3.06E-07	3.10E-07	2.52E-06	2.58E-06	1.1043E-04
606852.3	4201771.34	35154.42422	0.01303	0.013	0.0869	0.08937	4.69E-05	2.05E-07	2.07E-07	2.21E-06	2.27E-06	5.1806E-05
606854.57	4201452.21	375235.5152	0.02321	0.02309	0.10489	0.10726	5.01E-04	3.65E-07	3.67E-07	2.67E-06	2.72E-06	5.0687E-04
606859.41	4201535.04	159191.4853	0.02261	0.02254	0.10807	0.11089	2.12E-04	3.55E-07	3.59E-07	2.75E-06	2.81E-06	2.1872E-04
606861.34	4201681.44	58680.85995	0.01763	0.01778	0.09735	0.10014	7.83E-05	2.77E-07	2.83E-07	2.48E-06	2.54E-06	8.3889E-05
606866.7	4201722.33	47004.87163	0.01571	0.01579	0.09424	0.09694	6.27E-05	2.47E-07	2.51E-07	2.40E-06	2.46E-06	6.8085E-05
606867.39	4201504.28	212764.5174	0.02362	0.02351	0.11068	0.1134	2.84E-04	3.71E-07	3.74E-07	2.82E-06	2.88E-06	2.9037E-04
606867.57	4201584.76	107950.288	0.02147	0.02149	0.10694	0.10989	1.44E-04	3.37E-07	3.42E-07	2.72E-06	2.79E-06	1.5025E-04
606873.22	4201634.72	78482.39328	0.01983	0.01996	0.10371	0.1067	1.05E-04	3.11E-07	3.18E-07	2.64E-06	2.71E-06	1.1071E-04
606875.9	4201642.56	388461.1957	0.02472	0.02459	0.11081	0.11344	5.18E-04	3.88E-07	3.91E-07	2.82E-06	2.88E-06	5.2488E-04
606876.03	4201770.85	37023.04052	0.01367	0.01364	0.09188	0.09454	4.94E-05	2.15E-07	2.17E-07	2.34E-06	2.40E-06	5.4577E-05
606876.75	4201686.8	59060.37835	0.01785	0.018	0.10108	0.10402	7.88E-05	2.80E-07	2.86E-07	2.57E-06	2.64E-06	8.4596E-05
606879.35	4201540.17	155433.3984	0.02337	0.02333	0.11258	0.11551	2.07E-04	3.67E-07	3.71E-07	2.87E-06	2.93E-06	2.1396E-04
606884.47	4201502.57	220690.4804	0.0246	0.02452	0.11529	0.11818	2.95E-04	3.86E-07	3.90E-07	2.94E-06	3.00E-06	3.0122E-04
606889.49	4201720.32	49814.7915	0.01642	0.01649	0.09988	0.1028	6.65E-05	2.58E-07	2.62E-07	2.54E-06	2.61E-06	7.2150E-05
606891.36	4201599.33	101057.7818	0.02174	0.02186	0.11094	0.11416	1.35E-04	3.41E-07	3.48E-07	2.83E-06	2.90E-06	1.4127E-04
606892.25	4201637.1	81191.71939	0.02046	0.02064	0.11009	0.11336	1.08E-04	3.21E-07	3.28E-07	2.80E-06	2.88E-06	1.1468E-04
606892.34	4201453.96	399301.8456	0.02597	0.02586	0.11619	0.11897	5.33E-04	4.08E-07	4.11E-07	2.96E-06	3.02E-06	5.3966E-04
606897.31	4201583.27	112935.5239	0.02247	0.02259	0.11325	0.11652	1.51E-04	3.53E-07	3.59E-07	2.88E-06	2.96E-06	1.5726E-04
606898.2	4201691.5	60680.79471	0.01839	0.01855	0.10748	0.1107	8.10E-05	2.89E-07	2.95E-07	2.74E-06	2.81E-06	8.7108E-05
606900.73	4201772.79	38735.83903	0.01432	0.01439	0.0979	0.10078	5.17E-05	2.25E-07	2.29E-07	2.49E-06	2.56E-06	5.7197E-05
606902.13	4201544.16	152931.3787	0.02408	0.02411	0.11749	0.12066	2.04E-04	3.78E-07	3.84E-07	2.99E-06	3.06E-06	2.1090E-04
606905.55	4201522.51	187720.2895	0.02523	0.02525	0.12061	0.12391	2.51E-04	3.96E-07	4.02E-07	3.07E-06	3.14E-06	2.5752E-04
606912.96	4201504.85	223129.4391	0.02615	0.02615	0.12379	0.12704	2.98E-04	4.11E-07	4.16E-07	3.15E-06	3.22E-06	3.0497E-04
606914.38	4201456.76	401133.3575	0.02748	0.02739	0.12366	0.12672	5.35E-04	4.32E-07	4.36E-07	3.15E-06	3.21E-06	5.4254E-04
606922.34	4201725.01	51225.13688	0.01687	0.01701	0.10714	0.11035	6.84E-05	2.65E-07	2.71E-07	2.73E-06	2.80E-06	7.4424E-05
606923.68	4201691.5	63985.42216	0.01911	0.01933	0.11582	0.11943	8.54E-05	3.00E-07	3.08E-07	2.95E-06	3.03E-06	9.1976E-05
606925.43	4201770.37	41125.834	0.01485	0.01508	0.10454	0.10767	5.49E-05	2.33E-07	2.40E-07	2.66E-06	2.73E-06	6.0750E-05
606932.92	4201460.96	377579.8617	0.02863	0.0286	0.13014	0.13348	5.04E-04	4.50E-07	4.55E-07	3.32E-06	3.39E-06	5.1148E-04
606935.74	4201641.22	88062.20108	0.02184	0.02215	0.12855	0.13266	1.18E-04	3.43E-07	3.52E-07	3.27E-06	3.37E-06	1.2485E-04
606940.44	4201723.67	53334.44182	0.01731	0.01755	0.11262	0.11609	7.12E-05	2.72E-07	2.79E-07	2.87E-06	2.95E-06	7.7539E-05
606941.11	4201611.06	103950.264	0.02307	0.02338	0.12955	0.13369	1.39E-04	3.62E-07	3.72E-07	3.30E-06	3.39E-06	1.4615E-04
606942.45	4201591.62	115285.3318	0.02372	0.02401	0.12828	0.13234	1.54E-04	3.73E-07	3.82E-07	3.27E-06	3.36E-06	1.6123E-04
606947.14	4201691.5	66505.309	0.01957	0.01988	0.12339	0.12741	8.88E-05	3.07E-07	3.16E-07	3.14E-06	3.23E-06	9.5750E-05
606947.26	4201548.33	151815.559	0.02549	0.02572	0.12883	0.13277	2.03E-04	4.00E-07	4.09E-07	3.28E-06	3.37E-06	2.1006E-04
606948.68	4201774.24	42578.99927	0.01503	0.01541	0.11206	0.11554	5.68E-05	2.36E-07	2.45E-07	2.85E-06	2.93E-06	6.3088E-05
606951.81	4201517.55	203367.0427	0.02766	0.02786	0.13548	0.13944	2.71E-04	4.34E-07	4.43E-07	3.45E-06	3.54E-06	2.7926E-04
606952.5	4201465.5	357242.5507	0.02979	0.02984	0.13756	0.14123	4.77E-04	4.68E-07	4.75E-07	3.50E-06	3.58E-06	4.8477E-04
606957.19	4201638.54	91825.93614	0.02236	0.02273	0.13595	0.1405	1.23E-04	3.51E-07	3.62E-07	3.46E-06	3.56E-06	1.3028E-04
606965.8	4201551.48	151093.5014	0.02597	0.02629	0.13496	0.13925	2.02E-04	4.08E-07	4.18E-07	3.44E-06	3.53E-06	2.0943E-04
606967.25	4201725.68	55033.43092	0.01741	0.01782	0.12065	0.12455	7.34E-05	2.73E-07	2.84E-07	3.07E-06	3.16E-06	8.0232E-05
606969.26	4201597.65	115714.9235	0.02426	0.02465	0.13912	0.14379	1.54E-04	3.81E-07	3.92E-07	3.54E-06	3.65E-06	1.6239E-04
606970	4201519.99	199162.3369	0.02805	0.02834	0.14103	0.14512	2.66E-04	4.41E-07	4.51E-07	3.59E-06	3.68E-06	2.7395E-04
606973.28	4201692.84	68711.2976	0.01986	0.02027	0.13269	0.13725	9.17E-05	3.12E-07	3.23E-07	3.38E-06	3.48E-06	9.9191E-05
606974.19	4201467.6	351995.7256	0.03111	0.03128	0.14665	0.15078	4.70E-04	4.89E-07	4.98E-07	3.74E-06	3.83E-06	4.7828E-04
606981.54	4201556.73	147905.7408	0.02619	0.0266	0.14063	0.14526	1.97E-04	4.11E-07	4.23E-07	3.58E-06	3.69E-06	2.0548E-04
606983.34	4201749.21	94364.92778	0.0228	0.02322	0.14597	0.15117	1.26E-04	3.58E-07	3.69E-07	3.72E-06	3.84E-06	1.3421E-05
606986.02	4201605.69	113107.2777	0.02433	0.02478	0.14672	0.15184	1.51E-04	3.82E-07	3.94E-07	3.74E-06	3.85E-06	1.5931E-04
606989.24	4201523.49	195121.3581	0.02847	0.02888	0.14777	0.15247	2.60E-04	4.47E-07	4.60E-07	3.76E-06	3.87E-06	2.6893E-04
606994.48	4201473.2	329037.3886	0.03202	0.03234	0.15625	0.16081	4.39E-04	5.03E-07	5.15E-07	3.98E-06	4.08E-06	4.4817E-04
606994.73	4201727.69	56574.62412	0.01722	0.0177	0.12976	0.13418	7.55E-05	2.70E-07	2.82E-07	3.31E-06	3.40E-06	8.2760E-05
606995.17	4201774.24	46266.76134	0.01507	0.01545	0.12866	0.133	6.17E-05	2.37E-07	2.46E-07	3.28E-06	3.37E-06	6.8877E-05
606999.43	4201694.18	70640.07795	0.01996	0.02044	0.14285	0.14806	9.43E-05	3.14E-07	3.25E-07	3.64E-06	3.76E-06	1.0230E-04
607000.43	4201559.18	147274.3352	0.0265	0.027	0.14717	0.15228	1.97E-04	4.16E-07	4.30E-07	3.75E-06	3.86E-06	2.0499E-04
607006.13	4201605.69	116857.0838	0.02481	0.0253	0.15648	0.1622	1.56E-04	3.90E-07	4.03E-07	3.99E-06	4.11E-06	1.6484E-04

607006.8	4201642.56	95176.45633	0.02304	0.0235	0.15618	0.16208	1.27E-04	3.62E-07	3.74E-07	3.98E-06	4.11E-06	1.3584E-04
607008.48	4201525.94	191926.3454	0.02895	0.02946	0.15601	0.1612	2.56E-04	4.55E-07	4.69E-07	3.97E-06	4.09E-06	2.6511E-04
607012.32	4201474.6	329213.1673	0.03295	0.03341	0.16568	0.1708	4.39E-04	5.18E-07	5.32E-07	4.22E-06	4.33E-06	4.4893E-04
607016.85	4201734.4	56432.87677	0.01679	0.0172	0.13781	0.14271	7.53E-05	2.64E-07	2.74E-07	3.51E-06	3.62E-06	8.2977E-05
607018.28	4201564.42	144605.2835	0.02662	0.0272	0.1551	0.16075	1.93E-04	4.18E-07	4.33E-07	3.95E-06	4.08E-06	2.0185E-04
607019.38	4201778.6	47559.18166	0.01516	0.01542	0.13973	0.1447	6.35E-05	2.38E-07	2.45E-07	3.56E-06	3.67E-06	7.1181E-05
607022.22	4201611.73	116678.2455	0.02514	0.02567	0.1689	0.17517	1.56E-04	3.95E-07	4.08E-07	4.30E-06	4.44E-06	1.6526E-04
607024.22	4201530.14	187707.2126	0.02915	0.02975	0.16334	0.16907	2.50E-04	4.58E-07	4.73E-07	4.16E-06	4.29E-06	2.5987E-04
607024.23	4201700.21	70434.29851	0.01968	0.02015	0.15255	0.15841	9.40E-05	3.09E-07	3.21E-07	3.89E-06	4.02E-06	1.0253E-04
607026.25	4202541.14	10004.48712	0.00835	0.00839	1.18461	1.42918	1.34E-05	1.31E-07	1.34E-07	3.02E-05	3.63E-05	8.0050E-05
607027.58	4201648.59	94026.37663	0.02304	0.0235	0.16542	0.17204	1.25E-04	3.62E-07	3.74E-07	4.21E-06	4.36E-06	1.3479E-04
607027.66	4202519.84	10379.11636	0.00854	0.00858	1.11494	1.37262	1.39E-05	1.34E-07	1.37E-07	2.84E-05	3.48E-05	7.7346E-05
607028.76	4201479.84	313968.1951	0.03345	0.03405	0.17529	0.18093	4.19E-04	5.25E-07	5.42E-07	4.47E-06	4.59E-06	4.2911E-04
607029.94	4202561.66	9707.94317	0.00821	0.00825	1.31202	1.62804	1.30E-05	1.29E-07	1.31E-07	3.34E-05	4.13E-05	8.7941E-05
607034.05	4202579.72	9474.70346	0.00811	0.00814	1.41626	1.83886	1.26E-05	1.27E-07	1.30E-07	3.61E-05	4.67E-05	9.5630E-05
607037.52	4201565.47	145535.5494	0.02687	0.02753	0.16412	0.17039	1.94E-04	4.22E-07	4.38E-07	4.18E-06	4.32E-06	2.0358E-04
607039.63	4202508.96	10701.69136	0.00872	0.00876	1.28314	1.68238	1.43E-05	1.37E-07	1.39E-07	3.27E-05	4.27E-05	8.9926E-05
607040.32	4201615.75	118417.6735	0.02541	0.02597	0.18359	0.19094	1.58E-04	3.99E-07	4.13E-07	4.68E-06	4.84E-06	1.6836E-04
607040.61	4202600.65	9236.25423	0.008	0.00804	1.57615	2.16727	1.23E-05	1.26E-07	1.28E-07	4.02E-05	5.50E-05	1.0771E-04
607042.07	4201533.29	186418.6481	0.02953	0.0302	0.17372	0.18005	2.49E-04	4.64E-07	4.81E-07	4.43E-06	4.57E-06	2.5871E-04
607044.32	4202654.11	8600.93649	0.0077	0.00774	1.17884	1.65085	1.15E-05	1.21E-07	1.23E-07	3.00E-05	4.19E-05	8.3633E-05
607044.34	4201706.91	69472.20876	0.01935	0.01973	0.16075	0.16718	9.27E-05	3.04E-07	3.14E-07	4.09E-06	4.24E-06	1.0166E-04
607044.34	4201729.71	60054.38954	0.01726	0.01755	0.15117	0.15692	8.01E-05	2.71E-07	2.79E-07	3.85E-06	3.98E-06	8.8524E-05
607044.57	4201783.93	48564.11479	0.01535	0.0155	0.15256	0.1583	6.48E-05	2.41E-07	2.47E-07	3.89E-06	4.02E-06	7.3198E-05
607047.25	4202491.54	11113.85331	0.00894	0.00898	1.29143	1.75739	1.48E-05	1.40E-07	1.43E-07	3.29E-05	4.46E-05	9.2597E-05
607048.02	4202674.63	8394.56091	0.00761	0.00764	0.99094	1.42595	1.12E-05	1.20E-07	1.22E-07	2.52E-05	3.62E-05	7.2863E-05
607050.37	4201654.63	93106.24322	0.02806	0.0235	0.17724	0.18477	1.24E-04	3.62E-07	3.74E-07	4.51E-06	4.69E-06	1.3419E-04
607052.12	4202692.69	8224.34949	0.00753	0.00756	0.80743	1.1978	1.10E-05	1.18E-07	1.20E-07	2.06E-05	3.04E-05	6.2170E-05
607053.24	4201471.1	356956.404	0.03528	0.03607	0.19217	0.19873	4.76E-04	5.54E-07	5.74E-07	4.90E-06	5.04E-06	4.8742E-04
607054.99	4201488.59	291663.2525	0.03397	0.03477	0.19273	0.19948	3.89E-04	5.34E-07	5.53E-07	4.91E-06	5.06E-06	4.0028E-04
607055.01	4201570.37	143935.4194	0.02696	0.02766	0.17491	0.18193	1.92E-04	4.23E-07	4.40E-07	4.46E-06	4.62E-06	2.0201E-04
607055.96	4202475.22	11537.85358	0.00916	0.0092	1.32754	1.84232	1.54E-05	1.44E-07	1.46E-07	3.38E-05	4.67E-05	9.6244E-05
607057.74	4201619.77	117516.9698	0.02555	0.02608	0.19715	0.20532	1.57E-04	4.01E-07	4.15E-07	5.02E-06	5.21E-06	1.6787E-04
607058.69	4202713.61	8047.35602	0.00745	0.00748	0.61933	0.92444	1.07E-05	1.17E-07	1.19E-07	1.58E-05	2.35E-05	5.0205E-05
607058.84	4201453.26	462254.9479	0.03709	0.03791	0.19744	0.20418	6.17E-04	5.83E-07	6.03E-07	5.03E-06	5.18E-06	6.2827E-04
607061.31	4201537.14	184351.1182	0.02988	0.03059	0.18621	0.19337	2.46E-04	4.69E-07	4.87E-07	4.74E-06	4.91E-06	2.5662E-04
607067.8	4201707.58	71600.24498	0.01977	0.02006	0.17576	0.1833	9.55E-05	3.11E-07	3.19E-07	4.48E-06	4.65E-06	1.0531E-04
607070.72	4201786.83	50014.88756	0.01579	0.0159	0.16803	0.1748	6.67E-05	2.48E-07	2.53E-07	4.28E-06	4.43E-06	7.5960E-05
607071.8	4201574.57	143953.3339	0.02755	0.02818	0.18881	0.19677	1.92E-04	4.33E-07	4.48E-07	4.81E-06	4.99E-06	2.0279E-04
607073.16	4201742.44	59541.61891	0.01738	0.01754	0.16829	0.17519	7.95E-05	2.73E-07	2.79E-07	4.29E-06	4.44E-06	8.8741E-05
607076.51	4201655.3	95654.16982	0.02366	0.02411	0.19624	0.20527	1.28E-04	3.72E-07	3.84E-07	5.00E-06	5.21E-06	1.3861E-04
607078.53	4201622.45	117809.0645	0.02591	0.02641	0.21295	0.22243	1.57E-04	4.07E-07	4.20E-07	5.42E-06	5.64E-06	1.6911E-04
607078.8	4201540.99	183958.4487	0.03021	0.03094	0.19951	0.20759	2.45E-04	4.75E-07	4.92E-07	5.08E-06	5.27E-06	2.5681E-04
607079.65	4202427.69	12754.61942	0.0096	0.00964	1.11107	1.55236	1.70E-05	1.51E-07	1.53E-07	2.83E-05	3.94E-05	8.5011E-05
607081.85	4201948.62	35272.85577	0.01559	0.01571	0.2593	0.27479	4.71E-05	2.45E-07	2.50E-07	6.61E-06	6.97E-06	6.1143E-05
607081.85	4201998.62	29880.98666	0.01383	0.01392	0.24452	0.26162	3.99E-05	2.17E-07	2.21E-07	6.23E-06	6.64E-06	5.3181E-05
607081.85	4202048.62	25911.96877	0.01268	0.01276	0.23911	0.25636	3.46E-05	1.99E-07	2.03E-07	6.09E-06	6.50E-06	4.7576E-05
607081.85	4202098.62	22469.92418	0.01166	0.01172	0.23538	0.25116	3.00E-05	1.83E-07	1.86E-07	6.00E-06	6.37E-06	4.2723E-05
607081.85	4202148.62	20078.46906	0.01108	0.01115	0.25661	0.27388	2.68E-05	1.74E-07	1.77E-07	6.54E-06	6.95E-06	4.0631E-05
607081.85	4202198.62	18467.27483	0.01088	0.01095	0.31477	0.33806	2.46E-05	1.71E-07	1.74E-07	8.02E-06	8.58E-06	4.1584E-05
607081.85	4202248.62	17181.24001	0.01085	0.01091	0.41559	0.45098	2.29E-05	1.70E-07	1.74E-07	1.06E-05	1.14E-05	4.5300E-05
607081.85	4202298.62	15646.70988	0.01042	0.01048	0.52744	0.58547	2.09E-05	1.64E-07	1.67E-07	1.34E-05	1.49E-05	4.9500E-05
607081.85	4202348.62	14204.0448	0.00983	0.00989	0.66595	0.77575	1.90E-05	1.54E-07	1.57E-07	1.70E-05	1.97E-05	5.5912E-05
607081.85	4202398.62	13142.58445	0.00964	0.00969	0.87182	1.09768	1.75E-05	1.51E-07	1.54E-07	2.22E-05	2.78E-05	6.7901E-05
607081.85	4202448.62	12405.03505	0.00959	0.00963	1.52715	2.43834	1.66E-05	1.51E-07	1.53E-07	3.89E-05	6.19E-05	1.1762E-04
607081.85	4202498.62	11323.48921	0.00911	0.00915	3.63524	2.9109	1.51E-05	1.43E-07	1.46E-07	9.26E-05	7.38E-05	1.8185E-04
607081.85	4202548.62	10402.67705	0.00866	0.0087	2.38887	5.19998	1.39E-05	1.36E-07	1.38E-07	6.09E-05	1.32E-04	2.0693E-04
607081.85	4202598.62	9612.9013	0.00826	0.00829	3.58967	4.08429	1.28E-05	1.30E-07	1.32E-07	9.14E-05	1.04E-04	2.0815E-04
607081.85	4202648.62	8951.95134	0.00794	0.00797	4.11622	4.08095	1.19E-05	1.25E-07	1.27E-07	1.05E-04	1.04E-04	2.2059E-04
607081.85	4202698.62	8364.6648	0.00764	0.00767	1.59569	2.82675	1.12E-05	1.20E-07	1.22E-07	4.06E-05	7.17E-05	1.2377E-04
607081.85	4202748.62	7841.93055	0.00737	0.00739	0.48014	0.67828	1.05E-05	1.16E-07	1.18E-07	1.22E-05	1.72E-05	4.0137E-05
607088.6	4201577.72	144931.1335	0.0281	0.0287	0.20483	0.21384	1.93E-04	4.41E-07	4.57E-07	5.22E-06	5.43E-06	2.0495E-04
607090.34	4202416.33	13082.02153	0.00972	0.00977	1.18421	1.64053	1.75E-05	1.53E-07	1.55E-07	3.02E-05	4.16E-05	8.9552E-05
607092.51	4201790.71	52183.12052	0.01685	0.01698	0.18996	0.19832	6.96E-05	2.65E-07	2.70E-07	4.84E-06	5.03E-06	8.0043E-05
607093.27	4201712.28	72115.07395	0.02009	0.02031	0.19293	0.20184	9.62E-05	3.16E-07	3.23E-07	4.91E-06	5.12E-06	1.0691E-04
607094.61	4201741.77	62400.58212	0.01834	0.0185	0.18677	0.19507	8.33E-05	2.88E-07	2.94E-07	4.76E-06	4.95E-06	9.3562E-05
607098.04	4201544.48	183287.0983	0.03078	0.0315	0.21762	0.22661	2.45E-04	4.83E-07	5.01E-07	5.54E-06	5.75E-06	2.5687E-04
607099.31	4201628.48	116086.1271	0.02621	0.02666	0.2304	0.24153	1.55E-04	4.12E-07	4.24E-07	5.87E-06	6.13E-06	1.6775E-04
607099.98	4201657.98	97607.87779	0.02422	0.02463	0.21696	0.22771	1.30E-04	3.80E-07	3.92E-07	5.53E-06	5.78E-06	1.4233E-04
607103.71	4202402.3	13508.96272	0.00988	0.00994	1.29551	1.78217	1.80E-05	1.55E-07	1.58E-07	3.30E-05	4.52E-05	9.6556E-05
607106.06	4201502.23	264146.2329	0.03484	0.03575	0.23715	0.24695	3.52E-04	5.47E-07	5.69E-07	6.04E-06	6.27E-06	3.6592E-04
607109.45	4201582.54	146517.9847	0.02889	0.02946	0.22887	0.23941	1.96E-04	4.54E-07	4.69E-07	5.83E-06	6.07E-06	2.0835E-04
607109.71	4201481.99	321953.617	0.03677	0.03778	0.24319	0.25318	4.30E-04	5.78E-07	6.01E-07	6.19E-06	6.42E-06	4.4344E-04
607111.31	4201655.71	459162.1091	0.03953	0.04068	0.24876	0.2588	6.13E-04	6.21E-07	6.47E-07	6.34E-06	6.57E-06	6.2692E-04
607114.05	4201708.25	75716.32841	0.02107	0.02131	0.21369	0.22438	1.01E-04	3.31E-07	3.39E-07	5.44E-06	5.69E-06	1.1285E-04
607114.38	4201550.44	178901.4368	0.03112	0.0318	0.23421	0.24453	2.39E-04	4.89E-07	5.06E-07	5.97E-06	6.20E-06	2.5191E-04
607114.79	4201795.07	54813.61806	0.01821	0.01838	0.22378	0.2349	7.31E-05	2.86E-07	2.92E-07	5.70E-06	5.96E-06	8.5386E-05
607116.06	4201742.44	65018.8575	0.01939	0.01957	0.21023	0.2205	8.68E-05	3.05E-07	3.11E-07	5.36E-06	5.59E-06	9.8332E-05
607116.4	4202391.6	13889.51125	0.01005	0.01011	1.48639	2.09629	1.85E-05	1.58E-07	1.61E-07	3.79E-05	5.32E-05	1.0990E-04
607118.75	4201626.47	118793.9464	0.02697	0.02741	0.24968	0.2625	1.59E-04	4.24E-07	4.36E-07	6.36E-06	6.66E-06	1.7241E-04
607121.43	4201658.65	99806.65278	0.02509	0.02547	0.24264	0.25575	1.33E-04	3.94E-07	4.05E-07	6.18E-06	6.49E-06	1.4666E-04
607125.91	4201581.72	149774.0841	0.02974	0.03032	0.24821	0.26041	2.00E-04	4.67E-07	4.82E-07	6.32E-06	6.61E-06	2.1375E-04
607128.43	4202382.25	14130.81879	0.01022	0.01028	1.73611	2.48733	1.89E-05	1.61E-07	1.64E-07	4.42E-05	6.31E-05	1.2651E-04
607130.44	4202366.21	14509.5837	0.01033	0.01038	1.49925	2.00942	1.94E-05	1.62E-07	1.65E-07	3.82E-05	5.10E-05	1.0886E-04
607131.69	4202533.61	11115.09458	0.00909	0.00913	3.00831	2.43831	1.48E-05	1.43E-07	1.45E-07	7.66E-05	6.19E-05	1.5361E-04
607131.85	4201948.62	36373.72048	0.01603	0.01617	0.30932	0.33101	4.85E-05	2.52E-07	2.57E-07	7.88E-06	8.40E-06	6.5327E-05
607131.85	4201998.62	31121.20739	0.01451	0.01463	0.30165	0.32673	4.15E-05	2.28E-07	2.33E-07	7.68E-06	8.29E-06	5.7965E-05
607131.85	4202048.62	27165.96916	0.01348	0.01359	0.29851	0.32489	3.63E-05	2.12E-07	2.16E-07	7.60E-06	8.24E-06	5.2527E-05
607131.85	4202098.62	23979.93384	0.01262	0.01273	0.3037	0.32881	3.20E-05	1.98E-07	2.03E-07	7.74E-06	8.34E-06	4.8480E-05
607131.85	4202148.62	21521.30555	0.01201	0.01211	0.33719	0.36456	2.87E-05	1.89E-07	1.93E-07	8.59E-06	9.25E-06	4.6940E-05
607131.85	4202198.62	19876.83358	0.01192	0.01199	0.44637	0.48997	2.65E-05	1.87E-07	1.91E-07	1.14E-05	1.24E-05	5.0705E-05
607131.85	4202248.62	18497.07396	0.01183	0.01191	0.5938	0.65391	2.47E-05	1.86E-07	1.90E-07	1.51E-05	1.66E-05	5.6775E-05
607131.85	4202298.62	16436.36712	0.01099	0.01106	0.82549	0.94209	2.19E-05	1.73E-07	1.76E-07	2.10E-05	2.39E-05	6.7212E-05
607131.85	4202348.62	14932.36199	0.01034	0.01039	1.26227	1.60444	1.99E-05	1.62E-07	1.65E-07	3.22E-05	4.07E-05	9.3114E-05
607131.85	4202398.62	14001.28136	0.01026	0.01031	2.65785	4.3951	1.87E-05	1.61E-07	1.64E-07	6.77E-05	1.12E-04	1.9822E-04
607131.85	4202448.62	12899.12843	0.00996	0.01001	4.03909	4.95792	1.72E-05	1.56E-07	1.59E-07	1.03E-04	1.26E-04	2.4620E-04
607131.85	4202498.62	11782.31233	0.00941	0.00946	3.77593	2.82159	1.57E-05	1.48E-07	1.51E-07	9.62E-05	7.16E-05	1.8379E-04
607131.85	4202548.62	10846.37066	0.00895	0.009	2.80972	2.35528	1.45E-05	1.41E-07	1.43E-07	7.16E-05	5.98E-05	1.4609E-04
607131.85	4202598.62	10033.38727	0.00855	0.00859	2.90125	2.36509	1.34E-05	1.34E-07	1.37E-07	7.39E-05	6.00E-05	1.4757E-04
607131.85	4202648.62	9339.68613	0.00821	0.00824	3.99737	2.98263	1.25E-05	1.29E-07	1.31E-07	1.02E-04	7.57E-05	1.9022E-04
607131.85	4202698.62	8716.96218	0.00789	0.00792	5.09593	4.60396	1.16E-05	1.24E-07	1.26E-07	1.30E-04	1.17E-04	2.5850E-04
607131.85	4202748.62	8160.4992	0.0076	0.00762	1.01927	1.4167	1.09E-05	1.19E-07	1.21E-07	2.60E-05	3.59E-05	7.3037E-05
607134.16	4201710.27	77326.42537	0.02187	0.02214	0.23832	0.25128	1.03E-04	3.44E-07	3.52E-07	6.07E-06	6.37E-06	1.1633E-04
607134.55	4201552.91	181160.4725	0.03212	0.0328	0.26128	0.27387	2.42E-04	5.05E-07	5.22E-07	6.66E-06	6.95E-06	2.5639E-04
607135.38	4202554.13	10780.00854	0.00893	0.00897	2.60146	2.20941	1.44E-05	1.40E-07	1.43E-07	6.63E-05	5.61E-05	1.3699E-04
607137.51	4201741.77	68128.89098	0.02062	0.02086	0.24155	0.2546	9.09E-05	3.24E-07	3.32E-07	6.15E-06	6.46E-06	1.0419E-04
607138.86	4201627.81	119406.2578	0.02768	0.02811	0.27348	0.2885	1.59E-04	4.35E-07	4.47E-07	6.97E-06	7.32E-06	1.7451E-04
607139.48	4202572.19	10506.08139	0.00879	0.00883	2.39128	2.04657	1.40E-05	1.38E-07	1.41E-07	6.09E-05	5.19E-05	1.2713E-04
607139.67	4201507.22	254412.2813	0.03592	0.03676	0.27745	0.2902	3.40E-04	5.64E-07	5.85E-07	7.07E-06	7.36E-06	3.5509E-04
607140.46	4201489.08	301426.4521	0.03765	0.0386	0.28166	0.29459	4.02E-04	5.91E-07	6.14E-07	7.17E-06	7.47E-06	4.1810E-04
607140.94	4201796.52	58605.52768	0.02017	0.02041	0.28164	0.29807	7.82E-05	3.17E-07	3.25E-07	7.17E-06	7.56E-06	9.3586E-05
607142.23	4202652.61	9366.78354	0.00824	0.00828	3.16766	2.47528	1.25E-05	1.29E-07	1.32E-07	8.07E-05	6.28E-05	1.5625E-04
607143.61	4201470.95	375460.0904	0.03972	0.04078	0.29049	0.30379	5.01E-04	6.24E-07	6.49E-07	7.40E-06	7.71E-06	5.1743E-04
607145.14	4202352.84	14990.12287	0.01042	0.01047	1.67849	2.25552	2.00E-05	1.64E-07	1.67E-07	4.28E-05	5.72E-05	1.2031E-04
607145.92	4202673.12	9130.89403	0.00813	0.00816	3.41325	2.58245	1.22E-05	1.28E-07	1.30E-07	8.69E-05	6.55E-05	1.6491E-04
607146.05	4202593.12	10234.01911	0.00867	0.00871	2.21697	1.89348	1.37E-05	1.36E-07	1.39E-07	5.65E-05	4.80E-05	1.1844E-04
607146.9	4201656.64	104328.2878	0.02638	0.02679	0.28165	0.2982	1.39E-04	4.14E-07	4.26E-07	7.17E-06	7.57E-06	1.5481E-04
607147.72	4201580.48	154369.8107	0.03083	0.03141	0.27798	0.29256	2.06E-04	4.84E-07	5.00E-07	7.08E-06	7.42E-06	2.2149E-04
607150.03	4202691.18	8936.64542	0.00804	0.00807	3.44885	2.54534	1.19E-05	1.26E-07	1.28E-07	8.79E-05	6.46E-05	1.6461E-04
607150.7	4201452.03	494544.3195	0.04236	0.04357	0.30745	0.3219	6.60E-04	6.65E-07	6.93E-07	7.83E-06	8.17E-06	6.7732E-04
607155.17	4202340.14	15416.28925	0.01057	0.01063	1.70964	2.26315	2.06E-05	1.66E-07	1.69E-07	4.36E-05	5.74E-05	1.2187E-04
607156.28	4201627.14	120905.3432	0.02845	0.0289	0.29735	0.3147	1.61E-04	4.47E-07	4.60E-07	7.57E-06	7.98E-06	1.7781E-04
607156.59	4202712.11	8729.74122	0.00794	0.00797	2.48424	2.05004	1.16E-05	1.25E-07	1.27E-07	6.33E-05	5.20E-05	1.2719E-04
607161.65	4201706.91	81577.5345	0.02364	0.024	0.28308	0.30061	1.09E-04	3.71E-07	3.82E-07	7.21E-06	7.63E-06	1.2445E-04
607164.33	4201744.45	71266.42143	0.0223	0.02264	0.29453	0.3129	9.51E-05	3.50E-07	3.60E-07	7.50E-06	7.94E-06	1.1126E-04
607165.83	4201576.78	159951.1224	0.03203	0.03263	0.30634	0.32345	2.13E-04	5.03E-07	5.19E-07	7.80E-06	8.21E-06	2.3048E-04
607167.09	4201791.19	61674.46047	0.0216	0.02187	0.34837	0.37205	8.23E-05	3.39E-07	3.48E-07	8.87E-06	9.44E-06	1.0130E-04
607167.2	4202333.46	15743.74088	0.01074	0.0108	1.98635	2.67215	2.10E-05	1.69E-07	1.72E-07	5.06E-05	6.78E-05	1.3974E-04
607171.03	4202355.3	106458.7489	0.02753	0.02797	0.32176	0.3428	1.42E-04	4.32E-07	4.45E-07	8.20E-06	8.70E-06	1.5994E-04
607173.88	4202318.09	16257.87197	0.01093	0.01099	1.78405	2.31376	2.17E-05	1.72E-07	1.75E-07	4.54E-05	5.87E-05	1.2619E-04
607177.06	4201627.81	121654.9111	0.02936	0.02985	0.33132	0.35227	1.62E-04	4.61E-07	4.75E-07	8.44E-06	8.94E-06	1.8066E-04
607181.85	4201948.62	37086.00905	0.01668	0.01684	0.38495	0.41602	4.95E-05	2.62E-07	2.68E-07	9.81E-06	1.06E-05	7.0381E-05
607181.85	4201998.62	32338.60532	0.0154	0.01554	0.39793	0.43835	4.32E-05	2.42E-07	2.47E-07	1.01E-05	1.11E-05	6.4902E-05
607181.85	4202048.62	28463.74293	0.0144	0.01452	0.40389	0.45107	3.80E-05	2.26E-07	2.31E-07	1.03E-05	1.14E-05	6.0174E-05
607181.85	4202098.62	25437.90878	0.01367	0.01378	0.42363	0.47221	3.39E-05	2.15E-07	2.19E-07	1.08E-05	1.20E-05	5.7152E-05
607181.85	4202148.62	23352.2982	0.01352	0.01363	0.52255	0.58209	3.12E-05	2.12E-07	2.17E-07	1.33E-05	1.48E-05	5.9671E-05
607181.85	4202198.62	21237.38139	0.01314	0.01324	0.71716	0.83245	2.83E-05	2.06E-07	2.11E-07	1.83E-05	2.11E-05	6.8146E-05
607181.85	4202248.62	19271.12416	0.01252	0.0126	0.90826	1.06719	2.57E-05	1.97E-07	2.00E-07	2.31E-05	2.71E-05	7.6325E-05
607181.85	4202298.62	17071.07161	0.01134	0.01141	1.62073	2.00309	2.28E-05	1.78E-07	1.82E-07	4.13E-05	5.08E-05	1.1525E-04
607181.85	4202348.62	15576.39522	0.01082	0.01088	4.09801	3.36263	2.08E-05	1.70E-07	1.73E-07	1.04E-04	8.53E-05	2.1083E-04
607181.85	4202398.62	14671.90475	0.01082	0.01087	5.80094	4.32921	1.96E-05	1.70E-07	1.73E-07	1.48E-04	1.10E-04	2.7753E-04
607181.85	4202448.62	13402.23998	0.01033	0.01038	2.52134	2.07901	1.79E-05	1.62E-07	1.65E-07	6.42E-05	5.27E-05	1.3518E-04
607181.85	4202498.62	12245.04524	0.00974	0.00979	1.69994	1.47816	1.63E-05	1.53E-07	1.56E-07	4.33E-05	3.75E-05	9.7454E-05
607181.85	4202548.62	11276.08798	0.00926	0.0093	1.43943	1.2917	1.50E-05	1.45E-07	1.48E-07	3.67E-05	3.28E-05	8.4779E-05
607182.57	4202306.06	16790.97061	0.01121	0.01127	1.81577	2.32791	2.24E-05	1.76E-07	1.79E-07	4.63E-05	5.91E-05	1.2808E-04
607183.52	4201578.02	159817.8282	0.03297	0.0336	0.33905	0.35945	2.13E-04	5.18E-07	5.35E-07	8.64E-06	9.12E-06	2.3208E-04

607185.11	4201741.77	73516.51185	0.02342	0.02376	0.33717	0.36068	9.81E-05	3.68E-07	3.78E-07	8.59E-06	9.15E-06	1.1659E-04
607190.12	4201515.89	241816.4283	0.03843	0.03927	0.36646	0.38749	3.23E-04	6.04E-07	6.25E-07	9.34E-06	9.83E-06	3.4309E-04
607190.47	4201708.25	83591.93897	0.02486	0.02525	0.33501	0.3592	1.12E-04	3.90E-07	4.02E-07	8.53E-06	9.11E-06	1.2999E-04
607192.59	4202290.69	17500.91454	0.01167	0.01173	1.7455	2.18331	2.34E-05	1.83E-07	1.87E-07	4.45E-05	5.54E-05	1.2358E-04
607193.82	4201656.64	106923.237	0.02842	0.02891	0.36204	0.38858	1.43E-04	4.46E-07	4.60E-07	9.22E-06	9.86E-06	1.6267E-04
607194.06	4201499.33	278520.881	0.04037	0.04129	0.38183	0.40388	3.72E-04	6.34E-07	6.57E-07	9.73E-06	1.02E-05	3.9295E-04
607196.5	4201624.46	124673.6032	0.03051	0.03105	0.36867	0.39398	1.66E-04	4.79E-07	4.94E-07	9.39E-06	1.00E-05	1.8674E-04
607197.52	4201575.13	163024.2606	0.034	0.03467	0.37052	0.39396	2.18E-04	5.34E-07	5.52E-07	9.44E-06	9.99E-06	2.3807E-04
607198	4201459.13	448351.308	0.04544	0.0466	0.41342	0.43746	5.98E-04	7.14E-07	7.41E-07	1.05E-05	1.11E-05	6.2140E-04
607199.58	4201481.99	331271.6839	0.04272	0.04374	0.40429	0.42797	4.42E-04	6.71E-07	6.96E-07	1.03E-05	1.09E-05	4.6460E-04
607202.62	4202281.33	18016.7659	0.012	0.01208	1.78801	2.26868	2.40E-05	1.88E-07	1.92E-07	4.55E-05	5.76E-05	1.2753E-04
607207.23	4201733.73	77004.4298	0.02472	0.0251	0.38643	0.41668	1.03E-04	3.88E-07	3.99E-07	9.84E-06	1.06E-05	1.2396E-04
607209.24	4201706.24	85467.83145	0.02589	0.0263	0.37972	0.40993	1.14E-04	4.07E-07	4.18E-07	9.67E-06	1.04E-05	1.3495E-04
607209.71	4201784.9	64550.24251	0.02314	0.02345	0.45585	0.49394	8.61E-05	3.63E-07	3.73E-07	1.16E-05	1.25E-05	1.1102E-04
607214.65	4202269.97	18780.91151	0.01243	0.01251	1.82958	2.40451	2.51E-05	1.95E-07	1.99E-07	4.66E-05	6.10E-05	1.3307E-04
607218.63	4201662	104627.596	0.02902	0.02954	0.41104	0.44529	1.40E-04	4.56E-07	4.70E-07	1.05E-05	1.13E-05	1.6232E-04
607218.92	4201572.25	165760.6467	0.03547	0.03621	0.42638	0.4558	2.21E-04	5.57E-07	5.76E-07	1.09E-05	1.16E-05	2.4476E-04
607221.31	4201641.89	115584.1824	0.0306	0.03117	0.42506	0.46025	1.54E-04	4.81E-07	4.96E-07	1.08E-05	1.17E-05	1.7773E-04
607223.32	4201616.42	130919.7389	0.03246	0.0331	0.4336	0.46738	1.75E-04	5.10E-07	5.27E-07	1.10E-05	1.19E-05	1.9865E-04
607226.68	4202254.6	19708.64503	0.01295	0.01304	1.88151	2.66982	2.63E-05	2.03E-07	2.07E-07	4.79E-05	6.77E-05	1.4237E-04
607228.68	4202226.53	20787.05835	0.0134	0.0135	1.49592	2.0475	2.77E-05	2.10E-07	2.15E-07	3.81E-05	5.19E-05	1.1822E-04
607231.85	4201948.62	39023.97201	0.01829	0.01847	0.58965	0.65142	5.21E-05	2.87E-07	2.94E-07	1.50E-05	1.65E-05	8.4205E-05
607231.85	4201998.62	33691.6487	0.01682	0.01697	0.603	0.68416	4.50E-05	2.64E-07	2.70E-07	1.54E-05	1.74E-05	7.8213E-05
607231.85	4202048.62	29741.86607	0.01558	0.0157	0.62614	0.73694	3.97E-05	2.45E-07	2.50E-07	1.60E-05	1.87E-05	7.4831E-05
607231.85	4202098.62	26916.51261	0.0151	0.01522	0.69603	0.8364	3.59E-05	2.37E-07	2.42E-07	1.77E-05	2.12E-05	7.5349E-05
607231.85	4202148.62	24387.77156	0.01459	0.0147	1.07787	1.36138	3.25E-05	2.29E-07	2.34E-07	2.75E-05	3.45E-05	9.5004E-05
607231.85	4202198.62	21929.62784	0.01377	0.01387	1.32156	1.74879	2.93E-05	2.16E-07	2.21E-07	3.37E-05	4.44E-05	1.0773E-04
607231.85	4202248.62	19999.38896	0.01314	0.01323	1.96475	2.87466	2.67E-05	2.06E-07	2.11E-07	5.00E-05	7.29E-05	1.5009E-04
607231.85	4202298.62	17712.76794	0.01192	0.01199	5.3826	4.14534	2.36E-05	1.87E-07	1.91E-07	1.37E-04	1.05E-04	2.6630E-04
607231.85	4202348.62	16251.70641	0.01154	0.01161	4.85225	3.94152	2.17E-05	1.81E-07	1.85E-07	1.24E-04	1.00E-04	2.4565E-04
607231.85	4202398.62	15229.85281	0.01135	0.01142	2.20548	1.92008	2.03E-05	1.78E-07	1.82E-07	5.62E-05	4.87E-05	1.2558E-04
607231.85	4202448.62	13860.24823	0.01069	0.01075	1.41347	1.26782	1.85E-05	1.68E-07	1.71E-07	3.60E-05	3.22E-05	8.7006E-05
607231.85	4202498.62	12704.94394	0.01011	0.01016	1.09836	1.0049	1.70E-05	1.59E-07	1.62E-07	2.80E-05	2.55E-05	7.0749E-05
607231.85	4202548.62	11693.14813	0.00959	0.00963	0.95433	0.88519	1.56E-05	1.51E-07	1.53E-07	2.43E-05	2.25E-05	6.2676E-05
607232.69	4201479.62	340341.9394	0.04614	0.04736	0.52489	0.56197	4.54E-04	7.25E-07	7.54E-07	1.34E-05	1.43E-05	4.8329E-04
607235.06	4201458.34	453396.5456	0.04947	0.05086	0.56098	0.6018	6.05E-04	7.77E-07	8.09E-07	1.43E-05	1.53E-05	6.3620E-04
607237.02	4201569.37	168917.6265	0.03692	0.03773	0.48594	0.5226	2.25E-04	5.80E-07	6.00E-07	1.24E-05	1.33E-05	2.5224E-04
607242.15	4201499.33	279895.8861	0.0446	0.04576	0.55208	0.59422	3.74E-04	7.01E-07	7.28E-07	1.41E-05	1.51E-05	4.0408E-04
607245.3	4201518.25	239063.7956	0.04267	0.04374	0.5503	0.59375	3.19E-04	6.70E-07	6.96E-07	1.40E-05	1.51E-05	3.4948E-04
607256.2	4201735.98	78625.71383	0.02701	0.02744	0.57375	0.6388	1.05E-04	4.24E-07	4.37E-07	1.46E-05	1.62E-05	1.3661E-04
607259.99	4202104.79	27418.96007	0.01586	0.016	1.29013	1.85171	3.66E-05	2.49E-07	2.55E-07	3.29E-05	4.70E-05	1.1694E-04
607260.56	4201780.54	66909.32054	0.02519	0.02555	0.68059	0.76269	8.93E-05	3.96E-07	4.07E-07	1.73E-05	1.93E-05	1.2678E-04
607262.5	4201714.67	85301.94912	0.0283	0.02877	0.58438	0.65371	1.14E-04	4.45E-07	4.58E-07	1.49E-05	1.66E-05	1.4621E-04
607263.77	4201568.55	169698.749	0.03901	0.0399	0.60721	0.66179	2.26E-04	6.13E-07	6.35E-07	1.55E-05	1.68E-05	2.5997E-04
607263.97	4202045.13	31118.76299	0.01684	0.017	1.03546	1.32748	4.15E-05	2.65E-07	2.71E-07	2.64E-05	3.37E-05	1.0212E-04
607265.41	4201691.43	93332.47974	0.0297	0.03021	0.58493	0.65491	1.25E-04	4.66E-07	4.81E-07	1.49E-05	1.66E-05	1.5701E-04
607268.31	4201663.82	104705.8869	0.03153	0.0321	0.58974	0.65946	1.40E-04	4.95E-07	5.11E-07	1.50E-05	1.67E-05	1.7249E-04
607270.25	4201614.91	132561.9334	0.03545	0.0362	0.61464	0.67987	1.77E-04	5.57E-07	5.76E-07	1.57E-05	1.72E-05	2.1094E-04
607271.35	4202059.5	30510.62959	0.0169	0.01705	1.4225	2.07831	4.07E-05	2.65E-07	2.71E-07	3.62E-05	5.27E-05	1.3022E-04
607272.19	4201641.54	116081.8208	0.03337	0.03402	0.61197	0.68354	1.55E-04	5.24E-07	5.41E-07	1.56E-05	1.73E-05	1.8891E-04
607276.28	4201925.31	43069.30909	0.02051	0.02075	1.12154	1.31819	5.75E-05	3.22E-07	3.30E-07	2.86E-05	3.34E-05	1.2014E-04
607278.74	4202023.38	33454.78466	0.01796	0.01813	1.69424	2.3416	4.46E-05	2.82E-07	2.88E-07	4.32E-05	5.94E-05	1.4778E-04
607279.97	4201945.82	40785.22208	0.02001	0.02023	1.29663	1.559	5.44E-05	3.14E-07	3.22E-07	3.30E-05	3.96E-05	1.2765E-04
607281.85	4201948.62	40506.64834	0.01998	0.0202	1.36499	1.65195	5.41E-05	3.14E-07	3.21E-07	3.48E-05	4.19E-05	1.3137E-04
607281.85	4201998.62	35608.72238	0.01864	0.01883	1.66287	2.1976	4.75E-05	2.93E-07	3.00E-07	4.24E-05	5.58E-05	1.4622E-04
607281.85	4202048.62	31534.80169	0.01744	0.01761	2.01789	3.08741	4.21E-05	2.74E-07	2.80E-07	5.14E-05	7.83E-05	1.7237E-04
607281.85	4202098.62	28097.93937	0.01638	0.01653	2.46429	4.43812	3.75E-05	2.57E-07	2.63E-07	6.28E-05	1.13E-04	2.1339E-04
607281.85	4202148.62	24971.51971	0.01524	0.01537	3.66517	3.40058	3.33E-05	2.39E-07	2.45E-07	9.34E-05	8.63E-05	2.1345E-04
607281.85	4202198.62	22531.36864	0.01439	0.01451	3.6039	3.94881	3.01E-05	2.26E-07	2.31E-07	9.18E-05	1.00E-04	2.2251E-04
607281.85	4202248.62	20623.49996	0.01377	0.01388	4.13977	5.35722	2.75E-05	2.16E-07	2.21E-07	1.05E-04	1.36E-04	2.6933E-04
607281.85	4202298.62	18722.34776	0.01296	0.01305	3.8067	2.87725	2.50E-05	2.04E-07	2.08E-07	9.70E-05	7.30E-05	1.9536E-04
607281.85	4202348.62	17162.91802	0.01241	0.0125	1.97795	1.75191	2.29E-05	1.95E-07	1.99E-07	5.04E-05	4.44E-05	1.1813E-04
607281.85	4202398.62	15652.20097	0.01174	0.01181	1.30307	1.19623	2.09E-05	1.84E-07	1.88E-07	3.32E-05	3.03E-05	8.4802E-05
607281.85	4202448.62	14308.6417	0.01107	0.01114	0.9802	0.91111	1.91E-05	1.74E-07	1.77E-07	2.50E-05	2.31E-05	6.7530E-05
607281.85	4202498.62	13135.90277	0.01047	0.01053	0.80663	0.75701	1.75E-05	1.64E-07	1.68E-07	2.05E-05	1.92E-05	5.7615E-05
607281.85	4202548.62	12107.87767	0.00993	0.00999	0.70881	0.67003	1.62E-05	1.56E-07	1.59E-07	1.81E-05	1.70E-05	5.1527E-05
607282.36	4201779.57	67466.71608	0.0261	0.02649	0.86523	0.99609	9.00E-05	4.10E-07	4.22E-07	2.20E-05	2.53E-05	1.3818E-04
607283.25	4202005.74	35002.08602	0.01849	0.01868	1.78258	2.4147	4.67E-05	2.90E-07	2.97E-07	4.54E-05	6.13E-05	1.5397E-04
607284.07	4201963.88	38940.34024	0.0196	0.01982	1.52426	1.89251	5.20E-05	3.08E-07	3.15E-07	3.88E-05	4.80E-05	1.3943E-04
607285.17	4201568.14	169412.9388	0.04083	0.04181	0.75193	0.83269	2.26E-04	6.41E-07	6.65E-07	1.92E-05	2.11E-05	2.6767E-04
607287.2	4201728.23	81368.74248	0.02891	0.0294	0.77655	0.89687	1.09E-04	4.54E-07	4.68E-07	1.98E-05	2.28E-05	1.5204E-04
607288.66	4201454.4	482208.0237	0.05712	0.05906	1.10477	1.24173	6.43E-04	8.97E-07	9.40E-07	2.81E-05	3.15E-05	7.0498E-04
607289.45	4201490.66	304595.974	0.0512	0.05275	0.98694	1.10067	4.06E-04	8.04E-07	8.39E-07	2.51E-05	2.79E-05	4.6119E-04
607289.45	4201514.95	248797.3621	0.04799	0.04934	0.90007	1.00286	3.32E-04	7.54E-07	7.85E-07	2.29E-05	2.54E-05	3.8193E-04
607290.64	4201984.81	36990.17899	0.01919	0.0194	1.98465	2.63252	4.94E-05	3.01E-07	3.09E-07	5.06E-05	6.68E-05	1.6732E-04
607294.18	4201470.16	385370.0851	0.05506	0.05686	1.14499	1.28723	5.14E-04	8.65E-07	9.05E-07	2.92E-05	3.27E-05	5.7786E-04
607294.46	4201707.41	88158.12622	0.03046	0.03102	0.81572	0.95251	1.18E-04	4.78E-07	4.94E-07	2.08E-05	2.42E-05	1.6356E-04
607299.31	4201658.98	107295.895	0.03384	0.03453	0.80858	0.93937	1.43E-04	5.32E-07	5.49E-07	2.06E-05	2.38E-05	1.8870E-04
607299.31	4201681.26	97880.74704	0.03233	0.03296	0.83042	0.97248	1.31E-04	5.08E-07	5.24E-07	2.12E-05	2.47E-05	1.7748E-04
607303.67	4201638.15	117548.4894	0.03572	0.03648	0.84181	0.97494	1.57E-04	5.61E-07	5.80E-07	2.14E-05	2.47E-05	2.0419E-04
607305.12	4201612.97	132909.0651	0.03815	0.03904	0.88878	1.01669	1.77E-04	5.99E-07	6.21E-07	2.26E-05	2.58E-05	2.2702E-04
607305.12	4201782.47	66872.20525	0.0268	0.02723	1.25305	1.52765	8.92E-05	4.21E-07	4.33E-07	3.19E-05	3.88E-05	1.6077E-04
607307.4	4201564.43	171778.0863	0.04326	0.04437	0.99696	1.13519	2.29E-04	6.79E-07	7.06E-07	2.54E-05	2.88E-05	2.8482E-04
607307.87	4201899.45	46592.54269	0.0221	0.02238	2.16604	2.86429	6.22E-05	3.47E-07	3.56E-07	5.52E-05	7.27E-05	1.9072E-04
607316.49	4201853.9	53262.3658	0.024	0.02434	2.14675	2.95534	7.11E-05	3.77E-07	3.87E-07	5.47E-05	7.50E-05	2.0150E-04
607321.3	4202259.3	20633.51307	0.01406	0.01418	2.77616	2.19171	2.75E-05	2.21E-07	2.26E-07	7.07E-05	5.56E-05	1.5430E-04
607330.96	4202209.32	22702.86421	0.01491	0.01506	3.12303	2.47217	3.03E-05	2.34E-07	2.40E-07	7.96E-05	6.27E-05	1.7304E-04
607331.85	4201948.62	40981.02767	0.02105	0.02133	2.7548	5.68077	5.47E-05	3.31E-07	3.39E-07	7.02E-05	1.44E-04	2.6965E-04
607331.85	4201998.62	36229.4009	0.01967	0.01992	4.06181	6.61806	4.83E-05	3.09E-07	3.17E-07	1.03E-04	1.68E-04	3.2034E-04
607331.85	4202048.62	32119.32161	0.01834	0.01856	6.36332	4.51351	4.29E-05	2.88E-07	2.95E-07	1.62E-04	1.15E-04	3.2005E-04
607331.85	4202098.62	28636.05746	0.01713	0.01732	4.97868	3.48759	3.82E-05	2.69E-07	2.76E-07	1.27E-04	8.85E-05	2.5406E-04
607331.85	4202148.62	25468.6438	0.01585	0.01601	3.83607	2.80971	3.40E-05	2.49E-07	2.55E-07	9.77E-05	7.13E-05	2.0349E-04
607331.85	4202198.62	23075.02293	0.01499	0.01514	3.27871	2.52069	3.08E-05	2.35E-07	2.41E-07	8.35E-05	6.39E-05	1.7874E-04
607331.85	4202248.62	21168.68352	0.01433	0.01447	2.48943	2.01355	2.82E-05	2.25E-07	2.30E-07	6.34E-05	5.11E-05	1.4320E-04
607331.85	4202298.62	19303.45263	0.01355	0.01368	1.80366	1.53996	2.58E-05	2.13E-07	2.18E-07	4.59E-05	3.91E-05	1.1121E-04
607331.85	4202348.62	17655.34966	0.01286	0.01297	1.29052	1.16626	2.36E-05	2.02E-07	2.06E-07	3.29E-05	2.96E-05	8.6432E-05
607331.85	4202398.62	16166.92926	0.0122	0.0123	0.96449	0.89807	2.16E-05	1.92E-07	1.96E-07	2.46E-05	2.28E-05	6.9315E-05
607331.85	4202448.62	14765.49746	0.01146	0.01155	0.75513	0.71284	1.97E-05	1.80E-07	1.84E-07	1.92E-05	1.81E-05	5.7389E-05
607331.85	4202498.62	13549.42801	0.01081	0.01089	0.63365	0.60275	1.81E-05	1.70E-07	1.73E-07	1.61E-05	1.53E-05	4.9858E-05
607331.85	4202548.62	12499.82334	0.01025	0.01032	0.55605	0.53207	1.67E-05	1.61E-07	1.64E-07	1.42E-05	1.35E-05	4.4669E-05
607332.24	4201768.91	69989.05145	0.02855	0.02905	2.10387	2.91203	9.34E-05	4.48E-07	4.62E-07	5.36E-05	7.39E-05	2.2178E-04
607333.23	4202147.98	25519.08722	0.01588	0.01605	3.71945	2.74596	3.41E-05	2.49E-07	2.55E-07	9.47E-05	6.97E-05	1.9897E-04
607333.8	4202176.38	23975.80953	0.01525	0.0154	3.2453	2.45047	3.20E-05	2.40E-07	2.45E-07	8.27E-05	6.22E-05	1.7732E-04
607338.67	4201559.91	171720.0041	0.04668	0.04805	1.68645	2.05897	2.29E-04	7.33E-07	7.65E-07	4.30E-05	5.22E-05	3.2585E-04
607339.02	4201743.25	76622.42026	0.0304	0.03099	2.12054	2.99882	1.02E-04	4.77E-07	4.93E-07	5.40E-05	7.61E-05	2.3332E-04
607340.96	4201720	83449.04558	0.03202	0.03267	1.95592	2.7325	1.11E-04	5.03E-07	5.20E-07	4.98E-05	6.93E-05	2.3153E-04
607346.28	4201693.85	92074.64091	0.03414	0.03489	1.95987	2.75648	1.23E-04	5.36E-07	5.55E-07	4.99E-05	6.99E-05	2.4382E-04
607346.86	4202072.72	30527.7667	0.01797	0.01819	3.82402	2.90156	4.07E-05	2.82E-07	2.89E-07	9.74E-05	7.36E-05	2.1234E-04
607348.03	4202037.94	33109.52342	0.01888	0.01912	4.35121	3.34203	4.42E-05	2.97E-07	3.04E-07	1.11E-04	8.48E-05	2.4041E-04
607350.64	4201670.12	100990.08	0.03619	0.03705	1.95492	2.78523	1.35E-04	5.68E-07	5.90E-07	4.98E-05	7.07E-05	2.5639E-04
607352.58	4201646.39	111339.4838	0.03832	0.03929	1.92059	2.65733	1.49E-04	6.02E-07	6.25E-07	4.89E-05	6.74E-05	2.6615E-04
607355.48	4201589.24	144383.1902	0.04456	0.04585	2.30792	2.98575	1.93E-04	7.00E-07	7.30E-07	5.88E-05	7.57E-05	3.2865E-04
607355.97	4201619.75	124932.6072	0.04119	0.04231	2.11486	2.80668	1.67E-04	6.47E-07	6.73E-07	5.39E-05	7.12E-05	2.9312E-04
607366.33	4200769.13	641820.8772	1.74856	1.43729	0.03979	0.03766	8.57E-04	2.75E-05	2.29E-05	1.01E-06	9.55E-07	9.0880E-04
607369.05	4201993.63	37086.63484	0.02051	0.02081	3.27579	2.76598	4.95E-05	3.22E-07	3.31E-07	8.34E-05	7.02E-05	2.0376E-04
607370.6	4200744.38	524957.6945	1.48929	1.24955	0.036	0.03422	7.01E-04	2.34E-05	1.99E-05	9.17E-07	8.68E-07	7.4561E-04
607378.7	4201943.65	41973.06476	0.02226	0.02261	3.30802	2.80509	5.60E-05	3.50E-07	3.60E-07	8.43E-05	7.12E-05	2.1215E-04
607380.97	4201882.31	49310.39742	0.02457	0.02499	4.1753	3.29048	6.58E-05	3.86E-07	3.98E-07	1.06E-04	8.35E-05	2.5643E-04
607381.54	4201910.71	45704.3106	0.02348	0.02387	3.56835	2.96232	6.10E-05	3.69E-07	3.80E-07	9.09E-05	7.52E-05	2.2779E-04
607381.85	4201948.62	41493.25722	0.02217	0.02252	3.06799	2.63148	5.54E-05	3.48E-07	3.58E-07	7.82E-05	6.68E-05	2.0099E-04
607381.85	4201998.62	36775.94722	0.02057	0.02087	2.52747	2.20146	4.91E-05	3.23E-07	3.32E-07	6.44E-05	5.59E-05	1.6997E-04
607381.85	4202048.62	32674.59767	0.01913	0.0194	2.22774	1.90158	4.36E-05	3.00E-07	3.09E-07	5.67E-05	4.82E-05	1.4920E-04
607381.85	4202098.62	29029.54688	0.01772	0.01795	1.93036	1.65636	3.87E-05	2.78E-07	2.86E-07	4.92E-05	4.20E-05	1.3050E-04
607381.85	4202148.62	25904.02455	0.0164	0.01659	1.68625	1.45184	3.46E-05	2.58E-07	2.64E-07	4.30E-05	3.68E-05	1.1488E-04
607381.85	4202348.62	18113.54383	0.01321	0.01334	0.91408	0.84017	2.42E-05	2.07E-07	2.12E-07	2.33E-05	2.13E-05	6.9192E-05
607381.85	4202398.62	16588.32131	0.01253	0.01265	0.73858	0.69343	2.21E-05	1.97E-07	2.01E-07	1.88E-05	1.76E-05	5.8942E-05
607381.85	4202448.62	15164.38514	0.01177	0.01187	0.60384	0.57435	2.02E-05	1.85E-07	1.89E-07	1.54E-05	1.46E-05	5.0564E-05
607381.85	4202498.62	13928.77592	0.01109	0.01118	0.51462	0.49327	1.86E-05	1.74E-07	1.78E-07	1.31E-05	1.25E-05	4.4563E-05
607381.85	4202548.62	12868.33768	0.01052	0.0106	0.45108	0.43505	1.72E-05	1.65E-07	1.69E-07	1.15E-05	1.10E-05	4.0034E-05
607400.85	4201861.3	52245.76211	0.02599	0.02647	2.93845	2.46245	6.97E-05	4.08E-07	4.21E-07	7.49E-05	6.25E-05	2.0788E-04
607402.25	4201797.62	62841.53087	0.02929	0.0299	3.58586	2.88625	8.39E-05	4.60E-07	4.76E-07	9.13E-05	7.32E-05	2.4937E-04
607402.82	4201762.98	70138.17905	0.03151	0.03221	4.22638	3.23134	9.36E-05	4.95E-07	5.13E-07	1.08E-04	8.20E-05	2.8425E-04
607405.41	4201505.03	206429.7185	0.06304	0.0657	4.17406	3.49824	2.75E-04	9.90E-07	1.05E-06	1.06E-04	8.87E-05	4.7259E-04
607410.62	4201477.67	235693.0153	0.07015	0.07343	3.07512	2.726	3.15E-04	1.10E-06	1.17E-06	7.83E-05	6.92E-05	4.6429E-04
607415.83	4201531.52	173971.3878	0.05885	0.06118	3.87238	3.19242	2.32E-04	9.24E-07	9.73E-07	9.86E-05	8.10E-05	4.1370E-04
607417.02	4201708.46	83633.48798	0.03628	0.03719	3.77283	2.94457	1.12E-04	5.70E-07	5.92E-07	9.61E-05	7.47E-05	2.8358E-04
607423.16	4200737.35	339953.5867	2.92747	2.23907	0.0341	0.03244	4.54E-04	4.60E-05	3.56E-05	8.69E-07	8.23E-07	5.3696E-04
607424.97	4201746.51	73235.67255	0.03356	0.03435	2.8234	2.32863	9.77E-05	5.27E-07	5.47E-07	7.19E-05	5.91E-05	2.2981E-04
607425.67	4201675.37	93342.38919	0.03977	0.04086	3.50822	2.78568	1.25E-04	6.25E-07	6.50E-07	8.94E-05	7.07E-05	2.8588E-04
607426.11	4201803.3	61319.16817	0.02974	0.03037	2.29462	1.97714	8.18E-05	4.67E-07	4.83E-07	5.85E-05	5.02E-05	1.9139E-04
607427.56	4201582.75	133909.8072	0.05127	0.05305	3.76845	3.08289	1.79E-04	8.05E-07	8.44E-07	9.60E-05	7.82E-05	3.5456E-04
607430.39	4201618.1	115069.5293	0.04652	0.048	3.54545	2.90402	1.54E-04	7.31E-07	7.64E-07	9.03E-05	7.37E-05	3.1904E-04
607431.85	4202348.62	18436.01888	0.01353	0.01368	0.68298	0.63872	2.46E-05	2.13E-07	2.18E-07	1.74E-05	1.62E-05	5.8635E-05
607431.85	4202398.62	16833.39536	0.01269	0.01282	0.57163	0.54161	2.25E-05	1.99E-07	2.04E-07	1.46E-05	1.37E-05	5.1169E-05
607431.85	4202448.62	15488.8622	0.012	0.01211	0.49071	0.46926	2.07E-05	1.88E-07	1.93E-07	1.25E-05	1.19E-05	4.5456E-05
607431.85	4202498.62	14275.04081	0.01134	0.01144	0.42627	0.41061	1.90E-05	1.78E-07	1.82E-07	1.09E-05	1.04E-05	4.0686E-05

607431.85	4202548.62	13209.03611	0.01076	0.01085	0.37419	0.36274	1.76E-05	1.69E-07	1.73E-07	9.53E-06	9.20E-06	3.6704E-05
607437.11	4201475.93	212451.2892	0.0744	0.07807	1.95903	1.79581	2.84E-04	1.17E-06	1.24E-06	4.99E-05	4.56E-05	3.8139E-04
607438.52	4201654.18	99278.10439	0.04269	0.04395	2.82622	2.3533	1.32E-04	6.71E-07	6.99E-07	7.20E-05	5.97E-05	2.6555E-04
607441.02	4201532.39	161825.0003	0.06136	0.06389	2.32098	2.06671	2.16E-04	9.64E-07	1.02E-06	5.91E-05	5.24E-05	3.2949E-04
607441.46	4201563.66	141266.7143	0.05553	0.05762	2.63662	2.29783	1.89E-04	8.72E-07	9.17E-07	6.72E-05	5.83E-05	3.1577E-04
607444.85	4201714.71	80028.7946	0.03698	0.03793	2.22327	1.89797	1.07E-04	5.81E-07	6.04E-07	5.66E-05	4.82E-05	2.1277E-04
607445.41	4201806.14	60372.27897	0.03021	0.03086	1.77088	1.57079	8.06E-05	4.75E-07	4.91E-07	4.51E-05	3.99E-05	1.6649E-04
607450.52	4201749.92	71243.09792	0.03432	0.03514	1.90401	1.65828	9.51E-05	5.39E-07	5.59E-07	4.85E-05	4.21E-05	1.8674E-04
607455.14	4201620.93	109471.1686	0.04783	0.04938	2.18495	1.90731	1.46E-04	7.51E-07	7.86E-07	5.57E-05	4.84E-05	2.5167E-04
607455.35	4201475.06	198290.4248	0.07718	0.0811	1.55344	1.44277	2.65E-04	1.21E-06	1.29E-06	3.96E-05	3.66E-05	3.4329E-04
607459.04	4201719.25	77886.26789	0.03723	0.03819	1.82292	1.59413	1.04E-04	5.85E-07	6.08E-07	4.64E-05	4.04E-05	1.9201E-04
607461	4201530.65	154337.7065	0.06382	0.06655	1.7342	1.58702	2.06E-04	1.00E-06	1.06E-06	4.42E-05	4.03E-05	2.9246E-04
607462.74	4201564.09	134557.633	0.05739	0.05961	1.88848	1.69476	1.80E-04	9.01E-07	9.49E-07	4.81E-05	4.30E-05	2.7252E-04
607463.02	4201659.05	94513.42744	0.04354	0.04483	1.89894	1.66353	1.26E-04	6.84E-07	7.13E-07	4.84E-05	4.22E-05	2.1810E-04
607469.83	4201761.27	67878.45987	0.03421	0.03503	1.48947	1.33332	9.06E-05	5.37E-07	5.57E-07	3.79E-05	3.38E-05	1.6345E-04
607471.54	4201807.84	59327.12914	0.03098	0.03166	1.34391	1.22185	7.92E-05	4.87E-07	5.04E-07	3.42E-05	3.10E-05	1.4539E-04
607473.47	4201205.35	343030.0392	0.35948	0.41811	0.92055	0.82778	4.58E-04	5.65E-06	6.65E-06	2.34E-05	2.10E-05	5.1452E-04
607474.9	4201475.93	183601.6268	0.07944	0.08358	1.26874	1.18998	2.45E-04	1.25E-06	1.33E-06	3.23E-05	3.02E-05	3.1010E-04
607475.65	4201620.23	106153.6362	0.04934	0.05099	1.6502	1.48013	1.42E-04	7.75E-07	8.11E-07	4.20E-05	3.76E-05	2.2283E-04
607478.35	4201723.23	75565.8088	0.03777	0.03876	1.45802	1.30447	1.01E-04	5.93E-07	6.17E-07	3.71E-05	3.31E-05	1.7229E-04
607481.85	4202348.62	18724.05905	0.01383	0.01397	0.53687	0.50762	2.50E-05	2.17E-07	2.22E-07	1.37E-05	1.29E-05	5.1981E-05
607481.85	4202398.62	17121.79162	0.01296	0.01309	0.46405	0.44251	2.28E-05	2.04E-07	2.08E-07	1.18E-05	1.12E-05	4.6308E-05
607481.85	4202448.62	15770.18443	0.01223	0.01234	0.40605	0.39012	2.10E-05	1.92E-07	1.96E-07	1.03E-05	9.90E-06	4.1674E-05
607481.85	4202498.62	14581.06582	0.01158	0.01168	0.35797	0.34618	1.95E-05	1.82E-07	1.86E-07	9.12E-06	8.78E-06	3.7727E-05
607481.85	4202548.62	13520.08606	0.01099	0.01108	0.31586	0.3073	1.80E-05	1.73E-07	1.76E-07	8.05E-06	7.80E-06	3.4234E-05
607482.45	4201664.05	90573.29458	0.04407	0.0454	1.49578	1.34074	1.21E-04	6.92E-07	7.22E-07	3.81E-05	3.40E-05	1.9440E-04
607482.71	4201528.05	146878.4971	0.06661	0.06957	1.34591	1.25231	1.96E-04	1.05E-06	1.11E-06	3.43E-05	3.18E-05	2.6422E-04
607483.15	4201562.79	129148.2312	0.05944	0.06182	1.45992	1.33656	1.72E-04	9.34E-07	9.84E-07	3.72E-05	3.39E-05	2.4536E-04
607493.12	4201817.49	57158.15566	0.03114	0.03182	1.10263	1.0183	7.63E-05	4.89E-07	5.06E-07	2.81E-05	2.58E-05	1.3119E-04
607496.96	4201155.79	319091.8915	0.49414	0.57844	0.67074	0.59536	4.26E-04	7.76E-06	9.20E-06	1.71E-05	1.51E-05	4.7498E-04
607496.96	4201172.31	315746.7823	0.4381	0.50989	0.69995	0.62616	4.21E-04	6.88E-06	8.11E-06	1.78E-05	1.59E-05	4.7007E-04
607496.96	4201188.83	312080.0708	0.38865	0.44945	0.72503	0.65351	4.16E-04	6.10E-06	7.15E-06	1.85E-05	1.66E-05	4.6477E-04
607496.96	4201205.35	308036.4523	0.34531	0.39653	0.74639	0.67761	4.11E-04	5.42E-06	6.31E-06	1.90E-05	1.72E-05	4.5901E-04
607496.96	4201221.87	303562.7543	0.30757	0.35055	0.76459	0.69872	4.05E-04	4.83E-06	5.58E-06	1.95E-05	1.77E-05	4.5271E-04
607498.23	4201770.36	64697.0488	0.03464	0.03547	1.13003	1.03615	8.63E-05	5.44E-07	5.64E-07	2.88E-05	2.63E-05	1.4252E-04
607498.79	4201747.08	69073.85932	0.03657	0.0375	1.16196	1.06117	9.22E-05	5.74E-07	5.97E-07	2.96E-05	2.69E-05	1.4987E-04
607499.22	4201472.89	170394.7744	0.08322	0.0877	1.01672	0.96236	2.27E-04	1.31E-06	1.40E-06	2.59E-05	2.44E-05	2.8041E-04
607502.35	4201677.74	84519.12945	0.04362	0.04493	1.2158	1.10683	1.13E-04	6.85E-07	7.15E-07	3.10E-05	2.81E-05	1.7324E-04
607506.75	4201731.18	71794.7636	0.03837	0.03938	1.11135	1.01767	9.58E-05	6.03E-07	6.27E-07	2.83E-05	2.58E-05	1.5117E-04
607507.9	4201522.4	139866.9072	0.07034	0.0736	1.05256	0.99136	1.87E-04	1.10E-06	1.17E-06	2.68E-05	2.52E-05	2.4089E-04
607509.64	4201539.77	131317.627	0.06649	0.06941	1.07456	1.0071	1.75E-04	1.04E-06	1.10E-06	2.74E-05	2.55E-05	2.3031E-04
607510.51	4201563.23	121201.3703	0.06168	0.0642	1.11004	1.03317	1.62E-04	9.69E-07	1.02E-06	2.83E-05	2.62E-05	2.1822E-04
607517.46	4201473.76	159855.5844	0.08478	0.08937	0.88571	0.84227	2.13E-04	1.33E-06	1.42E-06	2.26E-05	2.14E-05	2.6001E-04
607518.78	4201606.08	103341.1367	0.0546	0.05659	1.06714	0.98983	1.38E-04	8.58E-07	9.00E-07	2.72E-05	2.51E-05	1.9196E-04
607520.45	4201073.19	303210.7202	0.76502	0.88343	0.38852	0.33828	4.05E-04	1.20E-05	1.41E-05	9.90E-06	8.58E-06	4.4918E-04
607520.45	4201089.71	300530.7282	0.6925	0.80196	0.4284	0.37487	4.01E-04	1.09E-05	1.28E-05	1.09E-05	9.51E-06	4.4512E-04
607520.45	4201106.23	297899.0678	0.62457	0.72371	0.46554	0.40986	3.98E-04	9.81E-06	1.15E-05	1.19E-05	1.04E-05	4.4113E-04
607520.45	4201122.75	295216.6269	0.56204	0.65031	0.49929	0.44258	3.94E-04	8.83E-06	1.03E-05	1.27E-05	1.12E-05	4.3709E-04
607520.45	4201155.79	289402.4619	0.454	0.5219	0.5566	0.50017	3.86E-04	7.13E-06	8.30E-06	1.42E-05	1.27E-05	4.2851E-04
607520.45	4201172.31	286151.1289	0.40796	0.46708	0.58068	0.52516	3.82E-04	6.41E-06	7.43E-06	1.48E-05	1.33E-05	4.2382E-04
607520.45	4201188.83	282601.6191	0.36667	0.41795	0.60204	0.54779	3.77E-04	5.76E-06	6.65E-06	1.53E-05	1.39E-05	4.1877E-04
607520.45	4201205.35	278707.2228	0.32976	0.37404	0.62088	0.5682	3.72E-04	5.18E-06	5.95E-06	1.58E-05	1.44E-05	4.1329E-04
607520.45	4201221.87	274425.3348	0.29694	0.33501	0.63746	0.58651	3.66E-04	4.66E-06	5.33E-06	1.62E-05	1.49E-05	4.0733E-04
607523.01	4201691.84	78911.02238	0.04313	0.0444	1.00933	0.93066	1.05E-04	6.77E-07	7.06E-07	2.57E-05	2.36E-05	1.5601E-04
607531.85	4202348.62	18965.61142	0.01419	0.01434	0.43667	0.41628	2.53E-05	2.23E-07	2.28E-07	1.11E-05	1.06E-05	4.7445E-05
607531.85	4202398.62	17370.00332	0.01329	0.01341	0.38549	0.36979	2.32E-05	2.09E-07	2.13E-07	9.82E-06	9.38E-06	4.2804E-05
607531.85	4202448.62	15982.62722	0.01248	0.01259	0.34038	0.32854	2.13E-05	1.96E-07	2.00E-07	8.67E-06	8.34E-06	3.8731E-05
607531.85	4202498.62	14836.21416	0.01184	0.01194	0.3042	0.29522	1.98E-05	1.86E-07	1.90E-07	7.75E-06	7.49E-06	3.5414E-05
607531.85	4202548.62	13784.84679	0.01123	0.01133	0.27017	0.26359	1.84E-05	1.76E-07	1.80E-07	6.88E-06	6.69E-06	3.2322E-05
607535.76	4201644.98	88869.10014	0.04965	0.05131	0.93067	0.86536	1.19E-04	7.80E-07	8.16E-07	2.37E-05	2.20E-05	1.6585E-04
607540.71	4201675.39	80767.32428	0.04596	0.04739	0.88984	0.82763	1.08E-04	7.22E-07	7.54E-07	2.27E-05	2.10E-05	1.5292E-04
607541.39	4201808.98	56734.22554	0.03357	0.03435	0.80291	0.75331	7.57E-05	5.27E-07	5.47E-07	2.05E-05	1.91E-05	1.1635E-04
607543.94	4201073.19	277775.2966	0.67309	0.7646	0.3396	0.29995	3.71E-04	1.06E-05	1.22E-05	8.65E-06	7.61E-06	4.0969E-04
607543.94	4201089.71	275085.7934	0.61434	0.69934	0.37052	0.32873	3.67E-04	9.65E-06	1.11E-05	9.44E-06	8.34E-06	4.0565E-04
607543.94	4201106.23	272464.8581	0.55925	0.63694	0.39954	0.35637	3.64E-04	8.78E-06	1.01E-05	1.02E-05	9.04E-06	4.0174E-04
607543.94	4201122.75	269809.1188	0.50827	0.57831	0.42625	0.3824	3.60E-04	7.98E-06	9.20E-06	1.09E-05	9.70E-06	3.9780E-04
607543.94	4201172.31	260931.741	0.38057	0.42965	0.49259	0.44952	3.48E-04	5.98E-06	6.84E-06	1.25E-05	1.14E-05	3.8498E-04
607546.5	4201792.51	58922.1873	0.03502	0.03586	0.79256	0.74321	7.86E-05	5.50E-07	5.71E-07	2.02E-05	1.89E-05	1.1880E-04
607553.31	4201751.62	64947.76045	0.0387	0.03972	0.785	0.73526	8.67E-05	6.08E-07	6.32E-07	2.00E-05	1.87E-05	1.2656E-04
607553.44	4201659.83	82852.30247	0.04862	0.0502	0.8176	0.76473	1.11E-04	7.64E-07	7.99E-07	2.08E-05	1.94E-05	1.5236E-04
607558.28	4201479.41	138610.9749	0.08617	0.09072	0.68349	0.65433	1.85E-04	1.35E-06	1.44E-06	1.74E-05	1.66E-05	2.2178E-04
607563.06	4201541.51	114637.7161	0.07007	0.0732	0.72709	0.69079	1.53E-04	1.10E-06	1.16E-06	1.85E-05	1.75E-05	1.9129E-04
607563.93	4201561.49	108123.6004	0.06587	0.06866	0.73819	0.69986	1.44E-04	1.03E-06	1.09E-06	1.88E-05	1.78E-05	1.8298E-04
607564.36	4201572.4	120632.1094	0.07468	0.07819	0.70263	0.66988	1.61E-04	1.17E-06	1.24E-06	1.79E-05	1.70E-05	1.9829E-04
607566.53	4201581.9	101400.0905	0.06207	0.06455	0.73937	0.69984	1.35E-04	9.75E-07	1.03E-06	1.88E-05	1.78E-05	1.7391E-04
607567.43	4201073.19	255892.8069	0.60098	0.67345	0.3009	0.26892	3.41E-04	9.44E-06	1.07E-05	7.67E-06	6.82E-06	3.7613E-04
607567.43	4201089.71	253168.8796	0.55221	0.6198	0.32552	0.2921	3.38E-04	8.67E-06	9.86E-06	8.29E-06	7.41E-06	3.7209E-04
607567.43	4201106.23	250536.2193	0.50643	0.56867	0.34878	0.31443	3.34E-04	7.95E-06	9.05E-06	8.88E-06	7.98E-06	3.6820E-04
607567.43	4201122.75	247889.9652	0.46389	0.52056	0.37041	0.33561	3.31E-04	7.29E-06	8.28E-06	9.44E-06	8.51E-06	3.6433E-04
607571.31	4201602.75	94498.94238	0.0584	0.06061	0.72424	0.68474	1.26E-04	9.17E-07	9.64E-07	1.84E-05	1.74E-05	1.6381E-04
607571.44	4201713.55	70062.09998	0.04318	0.04443	0.71677	0.67428	9.35E-05	6.78E-07	7.07E-07	1.83E-05	1.71E-05	1.3025E-04
607574.23	4201809.28	55416.00565	0.03488	0.03571	0.66869	0.63408	7.40E-05	5.48E-07	5.68E-07	1.70E-05	1.61E-05	1.0819E-04
607577.16	4201791.94	57666.49131	0.03636	0.03726	0.66812	0.63306	7.70E-05	5.71E-07	5.93E-07	1.70E-05	1.61E-05	1.1120E-04
607579.99	4201477.67	130925.7831	0.08792	0.09254	0.60168	0.57752	1.75E-04	1.38E-06	1.47E-06	1.53E-05	1.47E-05	2.0755E-04
607581.63	4201694.49	72532.09905	0.04571	0.0471	0.67825	0.6397	9.68E-05	7.18E-07	7.49E-07	1.73E-05	1.62E-05	1.3177E-04
607581.85	4202348.62	19103.68233	0.01461	0.01475	0.36314	0.34846	2.55E-05	2.29E-07	2.35E-07	9.25E-06	8.84E-06	4.4049E-05
607581.85	4202398.62	17536.03244	0.01366	0.01378	0.32522	0.31357	2.34E-05	2.15E-07	2.19E-07	8.28E-06	7.96E-06	4.0075E-05
607581.85	4202448.62	16191.34326	0.01284	0.01295	0.29135	0.2823	2.16E-05	2.02E-07	2.06E-07	7.42E-06	7.16E-06	3.6599E-05
607581.85	4202498.62	15038.87602	0.01214	0.01224	0.26168	0.25474	2.01E-05	1.91E-07	1.95E-07	6.67E-06	6.46E-06	3.3583E-05
607581.85	4202548.62	13998.13828	0.0115	0.0116	0.23392	0.22878	1.87E-05	1.81E-07	1.85E-07	5.96E-06	5.80E-06	3.0808E-05
607583.98	4201765.25	61147.32254	0.03892	0.03994	0.65778	0.62226	8.16E-05	6.11E-07	6.36E-07	1.68E-05	1.58E-05	1.1539E-04
607584.55	4201620.93	87675.15661	0.05599	0.05801	0.6709	0.63503	1.17E-04	8.79E-07	9.23E-07	1.71E-05	1.61E-05	1.5200E-04
607588.25	4201535.86	109732.0718	0.0728	0.07608	0.62055	0.59248	1.46E-04	1.14E-06	1.21E-06	1.58E-05	1.50E-05	1.7963E-04
607590.92	4201023.63	247788.7426	0.68027	0.74702	0.20654	0.18506	3.31E-04	1.07E-05	1.19E-05	5.26E-06	4.69E-06	3.6320E-04
607590.92	4201040.15	243405.3371	0.63248	0.69706	0.22768	0.20435	3.25E-04	9.93E-06	1.11E-05	5.80E-06	5.18E-06	3.5683E-04
607590.92	4201056.67	239880.3644	0.5867	0.6485	0.24883	0.22388	3.20E-04	9.22E-06	1.03E-05	6.34E-06	5.68E-06	3.5167E-04
607590.92	4201073.19	236848.9924	0.54305	0.60156	0.26959	0.24332	3.16E-04	8.53E-06	9.57E-06	6.87E-06	6.17E-06	3.4721E-04
607590.92	4201089.71	234082.7866	0.50174	0.55652	0.28963	0.26237	3.12E-04	7.88E-06	8.86E-06	7.38E-06	6.66E-06	3.4315E-04
607590.92	4201106.23	231430.1264	0.46294	0.5137	0.30867	0.28076	3.09E-04	7.27E-06	8.17E-06	7.86E-06	7.12E-06	3.3927E-04
607590.92	4201122.75	228784.7834	0.42678	0.47335	0.32651	0.29829	3.05E-04	6.70E-06	7.53E-06	8.32E-06	7.57E-06	3.3543E-04
607597.59	4201692.32	71415.71152	0.04671	0.04814	0.62107	0.58815	9.53E-05	7.34E-07	7.66E-07	1.58E-05	1.49E-05	1.2755E-04
607598.67	4201478.97	123975.593	0.08831	0.09287	0.54574	0.52473	1.65E-04	1.39E-06	1.48E-06	1.39E-05	1.33E-05	1.9552E-04
607600.11	4201587.7	93240.53655	0.06272	0.06518	0.60704	0.57822	1.24E-04	9.85E-07	1.04E-06	1.55E-05	1.47E-05	1.5658E-04
607607.03	4201729.35	65033.79586	0.04335	0.04458	0.59427	0.5644	8.68E-05	6.81E-07	7.09E-07	1.51E-05	1.43E-05	1.1763E-04
607607.79	4201535.43	105009.2402	0.0738	0.07708	0.55754	0.53371	1.40E-04	1.16E-06	1.23E-06	1.42E-05	1.35E-05	1.7026E-04
607610.72	4201606.08	86990.51779	0.05974	0.06198	0.57699	0.54977	1.16E-04	9.38E-07	9.86E-07	1.47E-05	1.39E-05	1.4666E-04
607614.41	4201023.63	231324.5311	0.61434	0.66899	0.19146	0.173	3.09E-04	9.65E-06	1.06E-05	4.88E-06	4.39E-06	3.3826E-04
607614.41	4201040.15	226825.8347	0.57282	0.62566	0.20905	0.18925	3.03E-04	9.00E-06	9.96E-06	5.33E-06	4.80E-06	3.3178E-04
607614.41	4201056.67	223215.7226	0.53321	0.5838	0.22657	0.20561	2.98E-04	8.38E-06	9.29E-06	5.77E-06	5.22E-06	3.2653E-04
607614.41	4201073.19	220120.9088	0.49558	0.54357	0.24375	0.22184	2.94E-04	7.78E-06	8.65E-06	6.21E-06	5.63E-06	3.2202E-04
607614.41	4201089.71	217310.9204	0.46001	0.50511	0.26035	0.23775	2.90E-04	7.23E-06	8.04E-06	6.63E-06	6.03E-06	3.1792E-04
607614.41	4201106.23	214637.8107	0.42657	0.46859	0.27621	0.25315	2.86E-04	6.70E-06	7.46E-06	7.04E-06	6.42E-06	3.1405E-04
607615.67	4201566.48	95518.12127	0.06754	0.07031	0.54952	0.52576	1.27E-04	1.06E-06	1.12E-06	1.40E-05	1.33E-05	1.5698E-04
607618.06	4201676.37	72143.62698	0.04953	0.05111	0.55898	0.53174	9.63E-05	7.78E-07	8.13E-07	1.42E-05	1.35E-05	1.2560E-04
607620.62	4201625.88	81243.91656	0.05679	0.05882	0.54991	0.52417	1.08E-04	8.92E-07	9.36E-07	1.40E-05	1.33E-05	1.3755E-04
607623.86	4201478.54	116166.9729	0.08914	0.09364	0.48182	0.46411	1.55E-04	1.40E-06	1.49E-06	1.23E-05	1.18E-05	1.8196E-04
607628.27	4201709.56	66314.73982	0.04634	0.04773	0.53706	0.51165	8.85E-05	7.28E-07	7.59E-07	1.37E-05	1.30E-05	1.1664E-04
607631.24	4201526.31	101802.4242	0.07672	0.08015	0.49112	0.47174	1.36E-04	1.21E-06	1.28E-06	1.25E-05	1.20E-05	1.6281E-04
607631.85	4202348.62	19136.47343	0.01504	0.0152	0.3072	0.29627	2.55E-05	2.36E-07	2.42E-07	7.83E-06	7.52E-06	4.1357E-05
607631.85	4202398.62	17589.92419	0.01403	0.01417	0.2774	0.26861	2.35E-05	2.26E-07	2.25E-07	7.07E-06	6.81E-06	3.7800E-05
607631.85	4202448.62	16332.49722	0.01322	0.01334	0.2521	0.24508	2.18E-05	2.08E-07	2.12E-07	6.42E-06	6.22E-06	3.4855E-05
607631.85	4202498.62	15194.04692	0.01247	0.01258	0.22784	0.2224	2.03E-05	1.96E-07	2.00E-07	5.80E-06	5.64E-06	3.2118E-05
607631.85	4202548.62	14168.74937	0.0118	0.0119	0.20493	0.20085	1.89E-05	1.85E-07	1.89E-07	5.22E-06	5.10E-06	2.9599E-05
607636.96	4201667.56	71724.76199	0.05147	0.05315	0.5105	0.48735	9.57E-05	8.08E-07	8.46E-07	1.30E-05	1.24E-05	1.2274E-04
607637.9	4201023.63	216815.5132	0.5602	0.60543	0.17813	0.16215	2.89E-04	8.80E-06	9.63E-06	4.54E-06	4.11E-06	3.1642E-04
607637.9	4201040.15	212206.9437	0.5237	0.5674	0.19297	0.176	2.83E-04	8.23E-06	9.03E-06	4.92E-06	4.47E-06	3.0982E-04
607637.9	4201056.67	208493.982	0.489	0.53089	0.20769	0.18988	2.78E-04	7.68E-06	8.45E-06	5.29E-06	4.82E-06	3.0447E-04
607637.9	4201073.19	205330.4091	0.45612	0.49593	0.22212	0.20363	2.74E-04	7.16E-06	7.89E-06	5.66E-06	5.17E-06	2.9989E-04
607637.9	4201089.71	202477.9929	0.42503	0.46259	0.2363	0.2171	2.70E-04	6.68E-06	7.36E-06	6.01E-06	5.51E-06	2.9576E-04
607637.9	4201106.23	199782.1654	0.3958	0.43097	0.24951	0.23017	2.67E-04	6.22E-06	6.86E-06	6.36E-06	5.84E-06	2.9188E-04
607638.19	4201499.38	106730.5393	0.08359	0.08755	0.46192	0.44486	1.42E-04	1.31E-06	1.39E-06	1.18E-05	1.13E-05	1.6819E-04
607646.08	4201557.29	91692.64895	0.07035	0.07325	0.47058	0.45187	1.22E-04	1.10E-06	1.17E-06	1.20E-05	1.15E-05	1.4808E-04
607647.58	4201700.87	65948.6596	0.04802	0.04949	0.4909	0.46965	8.80E-05	7.54E-07	7.87E-07	1.25E-05	1.19E-05	1.1397E-04
607655.79	4201662.74	70597.03202	0.05286	0.0546	0.46878	0.44882	9.42E-05	8.30E-07	8.69E-07	1.19E-05	1.14E-05	1.1924E-04
607661.39	4201023.63	204024.4923	0.51503	0.55279	0.16628	0.15237	2.72E-04	8.09E-06	8.80E-06	4.24E-06	3.87E-06	2.9725E-04
607661.39	4201040.15	199249.1019	0.48261	0.5191	0.17894	0.1643	2.66E-04	7.58E-06	8.26E-06	4.56E-06	4.17E-06	2.9046E-04
607661.39	4201056.67	195436.6171	0.45185	0.48688	0.19147	0.17621	2.61E-04	7.10E-06	7.75E-06	4.88E-06	4.47E-06	2.8500E-04
607661.39	4201073.19	192188.1607	0.42275	0.45612	0.20377	0.18799	2.56E-04	6.64E-06	7.26E-06	5.19E-06	4.77E-06	2.8033E-04
607661.39	4201089.71	189281.0212	0.39528	0.42686	0.21569	0.19955	2.53E-04	6.21E-06	6.79E-06	5.49E-06	5.06E-06	2.7615E-04
607661.39	4201106.23	186560.5441	0.36942	0.39912	0.22717	0.21079	2.49E-04	5.80E-06	6.35E-06	5.79E-06	5.35E-06	2.7225E-04
607664.96	4201692.67	65558.24097	0.04954	0.05108	0.45433	0.43576	8.75E-05	7.78E-07	8.13E-07	1.16E-05	1.11E-05	1.1171E-04
607665.17	4201577.8	84142.02088	0.06681	0.06941	0.43833	0.42143	1.12E-04	1.05E-06	1.10E-06	1.12E-05	1.07E-05	1.3630E-04
607665.17	4201609.62	78161.2291	0.06096	0.06317	0.44384	0.42607	1.04E-04	9.57E-07	1.01E-06	1.13E-05	1.08E-05	1.2838E-04
607672.95	4201521.22	93887.03949	0.07863	0.08205	0.4055	0.39103	1.25E-04	1.24E-06	1.31E-06	1.03E-05	9.92E-06	1.4808E-04
607675.07	4201495.76	98720.67752	0.08486	0.08874	0.39217	0.37866	1.32E-04	1.33E-06	1.41E-06	9.99E-06	9.61E-06	1.5408E-04
607675.1	4201657.91	69338.61047	0.05414	0.05592	0.4314	0.41412	9.25E-05	8.50E-07	8.90E-07	1.10E-05	1.05E-05	1.1577E-04

607681.85	4202348.62	19110.8576	0.01551	0.01568	0.26397	0.25567	2.55E-05	2.44E-07	2.50E-07	6.72E-06	6.49E-06	3.9207E-05
607681.85	4202398.62	17651.92189	0.01448	0.01463	0.24119	0.23434	2.36E-05	2.27E-07	2.33E-07	6.14E-06	5.95E-06	3.6106E-05
607681.85	4202448.62	16409.50589	0.01361	0.01374	0.22033	0.21481	2.19E-05	2.14E-07	2.19E-07	5.61E-06	5.45E-06	3.3393E-05
607681.85	4202498.62	15296.75853	0.01282	0.01294	0.20037	0.19603	2.04E-05	2.01E-07	2.06E-07	5.10E-06	4.97E-06	3.0898E-05
607681.85	4202548.62	14290.05317	0.01211	0.01222	0.18128	0.17798	1.91E-05	1.90E-07	1.94E-07	4.62E-06	4.52E-06	2.8588E-05
607682.14	4201602.55	77051.10869	0.06253	0.06481	0.41174	0.3961	1.03E-04	9.82E-07	1.03E-06	1.05E-05	1.00E-05	1.2537E-04
607684.88	4201023.63	192647.4417	0.47667	0.50845	0.15574	0.14356	2.57E-04	7.49E-06	8.09E-06	3.97E-06	3.64E-06	2.8027E-04
607684.88	4201040.15	187704.4996	0.4476	0.47835	0.16666	0.15391	2.50E-04	7.03E-06	7.61E-06	4.25E-06	3.90E-06	2.7328E-04
607684.88	4201056.67	183757.322	0.4201	0.44965	0.17745	0.16424	2.45E-04	6.60E-06	7.15E-06	4.52E-06	4.17E-06	2.6766E-04
607684.88	4201073.19	180435.7154	0.3941	0.42233	0.18803	0.17445	2.41E-04	6.19E-06	6.72E-06	4.79E-06	4.43E-06	2.6291E-04
607684.88	4201089.71	177482.0321	0.36956	0.39637	0.19833	0.18447	2.37E-04	5.80E-06	6.31E-06	5.05E-06	4.68E-06	2.5869E-04
607684.88	4201106.23	174737.6704	0.34646	0.37177	0.20827	0.19423	2.33E-04	5.44E-06	5.92E-06	5.31E-06	4.93E-06	2.5478E-04
607687.16	4201688.32	64122.78869	0.05062	0.0522	0.41342	0.39764	8.56E-05	7.95E-07	8.31E-07	1.05E-05	1.01E-05	1.0782E-04
607689.92	4201541.02	86836.43171	0.07446	0.0775	0.38444	0.37112	1.16E-04	1.17E-06	1.23E-06	9.79E-06	9.42E-06	1.3749E-04
607691.99	4201650.19	68663.0138	0.0556	0.05745	0.4018	0.38653	9.16E-05	8.73E-07	9.14E-07	1.02E-05	9.81E-06	1.1346E-04
607694.87	4201484.45	96643.33956	0.0877	0.0917	0.35837	0.34654	1.29E-04	1.38E-06	1.46E-06	9.13E-06	8.79E-06	1.4973E-04
607700.53	4201594.06	75920.22167	0.06424	0.06659	0.38076	0.36703	1.01E-04	1.01E-06	1.06E-06	9.70E-06	9.31E-06	1.2239E-04
607708.37	4201023.63	182321.3798	0.44363	0.47059	0.14633	0.1356	2.43E-04	6.97E-06	7.49E-06	3.73E-06	3.44E-06	2.6493E-04
607708.37	4201040.15	177255.7242	0.4174	0.4435	0.15583	0.14468	2.37E-04	6.56E-06	7.06E-06	3.97E-06	3.67E-06	2.5780E-04
607708.37	4201056.67	173226.8614	0.3926	0.41773	0.16521	0.15371	2.31E-04	6.17E-06	6.65E-06	4.21E-06	3.90E-06	2.5209E-04
607708.4	4201680.6	63163.52146	0.05203	0.05367	0.37998	0.36634	8.43E-05	8.17E-07	8.54E-07	9.68E-06	9.29E-06	1.0494E-04
607715.16	4201646.81	66713.71032	0.0565	0.05837	0.36694	0.35388	8.90E-05	8.87E-07	9.29E-07	9.35E-06	8.98E-06	1.0917E-04
607715.38	4201481.62	92840.77272	0.08816	0.09211	0.33082	0.32029	1.24E-04	1.38E-06	1.47E-06	8.43E-06	8.13E-06	1.4330E-04
607716.09	4201541.02	82343.1548	0.07448	0.07745	0.34788	0.33641	1.10E-04	1.17E-06	1.23E-06	8.86E-06	8.53E-06	1.2968E-04
607720.33	4201594.77	73178.39965	0.06426	0.06657	0.35278	0.34061	9.77E-05	1.01E-06	1.06E-06	8.99E-06	8.64E-06	1.1735E-04
607731.85	4202348.62	19010.92609	0.01595	0.01614	0.2295	0.22304	2.54E-05	2.51E-07	2.57E-07	5.85E-06	5.66E-06	3.7382E-05
607731.85	4202398.62	17646.21887	0.01492	0.01508	0.21168	0.20626	2.35E-05	2.34E-07	2.40E-07	5.39E-06	5.23E-06	3.4648E-05
607731.85	4202448.62	16425.66357	0.01399	0.01413	0.19428	0.18986	2.19E-05	2.20E-07	2.25E-07	4.95E-06	4.82E-06	3.2130E-05
607731.85	4202498.62	15331.29435	0.01316	0.01328	0.17752	0.17401	2.05E-05	2.07E-07	2.11E-07	4.52E-06	4.41E-06	2.9814E-05
607731.85	4202548.62	14356.74502	0.01242	0.01253	0.16164	0.15893	1.92E-05	1.95E-07	1.99E-07	4.12E-06	4.03E-06	2.7703E-05
607733.02	4201646.81	64899.11826	0.05671	0.05857	0.34346	0.33177	8.66E-05	8.91E-07	9.32E-07	8.75E-06	8.42E-06	1.0560E-04
607733.02	4201674.32	61672.07454	0.05316	0.05483	0.34631	0.33464	8.23E-05	8.35E-07	8.72E-07	8.82E-06	8.49E-06	1.0132E-04
607737.3	4201483.03	88278.01911	0.08741	0.09119	0.3065	0.29707	1.18E-04	1.37E-06	1.45E-06	7.81E-06	7.54E-06	1.3597E-04
607748.62	4201581.33	71457.38149	0.06653	0.06892	0.31648	0.30627	9.54E-05	1.04E-06	1.10E-06	8.06E-06	7.77E-06	1.1333E-04
607751.45	4201596.89	69055.64523	0.06395	0.06618	0.31556	0.30536	9.22E-05	1.00E-06	1.05E-06	8.04E-06	7.75E-06	1.1000E-04
607754.26	4201674.32	59785.28649	0.05333	0.05497	0.32126	0.311	7.98E-05	8.38E-07	8.75E-07	8.18E-06	7.89E-06	9.7569E-05
607754.74	4201641.98	63319.19836	0.0575	0.05936	0.31754	0.3074	8.45E-05	9.03E-07	9.45E-07	8.09E-06	7.80E-06	1.0224E-04
607756.4	4201533.95	77104.72469	0.07544	0.07836	0.2999	0.29061	1.03E-04	1.18E-06	1.25E-06	7.64E-06	7.37E-06	1.2034E-04
607756.4	4201557.99	73672.66415	0.0707	0.07332	0.30445	0.29491	9.83E-05	1.11E-06	1.17E-06	7.76E-06	7.48E-06	1.1583E-04
607759.93	4201485.86	83706.94129	0.08611	0.0897	0.28518	0.27661	1.12E-04	1.35E-06	1.43E-06	7.26E-06	7.02E-06	1.2877E-04
607825.82	4201172.31	114374.7024	0.20523	0.2144	0.15671	0.15023	1.53E-04	3.22E-06	3.41E-06	3.99E-06	3.81E-06	1.6707E-04
607825.82	4201188.83	112214.2233	0.19517	0.20388	0.16121	0.15478	1.50E-04	3.07E-06	3.24E-06	4.11E-06	3.93E-06	1.6409E-04
607825.82	4201205.35	110056.4202	0.1857	0.19395	0.16561	0.15926	1.47E-04	2.92E-06	3.09E-06	4.22E-06	4.04E-06	1.6113E-04
607825.82	4201221.87	107893.7567	0.17676	0.18457	0.16995	0.16366	1.44E-04	2.78E-06	2.94E-06	4.33E-06	4.15E-06	1.5818E-04
607825.82	4201238.39	105717.9716	0.16833	0.17572	0.17423	0.168	1.41E-04	2.64E-06	2.80E-06	4.44E-06	4.26E-06	1.5522E-04
607849.31	4201172.31	108399.1671	0.19737	0.20557	0.14763	0.14181	1.45E-04	3.10E-06	3.27E-06	3.76E-06	3.60E-06	1.5839E-04
607849.31	4201188.83	106338.2626	0.188	0.1958	0.1518	0.14602	1.42E-04	2.95E-06	3.12E-06	3.87E-06	3.70E-06	1.5555E-04
607849.31	4201205.35	104284.8629	0.17915	0.18656	0.15589	0.15015	1.39E-04	2.81E-06	2.97E-06	3.97E-06	3.81E-06	1.5273E-04
607849.31	4201221.87	102240.9274	0.1708	0.17783	0.15992	0.15423	1.36E-04	2.68E-06	2.83E-06	4.07E-06	3.91E-06	1.4994E-04
607849.31	4201238.39	100197.8969	0.16291	0.16958	0.16389	0.15824	1.34E-04	2.56E-06	2.70E-06	4.17E-06	4.01E-06	1.4716E-04
607872.8	4201172.31	102888.1775	0.19005	0.1974	0.1395	0.13425	1.37E-04	2.99E-06	3.14E-06	3.55E-06	3.41E-06	1.5039E-04
607872.8	4201188.83	100925.9594	0.1813	0.18831	0.14336	0.13815	1.35E-04	2.85E-06	3.00E-06	3.65E-06	3.50E-06	1.4769E-04
607872.8	4201205.35	98979.81894	0.17302	0.17969	0.14716	0.14198	1.32E-04	2.72E-06	2.86E-06	3.75E-06	3.60E-06	1.4501E-04
607872.8	4201221.87	97045.56969	0.16519	0.17154	0.1509	0.14576	1.30E-04	2.59E-06	2.73E-06	3.84E-06	3.70E-06	1.4237E-04
607872.8	4201238.39	95118.33266	0.15778	0.16382	0.15458	0.14948	1.27E-04	2.48E-06	2.61E-06	3.94E-06	3.79E-06	1.3975E-04
608186.19	4200733.55	111759.0653	0.26362	0.26706	0.03408	0.03283	1.49E-04	4.14E-06	4.25E-06	8.68E-07	8.33E-07	1.5923E-04
608186.19	4200741.15	110766.152	0.2604	0.26385	0.03479	0.03351	1.48E-04	4.09E-06	4.20E-06	8.86E-07	8.50E-07	1.5784E-04
608186.19	4200748.75	109335.7559	0.25719	0.26065	0.0355	0.03421	1.46E-04	4.04E-06	4.15E-06	9.04E-07	8.68E-07	1.5587E-04
608186.19	4200756.35	107615.1341	0.254	0.25746	0.03623	0.03491	1.44E-04	3.99E-06	4.10E-06	9.23E-07	8.86E-07	1.5351E-04
608186.19	4200763.95	105715.1178	0.25081	0.25428	0.03696	0.03562	1.41E-04	3.94E-06	4.05E-06	9.42E-07	9.04E-07	1.5091E-04
608186.19	4200771.55	103717.5192	0.24763	0.25111	0.0377	0.03634	1.38E-04	3.89E-06	4.00E-06	9.60E-07	9.22E-07	1.4818E-04
608186.19	4200779.15	101693.3756	0.24446	0.24794	0.03845	0.03706	1.36E-04	3.84E-06	3.95E-06	9.79E-07	9.40E-07	1.4541E-04
608186.19	4200786.75	99684.30089	0.24131	0.2448	0.0392	0.03779	1.33E-04	3.79E-06	3.90E-06	9.99E-07	9.59E-07	1.4267E-04
608186.19	4200794.35	97735.66805	0.23818	0.24167	0.03996	0.03853	1.30E-04	3.74E-06	3.85E-06	1.02E-06	9.77E-07	1.4001E-04
608186.19	4200801.95	95865.06863	0.23508	0.23856	0.04072	0.03928	1.28E-04	3.69E-06	3.80E-06	1.04E-06	9.97E-07	1.3745E-04
608186.19	4200809.55	94057.33373	0.23199	0.23547	0.0415	0.04003	1.26E-04	3.64E-06	3.75E-06	1.06E-06	1.02E-06	1.3498E-04
608186.19	4200817.15	92328.90918	0.22892	0.2324	0.04227	0.04079	1.23E-04	3.60E-06	3.70E-06	1.08E-06	1.03E-06	1.3262E-04
608186.19	4200824.75	90677.22793	0.22588	0.22936	0.04306	0.04155	1.21E-04	3.55E-06	3.65E-06	1.10E-06	1.05E-06	1.3036E-04
608186.19	4200832.35	89104.48576	0.22286	0.22633	0.04384	0.04232	1.19E-04	3.50E-06	3.60E-06	1.12E-06	1.07E-06	1.2820E-04
608186.19	4200839.95	87606.27468	0.21987	0.22333	0.04463	0.0431	1.17E-04	3.45E-06	3.55E-06	1.14E-06	1.09E-06	1.2615E-04
608186.19	4200847.55	86184.62455	0.21691	0.22036	0.04542	0.04387	1.15E-04	3.41E-06	3.51E-06	1.16E-06	1.11E-06	1.2420E-04
608186.19	4200855.15	84836.8288	0.21397	0.21741	0.04622	0.04465	1.13E-04	3.36E-06	3.46E-06	1.18E-06	1.13E-06	1.2234E-04
608186.19	4200862.75	83551.77548	0.21106	0.21449	0.04702	0.04544	1.11E-04	3.32E-06	3.41E-06	1.20E-06	1.15E-06	1.2058E-04
608186.19	4200870.35	82327.95163	0.20818	0.2116	0.04782	0.04623	1.10E-04	3.27E-06	3.37E-06	1.22E-06	1.17E-06	1.1889E-04
608193.06	4200733.55	105956.5668	0.25862	0.26198	0.03401	0.03278	1.41E-04	4.06E-06	4.17E-06	8.66E-07	8.32E-07	1.5133E-04
608193.06	4200741.15	105274.3038	0.25551	0.25888	0.03471	0.03345	1.40E-04	4.01E-06	4.12E-06	8.84E-07	8.49E-07	1.5035E-04
608193.06	4200748.75	104179.0156	0.2524	0.25578	0.03542	0.03414	1.39E-04	3.96E-06	4.07E-06	9.02E-07	8.66E-07	1.4883E-04
608193.06	4200756.35	102831.2489	0.2493	0.25269	0.03613	0.03483	1.37E-04	3.92E-06	4.02E-06	9.20E-07	8.84E-07	1.4697E-04
608193.06	4200763.95	101315.2992	0.24621	0.2496	0.03686	0.03553	1.35E-04	3.87E-06	3.97E-06	9.39E-07	9.01E-07	1.4488E-04
608193.06	4200771.55	99689.64399	0.24313	0.24653	0.03759	0.03624	1.33E-04	3.82E-06	3.92E-06	9.58E-07	9.19E-07	1.4265E-04
608193.06	4200779.15	97996.90772	0.24007	0.24347	0.03833	0.03696	1.31E-04	3.77E-06	3.87E-06	9.76E-07	9.38E-07	1.4033E-04
608193.06	4200786.75	96289.46234	0.23701	0.24041	0.03907	0.03768	1.28E-04	3.72E-06	3.83E-06	9.95E-07	9.56E-07	1.3800E-04
608193.06	4200794.35	94609.45213	0.23397	0.23738	0.03982	0.03841	1.26E-04	3.67E-06	3.78E-06	1.01E-06	9.74E-07	1.3570E-04
608193.06	4200801.95	92963.9349	0.23096	0.23436	0.04058	0.03915	1.24E-04	3.63E-06	3.73E-06	1.03E-06	9.93E-07	1.3344E-04
608193.06	4200809.55	91361.61274	0.22796	0.23136	0.04134	0.03989	1.22E-04	3.58E-06	3.68E-06	1.05E-06	1.01E-06	1.3125E-04
608193.06	4200817.15	89822.59853	0.22498	0.22838	0.0421	0.04064	1.20E-04	3.53E-06	3.63E-06	1.07E-06	1.03E-06	1.2914E-04
608193.06	4200824.75	88351.26369	0.22203	0.22543	0.04287	0.04139	1.18E-04	3.49E-06	3.59E-06	1.09E-06	1.05E-06	1.2712E-04
608193.06	4200832.35	86934.82857	0.2191	0.22249	0.04365	0.04215	1.16E-04	3.44E-06	3.54E-06	1.11E-06	1.07E-06	1.2518E-04
608193.06	4200839.95	85569.85918	0.21619	0.21958	0.04442	0.04291	1.14E-04	3.40E-06	3.49E-06	1.13E-06	1.09E-06	1.2330E-04
608193.06	4200847.55	84266.20046	0.21331	0.21669	0.04521	0.04368	1.12E-04	3.35E-06	3.45E-06	1.15E-06	1.11E-06	1.2151E-04
608193.06	4200855.15	83022.46384	0.21046	0.21382	0.04599	0.04445	1.11E-04	3.31E-06	3.40E-06	1.17E-06	1.13E-06	1.1980E-04
608193.06	4200862.75	81837.52549	0.20763	0.21098	0.04678	0.04522	1.09E-04	3.26E-06	3.36E-06	1.19E-06	1.15E-06	1.1817E-04
608193.06	4200870.35	80702.00506	0.20483	0.20817	0.04757	0.046	1.08E-04	3.22E-06	3.31E-06	1.21E-06	1.17E-06	1.1660E-04
608199.93	4200733.55	100931.963	0.25375	0.25703	0.03394	0.03273	1.35E-04	3.99E-06	4.09E-06	8.65E-07	8.30E-07	1.4446E-04
608199.93	4200741.15	100458.7215	0.25074	0.25403	0.03464	0.0334	1.34E-04	3.94E-06	4.04E-06	8.82E-07	8.47E-07	1.4377E-04
608199.93	4200748.75	99617.925	0.24773	0.25103	0.03533	0.03407	1.33E-04	3.89E-06	3.99E-06	9.00E-07	8.64E-07	1.4259E-04
608199.93	4200756.35	98555.34434	0.24473	0.24804	0.03604	0.03476	1.32E-04	3.84E-06	3.95E-06	9.18E-07	8.82E-07	1.4111E-04
608199.93	4200763.95	97335.39379	0.24174	0.24505	0.03676	0.03545	1.30E-04	3.80E-06	3.90E-06	9.36E-07	8.99E-07	1.3942E-04
608199.93	4200771.55	95994.1309	0.23875	0.24207	0.03748	0.03615	1.28E-04	3.75E-06	3.85E-06	9.55E-07	9.17E-07	1.3758E-04
608199.93	4200779.15	94572.90347	0.23578	0.2391	0.03821	0.03685	1.26E-04	3.70E-06	3.80E-06	9.73E-07	9.35E-07	1.3562E-04
608199.93	4200786.75	93122.86771	0.23282	0.23614	0.03894	0.03757	1.24E-04	3.66E-06	3.76E-06	9.92E-07	9.53E-07	1.3363E-04
608199.93	4200794.35	91668.38169	0.22987	0.2332	0.03968	0.03829	1.22E-04	3.61E-06	3.71E-06	1.01E-06	9.71E-07	1.3163E-04
608199.93	4200801.95	90227.9348	0.22694	0.23027	0.04042	0.03902	1.20E-04	3.56E-06	3.66E-06	1.03E-06	9.90E-07	1.2966E-04
608199.93	4200809.55	88811.39003	0.22402	0.22735	0.04117	0.03975	1.19E-04	3.52E-06	3.62E-06	1.05E-06	1.01E-06	1.2771E-04
608199.93	4200817.15	87438.67972	0.22113	0.22446	0.04193	0.04049	1.17E-04	3.47E-06	3.57E-06	1.07E-06	1.03E-06	1.2583E-04
608199.93	4200824.75	86114.25375	0.21827	0.22159	0.04269	0.04123	1.15E-04	3.43E-06	3.53E-06	1.09E-06	1.05E-06	1.2401E-04
608199.93	4200832.35	84841.59064	0.21543	0.21874	0.04345	0.04198	1.13E-04	3.38E-06	3.48E-06	1.11E-06	1.07E-06	1.2226E-04
608199.93	4200839.95	83603.48968	0.2126	0.21591	0.04422	0.04273	1.12E-04	3.34E-06	3.44E-06	1.13E-06	1.08E-06	1.2055E-04
608199.93	4200847.55	82412.25504	0.2098	0.2131	0.04499	0.04348	1.10E-04	3.30E-06	3.39E-06	1.15E-06	1.10E-06	1.1891E-04
608199.93	4200855.15	81267.18234	0.20703	0.21031	0.04576	0.04424	1.08E-04	3.25E-06	3.35E-06	1.17E-06	1.12E-06	1.1734E-04
608199.93	4200862.75	80170.39551	0.20428	0.20755	0.04654	0.045	1.07E-04	3.21E-06	3.30E-06	1.19E-06	1.14E-06	1.1582E-04
608199.93	4200870.35	79118.84715	0.20155	0.20482	0.04732	0.04577	1.06E-04	3.17E-06	3.26E-06	1.21E-06	1.16E-06	1.1437E-04
608206.8	4200733.55	96529.89102	0.24901	0.25222	0.03388	0.03267	1.29E-04	3.91E-06	4.01E-06	8.63E-07	8.29E-07	1.3843E-04
608206.8	4200741.15	96203.6821	0.2461	0.24932	0.03456	0.03333	1.28E-04	3.87E-06	3.97E-06	8.80E-07	8.46E-07	1.3794E-04
608206.8	4200748.75	95561.49958	0.24318	0.24641	0.03525	0.034	1.28E-04	3.82E-06	3.92E-06	8.98E-07	8.63E-07	1.3703E-04
608206.8	4200756.35	94704.21069	0.24027	0.24351	0.03595	0.03468	1.26E-04	3.77E-06	3.87E-06	9.16E-07	8.80E-07	1.3583E-04
608206.8	4200763.95	93704.83585	0.23737	0.24061	0.03665	0.03536	1.25E-04	3.73E-06	3.83E-06	9.34E-07	8.97E-07	1.3444E-04
608206.8	4200771.55	92596.252	0.23448	0.23773	0.03737	0.03606	1.24E-04	3.68E-06	3.78E-06	9.52E-07	9.15E-07	1.3290E-04
608206.8	4200779.15	91402.20475	0.2316	0.23485	0.03808	0.03676	1.22E-04	3.64E-06	3.74E-06	9.70E-07	9.33E-07	1.3125E-04
608206.8	4200786.75	90162.88087	0.22872	0.23197	0.03881	0.03746	1.20E-04	3.59E-06	3.69E-06	9.89E-07	9.50E-07	1.2954E-04
608206.8	4200794.35	88905.46336	0.22586	0.22912	0.03954	0.03817	1.19E-04	3.55E-06	3.65E-06	1.01E-06	9.68E-07	1.2781E-04
608206.8	4200801.95	87646.75224	0.22302	0.22627	0.04027	0.03889	1.17E-04	3.50E-06	3.60E-06	1.03E-06	9.87E-07	1.2608E-04
608206.8	4200809.55	86399.99286	0.22019	0.22344	0.04101	0.03961	1.15E-04	3.46E-06	3.56E-06	1.04E-06	1.00E-06	1.2436E-04
608206.8	4200817.15	85175.1093	0.21738	0.22063	0.04176	0.04034	1.14E-04	3.41E-06	3.51E-06	1.06E-06	1.02E-06	1.2268E-04
608206.8	4200824.75	83978.26278	0.21459	0.21784	0.04251	0.04107	1.12E-04	3.37E-06	3.47E-06	1.08E-06	1.04E-06	1.2103E-04
608206.8	4200832.35	82826.18306	0.21183	0.21507	0.04326	0.0418	1.11E-04	3.33E-06	3.42E-06	1.10E-06	1.06E-06	1.1944E-04
608206.8	4200839.95	81708.81187	0.20909	0.21232	0.04401	0.04254	1.09E-04	3.28E-06	3.38E-06	1.12E-06	1.08E-06	1.1790E-04
608206.8	4200847.55	80622.18623	0.20637	0.20959	0.04477	0.04329	1.08E-04	3.24E-06	3.33E-06	1.14E-06	1.10E-06	1.1640E-04
608206.8	4200855.15	79569.19299	0.20367	0.20688	0.04554	0.04404	1.06E-04	3.20E-06	3.29E-06	1.16E-06	1.12E-06	1.1495E-04
608206.8	4200862.75	78554.65283	0.201	0.2042	0.0463	0.04479	1.05E-04	3.16E-06	3.25E-06	1.18E-06	1.14E-06	1.1355E-04
608206.8	4200870.35	77579.52138	0.19835	0.20154	0.04707	0.04554	1.04E-04	3.12E-06	3.21E-06	1.20E-06	1.16E-06	1.1221E-04
608213.67	4200733.55	92638.27866	0.2444	0.24754	0.03381	0.03261	1.24E-04	3.84E-06	3.94E-06	8.61E-07	8.27E-07	1.3309E-04
608213.67	4200741.15	92417.57145	0.24158	0.24473	0.03448	0.03327	1.23E-04	3.79E-06	3.89E-06	8.78E-07	8.44E-07	1.3274E-04
608213.67	4200748.75	91914.11623	0.23875	0.24191	0.03516	0.03393	1.23E-04	3.75E-06	3.85E-06	8.96E-07	8.61E-07	1.3201E-04
608213.67	4200756.35	91219.92138	0.23593	0.23909	0.03585	0.0346	1.22E-04	3.71E-06	3.80E-06	9.13E-07	8.78E-07	1.3103E-04
608213.67	4200763.95	90389.71892	0.23312	0.23629	0.03655	0.03528	1.21E-04	3.66E-06	3.76E-06	9.31E-07	8.95E-07	1.2987E-04
608213.67	4200771.55	89463.81888	0.23032	0.23349	0.03725	0.03596	1.19E-04	3.62E-06	3.72E-06	9.49E-07	9.12E-07	1.2858E-04
608213.67	4200779.15	88456.60944	0.22752	0.23069	0.03796	0.03665	1.18E-04	3.57E-06	3.67E-06	9.67E-07	9.30E-07	1.2719E-04
608213.67	4200786.75	87397.69597	0.22473	0.22791	0.03868	0.03735	1.17E-04	3.53E-06	3.63E-06	9.85E-07	9.48E-07	1.2572E-04
608213.67	4200794.35	86311.38605	0.22196	0.22514	0.0394	0.03805	1.15E-04	3.49E-06	3.58E-06	1.00E-06	9.65E-07	1.2422E-04
608213.67	4200801.95	85209.73471	0.2192	0.22237	0.04012	0.03876	1.14E-04	3.44E-06	3.54E-06	1.02E-06	9.83E-07	1.2270E-04
608213.67	4200809.55	84108.80096	0.21645	0.21963	0.04085	0.03947	1.12E-04	3.40E-06	3.49E-06	1.04E-06	1.00E-06	1.2118E-04
608213.67	4200817.15	83018.09029	0.21372	0.2169	0.04159	0.04019	1.11E-04	3.36E-06	3.45E-06	1.06E-06	1.02E-06	1.1967E-04
608213.67	4200824.75	81944.5248	0.21101	0.21418	0.04232	0.04091	1.09E-04	3.31E-06	3.41E-06	1.08E-06	1.04E-06	1.1819E-04
608213.67	4200832.35	80895.71924	0.20832	0.21149	0.04307	0.04164	1.08E-04	3.27E-06	3.37E-06	1.10E-06	1.06E-06	1.1675E-04
608213.67	4200839.95	79883.07034	0.20566	0.20882	0.04381	0.04237	1.07E-04	3.23E-06	3.32E-06	1.12E-06	1.07E-06	1.1535E-04

608213.67	4200847.55	78894.62198	0.20302	0.20616	0.04456	0.0431	1.05E-04	3.19E-06	3.28E-06	1.14E-06	1.09E-06	1.1398E-04
608213.67	4200855.15	77926.89193	0.20039	0.20353	0.04531	0.04384	1.04E-04	3.15E-06	3.24E-06	1.15E-06	1.11E-06	1.1264E-04
608213.67	4200862.75	76990.14052	0.19779	0.20092	0.04606	0.04458	1.03E-04	3.11E-06	3.20E-06	1.17E-06	1.13E-06	1.1135E-04
608213.67	4200870.35	76083.83103	0.19521	0.19833	0.04682	0.04532	1.02E-04	3.07E-06	3.16E-06	1.19E-06	1.15E-06	1.1010E-04
608220.54	4200733.55	89162.45266	0.23991	0.24297	0.03373	0.03256	1.19E-04	3.77E-06	3.87E-06	8.59E-07	8.26E-07	1.2831E-04
608220.54	4200741.15	89013.93429	0.23718	0.24025	0.0344	0.0332	1.19E-04	3.73E-06	3.82E-06	8.76E-07	8.42E-07	1.2805E-04
608220.54	4200748.75	88624.64818	0.23444	0.23752	0.03508	0.03386	1.18E-04	3.68E-06	3.78E-06	8.94E-07	8.59E-07	1.2748E-04
608220.54	4200756.35	88057.2477	0.2317	0.23479	0.03576	0.03452	1.18E-04	3.64E-06	3.74E-06	9.11E-07	8.76E-07	1.2667E-04
608220.54	4200763.95	87361.67552	0.22897	0.23207	0.03645	0.03519	1.17E-04	3.60E-06	3.69E-06	9.29E-07	8.93E-07	1.2569E-04
608220.54	4200771.55	86575.7011	0.22625	0.22935	0.03714	0.03586	1.16E-04	3.55E-06	3.65E-06	9.46E-07	9.10E-07	1.2459E-04
608220.54	4200779.15	85714.97076	0.22354	0.22664	0.03784	0.03655	1.14E-04	3.51E-06	3.61E-06	9.64E-07	9.27E-07	1.2339E-04
608220.54	4200786.75	84807.55874	0.22083	0.22394	0.03854	0.03723	1.13E-04	3.47E-06	3.56E-06	9.82E-07	9.45E-07	1.2213E-04
608220.54	4200794.35	83873.06017	0.21814	0.22125	0.03926	0.03793	1.12E-04	3.43E-06	3.52E-06	1.00E-06	9.62E-07	1.2084E-04
608220.54	4200801.95	82909.993	0.21546	0.21857	0.03997	0.03863	1.11E-04	3.38E-06	3.48E-06	1.02E-06	9.80E-07	1.1950E-04
608220.54	4200809.55	81936.35822	0.2128	0.2159	0.04069	0.03933	1.09E-04	3.34E-06	3.44E-06	1.04E-06	9.98E-07	1.1816E-04
608220.54	4200817.15	80964.21719	0.21015	0.21325	0.04141	0.04004	1.08E-04	3.30E-06	3.39E-06	1.05E-06	1.02E-06	1.1681E-04
608220.54	4200824.75	80000.63817	0.20751	0.21061	0.04214	0.04075	1.07E-04	3.26E-06	3.35E-06	1.07E-06	1.03E-06	1.1548E-04
608220.54	4200832.35	79048.70098	0.2049	0.20799	0.04287	0.04147	1.05E-04	3.22E-06	3.31E-06	1.09E-06	1.05E-06	1.1416E-04
608220.54	4200839.95	78129.91821	0.20231	0.20539	0.04361	0.04219	1.04E-04	3.18E-06	3.27E-06	1.11E-06	1.07E-06	1.1289E-04
608220.54	4200847.55	77227.01365	0.19974	0.20281	0.04435	0.04291	1.03E-04	3.14E-06	3.23E-06	1.13E-06	1.09E-06	1.1164E-04
608220.54	4200855.15	76340.03198	0.19718	0.20025	0.04509	0.04364	1.02E-04	3.10E-06	3.19E-06	1.15E-06	1.11E-06	1.1041E-04
608220.54	4200862.75	75475.08913	0.19465	0.19771	0.04583	0.04437	1.01E-04	3.06E-06	3.15E-06	1.17E-06	1.13E-06	1.0922E-04
608220.54	4200870.35	74634.79925	0.19214	0.19519	0.04657	0.0451	9.96E-05	3.02E-06	3.11E-06	1.19E-06	1.14E-06	1.0805E-04
608227.41	4200733.55	86026.15981	0.23553	0.23853	0.03367	0.0325	1.15E-04	3.70E-06	3.80E-06	8.58E-07	8.25E-07	1.2398E-04
608227.41	4200741.15	85930.68958	0.23289	0.23589	0.03432	0.03314	1.15E-04	3.66E-06	3.75E-06	8.74E-07	8.41E-07	1.2380E-04
608227.41	4200748.75	85633.31648	0.23024	0.23325	0.03499	0.03379	1.14E-04	3.62E-06	3.71E-06	8.91E-07	8.57E-07	1.2335E-04
608227.41	4200756.35	85173.25771	0.22758	0.23061	0.03566	0.03444	1.14E-04	3.57E-06	3.67E-06	9.08E-07	8.74E-07	1.2269E-04
608227.41	4200763.95	84589.3499	0.22493	0.22796	0.03634	0.0351	1.13E-04	3.53E-06	3.63E-06	9.26E-07	8.90E-07	1.2186E-04
608227.41	4200771.55	83917.21421	0.22229	0.22532	0.03703	0.03577	1.12E-04	3.49E-06	3.59E-06	9.43E-07	9.07E-07	1.2091E-04
608227.41	4200779.15	83173.74353	0.21965	0.22269	0.03772	0.03644	1.11E-04	3.45E-06	3.54E-06	9.61E-07	9.24E-07	1.1987E-04
608227.41	4200786.75	82389.87764	0.21703	0.22007	0.03841	0.03712	1.10E-04	3.41E-06	3.50E-06	9.78E-07	9.42E-07	1.1878E-04
608227.41	4200794.35	81575.423	0.21442	0.21746	0.03911	0.0378	1.09E-04	3.37E-06	3.46E-06	9.96E-07	9.59E-07	1.1764E-04
608227.41	4200801.95	80736.97037	0.21182	0.21486	0.03982	0.03849	1.08E-04	3.33E-06	3.42E-06	1.01E-06	9.76E-07	1.1648E-04
608227.41	4200809.55	79876.98205	0.20923	0.21227	0.04053	0.03919	1.07E-04	3.29E-06	3.38E-06	1.03E-06	9.94E-07	1.1529E-04
608227.41	4200817.15	79009.31478	0.20665	0.20969	0.04124	0.03989	1.05E-04	3.25E-06	3.34E-06	1.05E-06	1.01E-06	1.1408E-04
608227.41	4200824.75	78143.71981	0.20409	0.20712	0.04196	0.04059	1.04E-04	3.21E-06	3.30E-06	1.07E-06	1.03E-06	1.1288E-04
608227.41	4200832.35	77285.21606	0.20155	0.20457	0.04268	0.0413	1.03E-04	3.17E-06	3.26E-06	1.09E-06	1.05E-06	1.1169E-04
608227.41	4200839.95	76443.81236	0.19903	0.20205	0.04341	0.04201	1.02E-04	3.13E-06	3.22E-06	1.11E-06	1.07E-06	1.1053E-04
608227.41	4200847.55	75618.24801	0.19653	0.19954	0.04413	0.04272	1.01E-04	3.09E-06	3.18E-06	1.12E-06	1.08E-06	1.0938E-04
608227.41	4200855.15	74807.02142	0.19405	0.19705	0.04486	0.04344	9.98E-05	3.05E-06	3.14E-06	1.14E-06	1.10E-06	1.0826E-04
608227.41	4200862.75	74008.91949	0.19159	0.19457	0.04559	0.04416	9.88E-05	3.01E-06	3.10E-06	1.16E-06	1.12E-06	1.0715E-04
608227.41	4200870.35	73229.66258	0.18914	0.19212	0.04633	0.04488	9.77E-05	2.97E-06	3.06E-06	1.18E-06	1.14E-06	1.0607E-04
608234.28	4200741.15	83121.99098	0.2287	0.23164	0.03425	0.03307	1.11E-04	3.59E-06	3.69E-06	8.72E-07	8.39E-07	1.1991E-04
608234.28	4200748.75	82893.07732	0.22613	0.22908	0.03491	0.03371	1.11E-04	3.55E-06	3.65E-06	8.89E-07	8.55E-07	1.1956E-04
608234.28	4200756.35	82518.7857	0.22356	0.22652	0.03557	0.03436	1.10E-04	3.51E-06	3.60E-06	9.06E-07	8.72E-07	1.1901E-04
608234.28	4200763.95	82034.84545	0.221	0.22396	0.03624	0.03501	1.09E-04	3.47E-06	3.56E-06	9.23E-07	8.88E-07	1.1832E-04
608234.28	4200771.55	81462.48944	0.21843	0.2214	0.03692	0.03567	1.09E-04	3.43E-06	3.52E-06	9.40E-07	9.05E-07	1.1751E-04
608234.28	4200779.15	80824.83498	0.21587	0.21884	0.0376	0.03633	1.08E-04	3.39E-06	3.48E-06	9.58E-07	9.22E-07	1.1661E-04
608234.28	4200786.75	80138.32774	0.21332	0.21629	0.03828	0.037	1.07E-04	3.35E-06	3.44E-06	9.75E-07	9.39E-07	1.1565E-04
608234.28	4200794.35	79417.93319	0.21078	0.21375	0.03898	0.03768	1.06E-04	3.31E-06	3.40E-06	9.93E-07	9.56E-07	1.1464E-04
608234.28	4200801.95	78686.05028	0.20826	0.21123	0.03967	0.03836	1.05E-04	3.27E-06	3.36E-06	1.01E-06	9.73E-07	1.1362E-04
608234.28	4200809.55	77924.82199	0.20575	0.20872	0.04037	0.03905	1.04E-04	3.23E-06	3.32E-06	1.03E-06	9.91E-07	1.1256E-04
608234.28	4200817.15	77151.18761	0.20324	0.20621	0.04108	0.03974	1.03E-04	3.19E-06	3.28E-06	1.05E-06	1.01E-06	1.1149E-04
608234.28	4200824.75	76370.38959	0.20075	0.20371	0.04178	0.04043	1.02E-04	3.15E-06	3.24E-06	1.06E-06	1.03E-06	1.1040E-04
608234.28	4200832.35	75593.62651	0.19828	0.20124	0.04249	0.04113	1.01E-04	3.11E-06	3.20E-06	1.08E-06	1.04E-06	1.0932E-04
608234.28	4200839.95	74822.80208	0.19583	0.19877	0.04321	0.04183	9.98E-05	3.08E-06	3.16E-06	1.10E-06	1.06E-06	1.0825E-04
608234.28	4200847.55	74066.36741	0.19339	0.19633	0.04392	0.04253	9.88E-05	3.04E-06	3.12E-06	1.12E-06	1.08E-06	1.0720E-04
608234.28	4200855.15	73324.10159	0.19098	0.19391	0.04464	0.04324	9.78E-05	3.00E-06	3.09E-06	1.14E-06	1.10E-06	1.0617E-04
608234.28	4200862.75	72590.25011	0.18858	0.1915	0.04536	0.04395	9.69E-05	2.96E-06	3.05E-06	1.16E-06	1.12E-06	1.0515E-04
608234.28	4200870.35	71869.36384	0.18621	0.18912	0.04608	0.04466	9.59E-05	2.92E-06	3.01E-06	1.17E-06	1.13E-06	1.0415E-04
608240.38	4200722.19	80603.87685	0.2313	0.23416	0.03258	0.03146	1.08E-04	3.63E-06	3.73E-06	8.30E-07	7.98E-07	1.1655E-04
608240.73	4200729.53	80699.30636	0.22868	0.23155	0.03319	0.03205	1.08E-04	3.59E-06	3.68E-06	8.45E-07	8.13E-07	1.1663E-04
608241.15	4200741.15	80560.20578	0.22462	0.2275	0.03417	0.033	1.08E-04	3.53E-06	3.62E-06	8.70E-07	8.37E-07	1.1636E-04
608241.15	4200748.75	80375.55883	0.22213	0.22501	0.03482	0.03364	1.07E-04	3.49E-06	3.58E-06	8.87E-07	8.53E-07	1.1607E-04
608241.15	4200756.35	80070.19638	0.21964	0.22253	0.03547	0.03427	1.07E-04	3.45E-06	3.54E-06	9.04E-07	8.69E-07	1.1562E-04
608241.15	4200763.95	79670.48242	0.21715	0.22005	0.03614	0.03492	1.06E-04	3.41E-06	3.50E-06	9.21E-07	8.86E-07	1.1504E-04
608241.15	4200771.55	79185.98984	0.21467	0.21757	0.0368	0.03557	1.06E-04	3.37E-06	3.46E-06	9.37E-07	9.02E-07	1.1435E-04
608241.15	4200779.15	78633.97299	0.21218	0.21509	0.03748	0.03623	1.05E-04	3.33E-06	3.42E-06	9.55E-07	9.19E-07	1.1357E-04
608241.15	4200786.75	78032.1724	0.20971	0.21261	0.03816	0.03689	1.04E-04	3.29E-06	3.38E-06	9.72E-07	9.36E-07	1.1272E-04
608241.15	4200794.35	77398.97744	0.20724	0.21014	0.03884	0.03756	1.03E-04	3.26E-06	3.34E-06	9.89E-07	9.53E-07	1.1183E-04
608241.15	4200801.95	76749.28477	0.20479	0.20769	0.03952	0.03823	1.02E-04	3.22E-06	3.30E-06	1.01E-06	9.70E-07	1.1092E-04
608241.15	4200809.55	76073.60921	0.20235	0.20525	0.04021	0.03891	1.02E-04	3.18E-06	3.27E-06	1.02E-06	9.87E-07	1.0997E-04
608241.15	4200817.15	75380.63245	0.19991	0.20281	0.04091	0.03959	1.01E-04	3.14E-06	3.23E-06	1.04E-06	1.00E-06	1.0901E-04
608241.15	4200824.75	74678.83328	0.19749	0.20039	0.0416	0.04027	9.97E-05	3.10E-06	3.19E-06	1.06E-06	1.02E-06	1.0803E-04
608241.15	4200832.35	73975.032	0.19509	0.19798	0.0423	0.04096	9.87E-05	3.06E-06	3.15E-06	1.08E-06	1.04E-06	1.0705E-04
608241.15	4200839.95	73271.34004	0.1927	0.19558	0.04301	0.04165	9.78E-05	3.03E-06	3.11E-06	1.10E-06	1.06E-06	1.0607E-04
608241.15	4200847.55	72575.73235	0.19033	0.1932	0.04371	0.04234	9.69E-05	2.99E-06	3.07E-06	1.11E-06	1.07E-06	1.0510E-04
608241.15	4200855.15	71889.10315	0.18798	0.19084	0.04442	0.04304	9.59E-05	2.95E-06	3.04E-06	1.13E-06	1.09E-06	1.0415E-04
608241.15	4200862.75	71215.68103	0.18565	0.1885	0.04513	0.04374	9.50E-05	2.92E-06	3.00E-06	1.15E-06	1.11E-06	1.0321E-04
608241.15	4200870.35	70548.55577	0.18334	0.18618	0.04584	0.04444	9.41E-05	2.88E-06	2.96E-06	1.17E-06	1.13E-06	1.0228E-04
608248.02	4200741.15	78214.06233	0.22065	0.22346	0.03409	0.03293	1.04E-04	3.47E-06	3.56E-06	8.68E-07	8.35E-07	1.1310E-04
608248.02	4200748.75	78063.97645	0.21823	0.22105	0.03473	0.03356	1.04E-04	3.43E-06	3.52E-06	8.85E-07	8.51E-07	1.1286E-04
608248.02	4200756.35	77814.15353	0.21582	0.21864	0.03538	0.03419	1.04E-04	3.39E-06	3.48E-06	9.01E-07	8.67E-07	1.1248E-04
608248.02	4200763.95	77478.06936	0.21341	0.21624	0.03603	0.03483	1.03E-04	3.35E-06	3.44E-06	9.18E-07	8.84E-07	1.1199E-04
608248.02	4200771.55	77063.68932	0.21099	0.21383	0.03669	0.03547	1.03E-04	3.31E-06	3.40E-06	9.35E-07	9.00E-07	1.1139E-04
608248.02	4200779.15	76583.97593	0.20858	0.21142	0.03736	0.03612	1.02E-04	3.28E-06	3.36E-06	9.52E-07	9.16E-07	1.1071E-04
608248.02	4200786.75	76056.09245	0.20618	0.20902	0.03803	0.03678	1.01E-04	3.24E-06	3.33E-06	9.69E-07	9.33E-07	1.0996E-04
608248.02	4200794.35	75497.33769	0.20378	0.20662	0.0387	0.03743	1.01E-04	3.20E-06	3.29E-06	9.86E-07	9.50E-07	1.0917E-04
608248.02	4200801.95	74914.864	0.20139	0.20423	0.03938	0.0381	1.00E-04	3.16E-06	3.25E-06	1.00E-06	9.67E-07	1.0836E-04
608248.02	4200809.55	74313.54242	0.19902	0.20186	0.04006	0.03877	9.92E-05	3.13E-06	3.21E-06	1.02E-06	9.84E-07	1.0751E-04
608248.02	4200817.15	73693.31097	0.19666	0.19949	0.04074	0.03944	9.83E-05	3.09E-06	3.17E-06	1.04E-06	1.00E-06	1.0664E-04
608248.02	4200824.75	73061.45304	0.1943	0.19714	0.04143	0.04011	9.75E-05	3.05E-06	3.14E-06	1.06E-06	1.02E-06	1.0576E-04
608248.02	4200832.35	72422.87806	0.19196	0.19479	0.04212	0.04079	9.66E-05	3.02E-06	3.10E-06	1.07E-06	1.03E-06	1.0487E-04
608248.02	4200839.95	71782.7679	0.18964	0.19246	0.04282	0.04147	9.58E-05	2.98E-06	3.06E-06	1.09E-06	1.05E-06	1.0398E-04
608248.02	4200847.55	71142.57717	0.18733	0.19014	0.04351	0.04216	9.49E-05	2.94E-06	3.03E-06	1.11E-06	1.07E-06	1.0308E-04
608248.02	4200855.15	70509.28278	0.18504	0.18784	0.04421	0.04284	9.41E-05	2.91E-06	2.99E-06	1.13E-06	1.09E-06	1.0220E-04
608248.02	4200862.75	69884.56999	0.18277	0.18556	0.04491	0.04353	9.33E-05	2.87E-06	2.95E-06	1.14E-06	1.10E-06	1.0133E-04
608248.02	4200870.35	69268.06398	0.18052	0.1833	0.0456	0.04422	9.24E-05	2.84E-06	2.92E-06	1.16E-06	1.12E-06	1.0047E-04
608248.07	4200730.93	78185.76283	0.22387	0.22667	0.03323	0.0321	1.04E-04	3.52E-06	3.61E-06	8.46E-07	8.14E-07	1.1312E-04
608248.42	4200723.59	77890.02138	0.22599	0.22877	0.03262	0.03151	1.04E-04	3.55E-06	3.64E-06	8.31E-07	7.99E-07	1.1276E-04
608254.89	4200741.15	76051.99274	0.21678	0.21953	0.034	0.03287	1.01E-04	3.40E-06	3.49E-06	8.66E-07	8.34E-07	1.1009E-04
608254.89	4200748.75	75934.16395	0.21443	0.21719	0.03464	0.03349	1.01E-04	3.37E-06	3.46E-06	8.82E-07	8.50E-07	1.0989E-04
608254.89	4200756.35	75724.58684	0.21209	0.21485	0.03528	0.03411	1.01E-04	3.33E-06	3.42E-06	8.99E-07	8.65E-07	1.0957E-04
608254.89	4200763.95	75436.55937	0.20975	0.21252	0.03593	0.03474	1.01E-04	3.29E-06	3.38E-06	9.15E-07	8.81E-07	1.0914E-04
608254.89	4200771.55	75080.61973	0.20741	0.21018	0.03658	0.03538	1.00E-04	3.26E-06	3.34E-06	9.32E-07	8.98E-07	1.0863E-04
608254.89	4200779.15	74663.8293	0.20507	0.20784	0.03724	0.03602	9.96E-05	3.22E-06	3.31E-06	9.49E-07	9.14E-07	1.0803E-04
608254.89	4200786.75	74200.94919	0.20273	0.20551	0.0379	0.03666	9.90E-05	3.18E-06	3.27E-06	9.65E-07	9.30E-07	1.0737E-04
608254.89	4200794.35	73703.7932	0.2004	0.20318	0.03856	0.03731	9.84E-05	3.15E-06	3.23E-06	9.82E-07	9.47E-07	1.0667E-04
608254.89	4200801.95	73179.64244	0.19808	0.20086	0.03923	0.03797	9.77E-05	3.11E-06	3.20E-06	9.99E-07	9.63E-07	1.0593E-04
608254.89	4200809.55	72641.20054	0.19577	0.19855	0.0399	0.03863	9.69E-05	3.07E-06	3.16E-06	1.02E-06	9.80E-07	1.0517E-04
608254.89	4200817.15	72084.7921	0.19347	0.19625	0.04058	0.03929	9.62E-05	3.04E-06	3.12E-06	1.03E-06	9.97E-07	1.0439E-04
608254.89	4200824.75	71516.47171	0.19119	0.19396	0.04126	0.03996	9.54E-05	3.00E-06	3.09E-06	1.05E-06	1.01E-06	1.0359E-04
608254.89	4200832.35	70935.96889	0.18891	0.19168	0.04194	0.04062	9.47E-05	2.97E-06	3.05E-06	1.07E-06	1.03E-06	1.0278E-04
608254.89	4200839.95	70351.44311	0.18665	0.18941	0.04262	0.0413	9.39E-05	2.93E-06	3.01E-06	1.09E-06	1.05E-06	1.0196E-04
608254.89	4200847.55	69765.57845	0.1844	0.18715	0.04331	0.04197	9.31E-05	2.90E-06	2.98E-06	1.10E-06	1.06E-06	1.0114E-04
608254.89	4200855.15	69179.57134	0.18217	0.18491	0.04399	0.04265	9.23E-05	2.86E-06	2.94E-06	1.12E-06	1.08E-06	1.0033E-04
608254.89	4200862.75	68599.39519	0.17996	0.18269	0.04468	0.04333	9.15E-05	2.83E-06	2.91E-06	1.14E-06	1.10E-06	9.9516E-05
608254.89	4200870.35	68027.28247	0.17777	0.18049	0.04537	0.04401	9.08E-05	2.79E-06	2.87E-06	1.16E-06	1.12E-06	9.8718E-05
608255.41	4200731.98	75875.7368	0.21931	0.22205	0.03324	0.03212	1.01E-04	3.44E-06	3.53E-06	8.47E-07	8.15E-07	1.0989E-04
608255.76	4200725.34	75631.78676	0.22115	0.22387	0.03269	0.03159	1.01E-04	3.47E-06	3.56E-06	8.33E-07	8.01E-07	1.0960E-04
608261.76	4200741.15	74048.73817	0.21301	0.2157	0.03392	0.0328	9.88E-05	3.35E-06	3.43E-06	8.64E-07	8.32E-07	1.0729E-04
608261.76	4200748.75	73958.86393	0.21073	0.21343	0.03455	0.03341	9.87E-05	3.31E-06	3.40E-06	8.80E-07	8.48E-07	1.0713E-04
608261.76	4200756.35	73779.91308	0.20845	0.21116	0.03518	0.03403	9.85E-05	3.27E-06	3.36E-06	8.96E-07	8.63E-07	1.0685E-04
608261.76	4200763.95	73529.95255	0.20618	0.20889	0.03582	0.03465	9.81E-05	3.24E-06	3.32E-06	9.12E-07	8.79E-07	1.0648E-04
608261.76	4200771.55	73223.1292	0.20391	0.20662	0.03647	0.03528	9.77E-05	3.20E-06	3.29E-06	9.29E-07	8.95E-07	1.0603E-04
608261.76	4200779.15	72859.5809	0.20163	0.20435	0.03711	0.03591	9.72E-05	3.17E-06	3.25E-06	9.45E-07	9.11E-07	1.0551E-04
608261.76	4200786.75	72452.27234	0.19937	0.20208	0.03777	0.03655	9.67E-05	3.13E-06	3.22E-06	9.62E-07	9.27E-07	1.0492E-04
608261.76	4200794.35	72009.93725	0.1971	0.19982	0.03842	0.03719	9.61E-05	3.10E-06	3.18E-06	9.79E-07	9.44E-07	1.0429E-04
608261.76	4200801.95	71539.54315	0.19484	0.19756	0.03908	0.03784	9.55E-05	3.06E-06	3.14E-06	9.96E-07	9.60E-07	1.0363E-04
608261.76	4200809.55	71052.70285	0.1926	0.19531	0.03975	0.03849	9.48E-05	3.03E-06	3.11E-06	1.01E-06	9.76E-07	1.0294E-04
608261.76	4200817.15	70550.65072	0.19036	0.19307	0.04041	0.03914	9.41E-05	2.99E-06	3.07E-06	1.03E-06	9.93E-07	1.0223E-04
608261.76	4200824.75	70038.4657	0.18814	0.19085	0.04108	0.0398	9.35E-05	2.96E-06	3.04E-06	1.05E-06	1.01E-06	1.0151E-04
608261.76	4200832.35	69511.18696	0.18593	0.18863	0.04175	0.04046	9.28E-05	2.92E-06	3.00E-06	1.06E-06	1.03E-06	1.0077E-04
608261.76	4200839.95	68976.51387	0.18373	0.18642	0.04243	0.04112	9.20E-05	2.89E-06	2.97E-06	1.08E-06	1.04E-06	1.0002E-04
608261.76	4200847.55	68438.44741	0.18154	0.18423	0.0431	0.04179	9.13E-05	2.85E-06	2.93E-06	1.10E-06	1.06E-06	9.9271E-05
608261.76	4200855.15	67899.18229	0.17937	0.18205	0.04378	0.04245	9.06E-05	2.82E-06	2.90E-06	1.12E-06	1.08E-06	9.8517E-05
608261.76	4200862.75	67359.67874	0.17721	0.17988	0.04446	0.04312	8.99E-05	2.78E-06	2.86E-06	1.13E-06	1.09E-06	9.7763E-05
608261.76	4200870.35	66826.00939	0.17507	0.17773	0.04514	0.0438	8.92E-05	2.75E-06	2.83E-06	1.15E-06	1.11E-06	9.7017E-05
608268.63	4200741.15	72175.44599	0.20932	0.21195	0.03384	0.03273	9.63E-05	3.29E-06	3.37E-06	8.62E-07	8.30E-07	1.0467E-04
608268.63	4200748.75	72110.29627	0.20711	0.20975	0.03446	0.03333	9.62E-05	3.25E-06	3.34E-06	8.78E-07	8.46E-07	1.0454E-04
608268.63	4200756.35	71964.36661	0.20491	0.20755	0.03508	0.03394	9.60E-05	3.22E-06	3.30E-06	8.94E-07	8.61E-07	1.0431E-04
608268.63	4200763.95	71747.9602	0.20269	0.20535	0.03572	0.03456	9.57E-05	3.18E-06	3.27E-06	9.10E-07	8.77E-07	1.0398E-04
608268.63	4200771.55	71484.48887	0.20049	0.20315	0.03635	0.03518	9.54E-05	3.15E-06	3.23E-06	9.26E-07	8.93E-07	1.0360E-04
608268.63	4200779.15	71164.1371	0.19828	0.20094	0.03699	0.03581	9.50E-05	3.11E-06	3.20E-06	9.42E-07	9.08E-07	1.0313E-04
608268.63	4200786.75	70802.86582	0.19608	0.19874	0.03764	0.03644	9.45E-05	3.08E-06	3.16E-06	9.59E-07	9.24E-07	1.0261E-04
608268.63	4200794.35	70407.70556	0.19388	0.19654	0.03828	0.03707	9.40E-05	3.05E-06	3.13E-06	9.75E-07	9.40E-07	1.0205E-04

608268.63	4200801.95	69987.0579	0.19168	0.19434	0.03893	0.03771	9.34E-05	3.01E-06	3.09E-06	9.92E-07	9.57E-07	1.0145E-04
608268.63	4200809.55	69543.77397	0.1895	0.19215	0.03959	0.03835	9.28E-05	2.98E-06	3.06E-06	1.01E-06	9.73E-07	1.0082E-04
608268.63	4200817.15	69089.35838	0.18732	0.18998	0.04025	0.03899	9.22E-05	2.94E-06	3.02E-06	1.03E-06	9.89E-07	1.0018E-04
608268.63	4200824.75	68626.61607	0.18516	0.18781	0.04091	0.03964	9.16E-05	2.91E-06	2.99E-06	1.04E-06	1.01E-06	9.9526E-05
608268.63	4200832.35	68145.38283	0.18301	0.18565	0.04157	0.04029	9.09E-05	2.87E-06	2.95E-06	1.06E-06	1.02E-06	9.8849E-05
608268.63	4200839.95	67655.39909	0.18087	0.1835	0.04224	0.04095	9.03E-05	2.84E-06	2.92E-06	1.08E-06	1.04E-06	9.8161E-05
608268.63	4200847.55	67160.47418	0.17874	0.18137	0.0429	0.0416	8.96E-05	2.81E-06	2.89E-06	1.09E-06	1.06E-06	9.7466E-05
608268.63	4200855.15	66662.53445	0.17662	0.17924	0.04357	0.04226	8.90E-05	2.77E-06	2.85E-06	1.11E-06	1.07E-06	9.6768E-05
608268.63	4200862.75	66163.5559	0.17452	0.17713	0.04424	0.04292	8.83E-05	2.74E-06	2.82E-06	1.13E-06	1.09E-06	9.6070E-05
608268.63	4200870.35	65665.03369	0.17244	0.17504	0.04491	0.04358	8.76E-05	2.71E-06	2.79E-06	1.14E-06	1.11E-06	9.5372E-05
608275.5	4200741.15	70428.11853	0.20572	0.2083	0.03375	0.03266	9.40E-05	3.23E-06	3.31E-06	8.60E-07	8.29E-07	1.0222E-04
608275.5	4200733.55	70397.12613	0.20786	0.21043	0.03315	0.03206	9.39E-05	3.26E-06	3.35E-06	8.44E-07	8.13E-07	1.0221E-04
608275.5	4200748.75	70384.69387	0.20359	0.20617	0.03437	0.03325	9.39E-05	3.20E-06	3.28E-06	8.76E-07	8.44E-07	1.0212E-04
608275.5	4200756.35	70266.05178	0.20144	0.20403	0.03499	0.03386	9.38E-05	3.16E-06	3.25E-06	8.91E-07	8.59E-07	1.0193E-04
608275.5	4200763.95	70080.91422	0.1993	0.20189	0.03561	0.03447	9.35E-05	3.13E-06	3.21E-06	9.07E-07	8.74E-07	1.0165E-04
608275.5	4200771.55	69845.92507	0.19715	0.19975	0.03624	0.03508	9.32E-05	3.10E-06	3.18E-06	9.23E-07	8.90E-07	1.0130E-04
608275.5	4200779.15	69564.18928	0.19501	0.19761	0.03687	0.0357	9.28E-05	3.06E-06	3.14E-06	9.39E-07	9.06E-07	1.0088E-04
608275.5	4200786.75	69243.9115	0.19287	0.19547	0.03751	0.03632	9.24E-05	3.03E-06	3.11E-06	9.56E-07	9.21E-07	1.0042E-04
608275.5	4200794.35	68889.95915	0.19073	0.19333	0.03814	0.03695	9.19E-05	3.00E-06	3.08E-06	9.72E-07	9.37E-07	9.9914E-05
608275.5	4200801.95	68510.97874	0.1886	0.1912	0.03879	0.03758	9.14E-05	2.96E-06	3.04E-06	9.88E-07	9.53E-07	9.9373E-05
608275.5	4200809.55	68111.35294	0.18647	0.18907	0.03943	0.03821	9.09E-05	2.93E-06	3.01E-06	1.00E-06	9.69E-07	9.8805E-05
608275.5	4200817.15	67697.41486	0.18435	0.18695	0.04008	0.03885	9.03E-05	2.90E-06	2.97E-06	1.02E-06	9.86E-07	9.8218E-05
608275.5	4200824.75	67273.22708	0.18225	0.18484	0.04073	0.03949	8.98E-05	2.86E-06	2.94E-06	1.04E-06	1.00E-06	9.7618E-05
608275.5	4200832.35	66834.35339	0.18016	0.18274	0.04139	0.04013	8.92E-05	2.83E-06	2.91E-06	1.05E-06	1.02E-06	9.6999E-05
608275.5	4200839.95	66385.6079	0.17807	0.18065	0.04204	0.04078	8.86E-05	2.80E-06	2.87E-06	1.07E-06	1.03E-06	9.6368E-05
608275.5	4200847.55	65929.52641	0.176	0.17857	0.0427	0.04142	8.80E-05	2.76E-06	2.84E-06	1.09E-06	1.05E-06	9.5726E-05
608275.5	4200855.15	65469.07328	0.17394	0.1765	0.04336	0.04207	8.74E-05	2.73E-06	2.81E-06	1.10E-06	1.07E-06	9.5080E-05
608275.5	4200862.75	65006.08722	0.17189	0.17444	0.04402	0.04272	8.67E-05	2.70E-06	2.78E-06	1.12E-06	1.08E-06	9.4430E-05
608275.5	4200870.35	64541.85777	0.16986	0.1724	0.04468	0.04338	8.61E-05	2.67E-06	2.74E-06	1.14E-06	1.10E-06	9.3780E-05
608282.37	4200741.15	68800.9184	0.20222	0.20474	0.03367	0.03258	9.18E-05	3.18E-06	3.26E-06	8.58E-07	8.27E-07	9.9932E-05
608282.37	4200748.75	68768.47335	0.20014	0.20267	0.03428	0.03318	9.18E-05	3.14E-06	3.22E-06	8.73E-07	8.42E-07	9.9854E-05
608282.37	4200733.55	68766.36804	0.2043	0.20681	0.03307	0.032	9.18E-05	3.21E-06	3.29E-06	8.42E-07	8.12E-07	9.9922E-05
608282.37	4200756.35	68669.42275	0.19806	0.2006	0.03489	0.03377	9.16E-05	3.11E-06	3.19E-06	8.89E-07	8.57E-07	9.9687E-05
608282.37	4200763.95	68509.18373	0.19598	0.19852	0.0355	0.03437	9.14E-05	3.08E-06	3.16E-06	9.04E-07	8.72E-07	9.9438E-05
608282.37	4200771.55	68298.45384	0.19389	0.19644	0.03612	0.03498	9.11E-05	3.05E-06	3.13E-06	9.20E-07	8.87E-07	9.9122E-05
608282.37	4200779.15	68050.00912	0.19181	0.19436	0.03675	0.03559	9.08E-05	3.01E-06	3.09E-06	9.36E-07	9.03E-07	9.8756E-05
608282.37	4200786.75	67766.49986	0.18973	0.19228	0.03738	0.03621	9.04E-05	2.98E-06	3.06E-06	9.52E-07	9.19E-07	9.8344E-05
608282.37	4200794.35	67451.05074	0.18766	0.1902	0.03801	0.03682	9.00E-05	2.95E-06	3.03E-06	9.68E-07	9.34E-07	9.7889E-05
608282.37	4200801.95	67108.4194	0.18558	0.18813	0.03864	0.03745	8.96E-05	2.91E-06	2.99E-06	9.84E-07	9.50E-07	9.7398E-05
608282.37	4200809.55	66744.49017	0.18351	0.18605	0.03928	0.03807	8.91E-05	2.88E-06	2.96E-06	1.00E-06	9.66E-07	9.6879E-05
608282.37	4200817.15	66366.35532	0.18145	0.18399	0.03992	0.0387	8.86E-05	2.85E-06	2.93E-06	1.02E-06	9.82E-07	9.6341E-05
608282.37	4200824.75	65974.12693	0.1794	0.18194	0.04056	0.03933	8.80E-05	2.82E-06	2.90E-06	1.03E-06	9.98E-07	9.5785E-05
608282.37	4200832.35	65576.39295	0.17736	0.1799	0.04121	0.03997	8.75E-05	2.79E-06	2.86E-06	1.05E-06	1.01E-06	9.5223E-05
608282.37	4200839.95	65164.62005	0.17534	0.17786	0.04185	0.0406	8.70E-05	2.75E-06	2.83E-06	1.07E-06	1.03E-06	9.4642E-05
608282.37	4200847.55	64743.56135	0.17332	0.17583	0.0425	0.04124	8.64E-05	2.72E-06	2.80E-06	1.08E-06	1.05E-06	9.4048E-05
608282.37	4200855.15	64317.0885	0.17131	0.17382	0.04315	0.04188	8.58E-05	2.69E-06	2.77E-06	1.10E-06	1.06E-06	9.3449E-05
608282.37	4200862.75	63886.85798	0.16932	0.17181	0.0438	0.04253	8.53E-05	2.66E-06	2.73E-06	1.12E-06	1.08E-06	9.2844E-05
608282.37	4200870.35	63454.10199	0.16734	0.16982	0.04445	0.04317	8.47E-05	2.63E-06	2.70E-06	1.13E-06	1.10E-06	9.2237E-05
608289.24	4200741.15	67275.3039	0.1988	0.20127	0.03359	0.03251	8.98E-05	3.12E-06	3.20E-06	8.56E-07	8.25E-07	9.7784E-05
608289.24	4200748.75	67248.57278	0.19678	0.19926	0.03419	0.0331	8.97E-05	3.09E-06	3.17E-06	8.71E-07	8.40E-07	9.7714E-05
608289.24	4200733.55	67238.31862	0.20082	0.20328	0.03299	0.03193	8.97E-05	3.15E-06	3.23E-06	8.40E-07	8.10E-07	9.7768E-05
608289.24	4200756.35	67163.01147	0.19476	0.19724	0.03479	0.03369	8.96E-05	3.06E-06	3.14E-06	8.86E-07	8.55E-07	9.7567E-05
608289.24	4200763.95	67026.79882	0.19274	0.19523	0.0354	0.03428	8.94E-05	3.03E-06	3.11E-06	9.02E-07	8.70E-07	9.7352E-05
608289.24	4200771.55	66840.95498	0.19071	0.1932	0.03601	0.03488	8.92E-05	3.00E-06	3.07E-06	9.17E-07	8.85E-07	9.7070E-05
608289.24	4200779.15	66617.14779	0.18869	0.19118	0.03662	0.03548	8.89E-05	2.96E-06	3.04E-06	9.33E-07	9.00E-07	9.6738E-05
608289.24	4200786.75	66361.58271	0.18666	0.18916	0.03724	0.03609	8.86E-05	2.93E-06	3.01E-06	9.49E-07	9.16E-07	9.6365E-05
608289.24	4200794.35	66080.81128	0.18465	0.18714	0.03787	0.0367	8.82E-05	2.90E-06	2.98E-06	9.65E-07	9.31E-07	9.5958E-05
608289.24	4200801.95	65770.24324	0.18263	0.18512	0.03849	0.03732	8.78E-05	2.87E-06	2.95E-06	9.80E-07	9.47E-07	9.5511E-05
608289.24	4200809.55	65441.18838	0.18062	0.18311	0.03912	0.03793	8.73E-05	2.84E-06	2.91E-06	9.97E-07	9.62E-07	9.5040E-05
608289.24	4200817.15	65093.53209	0.17861	0.1811	0.03975	0.03855	8.69E-05	2.81E-06	2.88E-06	1.01E-06	9.78E-07	9.4544E-05
608289.24	4200824.75	64733.06795	0.17661	0.1791	0.04039	0.03918	8.64E-05	2.77E-06	2.85E-06	1.03E-06	9.94E-07	9.4032E-05
608289.24	4200832.35	64368.56478	0.17463	0.17711	0.04103	0.03981	8.59E-05	2.74E-06	2.82E-06	1.05E-06	1.01E-06	9.3515E-05
608289.24	4200839.95	63990.00995	0.17266	0.17513	0.04166	0.04043	8.54E-05	2.71E-06	2.79E-06	1.06E-06	1.03E-06	9.2979E-05
608289.24	4200847.55	63601.46152	0.17069	0.17316	0.0423	0.04106	8.49E-05	2.68E-06	2.76E-06	1.08E-06	1.04E-06	9.2431E-05
608289.24	4200855.15	63204.8127	0.16874	0.17119	0.04294	0.0417	8.43E-05	2.65E-06	2.72E-06	1.09E-06	1.06E-06	9.1872E-05
608289.24	4200862.75	62804.41885	0.16679	0.16924	0.04359	0.04233	8.38E-05	2.62E-06	2.69E-06	1.11E-06	1.07E-06	9.1309E-05
608289.24	4200870.35	62400.41817	0.16487	0.1673	0.04423	0.04296	8.33E-05	2.59E-06	2.66E-06	1.13E-06	1.09E-06	9.0741E-05
608296.11	4200741.15	65839.15648	0.19547	0.19789	0.0335	0.03244	8.79E-05	3.07E-06	3.15E-06	8.53E-07	8.23E-07	9.5757E-05
608296.11	4200748.75	65818.30633	0.19351	0.19593	0.03409	0.03302	8.78E-05	3.04E-06	3.12E-06	8.68E-07	8.38E-07	9.5697E-05
608296.11	4200733.55	65796.62669	0.19743	0.19983	0.03292	0.03187	8.78E-05	3.10E-06	3.18E-06	8.39E-07	8.09E-07	9.5733E-05
608296.11	4200756.35	65745.07513	0.19154	0.19397	0.03469	0.0336	8.77E-05	3.01E-06	3.09E-06	8.84E-07	8.52E-07	9.5567E-05
608296.11	4200763.95	65622.90333	0.18957	0.19201	0.03529	0.03419	8.76E-05	2.98E-06	3.06E-06	8.99E-07	8.67E-07	9.5372E-05
608296.11	4200771.55	65460.86618	0.18761	0.19004	0.0359	0.03478	8.74E-05	2.95E-06	3.02E-06	9.15E-07	8.82E-07	9.5124E-05
608296.11	4200779.15	65259.65973	0.18564	0.18807	0.0365	0.03538	8.71E-05	2.92E-06	2.99E-06	9.30E-07	8.98E-07	9.4824E-05
608296.11	4200786.75	65028.45841	0.18367	0.18611	0.03712	0.03598	8.68E-05	2.88E-06	2.96E-06	9.46E-07	9.13E-07	9.4484E-05
608296.11	4200794.35	64773.19793	0.18171	0.18415	0.03773	0.03658	8.64E-05	2.85E-06	2.93E-06	9.61E-07	9.28E-07	9.4112E-05
608296.11	4200801.95	64491.99849	0.17974	0.18218	0.03835	0.03719	8.61E-05	2.82E-06	2.90E-06	9.77E-07	9.44E-07	9.3706E-05
608296.11	4200809.55	64192.75323	0.17779	0.18022	0.03897	0.0378	8.57E-05	2.79E-06	2.87E-06	9.93E-07	9.59E-07	9.3276E-05
608296.11	4200817.15	63876.2471	0.17584	0.17827	0.03959	0.03841	8.52E-05	2.76E-06	2.84E-06	1.01E-06	9.74E-07	9.2823E-05
608296.11	4200824.75	63545.08755	0.17389	0.17632	0.04022	0.03902	8.48E-05	2.73E-06	2.81E-06	1.02E-06	9.90E-07	9.2351E-05
608296.11	4200832.35	63207.22768	0.17196	0.17439	0.04085	0.03964	8.43E-05	2.70E-06	2.77E-06	1.04E-06	1.01E-06	9.1871E-05
608296.11	4200839.95	62858.40744	0.17004	0.17246	0.04148	0.04026	8.39E-05	2.67E-06	2.74E-06	1.06E-06	1.02E-06	9.1377E-05
608296.11	4200847.55	62499.21116	0.16813	0.17054	0.04211	0.04089	8.34E-05	2.64E-06	2.71E-06	1.07E-06	1.04E-06	9.0869E-05
608296.11	4200855.15	62131.41151	0.16622	0.16862	0.04274	0.04151	8.29E-05	2.61E-06	2.68E-06	1.09E-06	1.05E-06	9.0349E-05
608296.11	4200862.75	61758.15039	0.16433	0.16672	0.04337	0.04213	8.24E-05	2.58E-06	2.65E-06	1.10E-06	1.07E-06	8.9823E-05
608296.11	4200870.35	61380.477	0.16245	0.16483	0.04401	0.04276	8.19E-05	2.55E-06	2.62E-06	1.12E-06	1.08E-06	8.9292E-05
608302.98	4200741.15	64479.74504	0.19221	0.19458	0.03342	0.03237	8.60E-05	3.02E-06	3.10E-06	8.51E-07	8.21E-07	9.3835E-05
608302.98	4200748.75	64469.96407	0.19031	0.19268	0.034	0.03294	8.60E-05	2.99E-06	3.07E-06	8.66E-07	8.36E-07	9.3791E-05
608302.98	4200733.55	64431.9006	0.19411	0.19647	0.03284	0.0318	8.60E-05	3.05E-06	3.13E-06	8.37E-07	8.07E-07	9.3802E-05
608302.98	4200756.35	64405.63674	0.1884	0.19078	0.03459	0.03351	8.59E-05	2.96E-06	3.04E-06	8.81E-07	8.50E-07	9.3675E-05
608302.98	4200763.95	64295.34466	0.18648	0.18886	0.03518	0.03409	8.58E-05	2.93E-06	3.01E-06	8.96E-07	8.65E-07	9.3496E-05
608302.98	4200771.55	64151.50447	0.18457	0.18696	0.03578	0.03468	8.56E-05	2.90E-06	2.97E-06	9.11E-07	8.80E-07	9.3274E-05
608302.98	4200779.15	63972.08884	0.18266	0.18504	0.03638	0.03527	8.54E-05	2.87E-06	2.94E-06	9.27E-07	8.95E-07	9.3005E-05
608302.98	4200786.75	63762.18898	0.18074	0.18313	0.03699	0.03586	8.51E-05	2.84E-06	2.91E-06	9.42E-07	9.10E-07	9.2695E-05
608302.98	4200794.35	63527.12014	0.17883	0.18122	0.03759	0.03646	8.48E-05	2.81E-06	2.88E-06	9.58E-07	9.25E-07	9.2351E-05
608302.98	4200801.95	63269.54616	0.17692	0.17931	0.0382	0.03706	8.44E-05	2.78E-06	2.85E-06	9.73E-07	9.40E-07	9.1978E-05
608302.98	4200809.55	62997.75987	0.17502	0.1774	0.03882	0.03766	8.41E-05	2.75E-06	2.82E-06	9.89E-07	9.55E-07	9.1586E-05
608302.98	4200817.15	62708.96819	0.17312	0.1755	0.03943	0.03826	8.37E-05	2.72E-06	2.79E-06	1.00E-06	9.71E-07	9.1171E-05
608302.98	4200824.75	62405.6557	0.17123	0.17361	0.04005	0.03887	8.33E-05	2.69E-06	2.76E-06	1.02E-06	9.86E-07	9.0738E-05
608302.98	4200832.35	62089.83971	0.16935	0.17172	0.04067	0.03948	8.29E-05	2.66E-06	2.73E-06	1.04E-06	1.00E-06	9.0288E-05
608302.98	4200839.95	61766.82404	0.16747	0.16984	0.04129	0.04009	8.24E-05	2.63E-06	2.70E-06	1.05E-06	1.02E-06	8.9829E-05
608302.98	4200847.55	61434.18675	0.16561	0.16797	0.04191	0.04071	8.20E-05	2.60E-06	2.67E-06	1.07E-06	1.03E-06	8.9357E-05
608302.98	4200855.15	61093.39438	0.16376	0.16611	0.04254	0.04132	8.15E-05	2.57E-06	2.64E-06	1.08E-06	1.05E-06	8.8876E-05
608302.98	4200862.75	60744.86967	0.16191	0.16425	0.04316	0.04194	8.11E-05	2.54E-06	2.61E-06	1.10E-06	1.06E-06	8.8383E-05
608302.98	4200870.35	60391.30704	0.16008	0.16241	0.04378	0.04256	8.06E-05	2.51E-06	2.58E-06	1.12E-06	1.08E-06	8.7885E-05

Ranch EIR Residential Project Construction Parameters

Phase 1

Construction Annual Total PM2.5 (Total PM2.5) **Mitigated Concentrations**

Annual Average Onsite DPM Rate (grams/m2/sec):	8.67E-09
Annual Average Offsite DPM Emission Rate - Road 1 (grams/sec):	3.99E-04
Annual Average Offsite DPM Emission Rate - Road 2 (grams/sec):	4.05E-04
Annual Average Offsite DPM Emission Rate - Road 3 (grams/sec):	6.48E-04
Annual Average Offsite DPM Emission Rate - Road4 (grams/sec):	6.45E-04

X	Y	Onsite PROJECT SITE Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 1 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 4 Unit Emissions VALUES AVERAGED AVERAGE CONC	Onsite PROJECT SITE Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 1 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 2 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 3 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 4 Annual PM2.5 Total w/Actual Emissions (ug/m3)	**Total DPM (ug/m3)**
605009.76	4201463.46	2712.65236	0.00295	0.00295	0.01178	0.01195	2.35E-05	1.18E-06	1.19E-06	7.63E-06	7.71E-06	4.1231E-05
605020.97	4201489.77	2669.71823	0.00295	0.00296	0.01192	0.0121	2.32E-05	1.18E-06	1.20E-06	7.72E-06	7.80E-06	4.1050E-05
605025.63	4201440.58	2833.73415	0.00301	0.00301	0.01197	0.01215	2.46E-05	1.20E-06	1.22E-06	7.75E-06	7.84E-06	4.2582E-05
605045.35	4201493.83	2652.73999	0.00292	0.00293	0.01195	0.01213	2.30E-05	1.17E-06	1.19E-06	7.74E-06	7.82E-06	4.0918E-05
605052.57	4201438.73	2882.43977	0.00303	0.00303	0.01215	0.01233	2.50E-05	1.21E-06	1.23E-06	7.87E-06	7.95E-06	4.3253E-05
605067.01	4201501.96	2637.15053	0.0029	0.00291	0.01203	0.01221	2.29E-05	1.16E-06	1.18E-06	7.79E-06	7.87E-06	4.0870E-05
605077.3	4201449.8	2862.50172	0.00301	0.00302	0.01225	0.01243	2.48E-05	1.20E-06	1.22E-06	7.93E-06	8.02E-06	4.3197E-05
605088.68	4201514.14	2616.28282	0.00289	0.0029	0.01214	0.01232	2.27E-05	1.15E-06	1.17E-06	7.86E-06	7.95E-06	4.0823E-05
605094.28	4201462.35	2811.94873	0.00297	0.00298	0.01226	0.01244	2.44E-05	1.19E-06	1.21E-06	7.94E-06	8.02E-06	4.2739E-05
605106.29	4201530.4	2585.42567	0.00287	0.00289	0.01225	0.01243	2.24E-05	1.15E-06	1.17E-06	7.93E-06	8.02E-06	4.0686E-05
605113.1	4201473.42	2783.41245	0.00295	0.00295	0.01233	0.01251	2.41E-05	1.18E-06	1.19E-06	7.98E-06	8.07E-06	4.2562E-05
605134.6	4201499.62	2685.08721	0.00288	0.00289	0.01235	0.01253	2.33E-05	1.15E-06	1.17E-06	8.00E-06	8.08E-06	4.1683E-05
605151.19	4201482.44	2810.7023	0.00296	0.00297	0.01262	0.0128	2.44E-05	1.18E-06	1.20E-06	8.17E-06	8.26E-06	4.3186E-05
605168.07	4201530.53	2617.99257	0.00285	0.00287	0.01256	0.01275	2.27E-05	1.14E-06	1.16E-06	8.13E-06	8.22E-06	4.1359E-05
605172.03	4201466.28	2991.26354	0.0031	0.00311	0.01308	0.01327	2.59E-05	1.24E-06	1.26E-06	8.47E-06	8.56E-06	4.5465E-05
605181.62	4201558.83	2535.86369	0.00281	0.00283	0.01262	0.01281	2.20E-05	1.12E-06	1.14E-06	8.17E-06	8.26E-06	4.0692E-05
605188.98	4201454.15	3142.93594	0.00321	0.00323	0.01347	0.01367	2.73E-05	1.28E-06	1.31E-06	8.72E-06	8.82E-06	4.7384E-05
605191.33	4201515.02	2728.83123	0.00291	0.00293	0.01284	0.01303	2.37E-05	1.16E-06	1.19E-06	8.32E-06	8.40E-06	4.2731E-05
605193.13	4201585.31	2495.00931	0.0028	0.00283	0.01279	0.01299	2.16E-05	1.12E-06	1.14E-06	8.28E-06	8.38E-06	4.0560E-05
605201.19	4201601.43	2431.04091	0.00275	0.00278	0.01274	0.01294	2.11E-05	1.10E-06	1.12E-06	8.25E-06	8.35E-06	3.9901E-05
605202.19	4201404.28	3819.28723	0.00367	0.00368	0.01494	0.01516	3.31E-05	1.47E-06	1.49E-06	9.68E-06	9.78E-06	5.5528E-05
605207.14	4201438.92	3422.14723	0.00343	0.00344	0.01424	0.01445	2.97E-05	1.37E-06	1.39E-06	9.22E-06	9.32E-06	5.0979E-05
605207.2	4201501	2855.33751	0.00301	0.00303	0.01315	0.01335	2.48E-05	1.20E-06	1.23E-06	8.52E-06	8.61E-06	4.4315E-05
605208.1	4201623.31	2323.97778	0.00265	0.00268	0.01256	0.01276	2.02E-05	1.06E-06	1.08E-06	8.13E-06	8.23E-06	3.8659E-05
605226.39	4201488.08	2994.2288	0.00311	0.00313	0.01351	0.01371	2.60E-05	1.24E-06	1.27E-06	8.75E-06	8.84E-06	4.6065E-05
605226.91	4201528.1	2741.2959	0.00293	0.00295	0.01316	0.01336	2.38E-05	1.17E-06	1.19E-06	8.52E-06	8.62E-06	4.3275E-05
605227.67	4201640.58	2294.60534	0.00263	0.00266	0.01267	0.01288	1.99E-05	1.05E-06	1.08E-06	8.21E-06	8.31E-06	3.8537E-05
605241.22	4201548.03	2696.01709	0.00291	0.00294	0.01329	0.0135	2.34E-05	1.16E-06	1.19E-06	8.61E-06	8.71E-06	4.3045E-05
605249.55	4201659	2277.3167	0.00262	0.00265	0.01285	0.01306	1.97E-05	1.05E-06	1.07E-06	8.32E-06	8.42E-06	3.8612E-05
605251.44	4201595.54	2569.34984	0.00286	0.00289	0.01342	0.01363	2.23E-05	1.14E-06	1.17E-06	8.69E-06	8.79E-06	4.2074E-05
605251.89	4201403.82	3859.29586	0.00366	0.00367	0.01505	0.01526	3.35E-05	1.46E-06	1.48E-06	9.75E-06	9.84E-06	5.6002E-05
605255.31	4201424.35	3672.58648	0.00356	0.00357	0.01486	0.01507	3.18E-05	1.42E-06	1.44E-06	9.62E-06	9.72E-06	5.4057E-05
605262.68	4201624.15	2459.26414	0.00278	0.0028	0.01333	0.01355	2.13E-05	1.11E-06	1.13E-06	8.63E-06	8.74E-06	4.0941E-05
605269.83	4201576.12	2718.25745	0.00298	0.00301	0.01384	0.01407	2.36E-05	1.19E-06	1.22E-06	8.96E-06	9.07E-06	4.4018E-05
605271.43	4201670.51	2275.15833	0.00263	0.00265	0.01303	0.01326	1.97E-05	1.05E-06	1.07E-06	8.44E-06	8.55E-06	3.8843E-05
605272.78	4201468.12	3223.20827	0.00324	0.00326	0.01411	0.01431	2.80E-05	1.29E-06	1.32E-06	9.14E-06	9.23E-06	4.8931E-05
605279.99	4201489.75	3063.36092	0.00312	0.00314	0.01391	0.01411	2.66E-05	1.25E-06	1.27E-06	9.01E-06	9.10E-06	4.7190E-05
605283.25	4201543.66	3883.68842	0.00368	0.00369	0.01537	0.01559	3.37E-05	1.47E-06	1.49E-06	9.95E-06	1.01E-05	5.6650E-05
605285.4	4201543.23	2815.006	0.00299	0.00302	0.01383	0.01404	2.44E-05	1.19E-06	1.22E-06	8.96E-06	9.06E-06	4.4839E-05
605286.18	4201633.34	2462.94128	0.00278	0.00281	0.01354	0.01377	2.14E-05	1.11E-06	1.14E-06	8.77E-06	8.88E-06	4.1255E-05
605286.6	4201513.79	2926.74446	0.00303	0.00306	0.01381	0.01402	2.54E-05	1.21E-06	1.24E-06	8.94E-06	9.04E-06	4.5814E-05
605288.7	4201676.27	2277.03789	0.00263	0.00265	0.01318	0.0134	1.97E-05	1.05E-06	1.07E-06	8.54E-06	8.64E-06	3.9046E-05
605303.55	4201645.09	2423.45746	0.00274	0.00277	0.01358	0.01381	2.10E-05	1.09E-06	1.12E-06	8.79E-06	8.91E-06	4.0932E-05
605305.23	4201576.28	2840.61721	0.00308	0.00311	0.01448	0.01471	2.46E-05	1.23E-06	1.26E-06	9.38E-06	9.49E-06	4.5986E-05
605306.62	4201416.94	4034.79659	0.00379	0.0038	0.01592	0.01616	3.50E-05	1.51E-06	1.54E-06	1.03E-05	1.04E-05	5.8773E-05
605315.44	4201466.31	3403.56125	0.00337	0.00339	0.01478	0.01499	2.95E-05	1.35E-06	1.37E-06	9.57E-06	9.67E-06	5.1472E-05
605322.05	4201586.49	2866.42816	0.00311	0.00314	0.01479	0.01504	2.49E-05	1.24E-06	1.27E-06	9.58E-06	9.70E-06	4.6648E-05
605331.61	4201420.86	4177.97383	0.00388	0.0039	0.01649	0.01673	3.62E-05	1.55E-06	1.58E-06	1.07E-05	1.08E-05	6.0827E-05
605335.73	4201683.92	2321.74453	0.00267	0.00269	0.01368	0.01391	2.01E-05	1.07E-06	1.09E-06	8.86E-06	8.97E-06	4.0119E-05
605338.73	4201527.72	2955.03262	0.00305	0.00307	0.0143	0.01451	2.56E-05	1.22E-06	1.24E-06	9.26E-06	9.36E-06	4.6705E-05
605341.29	4201471.54	3470.66414	0.00343	0.00345	0.01516	0.01539	3.01E-05	1.37E-06	1.40E-06	9.82E-06	9.93E-06	5.2606E-05
605343.08	4201606.92	2823.70201	0.00309	0.00312	0.01499	0.01525	2.45E-05	1.23E-06	1.26E-06	9.71E-06	9.84E-06	4.6526E-05
605346.39	4201549.18	2910.09137	0.00305	0.00308	0.01449	0.01472	2.52E-05	1.22E-06	1.25E-06	9.38E-06	9.49E-06	4.6578E-05
605347.42	4201504.74	3131.71038	0.00316	0.00319	0.01457	0.01478	2.72E-05	1.26E-06	1.29E-06	9.44E-06	9.53E-06	4.8678E-05
605353.26	4201422.76	4296.18422	0.00395	0.00397	0.01692	0.01717	3.73E-05	1.58E-06	1.61E-06	1.10E-05	1.11E-05	6.2471E-05
605355.14	4201690.56	2334.12252	0.00269	0.00271	0.01389	0.01414	2.02E-05	1.07E-06	1.10E-06	9.00E-06	9.12E-06	4.0527E-05
605358.21	4201654.29	2532.14649	0.00285	0.00287	0.0144	0.01465	2.20E-05	1.14E-06	1.16E-06	9.33E-06	9.45E-06	4.3032E-05
605363.25	4201470.52	3610.1286	0.00353	0.00356	0.01568	0.01592	3.13E-05	1.41E-06	1.44E-06	1.02E-05	1.03E-05	5.4579E-05
605367.72	4201603.92	2944.65045	0.00319	0.00322	0.01557	0.01584	2.55E-05	1.27E-06	1.30E-06	1.01E-05	1.02E-05	4.8412E-05
605371.93	4201559.39	2960.38872	0.00311	0.00314	0.01495	0.01518	2.57E-05	1.24E-06	1.27E-06	9.68E-06	9.79E-06	4.7657E-05
605375.91	4201424.82	4378.85202	0.004	0.00402	0.01725	0.0175	3.80E-05	1.60E-06	1.63E-06	1.12E-05	1.13E-05	6.3655E-05
605379.67	4201688.01	2397.07364	0.00275	0.00277	0.01428	0.01453	2.08E-05	1.10E-06	1.12E-06	9.25E-06	9.37E-06	4.1625E-05
605382.73	4201653.78	2598.38743	0.00291	0.00293	0.0148	0.01506	2.25E-05	1.16E-06	1.19E-06	9.58E-06	9.71E-06	4.4178E-05
605391.16	4201606.92	3051.87714	0.00328	0.00332	0.01617	0.01645	2.65E-05	1.31E-06	1.34E-06	1.05E-05	1.06E-05	5.0200E-05
605392.87	4201647.64	2994.66644	0.00309	0.00312	0.01496	0.01518	2.60E-05	1.23E-06	1.26E-06	9.69E-06	9.79E-06	4.7944E-05
605397.74	4201432.23	4335.8844	0.00397	0.00399	0.01731	0.01757	3.76E-05	1.59E-06	1.61E-06	1.12E-05	1.13E-05	6.3342E-05
605400.1	4201689.03	2434.48395	0.00278	0.0028	0.01457	0.01482	2.11E-05	1.11E-06	1.13E-06	9.44E-06	9.56E-06	4.2348E-05
605401.04	4201524.15	3110.90095	0.00313	0.00316	0.015	0.01521	2.70E-05	1.25E-06	1.28E-06	9.71E-06	9.81E-06	4.9030E-05
605402.58	4201503.72	3274.66093	0.00324	0.00327	0.0152	0.01542	2.84E-05	1.29E-06	1.32E-06	9.84E-06	9.95E-06	5.0803E-05
605407.25	4201655.82	2638.25955	0.00294	0.00297	0.01513	0.0154	2.29E-05	1.17E-06	1.20E-06	9.80E-06	9.93E-06	4.4985E-05
605407.68	4201483.8	3532.37185	0.00344	0.00347	0.01574	0.01596	3.06E-05	1.37E-06	1.40E-06	1.02E-05	1.03E-05	5.3897E-05
605416.39	4201604.52	3119.2205	0.00333	0.00336	0.01653	0.01682	2.71E-05	1.33E-06	1.36E-06	1.07E-05	1.08E-05	5.1292E-05
605416.69	4201438.82	4282.40943	0.00394	0.00396	0.01732	0.01758	3.71E-05	1.57E-06	1.60E-06	1.12E-05	1.13E-05	6.2867E-05
605423.6	4201689.54	2471.99437	0.00281	0.00283	0.01487	0.01514	2.14E-05	1.12E-06	1.14E-06	9.63E-06	9.76E-06	4.3098E-05
605425.13	4201659.91	2650.78597	0.00295	0.00298	0.01533	0.0156	2.30E-05	1.18E-06	1.21E-06	9.93E-06	1.01E-05	4.5360E-05
605438.52	4201442.12	4288.16608	0.00393	0.00395	0.01743	0.0177	3.72E-05	1.57E-06	1.60E-06	1.13E-05	1.14E-05	6.3057E-05
605439.23	4201611.73	3135.02861	0.00334	0.00337	0.01681	0.01711	2.72E-05	1.33E-06	1.36E-06	1.09E-05	1.10E-05	5.1805E-05
605440.46	4201696.18	2472.25699	0.00282	0.00284	0.01504	0.01531	2.14E-05	1.13E-06	1.15E-06	9.74E-06	9.87E-06	4.3328E-05
605441.9	4201530.28	3223.10907	0.00323	0.00326	0.01565	0.01588	2.80E-05	1.29E-06	1.32E-06	1.01E-05	1.02E-05	5.0936E-05
605441.9	4201555.3	3175.15642	0.00326	0.00329	0.01597	0.01622	2.75E-05	1.30E-06	1.33E-06	1.03E-05	1.05E-05	5.0971E-05
605448.12	4201661.95	2704.66148	0.003	0.00303	0.01571	0.016	2.35E-05	1.20E-06	1.23E-06	1.02E-05	1.03E-05	4.6371E-05
605450.08	4201487.89	3606.07445	0.00347	0.0035	0.01616	0.0164	3.13E-05	1.39E-06	1.42E-06	1.05E-05	1.06E-05	5.5116E-05
605450.59	4201506.27	3426.58745	0.00335	0.00338	0.01592	0.01615	2.97E-05	1.34E-06	1.37E-06	1.03E-05	1.04E-05	5.3146E-05
605456.65	4201611.13	3187.72242	0.00338	0.00341	0.0171	0.0174	2.76E-05	1.35E-06	1.38E-06	1.11E-05	1.12E-05	5.2669E-05
605459.12	4201443.35	4329.42746	0.00394	0.00397	0.01761	0.01788	3.75E-05	1.57E-06	1.61E-06	1.14E-05	1.15E-05	6.3660E-05
605462.43	4201701.8	2490.2883	0.00284	0.00286	0.01531	0.01559	2.16E-05	1.13E-06	1.16E-06	9.91E-06	1.01E-05	4.3856E-05
605466.42	4201572.67	3264.58366	0.00337	0.0034	0.01676	0.01703	2.83E-05	1.35E-06	1.38E-06	1.09E-05	1.10E-05	5.2869E-05
605467.03	4201661.95	2775.15754	0.00307	0.00309	0.01613	0.01642	2.41E-05	1.23E-06	1.25E-06	1.04E-05	1.06E-05	4.7578E-05
605483.09	4201613.53	3245.02844	0.00342	0.00345	0.0175	0.01781	2.81E-05	1.37E-06	1.40E-06	1.13E-05	1.15E-05	5.3722E-05
605483.88	4201705.38	2533.18485	0.00289	0.0029	0.01567	0.01596	2.20E-05	1.15E-06	1.17E-06	1.01E-05	1.03E-05	4.4736E-05
605484.66	4201447.47	4361.09949	0.00395	0.00398	0.01785	0.01812	3.78E-05	1.58E-06	1.61E-06	1.16E-05	1.17E-05	6.4253E-05
605492.57	4201664	2867.93779	0.00316	0.00318	0.0167	0.01701	2.49E-05	1.26E-06	1.29E-06	1.08E-05	1.10E-05	4.9204E-05
605492.98	4201561.94	3309.66876	0.00336	0.0034	0.01681	0.01708	2.87E-05	1.34E-06	1.38E-06	1.09E-05	1.10E-05	5.3320E-05
605498.6	4201538.96	3345.72392	0.00332	0.00335	0.01647	0.01671	2.90E-05	1.33E-06	1.36E-06	1.07E-05	1.08E-05	5.3138E-05
605501.15	4201514.96	3496.06658	0.00338	0.00341	0.01649	0.01673	3.03E-05	1.35E-06	1.38E-06	1.07E-05	1.08E-05	5.4516E-05
605502.92	4201612.33	3293.90594	0.00345	0.00349	0.01778	0.01809	2.86E-05	1.38E-06	1.41E-06	1.15E-05	1.17E-05	5.4536E-05
605503.19	4201494.01	3706.22914	0.00351	0.00355	0.01676	0.01701	3.21E-05	1.40E-06	1.44E-06	1.09E-05	1.10E-05	5.6802E-05
605504.84	4201447.88	4484.41015	0.00402	0.00405	0.01829	0.01858	3.89E-05	1.61E-06	1.64E-06	1.18E-05	1.20E-05	6.5960E-05
605506.45	4201709.81	2599.04656	0.00296	0.00298	0.01616	0.01647	2.25E-05	1.18E-06	1.21E-06	1.05E-05	1.06E-05	4.6014E-05
605507.9	4201666.04	2932.38025	0.00322	0.00324	0.0171	0.01742	2.54E-05	1.29E-06	1.31E-06	1.11E-05	1.12E-05	5.0335E-05
605523.95	4201611.73	3352.35138	0.00349	0.00352	0.0181	0.01842	2.91E-05	1.39E-06	1.42E-06	1.17E-05	1.19E-05	5.5491E-05
605525.44	4201645.41	4715.61961	0.00416	0.00419	0.01899	0.01929	4.09E-05	1.66E-06	1.69E-06	1.23E-05	1.24E-05	6.8989E-05
605529.85	4201708.66	2695.284	0.00305	0.00307	0.01673	0.01705	2.34E-05	1.22E-06	1.24E-06	1.08E-05	1.10E-05	4.7664E-05
605535.44	4201664.55	3093.54599	0.00336	0.00338	0.01794	0.01827	2.68E-05	1.34E-06	1.37E-06	1.16E-05	1.18E-05	5.2937E-05
605544.56	4201490.44	3916.00871	0.00364	0.00368	0.01752	0.01779	3.40E-05	1.45E-06	1.49E-06	1.13E-05	1.15E-05	5.9721E-05
605546.45	4201443.77	4881.36996	0.00424	0.00428	0.01949	0.0198	4.23E-05	1.69E-06	1.73E-06	1.26E-05	1.28E-05	7.1147E-05
605546.79	4201603.32	3404.86006	0.00351	0.00354	0.01826	0.01857	2.95E-05	1.40E-06	1.43E-06	1.18E-05	1.20E-05	5.6162E-05
605547.12	4201515.47	3628.63134	0.00345	0.00349	0.01711	0.01737	3.15E-05	1.38E-06	1.41E-06	1.11E-05	1.12E-05	5.6540E-05
605553.76	4201533.34	3493.54876	0.00337	0.00341	0.01706	0.01732	3.03E-05	1.35E-06	1.38E-06	1.10E-05	1.12E-05	5.5240E-05
605554.89	4201703.55	2854.64585	0.00319	0.00321	0.01754	0.01788	2.48E-05	1.27E-06	1.30E-06	1.14E-05	1.15E-05	5.0218E-05
605558.77	4201654.65	3316.41993	0.00353	0.00355	0.01887	0.01922	2.88E-05	1.41E-06	1.44E-06	1.22E-05	1.24E-05	5.6222E-05
605564.99	4201556.84	3413.9196	0.00337	0.0034	0.01734	0.01761	2.96E-05	1.35E-06	1.38E-06	1.12E-05	1.14E-05	5.4914E-05
605565.42	4201590.1	3430.19057	0.00349	0.00352	0.01816	0.01846	2.97E-05	1.39E-06	1.42E-06	1.18E-05	1.19E-05	5.6230E-05
605567.46	4201442.94	4870.04078	0.00421	0.00424	0.01945	0.01976	4.22E-05	1.68E-06	1.72E-06	1.26E-05	1.27E-05	7.0969E-05
605573.79	4201690.78	3063.59229	0.00336	0.00338	0.0184	0.01876	2.66E-05	1.34E-06	1.37E-06	1.19E-05	1.21E-05	5.3292E-05
605579.28	4201648.29	3438.99459	0.00361	0.00364	0.01938	0.01974	2.98E-05	1.44E-06	1.47E-06	1.26E-05	1.27E-05	5.8019E-05
605581.34	4201577.78	3446.20395	0.00345	0.00349	0.01801	0.01831	2.99E-05	1.38E-06	1.41E-06	1.17E-05	1.18E-05	5.6147E-05
605585.21	4201494.54	4005.36895	0.00368	0.00371	0.01804	0.01832	3.47E-05	1.47E-06	1.50E-06	1.17E-05	1.18E-05	6.1203E-05
605590.11	4201443.35	4882.80933	0.00419	0.00423	0.01952	0.01983	4.23E-05	1.67E-06	1.71E-06	1.26E-05	1.28E-05	7.1159E-05
605590.91	4201684.04	3228.74242	0.00349	0.00351	0.01912	0.01949	2.80E-05	1.39E-06	1.42E-06	1.24E-05	1.26E-05	5.5765E-05
605596.96	4201631.32	3505.7679	0.00363	0.00365	0.01944	0.01979	3.04E-05	1.45E-06	1.48E-06	1.26E-05	1.28E-05	5.8681E-05
605608.24	4201447.88	4875.24867	0.00418	0.00421	0.01966	0.01997	4.23E-05	1.67E-06	1.70E-06	1.27E-05	1.29E-05	7.1262E-05
605612.32	4201491.81	4211.72385	0.00381	0.00385	0.01877	0.01907	3.65E-05	1.52E-06	1.56E-06	1.22E-05	1.23E-05	6.4058E-05
605612.51	4201618.59	3522.67926	0.00361	0.00363	0.01932	0.01967	3.05E-05	1.44E-06	1.47E-06	1.25E-05	1.27E-05	5.8656E-05
605617.05	4201550.42	3611.88384	0.00347	0.00351	0.01814	0.01843	3.13E-05	1.39E-06	1.42E-06	1.17E-05	1.19E-05	5.7762E-05
605617.31	4201676.04	3436.53249	0.00364	0.00366	0.02003	0.02042	2.98E-05	1.45E-06	1.48E-06	1.30E-05	1.32E-05	5.8877E-05
605622.85	4201440.76	5094.21765	0.00428	0.00432	0.02013	0.02045	4.42E-05	1.71E-06	1.75E-06	1.30E-05	1.32E-05	7.3859E-05
605629.67	4201535.39	3784.36597	0.00357	0.0036	0.01846	0.01875	3.28E-05	1.43E-06	1.46E-06	1.20E-05	1.21E-05	5.9747E-05
605633.16	4201493.26	4386.04517	0.00394	0.00398	0.01949	0.01981	3.80E-05	1.57E-06	1.61E-06	1.26E-05	1.28E-05	6.6617E-05
605646.71	4201591.06	3573.20845	0.00355	0.00358	0.01907	0.0194	3.10E-05	1.42E-06	1.45E-06	1.23E-05	1.25E-05	5.8714E-05
605651.9	4201523.98	4024.31791	0.00372	0.00376	0.01912	0.01943	3.49E-05	1.49E-06	1.52E-06	1.24E-05	1.25E-05	6.2819E-05

605652.06	4201496.17	4495.1288	0.00402	0.00406	0.02002	0.02035	3.90E-05	1.61E-06	1.64E-06	1.30E-05	1.31E-05	6.8319E-05
605652.36	4201436.02	5478.45899	0.00448	0.00452	0.02116	0.0215	4.75E-05	1.79E-06	1.83E-06	1.37E-05	1.39E-05	7.8696E-05
605663.57	4201579.82	3620.25642	0.00353	0.00356	0.01906	0.01938	3.14E-05	1.41E-06	1.44E-06	1.23E-05	1.25E-05	5.9087E-05
605664.73	4201615.37	3611.84251	0.00364	0.00366	0.01985	0.0202	3.13E-05	1.45E-06	1.48E-06	1.29E-05	1.30E-05	6.0139E-05
605666.66	4201657.64	3664.56435	0.00378	0.0038	0.02091	0.02131	3.18E-05	1.51E-06	1.54E-06	1.35E-05	1.37E-05	6.2111E-05
605667.86	4201640.21	3623.02033	0.0037	0.00373	0.02042	0.02079	3.14E-05	1.48E-06	1.51E-06	1.32E-05	1.34E-05	6.1038E-05
605676.3	4201482.12	4992.40949	0.00431	0.00435	0.02132	0.02168	4.33E-05	1.72E-06	1.76E-06	1.38E-05	1.40E-05	7.4564E-05
605679.28	4201449.87	5639.01275	0.00461	0.00465	0.02219	0.02255	4.89E-05	1.84E-06	1.88E-06	1.44E-05	1.45E-05	8.1537E-05
605679.91	4201566.03	3721.81831	0.00356	0.00359	0.01919	0.01951	3.23E-05	1.42E-06	1.45E-06	1.24E-05	1.26E-05	6.0150E-05
605680.74	4201532.99	4031.09538	0.00372	0.00376	0.01949	0.01981	3.50E-05	1.49E-06	1.52E-06	1.26E-05	1.28E-05	6.3362E-05
605752.64	4201613.91	3905.76115	0.0038	0.00383	0.02139	0.02178	3.39E-05	1.52E-06	1.55E-06	1.39E-05	1.40E-05	6.4837E-05
605753.43	4201572.13	3965.29491	0.0037	0.00373	0.02058	0.02094	3.44E-05	1.48E-06	1.51E-06	1.33E-05	1.35E-05	6.4206E-05
605753.43	4201592.62	3905.16587	0.00373	0.00376	0.02088	0.02125	3.39E-05	1.49E-06	1.52E-06	1.35E-05	1.37E-05	6.4103E-05
605755.8	4201636.77	4080.06293	0.004	0.00403	0.02258	0.02301	3.54E-05	1.60E-06	1.63E-06	1.46E-05	1.48E-05	6.8073E-05
605756.59	4201659.63	4179.86476	0.00412	0.00414	0.02342	0.02387	3.62E-05	1.65E-06	1.67E-06	1.52E-05	1.54E-05	7.0129E-05
605756.59	4201550.06	4167.72506	0.00379	0.00383	0.02075	0.02111	3.61E-05	1.51E-06	1.55E-06	1.34E-05	1.36E-05	6.6258E-05
605757.37	4201681.7	4094.6255	0.0041	0.00412	0.02348	0.02394	3.55E-05	1.64E-06	1.67E-06	1.52E-05	1.54E-05	6.9458E-05
605758.95	4201524.04	4607.90049	0.00407	0.00411	0.02159	0.02196	4.00E-05	1.63E-06	1.66E-06	1.40E-05	1.42E-05	7.1392E-05
605760.53	4201505.91	5045.57785	0.00433	0.00438	0.02251	0.0229	4.38E-05	1.73E-06	1.77E-06	1.46E-05	1.48E-05	7.6603E-05
605762.1	4201482.26	5723.12474	0.00469	0.00474	0.02382	0.02422	4.96E-05	1.87E-06	1.92E-06	1.54E-05	1.56E-05	8.4468E-05
605764.55	4201731.52	3661.07298	0.00383	0.00384	0.02249	0.02295	3.17E-05	1.53E-06	1.55E-06	1.46E-05	1.48E-05	6.4198E-05
605767.62	4201463.35	6094.83064	0.00483	0.00488	0.02416	0.02456	5.29E-05	1.93E-06	1.97E-06	1.56E-05	1.58E-05	8.8243E-05
605767.9	4201752.3	3492.58858	0.00372	0.00373	0.02204	0.0225	3.03E-05	1.49E-06	1.51E-06	1.43E-05	1.45E-05	6.2066E-05
605767.9	4201771.74	3358.65345	0.00363	0.00364	0.02165	0.02211	2.91E-05	1.45E-06	1.47E-06	1.40E-05	1.43E-05	6.0329E-05
605768.57	4201808.61	3255.06438	0.00358	0.00359	0.02143	0.0219	2.82E-05	1.43E-06	1.45E-06	1.39E-05	1.41E-05	5.9112E-05
605774.72	4201432.6	6307.92373	0.00479	0.00484	0.0234	0.02377	5.47E-05	1.91E-06	1.96E-06	1.52E-05	1.53E-05	8.9057E-05
605796.05	4201826.04	3424.49927	0.00372	0.00372	0.02228	0.02279	2.97E-05	1.49E-06	1.50E-06	1.44E-05	1.47E-05	6.1814E-05
605803.82	4201672.8	4426.92894	0.00429	0.00431	0.02478	0.02528	3.84E-05	1.71E-06	1.74E-06	1.60E-05	1.63E-05	7.4199E-05
605804.38	4201419.48	6425.21297	0.0047	0.00475	0.02296	0.02329	5.57E-05	1.88E-06	1.92E-06	1.49E-05	1.50E-05	8.9408E-05
605804.49	4201580.95	4619.7761	0.00423	0.00426	0.0235	0.02394	4.01E-05	1.69E-06	1.72E-06	1.52E-05	1.54E-05	7.4134E-05
605810.53	4201617.83	4751.78476	0.00441	0.00443	0.02491	0.02539	4.12E-05	1.76E-06	1.79E-06	1.61E-05	1.64E-05	7.7267E-05
605814.67	4201508.36	5741.19481	0.00474	0.00479	0.02496	0.02539	4.98E-05	1.89E-06	1.94E-06	1.62E-05	1.64E-05	8.6158E-05
605814.67	4201534.29	5225.4926	0.0045	0.00454	0.02423	0.02466	4.53E-05	1.80E-06	1.84E-06	1.57E-05	1.59E-05	8.0545E-05
605816.17	4201744.25	3626.57664	0.00378	0.00379	0.02272	0.02319	3.14E-05	1.51E-06	1.53E-06	1.47E-05	1.50E-05	6.4162E-05
605819.2	4201487.79	5971.95741	0.00479	0.00484	0.02486	0.02527	5.18E-05	1.91E-06	1.96E-06	1.61E-05	1.63E-05	8.8057E-05
605820.86	4201722.13	3856.33352	0.00393	0.00394	0.0234	0.02388	3.34E-05	1.57E-06	1.59E-06	1.52E-05	1.54E-05	6.7160E-05
605820.86	4201768.39	3375.20441	0.00359	0.0036	0.02196	0.02241	2.93E-05	1.43E-06	1.46E-06	1.42E-05	1.45E-05	6.0834E-05
605823.31	4201467.62	6112.40036	0.00478	0.00483	0.02441	0.02479	5.30E-05	1.91E-06	1.95E-06	1.58E-05	1.60E-05	8.8666E-05
605826.19	4201439.64	6339.37863	0.00474	0.00479	0.0237	0.02405	5.50E-05	1.89E-06	1.94E-06	1.53E-05	1.55E-05	8.9665E-05
605827.96	4201666.77	4626.10247	0.0044	0.00442	0.02551	0.02602	4.01E-05	1.76E-06	1.79E-06	1.65E-05	1.68E-05	7.6964E-05
605829.3	4201579.61	5082.39924	0.00452	0.00456	0.02518	0.02565	4.41E-05	1.80E-06	1.84E-06	1.63E-05	1.65E-05	8.0574E-05
605830.25	4201806.6	3425.60546	0.00368	0.00368	0.02242	0.02291	2.97E-05	1.47E-06	1.49E-06	1.45E-05	1.48E-05	6.1960E-05
605842.32	4201838.78	3670.34646	0.00389	0.00389	0.02346	0.024	3.18E-05	1.55E-06	1.57E-06	1.52E-05	1.55E-05	6.5628E-05
605846.73	4201613.8	5214.78463	0.00468	0.00471	0.02657	0.02708	4.52E-05	1.87E-06	1.91E-06	1.72E-05	1.75E-05	8.3669E-05
605847.01	4201720.79	3896.6651	0.00393	0.00394	0.02365	0.02415	3.38E-05	1.57E-06	1.59E-06	1.53E-05	1.56E-05	6.7846E-05
605848.35	4201757.66	3489.54284	0.00364	0.00365	0.02245	0.02292	3.03E-05	1.45E-06	1.48E-06	1.45E-05	1.48E-05	6.2512E-05
605850.75	4201582.29	5377.01384	0.0047	0.00473	0.02632	0.02681	4.66E-05	1.88E-06	1.91E-06	1.70E-05	1.73E-05	8.4756E-05
605851.42	4201667.44	4668.19419	0.00441	0.00442	0.02577	0.02629	4.05E-05	1.76E-06	1.79E-06	1.67E-05	1.70E-05	7.7676E-05
605854.59	4201515.36	5844.59535	0.00478	0.00482	0.02561	0.02605	5.07E-05	1.91E-06	1.95E-06	1.66E-05	1.68E-05	8.7929E-05
605854.59	4201537.17	5746.33812	0.0048	0.00484	0.02611	0.02657	4.98E-05	1.92E-06	1.96E-06	1.69E-05	1.71E-05	8.7752E-05
605857.05	4201470.09	6026.47462	0.00466	0.00471	0.02419	0.02456	5.23E-05	1.86E-06	1.91E-06	1.57E-05	1.58E-05	8.7533E-05
605857.05	4201491.49	5905.76506	0.0047	0.00475	0.02482	0.02522	5.12E-05	1.88E-06	1.92E-06	1.61E-05	1.63E-05	8.7352E-05
605860.35	4201439.64	6361.03594	0.00465	0.0047	0.02358	0.02391	5.52E-05	1.86E-06	1.90E-06	1.53E-05	1.54E-05	8.9612E-05
605865.78	4201716.1	3977.09459	0.00397	0.00398	0.02399	0.0245	3.45E-05	1.59E-06	1.61E-06	1.55E-05	1.58E-05	6.9022E-05
605870.86	4201658.05	4860.86679	0.0045	0.00452	0.02636	0.0269	4.22E-05	1.80E-06	1.83E-06	1.71E-05	1.73E-05	8.0199E-05
605872.48	4201754.31	3595.1621	0.0037	0.00371	0.02295	0.02343	3.12E-05	1.48E-06	1.50E-06	1.49E-05	1.51E-05	6.4129E-05
605873.15	4201846.82	3872.85969	0.00403	0.00403	0.02435	0.02491	3.36E-05	1.61E-06	1.63E-06	1.58E-05	1.61E-05	6.8660E-05
605875.56	4201623.19	5446.12612	0.00482	0.00485	0.02767	0.02821	4.72E-05	1.92E-06	1.96E-06	1.79E-05	1.82E-05	8.7229E-05
605888.57	4201714.09	4056.91994	0.004	0.00401	0.02438	0.02489	3.52E-05	1.60E-06	1.62E-06	1.58E-05	1.61E-05	7.0242E-05
605889.24	4201803.25	3650.40856	0.00381	0.00381	0.02356	0.02408	3.17E-05	1.52E-06	1.54E-06	1.53E-05	1.55E-05	6.5507E-05
605889.63	4201654.7	4945.04244	0.00453	0.00455	0.02667	0.02721	4.29E-05	1.81E-06	1.84E-06	1.73E-05	1.75E-05	8.1353E-05
605892.86	4201424.83	6719.86786	0.00463	0.00468	0.02348	0.02379	5.83E-05	1.85E-06	1.89E-06	1.52E-05	1.53E-05	9.2566E-05
605893.94	4201834.09	3925.33531	0.00405	0.00405	0.02463	0.0252	3.40E-05	1.62E-06	1.64E-06	1.60E-05	1.63E-05	6.9499E-05
605895.28	4201750.29	3719.3805	0.00377	0.00378	0.02351	0.024	3.23E-05	1.51E-06	1.53E-06	1.52E-05	1.55E-05	6.5993E-05
605904.79	4201542.52	5590.05555	0.00464	0.00467	0.02586	0.0263	4.85E-05	1.85E-06	1.89E-06	1.67E-05	1.70E-05	8.5928E-05
605905.72	4201609.78	5839.52985	0.00501	0.00503	0.02872	0.02926	5.06E-05	2.00E-06	2.03E-06	1.86E-05	1.89E-05	9.2146E-05
605907.73	4201585.65	5962.36395	0.00501	0.00504	0.02845	0.02897	5.17E-05	2.00E-06	2.04E-06	1.84E-05	1.87E-05	9.2853E-05
605908.49	4201515.36	5693.45456	0.00457	0.00461	0.02511	0.02551	4.94E-05	1.82E-06	1.86E-06	1.63E-05	1.65E-05	8.5777E-05
605910.7	4201707.38	4220.18115	0.00409	0.0041	0.025	0.02554	3.66E-05	1.63E-06	1.66E-06	1.62E-05	1.65E-05	7.2551E-05
605911.09	4201656.04	4935.66421	0.00451	0.00452	0.02675	0.02729	4.28E-05	1.80E-06	1.83E-06	1.73E-05	1.76E-05	8.1355E-05
605913.84	4201470.5	5999.12864	0.00444	0.00449	0.02384	0.02416	5.20E-05	1.77E-06	1.82E-06	1.54E-05	1.56E-05	8.6635E-05
605915.08	4201442.93	6481.95711	0.00454	0.0046	0.02371	0.02402	5.62E-05	1.81E-06	1.86E-06	1.54E-05	1.55E-05	9.0732E-05
605915.39	4201747.61	3847.72261	0.00385	0.00386	0.02407	0.02459	3.34E-05	1.54E-06	1.56E-06	1.56E-05	1.59E-05	6.7913E-05
605915.9	4201491.49	5855.36232	0.0045	0.00455	0.02448	0.02484	5.08E-05	1.80E-06	1.84E-06	1.59E-05	1.60E-05	8.6289E-05
605926.78	4201793.19	3699.01726	0.00378	0.00379	0.02388	0.0244	3.21E-05	1.51E-06	1.53E-06	1.55E-05	1.57E-05	6.6322E-05
605928.13	4201818.67	3911.19123	0.004	0.004	0.02474	0.0253	3.39E-05	1.60E-06	1.62E-06	1.60E-05	1.63E-05	6.9472E-05
605933.21	4201650.01	5203.61217	0.00465	0.00466	0.02762	0.02818	4.51E-05	1.86E-06	1.89E-06	1.79E-05	1.82E-05	8.4929E-05
605933.49	4201706.71	4357.13827	0.00417	0.00418	0.0256	0.02615	3.78E-05	1.67E-06	1.69E-06	1.66E-05	1.69E-05	7.4585E-05
605935.89	4201593.02	6217.06049	0.00515	0.00517	0.02949	0.03003	5.39E-05	2.06E-06	2.09E-06	1.91E-05	1.94E-05	9.6528E-05
605941.53	4201742.91	4072.82602	0.004	0.00401	0.025	0.02554	3.53E-05	1.60E-06	1.62E-06	1.62E-05	1.65E-05	7.1201E-05
605949.23	4201544.16	5881.11181	0.00475	0.00479	0.02681	0.02726	5.10E-05	1.90E-06	1.94E-06	1.74E-05	1.76E-05	8.9779E-05
605949.58	4201844.81	4218.04735	0.00423	0.00422	0.02589	0.0265	3.66E-05	1.69E-06	1.71E-06	1.68E-05	1.71E-05	7.3833E-05
605950.05	4201518.65	5936.3346	0.00465	0.00469	0.02591	0.02631	5.15E-05	1.86E-06	1.90E-06	1.68E-05	1.70E-05	8.8982E-05
605951.7	4201477.5	6259.88968	0.00456	0.00461	0.02479	0.02513	5.43E-05	1.82E-06	1.86E-06	1.61E-05	1.62E-05	9.0233E-05
605954.66	4201647.32	5452.2612	0.00477	0.00479	0.02845	0.02902	4.73E-05	1.90E-06	1.94E-06	1.84E-05	1.87E-05	8.8265E-05
605954.99	4201496.02	6128.54122	0.00462	0.00466	0.02538	0.02575	5.31E-05	1.84E-06	1.89E-06	1.64E-05	1.66E-05	8.9920E-05
605956.28	4201701.35	4616.48615	0.00433	0.00433	0.02656	0.02712	4.00E-05	1.73E-06	1.75E-06	1.72E-05	1.75E-05	7.8206E-05
605957.05	4201448.69	7011.13166	0.00484	0.00489	0.02527	0.02561	6.08E-05	1.93E-06	1.98E-06	1.64E-05	1.65E-05	9.7594E-05
605963.66	4201742.24	4288.14474	0.00415	0.00415	0.02588	0.02645	3.72E-05	1.66E-06	1.68E-06	1.68E-05	1.71E-05	7.4342E-05
605964.05	4201596.37	6506.21955	0.00529	0.00531	0.03049	0.03103	5.64E-05	2.11E-06	2.15E-06	1.97E-05	2.00E-05	1.0044E-04
605972.76	4201645.31	5733.42176	0.00492	0.00494	0.02936	0.02994	4.97E-05	1.96E-06	2.00E-06	1.90E-05	1.93E-05	9.2007E-05
605977.73	4201697.33	4912.9464	0.0045	0.00451	0.02761	0.02819	4.26E-05	1.80E-06	1.82E-06	1.79E-05	1.82E-05	8.2288E-05
605978.4	4201840.12	4267.162	0.00424	0.00424	0.02621	0.02683	3.70E-05	1.69E-06	1.72E-06	1.70E-05	1.73E-05	7.4691E-05
605984.21	4201435.94	7948.65897	0.00522	0.00528	0.02672	0.02709	6.89E-05	2.08E-06	2.14E-06	1.73E-05	1.75E-05	1.0793E-04
605984.44	4201737.55	4586.22495	0.00434	0.00435	0.02698	0.02758	3.98E-05	1.73E-06	1.76E-06	1.75E-05	1.78E-05	7.8524E-05
605986.17	4201587.66	6751.10789	0.00536	0.00539	0.03091	0.03145	5.85E-05	2.14E-06	2.18E-06	2.00E-05	2.03E-05	1.0317E-04
605990.47	4201806.6	4055.11412	0.00401	0.00401	0.02551	0.02609	3.52E-05	1.60E-06	1.62E-06	1.65E-05	1.68E-05	7.1736E-05
605993.15	4201787.83	4130.61382	0.00405	0.00404	0.02573	0.02631	3.58E-05	1.62E-06	1.63E-06	1.67E-05	1.70E-05	7.2704E-05
605998.91	4201636.6	6325.91269	0.00522	0.00524	0.03104	0.03162	5.49E-05	2.08E-06	2.12E-06	2.01E-05	2.04E-05	9.9557E-05
605999.86	4201691.29	5299.64601	0.00472	0.00473	0.02887	0.02947	4.60E-05	1.88E-06	1.91E-06	1.87E-05	1.90E-05	8.7460E-05
606001.9	4201630.87	6528.6162	0.00503	0.00507	0.02848	0.02894	5.66E-05	2.01E-06	2.05E-06	1.84E-05	1.87E-05	9.7784E-05
606004.78	4201518.24	6636.16919	0.00497	0.00501	0.02776	0.02819	5.75E-05	1.98E-06	2.03E-06	1.80E-05	1.82E-05	9.7719E-05
606005.22	4201734.87	4809.05901	0.00447	0.00448	0.0278	0.02841	4.17E-05	1.78E-06	1.81E-06	1.80E-05	1.83E-05	8.1628E-05
606005.3	4201499.08	6881.54144	0.00501	0.00505	0.02749	0.02791	5.97E-05	2.00E-06	2.04E-06	1.78E-05	1.80E-05	9.9523E-05
606006.95	4201591.01	6998.01762	0.00548	0.0055	0.03169	0.03224	6.07E-05	2.19E-06	2.22E-06	2.05E-05	2.08E-05	1.0642E-04
606009.49	4201477.75	7323.95775	0.00512	0.00517	0.0275	0.0279	6.35E-05	2.04E-06	2.09E-06	1.78E-05	1.80E-05	1.0345E-04
606012.6	4201448.69	8056.999	0.00529	0.00535	0.02757	0.02796	6.99E-05	2.11E-06	2.16E-06	1.79E-05	1.80E-05	1.1003E-04
606018.35	4201631.9	6529.2201	0.0053	0.00532	0.03151	0.0321	5.66E-05	2.12E-06	2.15E-06	2.04E-05	2.07E-05	1.0200E-04
606026	4201688.61	5577.66117	0.00486	0.00487	0.02977	0.03038	4.84E-05	1.94E-06	1.97E-06	1.93E-05	1.96E-05	9.1153E-05
606028.01	4201804.59	4285.31758	0.00413	0.00413	0.02649	0.0271	3.72E-05	1.65E-06	1.67E-06	1.72E-05	1.75E-05	7.5115E-05
606028.68	4201755.15	4386.08472	0.00419	0.00419	0.02678	0.02739	3.80E-05	1.67E-06	1.69E-06	1.73E-05	1.77E-05	7.6412E-05
606029.35	4201731.52	4908.4016	0.00451	0.00451	0.0282	0.02881	4.26E-05	1.80E-06	1.82E-06	1.83E-05	1.86E-05	8.3034E-05
606029.75	4201589.67	7268.43129	0.00558	0.00561	0.03233	0.03288	6.30E-05	2.23E-06	2.27E-06	2.09E-05	2.12E-05	1.0967E-04
606037.79	4201634.59	6549.34793	0.00529	0.00531	0.0316	0.03219	5.68E-05	2.11E-06	2.15E-06	2.05E-05	2.08E-05	1.0228E-04
606042.76	4201830.73	4549.90369	0.00437	0.00436	0.02753	0.02819	3.95E-05	1.74E-06	1.76E-06	1.78E-05	1.82E-05	7.8975E-05
606048.12	4201685.26	5539.21496	0.00481	0.00482	0.02964	0.03023	4.80E-05	1.92E-06	1.95E-06	1.92E-05	1.95E-05	9.0598E-05
606053.21	4201593.02	7502.80755	0.00568	0.0057	0.03299	0.03355	6.51E-05	2.27E-06	2.31E-06	2.14E-05	2.16E-05	1.1264E-04
606054.16	4201725.48	5048.03219	0.00456	0.00456	0.02867	0.02928	4.38E-05	1.82E-06	1.84E-06	1.86E-05	1.89E-05	8.4893E-05
606054.96	4201471.1	8333.12359	0.00549	0.00554	0.02931	0.02974	7.23E-05	2.19E-06	2.24E-06	1.90E-05	1.92E-05	1.1486E-04
606057.41	4201447.66	9056.07157	0.00566	0.00572	0.02942	0.02984	7.85E-05	2.26E-06	2.31E-06	1.91E-05	1.92E-05	1.2141E-04
606057.76	4201494.89	8226.3939	0.0056	0.00565	0.03045	0.03091	7.13E-05	2.24E-06	2.29E-06	1.97E-05	1.99E-05	1.1552E-04
606058.46	4201539.31	7941.63413	0.00569	0.00572	0.03195	0.03247	6.89E-05	2.27E-06	2.31E-06	2.07E-05	2.09E-05	1.1509E-04
606059.25	4201628.55	6883.66165	0.00543	0.00545	0.03235	0.03293	5.97E-05	2.17E-06	2.20E-06	2.09E-05	2.12E-05	1.0626E-04
606061.96	4201516.57	8083.42218	0.00564	0.00568	0.03121	0.0317	7.01E-05	2.25E-06	2.30E-06	2.02E-05	2.04E-05	1.1531E-04
606070.25	4201675.21	5855.13971	0.00496	0.00496	0.03042	0.03101	5.08E-05	1.98E-06	2.01E-06	1.97E-05	2.00E-05	9.4463E-05
606074.67	4201584.98	7970.9501	0.00585	0.00588	0.03381	0.03437	6.91E-05	2.34E-06	2.38E-06	2.19E-05	2.22E-05	1.1790E-04
606077.62	4201831.4	4779.00345	0.00449	0.00448	0.02851	0.0292	4.14E-05	1.79E-06	1.81E-06	1.85E-05	1.88E-05	8.2344E-05
606078.96	4201722.8	5250.81657	0.00465	0.00465	0.02934	0.02995	4.55E-05	1.86E-06	1.88E-06	1.90E-05	1.93E-05	8.7590E-05
606082.04	4201724.53	7321.14396	0.00562	0.00563	0.03335	0.03394	6.35E-05	2.24E-06	2.28E-06	2.16E-05	2.19E-05	1.1150E-04
606083.3	4201427.03	10625.39104	0.00608	0.00614	0.03084	0.03127	9.21E-05	2.43E-06	2.48E-06	2.00E-05	2.02E-05	1.3719E-04
606085.67	4201779.79	4852.20137	0.00443	0.00443	0.0286	0.02924	4.21E-05	1.77E-06	1.79E-06	1.85E-05	1.89E-05	8.3019E-05
606090.36	4201797.89	4797.67287	0.00441	0.0044	0.02853	0.02919	4.16E-05	1.76E-06	1.78E-06	1.85E-05	1.88E-05	8.2448E-05
606095.72	4201675.21	6201.61864	0.00513	0.00513	0.0314	0.03199	5.38E-05	2.05E-06	2.08E-06	2.03E-05	2.06E-05	9.8871E-05
606099.47	4201581.62	8507.73742	0.00606	0.00609	0.03484	0.0354	7.38E-05	2.42E-06	2.46E-06	2.26E-05	2.28E-05	1.2406E-04
606101.76	4201726.82	5443.57565	0.00475	0.00475	0.03002	0.03063	4.72E-05	1.90E-06	1.92E-06	1.94E-05	1.98E-05	9.0221E-05
606102.82	4201623.19	7803.8853	0.00583	0.00584	0.03447	0.03507	6.77E-05	2.33E-06	2.36E-06	2.23E-05	2.26E-05	1.1731E-04
606107.43	4201441.37	10422.08189	0.00604	0.0061	0.03123	0.03167	9.04E-05	2.41E-06	2.47E-06	2.02E-05	2.04E-05	1.3591E-04
606108.13	4201514.12	8512.84773	0.00572	0.00576	0.03177	0.03226	7.38E-05	2.28E-06	2.33E-06	2.06E-05	2.08E-05	1.1982E-04
606112.33	4201491.04	8886.23021	0.00573	0.00578	0.03129	0.03176	7.71E-05	2.29E-06	2.34E-06	2.03E-05	2.05E-05	1.2243E-04
606113.03	4201537.21	8819.98842	0.00599	0.00602	0.03358	0.03412	7.65E-05	2.39E-06	2.44E-06	2.17E-05	2.20E-05	1.2507E-04
606113.38	4201469.7	9359.04019	0.00578	0.00584	0.03096	0.03142	8.12E-05	2.31E-06	2.36E-06	2.00E-05	2.03E-05	1.2615E-04
606118.24	4201586.99	8885.53194	0.00623	0.00625	0.03577	0.03633	7.71E-05	2.49E-06	2.53E-06	2.32E-05	2.34E-05	1.2867E-04
606121.87	4201679.23	6593.71957	0.00533	0.00533	0.0325	0.03312	5.72E-05	2.13E-06	2.16E-06	2.10E-05	2.14E-05	1.0387E-04
606125.89	4201728.17	5722.26017	0.0049	0.0049	0.03089	0.03151	4.96E-05	1.96E-06	1.98E-06	2.00E-05	2.03E-05	9.3889E-05
606129.64	4201621.18	8603.45602	0.00617	0.00618	0.03619	0.03679	7.46E-05	2.46E-06	2.50E-06	2.34E-05	2.37E-05	1.2674E-04
606129.91	4201828.72	5049.29785	0.00457	0.00455	0.02973	0.03044	4.38E-05	1.82E-06	1.84E-06	1.93E-05	1.96E-05	8.6338E-05

606130.58	4201805.26	5155.21897	0.00461	0.0046	0.02995	0.03064	4.47E-05	1.84E-06	1.86E-06	1.94E-05	1.98E-05	8.7565E-05
606133.93	4201786.49	5309.91714	0.00469	0.00468	0.03032	0.03099	4.60E-05	1.87E-06	1.89E-06	1.96E-05	2.00E-05	8.9436E-05
606141.04	4201589.67	9379.23595	0.00642	0.00644	0.03677	0.03734	8.13E-05	2.56E-06	2.61E-06	2.38E-05	2.41E-05	1.3440E-04
606143.99	4201858.89	5400.97353	0.00493	0.0049	0.03106	0.03184	4.68E-05	1.97E-06	1.98E-06	2.01E-05	2.05E-05	9.1438E-05
606147.07	4201623.19	8996.97609	0.00633	0.00634	0.03703	0.03763	7.80E-05	2.53E-06	2.56E-06	2.40E-05	2.43E-05	1.3136E-04
606149.35	4201736.88	5956.88948	0.00503	0.00503	0.03171	0.03234	5.17E-05	2.01E-06	2.03E-06	2.05E-05	2.09E-05	9.7095E-05
606149.76	4201533.71	9355.67999	0.00613	0.00616	0.0343	0.03484	8.11E-05	2.45E-06	2.49E-06	2.22E-05	2.25E-05	1.3076E-04
606154.05	4201702.02	6666.46813	0.00538	0.00538	0.03306	0.03369	5.78E-05	2.15E-06	2.18E-06	2.14E-05	2.17E-05	1.0527E-04
606158.5	4201482.99	9742.82211	0.0059	0.00594	0.03213	0.03261	8.45E-05	2.36E-06	2.40E-06	2.08E-05	2.10E-05	1.3109E-04
606159.41	4201679.23	7406.10312	0.0057	0.0057	0.03449	0.03514	6.42E-05	2.28E-06	2.31E-06	2.23E-05	2.27E-05	1.1381E-04
606161.65	4201457.81	10827.75791	0.00613	0.00619	0.03251	0.03298	9.39E-05	2.45E-06	2.50E-06	2.11E-05	2.13E-05	1.4117E-04
606162.49	4201601.07	9794.85569	0.00661	0.00663	0.03788	0.03847	8.49E-05	2.64E-06	2.68E-06	2.45E-05	2.48E-05	1.3960E-04
606166.11	4201859.56	5457.25225	0.00494	0.00491	0.03146	0.03225	4.73E-05	1.97E-06	1.99E-06	2.04E-05	2.08E-05	9.2457E-05
606167.94	4201503.63	9601.17253	0.00598	0.00602	0.03303	0.03355	8.33E-05	2.39E-06	2.44E-06	2.14E-05	2.16E-05	1.3111E-04
606169.34	4201536.16	9718.47201	0.00625	0.00628	0.035	0.03556	8.43E-05	2.50E-06	2.54E-06	2.27E-05	2.29E-05	1.3492E-04
606172.54	4201623.86	9602.05278	0.00655	0.00657	0.03815	0.03877	8.33E-05	2.62E-06	2.66E-06	2.47E-05	2.50E-05	1.3825E-04
606182.87	4201797.22	6001.24183	0.00514	0.00512	0.03271	0.03343	5.20E-05	2.05E-06	2.07E-06	2.12E-05	2.16E-05	9.8910E-05
606182.87	4201815.32	5794.56331	0.00504	0.00501	0.0323	0.03303	5.03E-05	2.01E-06	2.03E-06	2.09E-05	2.13E-05	9.6510E-05
606186.48	4201435.77	13204.52467	0.00671	0.00678	0.03449	0.03497	1.15E-04	2.68E-06	2.74E-06	2.23E-05	2.26E-05	1.6482E-04
606186.89	4201842.13	5566.34321	0.00491	0.00488	0.03187	0.03262	4.83E-05	1.96E-06	1.97E-06	2.06E-05	2.10E-05	9.3883E-05
606187.56	4201772.41	6242.97961	0.00524	0.00522	0.03308	0.03377	5.41E-05	2.09E-06	2.11E-06	2.14E-05	2.18E-05	1.0155E-04
606194.94	4201745.6	6682.57536	0.00544	0.00542	0.03384	0.03451	5.80E-05	2.17E-06	2.19E-06	2.19E-05	2.23E-05	1.0649E-04
606202.98	4201718.78	7448.83505	0.00578	0.00577	0.03527	0.03596	6.46E-05	2.31E-06	2.33E-06	2.28E-05	2.32E-05	1.1527E-04
606207.68	4201693.98	8247.13749	0.00609	0.00608	0.03664	0.03734	7.15E-05	2.43E-06	2.46E-06	2.37E-05	2.41E-05	1.2422E-04
606208.52	4201434.72	14353.12832	0.00698	0.00705	0.03573	0.03624	1.24E-04	2.79E-06	2.85E-06	2.31E-05	2.34E-05	1.7662E-04
606212.37	4201484.74	10831.49516	0.00617	0.00621	0.0337	0.03421	9.39E-05	2.46E-06	2.51E-06	2.18E-05	2.21E-05	1.4279E-04
606214.45	4201529.7	10410.37968	0.00638	0.00641	0.0356	0.03617	9.03E-05	2.55E-06	2.59E-06	2.31E-05	2.33E-05	1.4180E-04
606216.45	4201599.79	11199.57541	0.00707	0.00709	0.04004	0.04067	9.71E-05	2.82E-06	2.87E-06	2.59E-05	2.62E-05	1.5497E-04
606217.24	4201646.32	10158.73994	0.00675	0.00675	0.03958	0.04024	8.81E-05	2.70E-06	2.73E-06	2.56E-05	2.60E-05	1.4511E-04
606219	4201578.94	11318.20014	0.00699	0.00701	0.03936	0.03997	9.82E-05	2.79E-06	2.84E-06	2.55E-05	2.58E-05	1.5505E-04
606221.97	4201624.24	10890.49512	0.007	0.00701	0.0403	0.04094	9.44E-05	2.80E-06	2.84E-06	2.61E-05	2.64E-05	1.5258E-04
606229.86	4201440.32	14801.71715	0.00709	0.00715	0.03649	0.03702	1.28E-04	2.83E-06	2.89E-06	2.36E-05	2.39E-05	1.8159E-04
606233.34	4201488.04	11254.42413	0.00628	0.00632	0.0344	0.03493	9.76E-05	2.51E-06	2.56E-06	2.23E-05	2.25E-05	1.4747E-04
606235.77	4201525.82	10732.14133	0.00642	0.00645	0.03575	0.03633	9.31E-05	2.56E-06	2.61E-06	2.32E-05	2.34E-05	1.4482E-04
606249.57	4201574.58	11933.45136	0.00712	0.00713	0.03998	0.04061	1.03E-04	2.84E-06	2.88E-06	2.59E-05	2.62E-05	1.6130E-04
606250.49	4201437.52	16411.11131	0.00742	0.00749	0.03795	0.0385	1.42E-04	2.96E-06	3.03E-06	2.46E-05	2.48E-05	1.9772E-04
606251.94	4201658.94	10898.99221	0.00704	0.00703	0.04113	0.04184	9.45E-05	2.81E-06	2.84E-06	2.66E-05	2.70E-05	1.5379E-04
606252.92	4201711.54	9124.00585	0.0065	0.00648	0.03885	0.03961	7.91E-05	2.60E-06	2.62E-06	2.52E-05	2.55E-05	1.3505E-04
606253.2	4201487.56	11880.00361	0.00644	0.00648	0.03518	0.03573	1.03E-04	2.57E-06	2.62E-06	2.28E-05	2.30E-05	1.5404E-04
606256.67	4201638.44	11578.07862	0.00724	0.00724	0.04173	0.04242	1.00E-04	2.89E-06	2.93E-06	2.70E-05	2.74E-05	1.6061E-04
606262.4	4201524.85	11280.95387	0.00655	0.00657	0.03637	0.03696	9.78E-05	2.62E-06	2.66E-06	2.36E-05	2.38E-05	1.5049E-04
606269.15	4201720.69	9388.93177	0.00665	0.00662	0.03962	0.0404	8.14E-05	2.66E-06	2.68E-06	2.57E-05	2.61E-05	1.3847E-04
606269.29	4201609.25	12664.31064	0.00755	0.00755	0.04245	0.04312	1.10E-04	3.01E-06	3.05E-06	2.75E-05	2.78E-05	1.7120E-04
606269.72	4201778.05	8411.79631	0.00646	0.00642	0.03887	0.03968	7.29E-05	2.58E-06	2.60E-06	2.52E-05	2.56E-05	1.2889E-04
606270.87	4201576.12	12311.31883	0.00721	0.00722	0.04047	0.04114	1.07E-04	2.88E-06	2.92E-06	2.62E-05	2.65E-05	1.6531E-04
606272.88	4201439.62	17439.72439	0.00761	0.00768	0.03897	0.03955	1.51E-04	3.04E-06	3.11E-06	2.52E-05	2.55E-05	2.0813E-04
606275.48	4201489.01	12571.75706	0.00663	0.00666	0.03611	0.03667	1.09E-04	2.65E-06	2.69E-06	2.34E-05	2.37E-05	1.6140E-04
606276.42	4201759.93	8843.90146	0.00659	0.00655	0.03943	0.04024	7.67E-05	2.63E-06	2.65E-06	2.55E-05	2.60E-05	1.3346E-04
606279.84	4201522.43	11688.75524	0.00662	0.00664	0.03671	0.03731	1.01E-04	2.64E-06	2.69E-06	2.38E-05	2.41E-05	1.5453E-04
606289.5	4201742.98	9533.33659	0.00683	0.00678	0.04052	0.04134	8.27E-05	2.73E-06	2.74E-06	2.62E-05	2.67E-05	1.4105E-04
606291.38	4201574.55	12384.70511	0.0072	0.00721	0.04034	0.04103	1.07E-04	2.87E-06	2.92E-06	2.61E-05	2.65E-05	1.6578E-04
606292.47	4201438.92	18854.39101	0.00786	0.00792	0.0401	0.04072	1.64E-04	3.14E-06	3.20E-06	2.60E-05	2.63E-05	2.2208E-04
606293.82	4201678.82	11758.17113	0.0074	0.00737	0.04307	0.04383	1.02E-04	2.95E-06	2.98E-06	2.79E-05	2.83E-05	1.6406E-04
606297.28	4201490.95	13303.64023	0.00682	0.00685	0.03708	0.03767	1.15E-04	2.72E-06	2.77E-06	2.40E-05	2.43E-05	1.6917E-04
606298.76	4201611.71	13360.92417	0.0077	0.0077	0.04332	0.04403	1.16E-04	3.07E-06	3.11E-06	2.81E-05	2.84E-05	1.7851E-04
606300.16	4201729.9	10184.25059	0.00704	0.007	0.04152	0.04235	8.83E-05	2.81E-06	2.83E-06	2.69E-05	2.73E-05	1.4816E-04
606304.54	4201523.88	12232.98812	0.00674	0.00676	0.03736	0.03798	1.06E-04	2.69E-06	2.73E-06	2.42E-05	2.45E-05	1.6020E-04
606309.88	4201659.06	13087.29814	0.00782	0.00781	0.04472	0.04548	1.13E-04	3.12E-06	3.16E-06	2.90E-05	2.93E-05	1.7807E-04
606312.67	4201570.6	12510.43395	0.0072	0.0072	0.04018	0.04088	1.08E-04	2.87E-06	2.91E-06	2.60E-05	2.64E-05	1.6666E-04
606314.81	4201788.73	9867.48249	0.00723	0.00717	0.0427	0.04361	8.56E-05	2.89E-06	2.90E-06	2.77E-05	2.81E-05	1.4714E-04
606315.23	4201638.06	13744.87582	0.00796	0.00796	0.04495	0.04571	1.19E-04	3.18E-06	3.22E-06	2.91E-05	2.95E-05	1.8418E-04
606315.55	4201437.87	20864.09914	0.00819	0.00825	0.04159	0.04225	1.81E-04	3.27E-06	3.34E-06	2.69E-05	2.72E-05	2.4172E-04
606319.56	4201491.43	14214.65962	0.00705	0.00708	0.03815	0.03876	1.23E-04	2.82E-06	2.86E-06	2.47E-05	2.50E-05	1.7865E-04
606323.91	4201523.4	12714.20612	0.00683	0.00684	0.03781	0.03844	1.10E-04	2.73E-06	2.77E-06	2.45E-05	2.48E-05	1.6503E-04
606326.76	4201698.59	12466.01552	0.00774	0.00771	0.04489	0.04571	1.08E-04	3.09E-06	3.12E-06	2.91E-05	2.95E-05	1.7287E-04
606330.59	4201761.12	10731.99118	0.00746	0.00741	0.04373	0.04463	9.31E-05	2.98E-06	3.00E-06	2.83E-05	2.88E-05	1.5615E-04
606330.81	4201577.7	13026.91665	0.00737	0.00737	0.04113	0.04186	1.13E-04	2.94E-06	2.98E-06	2.66E-05	2.70E-05	1.7253E-04
606336.02	4201492.4	14888.90152	0.00721	0.00724	0.03893	0.03957	1.29E-04	2.88E-06	2.93E-06	2.52E-05	2.55E-05	1.8566E-04
606336.54	4201438.57	22678.14014	0.00846	0.00852	0.04294	0.04363	1.97E-04	3.38E-06	3.45E-06	2.78E-05	2.81E-05	2.5944E-04
606339.11	4201680.06	13802.48672	0.00824	0.00822	0.0468	0.04761	1.20E-04	3.29E-06	3.33E-06	3.03E-05	3.07E-05	1.8732E-04
606346.36	4201775.32	11212.03558	0.00773	0.00768	0.04534	0.04629	9.72E-05	3.09E-06	3.11E-06	2.94E-05	2.99E-05	1.6264E-04
606348.13	4201523.88	13511.52021	0.00701	0.00703	0.03872	0.03937	1.17E-04	2.80E-06	2.84E-06	2.51E-05	2.54E-05	1.7328E-04
606348.58	4201660.71	14939.85662	0.00854	0.00855	0.04773	0.04853	1.30E-04	3.41E-06	3.46E-06	3.09E-05	3.13E-05	1.9864E-04
606356.48	4201437.17	25309.07646	0.00883	0.00889	0.04455	0.04527	2.19E-04	3.53E-06	3.60E-06	2.89E-05	2.92E-05	2.8465E-04
606356.84	4201575.34	13296.52689	0.00739	0.00739	0.04115	0.04189	1.15E-04	2.95E-06	2.99E-06	2.66E-05	2.70E-05	1.7491E-04
606357.23	4201635.59	15073.42938	0.00828	0.00827	0.0464	0.04722	1.31E-04	3.31E-06	3.35E-06	3.00E-05	3.05E-05	1.9787E-04
606357.41	4201787.15	11651.50068	0.00795	0.0079	0.04682	0.04777	1.01E-04	3.17E-06	3.20E-06	3.03E-05	3.08E-05	1.6854E-04
606361.21	4201490.46	16378.54437	0.00754	0.00757	0.04041	0.04109	1.42E-04	3.01E-06	3.06E-06	2.62E-05	2.65E-05	2.0078E-04
606365.08	4201531.15	13884.70412	0.00714	0.00715	0.03945	0.04012	1.20E-04	2.85E-06	2.89E-06	2.55E-05	2.59E-05	1.7758E-04
606373.59	4201720.63	13875.51467	0.00838	0.00834	0.04834	0.04926	1.20E-04	3.35E-06	3.37E-06	3.13E-05	3.18E-05	1.9012E-04
606374.98	4201580.86	13704.98394	0.00752	0.00751	0.04179	0.04256	1.19E-04	3.00E-06	3.04E-06	2.71E-05	2.74E-05	1.7940E-04
606381.66	4201440.67	27457.83147	0.00913	0.00918	0.04611	0.04688	2.38E-04	3.65E-06	3.71E-06	2.99E-05	3.02E-05	3.0557E-04
606383.49	4201491.43	17663.17448	0.00782	0.00784	0.04172	0.04244	1.53E-04	3.12E-06	3.17E-06	2.70E-05	2.74E-05	2.1386E-04
606386.35	4201698.4	15467.7642	0.00883	0.00883	0.05021	0.05112	1.34E-04	3.53E-06	3.57E-06	3.25E-05	3.30E-05	2.0672E-04
606388.41	4201737.51	13952.64196	0.00852	0.00848	0.04926	0.05022	1.21E-04	3.40E-06	3.43E-06	3.19E-05	3.24E-05	1.9212E-04
606388.82	4201528.24	15232.65352	0.00746	0.00746	0.04086	0.04158	1.32E-04	2.98E-06	3.02E-06	2.65E-05	2.68E-05	1.9137E-04
606396.28	4201577.7	13923.30937	0.00745	0.00744	0.04156	0.04232	1.21E-04	2.97E-06	3.01E-06	2.69E-05	2.73E-05	1.8094E-04
606400.2	4201441.37	29883.61596	0.00942	0.00947	0.0475	0.04831	2.59E-04	3.76E-06	3.83E-06	3.08E-05	3.12E-05	3.2866E-04
606400.76	4201753.16	14015.14723	0.00864	0.00861	0.05016	0.05117	1.22E-04	3.45E-06	3.48E-06	3.25E-05	3.30E-05	1.9396E-04
606400.88	4201682.12	16284.84005	0.00903	0.00903	0.05074	0.05167	1.41E-04	3.61E-06	3.65E-06	3.29E-05	3.33E-05	2.1467E-04
606403.83	4201491.43	19201.59771	0.00813	0.00815	0.04317	0.04393	1.67E-04	3.25E-06	3.30E-06	2.80E-05	2.83E-05	2.2935E-04
606409.52	4201629	15607.4981	0.0084	0.00836	0.04646	0.04737	1.35E-04	3.35E-06	3.38E-06	3.01E-05	3.06E-05	2.0272E-04
606409.64	4201527.76	16482.87458	0.00774	0.00774	0.04215	0.04291	1.43E-04	3.09E-06	3.13E-06	2.73E-05	2.77E-05	2.0413E-04
606411.88	4201772.51	14090.94243	0.00879	0.00875	0.05141	0.05245	1.22E-04	3.51E-06	3.54E-06	3.33E-05	3.38E-05	1.9637E-04
606415.59	4201718.16	16122.62654	0.00914	0.00913	0.05233	0.05333	1.40E-04	3.65E-06	3.69E-06	3.39E-05	3.44E-05	2.1544E-04
606415.7	4201656.59	15922.42719	0.00868	0.00864	0.0482	0.04914	1.38E-04	3.47E-06	3.49E-06	3.12E-05	3.17E-05	2.0795E-04
606417.34	4201441.37	32296.65565	0.00966	0.00971	0.04868	0.04951	2.80E-04	3.86E-06	3.93E-06	3.15E-05	3.19E-05	3.5132E-04
606421.52	4201578.49	15010.52428	0.00771	0.00769	0.0428	0.0436	1.30E-04	3.08E-06	3.11E-06	2.77E-05	2.81E-05	1.9220E-04
606425.14	4201492.89	20878.80795	0.00845	0.00846	0.04467	0.04547	1.81E-04	3.37E-06	3.42E-06	2.89E-05	2.93E-05	2.4611E-04
606430	4201786.92	14582.53451	0.00911	0.00907	0.05352	0.0546	1.26E-04	3.64E-06	3.67E-06	3.47E-05	3.52E-05	2.0364E-04
606431.64	4201748.04	15688.59548	0.00924	0.00921	0.05344	0.05451	1.36E-04	3.69E-06	3.73E-06	3.46E-05	3.52E-05	2.1323E-04
606431.92	4201532.6	17689.25388	0.00801	0.00801	0.04351	0.04431	1.53E-04	3.20E-06	3.24E-06	2.82E-05	2.86E-05	2.1660E-04
606433.4	4201693.65	16572.44816	0.00911	0.00907	0.05109	0.0521	1.44E-04	3.64E-06	3.67E-06	3.31E-05	3.36E-05	2.1771E-04
606441.24	4201580.07	16245.26058	0.00806	0.00803	0.04432	0.04517	1.41E-04	3.22E-06	3.25E-06	2.87E-05	2.91E-05	2.0518E-04
606444.62	4201444.87	36153.61329	0.01007	0.01011	0.05069	0.05157	3.14E-04	4.02E-06	4.09E-06	3.28E-05	3.33E-05	3.8772E-04
606447.91	4201503.06	21929.7306	0.00868	0.00868	0.04594	0.04678	1.90E-04	3.47E-06	3.51E-06	2.98E-05	3.02E-05	2.5707E-04
606453.07	4201608.46	16297.49012	0.00837	0.00832	0.04583	0.04674	1.41E-04	3.34E-06	3.37E-06	2.97E-05	3.01E-05	2.0786E-04
606454.65	4201658.94	15995.93019	0.00881	0.00875	0.04812	0.04912	1.39E-04	3.52E-06	3.54E-06	3.12E-05	3.17E-05	2.0862E-04
606455.43	4201631.34	15811.65052	0.00847	0.00841	0.04636	0.04729	1.37E-04	3.38E-06	3.40E-06	3.00E-05	3.05E-05	2.0443E-04
606456.22	4201751.23	16836.50983	0.00961	0.00957	0.05545	0.05658	1.46E-04	3.84E-06	3.87E-06	3.59E-05	3.65E-05	2.2612E-04
606459.38	4201686.55	16503.94024	0.00916	0.0091	0.05034	0.05139	1.43E-04	3.66E-06	3.68E-06	3.26E-05	3.31E-05	2.1621E-04
606459.53	4201534.54	19970.74609	0.00849	0.00848	0.04567	0.04653	1.73E-04	3.39E-06	3.43E-06	2.96E-05	3.00E-05	2.3959E-04
606461.74	4201579.28	17576.80493	0.00835	0.00832	0.04559	0.04648	1.52E-04	3.33E-06	3.37E-06	2.95E-05	3.00E-05	2.1863E-04
606474	4201459.56	37242.64527	0.0103	0.01033	0.05236	0.05327	3.23E-04	4.11E-06	4.18E-06	3.39E-05	3.44E-05	3.9953E-04
606498.84	4201448.36	52946.79815	0.01164	0.0117	0.0564	0.05731	4.59E-04	4.65E-06	4.73E-06	3.65E-05	3.70E-05	5.4203E-04
606507.25	4201499.81	31391.73102	0.00982	0.00981	0.051	0.05195	2.72E-04	3.92E-06	3.97E-06	3.30E-05	3.35E-05	3.4665E-04
606508.65	4201695.39	16835.92764	0.00936	0.0093	0.0506	0.05171	1.46E-04	3.74E-06	3.76E-06	3.28E-05	3.34E-05	2.1962E-04
606508.93	4201744.7	17737.81886	0.00995	0.00989	0.05549	0.05671	1.54E-04	3.97E-06	4.00E-06	3.59E-05	3.66E-05	2.3431E-04
606509	4201630.66	17702.36969	0.00869	0.00861	0.04735	0.0483	1.54E-04	3.47E-06	3.48E-06	3.07E-05	3.12E-05	2.2228E-04
606510.05	4201608.27	19197.72162	0.00882	0.00875	0.04775	0.0487	1.66E-04	3.52E-06	3.54E-06	3.09E-05	3.14E-05	2.3588E-04
606510.05	4201720.93	17461.69884	0.00973	0.00968	0.05329	0.05449	1.51E-04	3.89E-06	3.92E-06	3.45E-05	3.51E-05	2.2888E-04
606511.8	4201676.15	16604.45639	0.00902	0.00895	0.04883	0.04987	1.44E-04	3.60E-06	3.62E-06	3.16E-05	3.22E-05	2.1500E-04
606512.15	4201523.95	28482.91655	0.00966	0.00963	0.05062	0.05158	2.47E-04	3.86E-06	3.90E-06	3.28E-05	3.33E-05	3.2081E-04
606512.15	4201589.73	20736.87346	0.00896	0.00889	0.04819	0.04913	1.80E-04	3.58E-06	3.60E-06	3.12E-05	3.17E-05	2.4990E-04
606512.5	4201654.8	16885.08105	0.00875	0.00867	0.04771	0.04869	1.46E-04	3.49E-06	3.51E-06	3.09E-05	3.14E-05	2.1573E-04
606513.2	4201565.24	23167.0081	0.0092	0.00914	0.04898	0.04994	2.01E-04	3.67E-06	3.70E-06	3.17E-05	3.22E-05	2.7220E-04
606516.35	4201548.09	25813.78782	0.00949	0.00944	0.05005	0.05102	2.24E-04	3.79E-06	3.82E-06	3.24E-05	3.29E-05	2.9678E-04
606518.78	4201441.37	71349.77485	0.01217	0.01224	0.05821	0.05911	6.19E-04	4.86E-06	4.95E-06	3.77E-05	3.81E-05	7.0438E-04
606541.86	4201562.62	99543.55207	0.0125	0.01257	0.06004	0.06098	8.63E-04	4.99E-06	5.08E-06	3.89E-05	3.93E-05	9.5154E-04
606547.14	4201545.99	32924.22231	0.0103	0.01024	0.0534	0.05445	2.86E-04	4.11E-06	4.14E-06	3.46E-05	3.51E-05	3.6348E-04
606547.49	4201643.96	20356.21866	0.00937	0.0093	0.05025	0.05128	1.77E-04	3.74E-06	3.76E-06	3.25E-05	3.31E-05	2.4965E-04
606549.59	4201682.79	18158.83969	0.0092	0.00915	0.05031	0.05138	1.57E-04	3.67E-06	3.70E-06	3.26E-05	3.31E-05	2.3057E-04
606549.94	4201527.45	38424.26569	0.01062	0.01058	0.05473	0.05581	3.33E-04	4.24E-06	4.28E-06	3.54E-05	3.60E-05	4.1318E-04
606550.58	4201746.15	18574.01362	0.01023	0.01017	0.05633	0.05766	1.61E-04	4.08E-06	4.11E-06	3.65E-05	3.72E-05	2.4294E-04
606550.64	4201723.38	17742.99523	0.00968	0.00964	0.05302	0.05422	1.54E-04	3.87E-06	3.90E-06	3.43E-05	3.50E-05	2.3094E-04
606550.64	4201703.09	17637.24545	0.00932	0.00928	0.05116	0.05228	1.53E-04	3.72E-06	3.75E-06	3.31E-05	3.37E-05	2.2728E-04
606551.69	4201619.47	22832.89184	0.00961	0.00953	0.0509	0.05193	1.98E-04	3.84E-06	3.86E-06	3.30E-05	3.35E-05	2.7216E-04
606552.74	4201663.55	19552.02708	0.00937	0.0093	0.0506	0.05166	1.70E-04	3.74E-06	3.76E-06	3.28E-05	3.33E-05	2.4315E-04
606553.44	4201490.71	55687.74633	0.01129	0.01127	0.0574	0.05847	4.83E-04	4.51E-06	4.56E-06	3.72E-05	3.77E-05	5.6688E-04
606554.49	4201509.26	46786.8227	0.01102	0.01099	0.05639	0.05747	4.06E-04	4.40E-06	4.45E-06	3.65E-05	3.71E-05	4.8817E-04
606562.5	4201446.27	142873.7817	0.0129	0.01297	0.06179	0.06276	1.24E-03	5.15E-06	5.25E-06	4.00E-05	4.05E-05	1.3299E-03
606564.63	4201574.33	31481.75848	0.01045	0.01037	0.05401	0.0551	2.73E-04	4.17E-06	4.19E-06	3.50E-05	3.55E-05	3.5189E-04
606575.48	4201609.67	27575.50779	0.0103	0.01022	0.05359	0.05469	2.39E-04	4.11E-06	4.13E-06	3.47E-05	3.53E-05	3.1736E-04
606580.34	4201444.87	182858.0868	0.01328	0.01335	0.06337	0.06438	1.59E-03	5.30E-06	5.40E-06	4.10E-05	4.15E-05	1.6790E-03
606590.52	4201574.68	38256.87333	0.01124	0.01116	0.05743	0.05862	3.32E-04	4.49E-06	4.51E-06	3.72E-05	3.78E-05	4.1577E-04
606596.82	4201614.57	30878.83966	0.01086	0.01079	0.05609	0.05727	2.68E-04	4.34E-06	4.36E-06	3.63E-05	3.69E-05	3.4974E-04

606598.88	4201448.01	199360.5718	0.01365	0.01371	0.0651	0.06617	1.73E-03	5.45E-06	5.55E-06	4.22E-05	4.27E-05	1.8247E-03
606600.26	4201679.16	23514.37277	0.0103	0.01025	0.05543	0.05662	2.04E-04	4.11E-06	4.15E-06	3.59E-05	3.65E-05	2.8459E-04
606600.47	4201735.01	20954.33111	0.01061	0.01053	0.05803	0.05938	1.82E-04	4.24E-06	4.26E-06	3.76E-05	3.83E-05	2.6609E-04
606601.43	4201696.27	22406.37282	0.01027	0.01022	0.05582	0.05704	1.94E-04	4.10E-06	4.13E-06	3.61E-05	3.68E-05	2.7548E-04
606602.4	4201753.42	20930.15877	0.01097	0.01088	0.06001	0.06146	1.82E-04	4.38E-06	4.40E-06	3.89E-05	3.96E-05	2.6879E-04
606602.68	4201659.79	25575.78404	0.01048	0.01043	0.05563	0.05681	2.22E-04	4.18E-06	4.22E-06	3.60E-05	3.66E-05	3.0286E-04
606602.79	4201495.6	89422.93015	0.01269	0.01267	0.06359	0.06477	7.75E-04	5.07E-06	5.13E-06	4.12E-05	4.18E-05	8.6863E-04
606603.37	4201715.64	21670.32891	0.01041	0.01035	0.05687	0.05815	1.88E-04	4.16E-06	4.19E-06	3.68E-05	3.75E-05	2.7060E-04
606603.82	4201511.7	74226.10339	0.01248	0.01244	0.06293	0.06413	6.44E-04	4.98E-06	5.03E-06	4.08E-05	4.14E-05	7.3582E-04
606608.37	4201529.55	64414.24172	0.01242	0.01236	0.06286	0.06411	5.59E-04	4.96E-06	5.00E-06	4.07E-05	4.13E-05	6.5062E-04
606609.77	4201546.69	55879.03432	0.01227	0.0122	0.06229	0.06357	4.85E-04	4.90E-06	4.94E-06	4.03E-05	4.10E-05	5.7576E-04
606614.31	4201618.42	33790.86528	0.01133	0.01127	0.05832	0.05958	2.93E-04	4.52E-06	4.56E-06	3.78E-05	3.84E-05	3.7831E-04
606618.46	4201447.31	228297.8736	0.01408	0.01415	0.06699	0.06811	1.98E-03	5.62E-06	5.72E-06	4.34E-05	4.39E-05	2.0785E-03
606634.55	4201446.27	252525.6877	0.01449	0.01455	0.06864	0.06982	2.19E-03	5.79E-06	5.89E-06	4.45E-05	4.50E-05	2.2911E-03
606636.58	4201680.62	28340.73777	0.01135	0.01127	0.06022	0.06157	2.46E-04	4.53E-06	4.56E-06	3.90E-05	3.97E-05	3.3357E-04
606636.61	4201495.6	114586.4586	0.01369	0.01367	0.06785	0.06911	9.94E-04	5.47E-06	5.53E-06	4.39E-05	4.46E-05	1.0932E-03
606637.41	4201622.62	38020.95397	0.012	0.01193	0.06161	0.06297	3.30E-04	4.79E-06	4.83E-06	3.99E-05	4.06E-05	4.1985E-04
606637.54	4201662.7	30757.10908	0.01151	0.01144	0.06045	0.0618	2.67E-04	4.60E-06	4.63E-06	3.91E-05	3.99E-05	3.5496E-04
606638.46	4201547.04	67908.1439	0.01314	0.01308	0.06648	0.06784	5.89E-04	5.25E-06	5.29E-06	4.31E-05	4.38E-05	6.8625E-04
606638.81	4201564.89	59306.68589	0.01301	0.01295	0.0662	0.0676	5.14E-04	5.19E-06	5.24E-06	4.29E-05	4.36E-05	6.1121E-04
606640.21	4201512.75	95408.23801	0.01357	0.01353	0.06774	0.06904	8.27E-04	5.42E-06	5.47E-06	4.39E-05	4.45E-05	9.2667E-04
606640.21	4201583.08	52439.41377	0.01289	0.01281	0.06583	0.06726	4.55E-04	5.15E-06	5.18E-06	4.26E-05	4.34E-05	5.5110E-04
606640.56	4201604.42	44290.59045	0.01249	0.01242	0.06379	0.0652	3.84E-04	4.99E-06	5.02E-06	4.13E-05	4.21E-05	4.7746E-04
606641.63	4201699.66	27153.03848	0.01148	0.01138	0.06124	0.06263	2.35E-04	4.58E-06	4.60E-06	3.97E-05	4.04E-05	3.2471E-04
606645.02	4201715.16	26294.98591	0.01162	0.01152	0.06217	0.06362	2.28E-04	4.64E-06	4.66E-06	4.03E-05	4.10E-05	3.1862E-04
606646.47	4201734.05	25177.32901	0.01178	0.01166	0.06319	0.0647	2.18E-04	4.70E-06	4.72E-06	4.09E-05	4.17E-05	3.1041E-04
606650.35	4201752.93	24582.63522	0.01208	0.01196	0.0649	0.06649	2.13E-04	4.82E-06	4.84E-06	4.20E-05	4.29E-05	3.0776E-04
606654.84	4201448.01	265776.7303	0.01502	0.01507	0.07097	0.07221	2.30E-03	6.00E-06	6.10E-06	4.60E-05	4.66E-05	2.4095E-03
606671.98	4201445.92	299776.3236	0.01554	0.01559	0.07308	0.07439	2.60E-03	6.21E-06	6.31E-06	4.73E-05	4.80E-05	2.7075E-03
606684.37	4201668.7	38007.89947	0.01316	0.01303	0.06793	0.06954	3.30E-04	5.25E-06	5.27E-06	4.40E-05	4.48E-05	4.2897E-04
606684.48	4201614.96	53160.00405	0.01398	0.01387	0.07148	0.07312	4.61E-04	5.58E-06	5.61E-06	4.63E-05	4.72E-05	5.6565E-04
606688.39	4201702.89	33170.14325	0.01311	0.01298	0.06831	0.06997	2.88E-04	5.23E-06	5.25E-06	4.42E-05	4.51E-05	3.8750E-04
606689.81	4201512.79	122515.4339	0.01528	0.01525	0.07496	0.07643	1.06E-03	6.10E-06	6.17E-06	4.85E-05	4.93E-05	1.1726E-03
606689.81	4201589.3	64135.02882	0.01437	0.01427	0.07287	0.07449	5.56E-04	5.74E-06	5.77E-06	4.72E-05	4.80E-05	6.6293E-04
606689.82	4201446.96	312338.3562	0.01611	0.01616	0.07546	0.07686	2.71E-03	6.43E-06	6.54E-06	4.89E-05	4.96E-05	2.8200E-03
606690.08	4201496.69	147431.32	0.01551	0.0155	0.07544	0.07689	1.28E-03	6.19E-06	6.27E-06	4.89E-05	4.96E-05	1.3894E-03
606690.29	4201532.16	100925.425	0.01492	0.01485	0.0741	0.07561	8.75E-04	5.96E-06	6.01E-06	4.80E-05	4.88E-05	9.8395E-04
606692.23	4201548.14	88252.18446	0.01481	0.01473	0.07401	0.07555	7.65E-04	5.91E-06	5.96E-06	4.79E-05	4.87E-05	8.7386E-04
606692.23	4201569.44	74507.62157	0.01461	0.01452	0.07355	0.07514	6.46E-04	5.83E-06	5.87E-06	4.76E-05	4.85E-05	7.5393E-04
606697.33	4201750.03	28677.42255	0.01314	0.01306	0.06998	0.07175	2.49E-04	5.25E-06	5.28E-06	4.53E-05	4.63E-05	3.5082E-04
606705.15	4201666.69	42327.64035	0.01404	0.0139	0.07189	0.07363	3.67E-04	5.61E-06	5.62E-06	4.66E-05	4.75E-05	4.7234E-04
606709.06	4201446.27	336093.8153	0.01684	0.01686	0.07823	0.07967	2.91E-03	6.72E-06	6.82E-06	5.07E-05	5.14E-05	3.0302E-03
606709.18	4201615.93	58378.88353	0.01482	0.01469	0.0752	0.07695	5.06E-04	5.92E-06	5.94E-06	4.87E-05	4.96E-05	6.1645E-04
606709.84	4201695.52	37214.04115	0.01388	0.01375	0.07165	0.07342	3.23E-04	5.54E-06	5.56E-06	4.64E-05	4.74E-05	4.2758E-04
606718.86	4201551.04	95242.38151	0.0157	0.01559	0.0778	0.07947	8.26E-04	6.27E-06	6.31E-06	5.04E-05	5.13E-05	9.4016E-04
606720.09	4201748.57	305226.60228	0.01349	0.01345	0.0722	0.07406	2.65E-04	5.39E-06	5.44E-06	4.68E-05	4.78E-05	3.7008E-04
606720.31	4201572.83	81597.47812	0.01563	0.01551	0.07812	0.07985	7.08E-04	6.24E-06	6.27E-06	5.06E-05	5.15E-05	8.2222E-04
606723.22	4201511.82	139414.8477	0.01644	0.01639	0.07992	0.08155	1.21E-03	6.56E-06	6.63E-06	5.18E-05	5.26E-05	1.3266E-03
606724.19	4201533.13	113285.7805	0.01618	0.01609	0.07937	0.08103	9.82E-04	6.46E-06	6.51E-06	5.14E-05	5.23E-05	1.0991E-03
606725.93	4201665.35	46157.38219	0.01482	0.01468	0.07542	0.07728	4.00E-04	5.92E-06	5.94E-06	4.88E-05	4.98E-05	5.1082E-04
606728.64	4201447.31	347847.084	0.01759	0.01761	0.0813	0.08289	3.02E-03	7.02E-06	7.12E-06	5.26E-05	5.35E-05	3.1368E-03
606730.46	4201491.23	185005.4011	0.01714	0.0171	0.08188	0.08349	1.60E-03	6.84E-06	6.92E-06	5.30E-05	5.38E-05	1.7250E-03
606733.87	4201616.9	63609.77664	0.01576	0.01561	0.07934	0.08122	5.52E-04	6.29E-06	6.31E-06	5.14E-05	5.24E-05	6.6800E-04
606739.34	4201697.53	40433.31073	0.01468	0.0146	0.07565	0.07756	3.51E-04	5.86E-06	5.91E-06	4.90E-05	5.00E-05	4.6142E-04
606745.08	4201446.96	360013.2929	0.0182	0.01819	0.08381	0.08552	3.12E-03	7.27E-06	7.36E-06	5.43E-05	5.52E-05	3.2461E-03
606748.4	4201588.33	82107.93783	0.01684	0.01671	0.08424	0.08616	7.12E-04	6.72E-06	6.76E-06	5.46E-05	5.56E-05	8.3565E-04
606749.39	4201666.02	49494.19653	0.01558	0.01546	0.07895	0.08094	4.29E-04	6.22E-06	6.25E-06	5.11E-05	5.22E-05	5.4502E-04
606749.63	4201747.12	32108.97659	0.01342	0.01347	0.07386	0.07576	2.78E-04	5.36E-06	5.45E-06	4.78E-05	4.89E-05	3.8595E-04
606760.02	4201616.9	69869.36066	0.01687	0.01672	0.08463	0.08667	6.06E-04	6.74E-06	6.76E-06	5.48E-05	5.59E-05	7.3012E-04
606763.47	4201701.55	42094.80945	0.01508	0.01506	0.07847	0.08049	3.65E-04	6.02E-06	6.09E-06	5.08E-05	5.19E-05	4.7989E-04
606764.67	4201449.41	355919.0406	0.01893	0.01891	0.08704	0.08887	3.09E-03	7.56E-06	7.65E-06	5.64E-05	5.73E-05	3.2154E-03
606772.85	4201664.68	53113.55001	0.01629	0.01621	0.0825	0.08465	4.61E-04	6.50E-06	6.56E-06	5.34E-05	5.46E-05	5.8169E-04
606773.36	4201751.96	32235.35067	0.01284	0.01296	0.07486	0.07681	2.80E-04	5.13E-06	5.24E-06	4.85E-05	4.95E-05	3.8793E-04
606774.54	4201498.02	196555.8382	0.01902	0.01894	0.0899	0.09192	1.70E-03	7.59E-06	7.66E-06	5.82E-05	5.93E-05	1.8373E-03
606774.54	4201515.11	159037.2233	0.01861	0.0185	0.08917	0.09104	1.38E-03	7.43E-06	7.48E-06	5.77E-05	5.87E-05	1.5106E-03
606776.24	4201532.76	132368.0039	0.01832	0.0182	0.08844	0.09047	1.15E-03	7.32E-06	7.36E-06	5.73E-05	5.83E-05	1.2782E-03
606777.77	4201572.87	100780.0987	0.01823	0.0181	0.09019	0.09215	8.74E-04	7.28E-06	7.32E-06	5.84E-05	5.94E-05	1.0064E-03
606781.11	4201450.46	356180.3973	0.01957	0.01953	0.08984	0.09172	3.09E-03	7.81E-06	7.90E-06	5.82E-05	5.92E-05	3.2219E-03
606781.63	4201550.27	119268.361	0.01852	0.0184	0.09031	0.09236	1.03E-03	7.40E-06	7.44E-06	5.85E-05	5.96E-05	1.1672E-03
606784.71	4201619.32	73347.95138	0.01774	0.01762	0.08868	0.0909	6.36E-04	7.08E-06	7.13E-06	5.74E-05	5.86E-05	7.6634E-04
606788.27	4201705.57	43465.68383	0.01526	0.01532	0.08129	0.08342	3.77E-04	6.09E-06	6.20E-06	5.26E-05	5.38E-05	4.9567E-04
606796.31	4201667.36	55276.97458	0.0168	0.0168	0.08589	0.08817	4.79E-04	6.71E-06	6.80E-06	5.56E-05	5.69E-05	6.0536E-04
606800	4201757.78	33074.73271	0.01253	0.01266	0.07786	0.07992	2.87E-04	5.00E-06	5.12E-06	5.04E-05	5.15E-05	3.9892E-04
606800.7	4201451.51	357814.5488	0.02041	0.02034	0.09344	0.09542	3.10E-03	8.15E-06	8.23E-06	6.05E-05	6.15E-05	3.2444E-03
606805.3	4201504.85	193557.1879	0.02039	0.02027	0.09626	0.09848	1.68E-03	8.14E-06	8.20E-06	6.23E-05	6.35E-05	1.8207E-03
606806.99	4201621.74	75664.6308	0.01843	0.01835	0.09211	0.09451	6.56E-04	7.36E-06	7.42E-06	5.96E-05	6.10E-05	7.9155E-04
606808.1	4201568.11	111942.0589	0.0196	0.01948	0.09624	0.09848	9.71E-04	7.83E-06	7.88E-06	6.23E-05	6.35E-05	1.1123E-03
606815.75	4201713.62	44155.19267	0.01522	0.01534	0.08487	0.08717	3.83E-04	6.08E-06	6.21E-06	5.50E-05	5.62E-05	5.0638E-04
606818.19	4201452.56	358629.0311	0.02123	0.02115	0.0969	0.09899	3.11E-03	8.48E-06	8.56E-06	6.28E-05	6.38E-05	3.2537E-03
606818.4	4201543.59	138715.728	0.02051	0.0204	0.09873	0.10106	1.20E-03	8.19E-06	8.25E-06	6.39E-05	6.52E-05	1.3485E-03
606820.45	4201672.06	56664.02832	0.01715	0.01722	0.08953	0.09198	4.91E-04	6.85E-06	6.97E-06	5.80E-05	5.93E-05	6.2251E-04
606822.76	4201767.46	33472.03817	0.01251	0.01257	0.08146	0.0837	2.90E-04	5.00E-06	5.08E-06	5.28E-05	5.40E-05	4.0709E-04
606823.52	4201500.3	208029.5003	0.02134	0.02122	0.10016	0.10247	1.80E-03	8.52E-06	8.58E-06	6.49E-05	6.61E-05	1.9521E-03
606827.42	4201586.84	100264.7873	0.01998	0.01991	0.099	0.10153	8.70E-04	7.98E-06	8.05E-06	6.41E-05	6.55E-05	1.0151E-03
606829.21	4201623.71	77833.30559	0.01905	0.01903	0.09568	0.09827	6.75E-04	7.61E-06	7.70E-06	6.20E-05	6.34E-05	8.1562E-04
606836.03	4201452.56	365167.5423	0.02215	0.02204	0.1006	0.10286	3.17E-03	8.84E-06	8.92E-06	6.51E-05	6.63E-05	3.3160E-03
606838.55	4201678.09	56885.91978	0.01726	0.01738	0.09249	0.09507	4.93E-04	6.89E-06	7.03E-06	5.99E-05	6.13E-05	6.2845E-04
606839.22	4201718.98	45227.09681	0.01533	0.01546	0.08889	0.09137	3.92E-04	6.12E-06	6.25E-06	5.76E-05	5.89E-05	5.2108E-04
606840.61	4201535.61	154298.5081	0.02169	0.02159	0.10369	0.10628	1.34E-03	8.66E-06	8.73E-06	6.71E-05	6.85E-05	1.4912E-03
606848.02	4201501.43	213053.555	0.02261	0.02249	0.10582	0.10834	1.85E-03	9.03E-06	9.10E-06	6.85E-05	6.99E-05	2.0041E-03
606848.84	4201591.3	100460.167	0.02064	0.02062	0.10272	0.10548	8.71E-04	8.24E-06	8.34E-06	6.65E-05	6.80E-05	1.0223E-03
606849.73	4201627.88	78463.5585	0.01946	0.01951	0.09904	0.10181	6.80E-04	7.77E-06	7.89E-06	6.41E-05	6.57E-05	8.2590E-04
606852.3	4201771.34	35154.42422	0.01303	0.013	0.0869	0.08937	3.05E-04	5.20E-06	5.26E-06	5.63E-05	5.76E-05	4.2924E-04
606854.57	4201452.21	375235.5152	0.02321	0.02309	0.10489	0.10726	3.25E-03	9.27E-06	9.34E-06	6.79E-05	6.92E-05	3.4098E-03
606859.41	4201535.04	159191.4853	0.02261	0.02254	0.10807	0.11089	1.38E-03	9.03E-06	9.12E-06	7.00E-05	7.15E-05	1.5402E-03
606861.34	4201681.44	58680.85995	0.01763	0.01778	0.09735	0.10014	5.09E-04	7.04E-06	7.19E-06	6.30E-05	6.46E-05	6.5074E-04
606866.7	4201722.33	47004.87163	0.01571	0.01579	0.09424	0.09694	4.08E-04	6.27E-06	6.39E-06	6.10E-05	6.25E-05	5.4384E-04
606867.39	4201504.28	212764.5174	0.02362	0.02351	0.11068	0.1134	1.85E-03	9.43E-06	9.51E-06	7.17E-05	7.31E-05	2.0089E-03
606867.57	4201584.76	107950.288	0.02147	0.02149	0.10694	0.10989	9.36E-04	8.57E-06	8.69E-06	6.93E-05	7.09E-05	1.0935E-03
606873.22	4201634.72	78482.39328	0.01983	0.01996	0.10371	0.1067	6.81E-04	7.92E-06	8.07E-06	6.72E-05	6.88E-05	8.3257E-04
606875.9	4201642.56	388461.1957	0.02472	0.02459	0.11081	0.11344	3.37E-03	9.87E-06	9.95E-06	7.18E-05	7.32E-05	3.5335E-03
606876.03	4201770.85	37023.04052	0.01367	0.01364	0.09188	0.09454	3.21E-04	5.46E-06	5.52E-06	5.95E-05	6.10E-05	4.5252E-04
606876.75	4201686.8	59060.37835	0.01785	0.018	0.10108	0.10402	5.12E-04	7.13E-06	7.28E-06	6.55E-05	6.71E-05	6.5913E-04
606879.35	4201540.17	155433.3984	0.02337	0.02333	0.11258	0.11551	1.35E-03	9.33E-06	9.44E-06	7.29E-05	7.45E-05	1.5141E-03
606884.47	4201502.57	220690.4804	0.0246	0.02452	0.11529	0.11818	1.91E-03	9.82E-06	9.92E-06	7.47E-05	7.62E-05	2.0845E-03
606889.49	4201720.32	49814.7915	0.01642	0.01649	0.09988	0.1028	4.32E-04	6.56E-06	6.67E-06	6.47E-05	6.63E-05	5.7621E-04
606891.36	4201599.33	101057.7818	0.02174	0.02186	0.11094	0.11416	8.76E-04	8.68E-06	8.84E-06	7.18E-05	7.36E-05	1.0394E-03
606892.25	4201637.1	81191.71939	0.02046	0.02064	0.11009	0.11336	7.04E-04	8.17E-06	8.35E-06	7.13E-05	7.31E-05	8.6502E-04
606892.34	4201453.96	399301.8456	0.02597	0.02586	0.11619	0.11897	3.46E-03	1.04E-05	1.05E-05	7.52E-05	7.67E-05	3.6356E-03
606897.31	4201583.27	112935.5239	0.02247	0.02259	0.11325	0.11652	9.79E-04	8.97E-06	9.14E-06	7.33E-05	7.51E-05	1.1460E-03
606898.2	4201691.5	60680.79471	0.01839	0.01855	0.10748	0.1107	5.26E-04	7.34E-06	7.50E-06	6.96E-05	7.14E-05	6.8207E-04
606900.73	4201772.79	38735.83903	0.01432	0.01439	0.0979	0.10078	3.36E-04	5.72E-06	5.82E-06	6.34E-05	6.50E-05	4.7586E-04
606902.13	4201544.16	152931.3787	0.02408	0.02411	0.11749	0.12066	1.33E-03	9.62E-06	9.75E-06	7.61E-05	7.78E-05	1.4995E-03
606905.55	4201522.51	187720.2895	0.02523	0.02525	0.12061	0.12391	1.63E-03	1.01E-05	1.02E-05	7.81E-05	7.99E-05	1.8062E-03
606912.96	4201504.85	223129.4391	0.02615	0.02615	0.12379	0.12704	1.93E-03	1.04E-05	1.06E-05	8.02E-05	8.19E-05	2.1181E-03
606914.38	4201456.76	401133.3575	0.02748	0.02739	0.12366	0.12672	3.48E-03	1.10E-05	1.11E-05	8.01E-05	8.17E-05	3.6625E-03
606922.34	4201725.01	51225.13688	0.01687	0.01701	0.10714	0.11035	4.44E-04	6.74E-06	6.88E-06	6.94E-05	7.12E-05	5.9840E-04
606923.68	4201691.5	63985.42216	0.01911	0.01933	0.11582	0.11943	5.55E-04	7.63E-06	7.82E-06	7.50E-05	7.70E-05	7.2237E-04
606925.43	4201770.37	41125.834	0.01485	0.01508	0.10454	0.10767	3.57E-04	5.93E-06	6.10E-06	6.77E-05	6.94E-05	5.0582E-04
606932.92	4201460.96	377579.8617	0.02863	0.0286	0.13048	0.13348	3.27E-03	1.14E-05	1.16E-05	8.43E-05	8.61E-05	3.4678E-03
606935.74	4201641.22	88062.20108	0.02184	0.02215	0.12855	0.13266	7.64E-04	8.72E-06	8.96E-06	8.32E-05	8.56E-05	9.5017E-04
606940.44	4201723.67	53334.44182	0.01731	0.01755	0.11262	0.11609	4.63E-04	6.91E-06	7.10E-06	7.29E-05	7.49E-05	6.2434E-04
606941.11	4201611.06	103950.264	0.02307	0.02338	0.12955	0.13369	9.01E-04	9.21E-06	9.46E-06	8.39E-05	8.62E-05	1.0903E-03
606942.45	4201591.62	115285.3318	0.02372	0.02401	0.12828	0.13234	1.00E-03	9.47E-06	9.71E-06	8.31E-05	8.54E-05	1.1874E-03
606947.14	4201691.5	66505.309	0.01957	0.01988	0.12339	0.12741	5.77E-04	7.81E-06	8.04E-06	7.99E-05	8.22E-05	7.5467E-04
606947.26	4201548.33	151815.559	0.02549	0.02572	0.12883	0.13277	1.32E-03	1.02E-05	1.04E-05	8.34E-05	8.56E-05	1.5062E-03
606948.68	4201774.24	42578.99927	0.01503	0.01541	0.11206	0.11554	3.69E-04	6.00E-06	6.23E-06	7.26E-05	7.45E-05	5.2857E-04
606951.81	4201517.55	203367.0427	0.02766	0.02786	0.13548	0.13944	1.76E-03	1.10E-05	1.13E-05	8.77E-05	8.99E-05	1.9636E-03
606952.5	4201465.5	357242.5507	0.02979	0.02984	0.13756	0.14123	3.10E-03	1.19E-05	1.21E-05	8.91E-05	9.11E-05	3.3022E-03
606957.19	4201638.54	91825.93614	0.02236	0.02273	0.13595	0.1405	7.96E-04	8.93E-06	9.19E-06	8.80E-05	9.06E-05	9.9310E-04
606965.8	4201551.48	151093.5014	0.02597	0.02629	0.13496	0.13925	1.31E-03	1.04E-05	1.06E-05	8.74E-05	8.98E-05	1.5085E-03
606967.25	4201725.68	55033.43092	0.01741	0.01782	0.12065	0.12455	4.77E-04	6.95E-06	7.21E-06	7.81E-05	8.03E-05	6.4987E-04
606969.26	4201597.65	115714.9235	0.02426	0.02465	0.13912	0.14379	1.00E-03	9.69E-06	9.97E-06	9.01E-05	9.27E-05	1.2060E-03
606970	4201519.99	199162.3369	0.02805	0.02834	0.14103	0.14512	1.73E-03	1.12E-05	1.15E-05	9.13E-05	9.36E-05	1.9347E-03
606973.28	4201692.84	68711.2976	0.01986	0.02027	0.13269	0.13725	5.96E-04	7.93E-06	8.20E-06	8.59E-05	8.85E-05	7.8645E-04
606974.19	4201467.6	351995.7256	0.03111	0.03128	0.14665	0.15078	3.05E-03	1.24E-05	1.27E-05	9.50E-05	9.72E-05	3.2698E-03
606981.54	4201556.73	147905.7408	0.02619	0.0266	0.14063	0.14526	1.28E-03	1.05E-05	1.08E-05	9.11E-05	9.37E-05	1.4886E-03
606983.34	4201749.21	94364.92778	0.0228	0.02322	0.14597	0.15117	8.18E-04	9.10E-06	9.39E-06	9.45E-05	9.75E-05	1.0289E-04
606986.02	4201605.69	113107.2777	0.02433	0.02478	0.14672	0.15184	9.81E-04	9.71E-06	1.00E-05	9.50E-05	9.79E-05	1.1936E-03
606989.24	4201523.49	195121.3581	0.02847	0.02888	0.14777	0.15247	1.69E-03	1.14E-05	1.17E-05	9.57E-05	9.83E-05	1.9092E-03
606994.48	4201473.2	329037.3886	0.03202	0.03234	0.15625	0.16081	2.85E-03	1.28E-05	1.31E-05	1.01E-04	1.04E-04	3.0842E-03
606994.73	4201727.69	56574.62412	0.01722	0.0177	0.12976	0.13418	4.91E-04	6.88E-06	7.16E-06	8.40E-05	8.65E-05	6.7523E-04
606995.17	4201774.24	46266.76134	0.01507	0.01545	0.12866	0.133	4.01E-04	6.02E-06	6.25E-06	8.33E-05	8.58E-05	5.8259E-04
606999.43	4201694.18	70640.07795	0.01996	0.02044	0.14285	0.14806	6.13E-04	7.97E-06	8.27E-06	9.25E-05	9.55E-05	8.1683E-04
607000.43	4201559.18	147274.3352	0.0265	0.027	0.14717	0.15228	1.28E-03	1.06E-05	1.09E-05	9.53E-05	9.82E-05	1.4922E-03
607006.13	4201605.69	116857.0838	0.02481	0.0253	0.15648	0.1622	1.01E-03	9.91E-06	1.02E-05	1.01E-04	1.05E-04	1.2395E-03

607006.8	4201642.56	95176.45633	0.02304	0.0235	0.15618	0.16208	8.25E-04	9.20E-06	9.51E-06	1.01E-04	1.05E-04	1.0498E-03
607008.48	4201525.94	191926.3454	0.02895	0.02946	0.15601	0.1612	1.66E-03	1.16E-05	1.19E-05	1.01E-04	1.04E-04	1.8929E-03
607012.32	4201474.6	329213.1673	0.03295	0.03341	0.16568	0.1708	2.85E-03	1.32E-05	1.35E-05	1.07E-04	1.10E-04	3.0991E-03
607016.85	4201734.4	56432.87677	0.01679	0.0172	0.13781	0.14271	4.89E-04	6.70E-06	6.96E-06	8.92E-05	9.20E-05	6.8434E-04
607018.28	4201564.42	144605.2835	0.02662	0.0272	0.1551	0.16075	1.25E-03	1.06E-05	1.10E-05	1.00E-04	1.04E-04	1.4798E-03
607019.38	4201778.6	47559.18166	0.01516	0.01542	0.13973	0.1447	4.12E-04	6.05E-06	6.24E-06	9.05E-05	9.33E-05	6.0854E-04
607022.22	4201611.73	116678.2455	0.02514	0.02567	0.1689	0.17517	1.01E-03	1.00E-05	1.04E-05	1.09E-04	1.13E-04	1.2546E-03
607024.22	4201530.14	187707.2126	0.02915	0.02975	0.16334	0.16907	1.63E-03	1.16E-05	1.20E-05	1.06E-04	1.09E-04	1.8663E-03
607024.23	4201700.21	70434.29851	0.01968	0.02015	0.15255	0.15841	6.11E-04	7.86E-06	8.15E-06	9.88E-05	1.02E-04	8.2778E-04
607026.25	4202541.14	10004.48712	0.00835	0.00839	1.18461	1.42918	8.68E-05	3.33E-06	3.39E-06	7.67E-04	9.22E-04	1.7824E-03
607027.58	4201648.59	94026.37663	0.02304	0.0235	0.16542	0.17204	8.15E-04	9.20E-06	9.51E-06	1.07E-04	1.11E-04	1.0522E-03
607027.66	4202519.84	10379.11636	0.00854	0.00858	1.11494	1.37262	9.00E-05	3.41E-06	3.47E-06	7.22E-04	8.85E-04	1.7042E-03
607028.76	4201479.84	313968.1951	0.03345	0.03405	0.17529	0.18093	2.72E-03	1.34E-05	1.38E-05	1.14E-04	1.17E-04	2.9801E-03
607029.94	4202561.66	9707.94317	0.00821	0.00825	1.31202	1.62804	8.42E-05	3.28E-06	3.34E-06	8.50E-04	1.05E-03	1.9905E-03
607034.05	4202579.72	9474.70346	0.00811	0.00814	1.41626	1.83886	8.22E-05	3.24E-06	3.29E-06	9.17E-04	1.19E-03	2.1918E-03
607037.52	4201565.47	145535.5494	0.02687	0.02753	0.16412	0.17039	1.26E-03	1.07E-05	1.11E-05	1.06E-04	1.10E-04	1.5001E-03
607039.63	4202508.96	10701.69136	0.00872	0.00876	1.28314	1.68238	9.28E-05	3.48E-06	3.54E-06	8.31E-04	1.09E-03	2.0158E-03
607040.32	4201615.75	118417.6735	0.02541	0.02597	0.18359	0.19094	1.03E-03	1.01E-05	1.05E-05	1.19E-04	1.23E-04	1.2896E-03
607040.61	4202600.65	9236.25423	0.008	0.00804	1.57615	2.16727	8.01E-05	3.19E-06	3.25E-06	1.02E-03	1.40E-03	2.5050E-03
607042.07	4201533.29	186418.6481	0.02953	0.0302	0.17372	0.18005	1.62E-03	1.18E-05	1.22E-05	1.12E-04	1.16E-04	1.8693E-03
607044.32	4202654.11	8600.93649	0.0077	0.00774	1.17884	1.65085	7.46E-05	3.07E-06	3.13E-06	7.63E-04	1.06E-03	1.9089E-03
607044.34	4201706.91	69472.20876	0.01935	0.01973	0.16075	0.16718	6.02E-04	7.73E-06	7.98E-06	1.04E-04	1.08E-04	8.3010E-04
607044.34	4201729.71	60054.38954	0.01726	0.01755	0.15117	0.15692	5.21E-04	6.89E-06	7.10E-06	9.79E-05	1.01E-04	7.3389E-04
607044.57	4201783.93	48564.11479	0.01535	0.0155	0.15256	0.1583	4.21E-04	6.13E-06	6.27E-06	9.88E-05	1.02E-04	6.3444E-04
607047.25	4202491.54	11113.85331	0.00894	0.00898	1.29143	1.75739	9.64E-05	3.57E-06	3.63E-06	8.36E-04	1.13E-03	2.0733E-03
607048.02	4202674.63	8394.56091	0.00761	0.00764	0.99094	1.42595	7.28E-05	3.04E-06	3.09E-06	6.42E-04	9.20E-04	1.6403E-03
607050.37	4201654.63	93106.24322	0.02806	0.0235	0.17724	0.18477	8.07E-04	9.21E-06	9.51E-06	1.15E-04	1.19E-04	1.0601E-03
607052.12	4202692.69	8224.34949	0.00753	0.00756	0.80743	1.1978	7.13E-05	3.01E-06	3.06E-06	5.23E-04	7.73E-04	1.3728E-03
607053.24	4201471.1	356956.404	0.03528	0.03607	0.19217	0.19873	3.10E-03	1.41E-05	1.46E-05	1.24E-04	1.28E-04	3.3768E-03
607054.99	4201488.59	291663.2525	0.03397	0.03477	0.19273	0.19948	2.53E-03	1.36E-05	1.41E-05	1.25E-04	1.29E-04	2.8104E-03
607055.01	4201570.37	143935.4194	0.02696	0.02766	0.17491	0.18193	1.25E-03	1.08E-05	1.12E-05	1.13E-04	1.17E-04	1.5008E-03
607055.96	4202475.22	11537.85358	0.00916	0.0092	1.32754	1.84232	1.00E-04	3.66E-06	3.72E-06	8.60E-04	1.19E-03	2.1553E-03
607057.74	4201619.77	117516.9698	0.02555	0.02608	0.19715	0.20532	1.02E-03	1.02E-05	1.05E-05	1.28E-04	1.32E-04	1.3000E-03
607058.69	4202713.61	8047.35602	0.00745	0.00748	0.61933	0.92444	6.98E-05	2.97E-06	3.03E-06	4.01E-04	5.96E-04	1.0731E-03
607058.84	4201453.26	462254.9479	0.03709	0.03791	0.19744	0.20418	4.01E-03	1.48E-05	1.53E-05	1.28E-04	1.32E-04	4.2984E-03
607061.31	4201537.14	184351.1182	0.02988	0.03059	0.18621	0.19337	1.60E-03	1.19E-05	1.24E-05	1.21E-04	1.25E-04	1.8683E-03
607067.8	4201707.58	71600.24498	0.01977	0.02006	0.17576	0.1833	6.21E-04	7.89E-06	8.11E-06	1.14E-04	1.18E-04	8.6897E-04
607070.72	4201786.83	50014.88756	0.01579	0.0159	0.16803	0.1748	4.34E-04	6.30E-06	6.43E-06	1.09E-04	1.13E-04	6.6802E-04
607071.8	4201574.57	143953.3339	0.02755	0.02818	0.18881	0.19677	1.25E-03	1.10E-05	1.14E-05	1.22E-04	1.27E-04	1.5200E-03
607073.16	4201742.44	59541.61891	0.01738	0.01754	0.16829	0.17519	5.16E-04	6.94E-06	7.10E-06	1.09E-04	1.13E-04	7.5236E-04
607076.51	4201655.3	95654.16982	0.02366	0.02411	0.19624	0.20527	8.30E-04	9.45E-06	9.75E-06	1.27E-04	1.32E-04	1.1082E-03
607078.53	4201622.45	117809.0645	0.02591	0.02641	0.21295	0.22243	1.02E-03	1.03E-05	1.07E-05	1.38E-04	1.43E-04	1.3240E-03
607078.8	4201540.99	183958.4487	0.03021	0.03094	0.19951	0.20759	1.60E-03	1.21E-05	1.25E-05	1.29E-04	1.34E-04	1.8830E-03
607079.65	4202427.69	12754.61942	0.0096	0.00964	1.11107	1.55236	1.11E-04	3.83E-06	3.90E-06	7.20E-04	1.00E-03	1.8391E-03
607081.85	4201948.62	35272.85577	0.01559	0.01571	0.2593	0.27479	3.06E-04	6.23E-06	6.35E-06	1.68E-04	1.77E-04	6.6361E-04
607081.85	4201998.62	29880.98666	0.01383	0.01392	0.24452	0.26162	2.59E-04	5.52E-06	5.63E-06	1.58E-04	1.69E-04	5.9736E-04
607081.85	4202048.62	25911.96877	0.01268	0.01276	0.23911	0.25636	2.25E-04	5.06E-06	5.16E-06	1.55E-04	1.65E-04	5.5512E-04
607081.85	4202098.62	22469.92418	0.01166	0.01172	0.23538	0.25116	1.95E-04	4.66E-06	4.74E-06	1.52E-04	1.62E-04	5.1867E-04
607081.85	4202148.62	20078.46906	0.01108	0.01115	0.25661	0.27388	1.74E-04	4.42E-06	4.51E-06	1.66E-04	1.77E-04	5.2587E-04
607081.85	4202198.62	18467.27483	0.01088	0.01095	0.31477	0.33806	1.60E-04	4.34E-06	4.43E-06	2.04E-04	2.18E-04	5.9080E-04
607081.85	4202248.62	17181.24001	0.01085	0.01091	0.41559	0.45098	1.49E-04	4.33E-06	4.41E-06	2.69E-04	2.91E-04	7.1773E-04
607081.85	4202298.62	15646.70988	0.01042	0.01048	0.52744	0.58547	1.36E-04	4.16E-06	4.24E-06	3.42E-04	3.78E-04	8.6325E-04
607081.85	4202348.62	14204.0448	0.00983	0.00989	0.66595	0.77575	1.23E-04	3.93E-06	4.00E-06	4.31E-04	5.00E-04	1.0627E-03
607081.85	4202398.62	13142.58445	0.00964	0.00969	0.87182	1.09768	1.14E-04	3.85E-06	3.92E-06	5.65E-04	7.08E-04	1.3943E-03
607081.85	4202448.62	12405.03505	0.00959	0.00963	1.52715	2.43834	1.08E-04	3.83E-06	3.90E-06	9.89E-04	1.57E-03	2.6769E-03
607081.85	4202498.62	11323.48921	0.00911	0.00915	3.63524	2.9109	9.82E-05	3.64E-06	3.70E-06	2.35E-03	1.88E-03	4.3371E-03
607081.85	4202548.62	10402.67705	0.00866	0.0087	2.38887	5.19998	9.02E-05	3.46E-06	3.52E-06	1.55E-03	3.35E-03	4.9979E-03
607081.85	4202598.62	9612.9013	0.00826	0.00829	3.58967	4.08429	8.34E-05	3.30E-06	3.35E-06	2.32E-03	2.63E-03	5.0488E-03
607081.85	4202648.62	8951.95134	0.00794	0.00797	4.11622	4.08095	7.76E-05	3.17E-06	3.22E-06	2.67E-03	2.63E-03	5.3817E-03
607081.85	4202698.62	8364.6648	0.00764	0.00767	1.59569	2.82675	7.25E-05	3.05E-06	3.10E-06	1.03E-03	1.82E-03	2.9352E-03
607081.85	4202748.62	7841.93055	0.00737	0.00739	0.48014	0.67828	6.80E-05	2.94E-06	2.99E-06	3.11E-04	4.37E-04	8.2233E-04
607088.6	4201577.72	144931.1335	0.0281	0.0287	0.20483	0.21384	1.26E-03	1.12E-05	1.16E-05	1.33E-04	1.38E-04	1.5502E-03
607090.34	4202416.33	13082.02153	0.00972	0.00977	1.18421	1.64053	1.13E-04	3.88E-06	3.95E-06	7.67E-04	1.06E-03	1.9462E-03
607092.51	4201790.71	52183.12052	0.01685	0.01698	0.18996	0.19832	4.53E-04	6.73E-06	6.87E-06	1.23E-04	1.28E-04	7.1706E-04
607093.27	4201712.28	72115.07395	0.02009	0.02031	0.19293	0.20184	6.25E-04	8.02E-06	8.22E-06	1.25E-04	1.30E-04	8.9674E-04
607094.61	4201741.77	62400.58212	0.01834	0.0185	0.18677	0.19507	5.41E-04	7.32E-06	7.48E-06	1.21E-04	1.26E-04	8.0271E-04
607098.04	4201544.48	183287.0983	0.03078	0.0315	0.21762	0.22661	1.59E-03	1.23E-05	1.27E-05	1.41E-04	1.46E-04	1.9016E-03
607099.31	4201628.48	116086.1271	0.02621	0.02666	0.2304	0.24153	1.01E-03	1.05E-05	1.08E-05	1.49E-04	1.56E-04	1.3329E-03
607099.98	4201657.98	97607.87779	0.02422	0.02463	0.21696	0.22771	8.46E-04	9.67E-06	9.96E-06	1.41E-04	1.47E-04	1.1535E-03
607103.71	4202402.3	13508.96272	0.00988	0.00994	1.29551	1.78217	1.17E-04	3.95E-06	4.02E-06	8.39E-04	1.15E-03	2.1135E-03
607106.06	4201502.23	264146.2329	0.03484	0.03575	0.23715	0.24695	2.29E-03	1.39E-05	1.45E-05	1.54E-04	1.59E-04	2.6319E-03
607109.45	4201582.54	146517.9847	0.02889	0.02946	0.22887	0.23941	1.27E-03	1.15E-05	1.19E-05	1.48E-04	1.54E-04	1.5967E-03
607109.71	4201481.99	321953.617	0.03677	0.03778	0.24319	0.25318	2.79E-03	1.47E-05	1.53E-05	1.57E-04	1.63E-04	3.1427E-03
607111.31	4201655.71	459162.1091	0.03953	0.04068	0.24876	0.2588	3.98E-03	1.58E-05	1.65E-05	1.61E-04	1.67E-04	4.3421E-03
607114.05	4201708.25	75716.32841	0.02107	0.02131	0.21369	0.22438	6.57E-04	8.41E-06	8.62E-06	1.38E-04	1.45E-04	9.5675E-04
607114.38	4201550.44	178901.4368	0.03112	0.0318	0.23421	0.24453	1.55E-03	1.24E-05	1.29E-05	1.52E-04	1.58E-04	1.8861E-03
607114.79	4201795.07	54813.61806	0.01821	0.01838	0.22378	0.2349	4.75E-04	7.27E-06	7.43E-06	1.45E-04	1.51E-04	7.8647E-04
607116.06	4201742.44	65018.8575	0.01939	0.01957	0.21023	0.2205	5.64E-04	7.74E-06	7.92E-06	1.36E-04	1.42E-04	8.5786E-04
607116.4	4202391.6	13889.51125	0.01005	0.01011	1.48639	2.09629	1.20E-04	4.01E-06	4.09E-06	9.63E-04	1.35E-03	2.4431E-03
607118.75	4201626.47	118793.9464	0.02697	0.02741	0.24968	0.2625	1.03E-03	1.08E-05	1.11E-05	1.62E-04	1.69E-04	1.3830E-03
607121.43	4201658.65	99806.65278	0.02509	0.02547	0.24264	0.25575	8.66E-04	1.00E-05	1.03E-05	1.57E-04	1.65E-04	1.2079E-03
607125.91	4201581.72	149774.0841	0.02974	0.03032	0.24821	0.26041	1.30E-03	1.19E-05	1.23E-05	1.61E-04	1.68E-04	1.6517E-03
607128.43	4202382.25	14130.81879	0.01022	0.01028	1.73611	2.48733	1.23E-04	4.08E-06	4.16E-06	1.12E-03	1.60E-03	2.8593E-03
607130.44	4202366.21	14509.5837	0.01033	0.01038	1.49925	2.00942	1.26E-04	4.12E-06	4.20E-06	9.71E-04	1.30E-03	2.4010E-03
607131.69	4202533.61	11115.09458	0.00909	0.00913	3.00831	2.43831	9.64E-05	3.63E-06	3.69E-06	1.95E-03	1.57E-03	3.6245E-03
607131.85	4201948.62	36373.72048	0.01603	0.01617	0.30932	0.33101	3.15E-04	6.40E-06	6.54E-06	2.00E-04	2.13E-04	7.4218E-04
607131.85	4201998.62	31121.20739	0.01451	0.01463	0.30165	0.32673	2.70E-04	5.79E-06	5.92E-06	1.95E-04	2.11E-04	6.8767E-04
607131.85	4202048.62	27165.96916	0.01348	0.01359	0.29851	0.32489	2.36E-04	5.38E-06	5.50E-06	1.93E-04	2.10E-04	6.4932E-04
607131.85	4202098.62	23979.93384	0.01262	0.01273	0.3037	0.32881	2.08E-04	5.04E-06	5.15E-06	1.97E-04	2.12E-04	6.2688E-04
607131.85	4202148.62	21521.30555	0.01201	0.01211	0.33719	0.36456	1.87E-04	4.80E-06	4.90E-06	2.18E-04	2.35E-04	6.4981E-04
607131.85	4202198.62	19876.83358	0.01192	0.01199	0.44637	0.48997	1.72E-04	4.76E-06	4.85E-06	2.89E-04	3.16E-04	7.8705E-04
607131.85	4202248.62	18497.07396	0.01183	0.01191	0.5938	0.65391	1.60E-04	4.72E-06	4.82E-06	3.85E-04	4.22E-04	9.7623E-04
607131.85	4202298.62	16436.36712	0.01099	0.01106	0.82549	0.94209	1.43E-04	4.39E-06	4.47E-06	5.35E-04	6.08E-04	1.2936E-03
607131.85	4202348.62	14932.36199	0.01034	0.01039	1.26227	1.60444	1.29E-04	4.13E-06	4.20E-06	8.17E-04	1.03E-03	1.9900E-03
607131.85	4202398.62	14001.28136	0.01026	0.01031	2.65785	4.3951	1.21E-04	4.10E-06	4.17E-06	1.72E-03	2.83E-03	4.6855E-03
607131.85	4202448.62	12899.12843	0.00996	0.01001	4.03909	4.95792	1.12E-04	3.98E-06	4.05E-06	2.62E-03	3.20E-03	5.9332E-03
607131.85	4202498.62	11782.31233	0.00941	0.00946	3.77593	2.82159	1.02E-04	3.76E-06	3.83E-06	2.45E-03	1.82E-03	4.3748E-03
607131.85	4202548.62	10846.37066	0.00895	0.009	2.80972	2.35528	9.41E-05	3.57E-06	3.64E-06	1.82E-03	1.52E-03	3.4399E-03
607131.85	4202598.62	10033.38727	0.00855	0.00859	2.90125	2.36509	8.70E-05	3.41E-06	3.47E-06	1.88E-03	1.53E-03	3.4981E-03
607131.85	4202648.62	9339.68613	0.00821	0.00824	3.99737	2.98263	8.10E-05	3.28E-06	3.33E-06	2.59E-03	1.92E-03	4.5999E-03
607131.85	4202698.62	8716.96218	0.00789	0.00792	5.09593	4.60396	7.56E-05	3.15E-06	3.20E-06	3.30E-03	2.97E-03	6.3514E-03
607131.85	4202748.62	8160.4992	0.0076	0.00762	1.01927	1.4167	7.08E-05	3.03E-06	3.08E-06	6.60E-04	9.14E-04	1.6507E-03
607134.16	4201710.27	77326.42537	0.02187	0.02214	0.23832	0.25128	6.71E-04	8.73E-06	8.96E-06	1.54E-04	1.62E-04	1.0047E-03
607134.55	4201552.91	181160.4725	0.03212	0.0328	0.26128	0.27387	1.57E-03	1.28E-05	1.33E-05	1.69E-04	1.77E-04	1.9430E-03
607135.38	4202554.13	10780.00854	0.00893	0.00897	2.60146	2.20941	9.35E-05	3.57E-06	3.63E-06	1.68E-03	1.42E-03	3.2103E-03
607137.51	4201741.77	68128.89098	0.02062	0.02086	0.24155	0.2546	5.91E-04	8.23E-06	8.44E-06	1.56E-04	1.64E-04	9.2812E-04
607138.86	4201627.81	119406.2578	0.02768	0.02811	0.27348	0.2885	1.04E-03	1.11E-05	1.14E-05	1.77E-04	1.86E-04	1.4211E-03
607139.48	4202572.19	10506.08139	0.00879	0.00883	2.39128	2.04657	9.11E-05	3.51E-06	3.57E-06	1.55E-03	1.32E-03	2.9667E-03
607139.67	4201507.22	254412.2813	0.03592	0.03676	0.27745	0.2902	2.21E-03	1.43E-05	1.49E-05	1.80E-04	1.87E-04	2.6023E-03
607140.46	4201489.08	301426.4521	0.03765	0.0386	0.28166	0.29459	2.61E-03	1.50E-05	1.56E-05	1.82E-04	1.90E-04	3.0170E-03
607140.94	4201796.52	58605.52768	0.02017	0.02041	0.28164	0.29807	5.08E-04	8.05E-06	8.26E-06	1.82E-04	1.92E-04	8.9917E-04
607142.23	4202652.61	9366.78354	0.00824	0.00828	3.16766	2.47528	8.12E-05	3.29E-06	3.35E-06	2.05E-03	1.60E-03	3.7357E-03
607143.61	4201470.95	375460.0904	0.03972	0.04078	0.29049	0.30379	3.26E-03	1.59E-05	1.65E-05	1.88E-04	1.96E-04	3.6724E-03
607145.14	4202352.84	14990.12287	0.01042	0.01047	1.67849	2.25552	1.30E-04	4.16E-06	4.24E-06	1.09E-03	1.45E-03	2.6801E-03
607145.92	4202673.12	9130.89403	0.00813	0.00816	3.41325	2.58245	7.92E-05	3.25E-06	3.30E-06	2.21E-03	1.67E-03	3.9617E-03
607146.05	4202593.12	10234.01911	0.00867	0.00871	2.21697	1.89348	8.88E-05	3.46E-06	3.52E-06	1.44E-03	1.22E-03	2.7526E-03
607146.9	4201656.64	104328.2878	0.02638	0.02679	0.28165	0.2982	9.05E-04	1.05E-05	1.08E-05	1.82E-04	1.92E-04	1.3008E-03
607147.72	4201580.48	154369.8107	0.03083	0.03141	0.27798	0.29256	1.34E-03	1.23E-05	1.27E-05	1.80E-04	1.89E-04	1.7324E-03
607150.03	4202691.18	8936.64542	0.00804	0.00807	3.44885	2.54534	7.75E-05	3.21E-06	3.26E-06	2.23E-03	1.64E-03	3.9590E-03
607150.7	4201452.03	494544.3195	0.04236	0.04357	0.30745	0.3219	4.29E-03	1.69E-05	1.76E-05	1.99E-04	2.08E-04	4.7300E-03
607155.17	4202340.14	15416.28925	0.01057	0.01063	1.70964	2.26315	1.34E-04	4.22E-06	4.30E-06	1.11E-03	1.46E-03	2.7090E-03
607156.28	4201627.14	120905.3432	0.02845	0.0289	0.29735	0.3147	1.05E-03	1.14E-05	1.17E-05	1.93E-04	2.03E-04	1.4671E-03
607156.59	4202712.11	8729.74122	0.00794	0.00797	2.48424	2.05004	7.57E-05	3.17E-06	3.22E-06	1.61E-03	1.32E-03	3.0130E-03
607161.65	4201706.91	81577.5345	0.02364	0.024	0.28308	0.30061	7.07E-04	9.44E-06	9.71E-06	1.83E-04	1.94E-04	1.1038E-03
607164.33	4201744.45	71266.42143	0.0223	0.02264	0.29453	0.3129	6.18E-04	8.90E-06	9.16E-06	1.91E-04	2.02E-04	1.0286E-03
607165.83	4201576.78	159951.1224	0.03203	0.03263	0.30634	0.32345	1.39E-03	1.28E-05	1.32E-05	1.98E-04	2.09E-04	1.8201E-03
607167.09	4201791.19	61674.46047	0.0216	0.02187	0.34837	0.37205	5.35E-04	8.62E-06	8.85E-06	2.26E-04	2.40E-04	1.0179E-03
607167.2	4202333.46	15743.74088	0.01074	0.0108	1.98635	2.67215	1.37E-04	4.29E-06	4.37E-06	1.29E-03	1.72E-03	3.1549E-03
607171.03	4202355.3	106458.7489	0.02753	0.02797	0.32176	0.3428	9.23E-04	1.10E-05	1.13E-05	2.08E-04	2.21E-04	1.3750E-03
607173.88	4202318.09	16257.87197	0.01093	0.01099	1.78405	2.31376	1.41E-04	4.36E-06	4.45E-06	1.16E-03	1.49E-03	2.7974E-03
607177.06	4201627.81	121654.9111	0.02936	0.02985	0.33132	0.35227	1.05E-03	1.17E-05	1.21E-05	2.15E-04	2.27E-04	1.5206E-03
607181.85	4201948.62	37086.00905	0.01668	0.01684	0.38495	0.41602	3.22E-04	6.66E-06	6.81E-06	2.49E-04	2.68E-04	8.5269E-04
607181.85	4201998.62	32338.60532	0.0154	0.01554	0.39793	0.43835	2.80E-04	6.15E-06	6.29E-06	2.58E-04	2.83E-04	8.3329E-04
607181.85	4202048.62	28463.74293	0.0144	0.01452	0.40389	0.45107	2.47E-04	5.75E-06	5.87E-06	2.62E-04	2.91E-04	8.1094E-04
607181.85	4202098.62	25437.90878	0.01367	0.01378	0.42363	0.47221	2.21E-04	5.46E-06	5.57E-06	2.74E-04	3.05E-04	8.1052E-04
607181.85	4202148.62	23352.2982	0.01352	0.01363	0.52255	0.58209	2.03E-04	5.40E-06	5.51E-06	3.38E-04	3.75E-04	9.2724E-04
607181.85	4202198.62	21237.38139	0.01314	0.01324	0.71716	0.83245	1.84E-04	5.25E-06	5.36E-06	4.64E-04	5.37E-04	1.1961E-03
607181.85	4202248.62	19271.12416	0.01252	0.0126	0.90826	1.06719	1.67E-04	5.00E-06	5.10E-06	5.88E-04	6.88E-04	1.4537E-03
607181.85	4202298.62	17071.07161	0.01134	0.01141	1.62073	2.00309	1.48E-04	4.53E-06	4.62E-06	1.05E-03	1.29E-03	2.4986E-03
607181.85	4202348.62	15576.39522	0.01082	0.01088	4.09801	3.36263	1.35E-04	4.32E-06	4.40E-06	2.65E-03	2.17E-03	4.9664E-03
607181.85	4202398.62	14671.90475	0.01082	0.01087	5.80094	4.32921	1.27E-04	4.32E-06	4.40E-06	3.76E-03	2.79E-03	6.6847E-03
607181.85	4202448.62	13402.23998	0.01033	0.01038	2.52134	2.07901	1.16E-04	4.12E-06	4.20E-06	1.63E-03	1.34E-03	3.0982E-03
607181.85	4202498.62	12245.04524	0.00974	0.00979	1.69994	1.47816	1.06E-04	3.89E-06	3.96E-06	1.10E-03	9.53E-04	2.1682E-03
607181.85	4202548.62	11276.08798	0.00926	0.0093	1.43943	1.2917	9.78E-05	3.70E-06	3.76E-06	9.32E-04	8.33E-04	1.8705E-03
607182.57	4202306.06	16790.97061	0.01121	0.01127	1.81577	2.32791	1.46E-04	4.48E-06	4.56E-06	1.18E-03	1.50E-03	2.8319E-03
607183.52	4201578.02	159817.8282	0.03297	0.0336	0.33905	0.35945	1.39E-03	1.32E-05	1.36E-05	2.20E-04	2.32E-04	1.8641E-03

607185.11	4201741.77	73516.51185	0.02342	0.02376	0.33717	0.36068	6.38E-04	9.35E-06	9.61E-06	2.18E-04	2.33E-04	1.1075E-03
607190.12	4201515.89	241816.4283	0.03843	0.03927	0.36646	0.38749	2.10E-03	1.53E-05	1.59E-05	2.37E-04	2.50E-04	2.6155E-03
607190.47	4201708.25	83591.93897	0.02486	0.02525	0.33501	0.3592	7.25E-04	9.93E-06	1.02E-05	2.17E-04	2.32E-04	1.1937E-03
607192.59	4202290.69	17500.91454	0.01167	0.01173	1.7455	2.18331	1.52E-04	4.66E-06	4.74E-06	1.13E-03	1.41E-03	2.6997E-03
607193.82	4201656.64	106923.237	0.02842	0.02891	0.36204	0.38858	9.27E-04	1.13E-05	1.17E-05	2.34E-04	2.51E-04	1.4354E-03
607194.06	4201499.33	278520.881	0.04037	0.04129	0.38183	0.40388	2.42E-03	1.61E-05	1.67E-05	2.47E-04	2.60E-04	2.9559E-03
607196.5	4201624.46	124673.6032	0.03051	0.03105	0.36867	0.39398	1.08E-03	1.22E-05	1.26E-05	2.39E-04	2.54E-04	1.5988E-03
607197.52	4201575.13	163024.2606	0.034	0.03467	0.37052	0.39396	1.41E-03	1.36E-05	1.40E-05	2.40E-04	2.54E-04	1.9354E-03
607198	4201459.13	448351.308	0.04544	0.0466	0.41342	0.43746	3.89E-03	1.81E-05	1.89E-05	2.68E-04	2.82E-04	4.4750E-03
607199.58	4201481.99	331271.6839	0.04272	0.04374	0.40429	0.42797	2.87E-03	1.71E-05	1.77E-05	2.62E-04	2.76E-04	3.4454E-03
607202.62	4202281.33	18016.7659	0.012	0.01208	1.78801	2.26868	1.56E-04	4.79E-06	4.89E-06	1.16E-03	1.46E-03	2.7870E-03
607207.23	4201733.73	77004.4298	0.02472	0.0251	0.38643	0.41668	6.68E-04	9.87E-06	1.02E-05	2.50E-04	2.69E-04	1.2068E-03
607209.24	4201706.24	85467.83145	0.02589	0.0263	0.37972	0.40993	7.41E-04	1.03E-05	1.06E-05	2.46E-04	2.64E-04	1.2724E-03
607209.71	4201784.9	64550.24251	0.02314	0.02345	0.45585	0.49394	5.60E-04	9.24E-06	9.49E-06	2.95E-04	3.19E-04	1.1923E-03
607214.65	4202269.97	18780.91151	0.01243	0.01251	1.82958	2.40451	1.63E-04	4.96E-06	5.06E-06	1.18E-03	1.55E-03	2.9085E-03
607218.63	4201662	104627.596	0.02902	0.02954	0.41104	0.44529	9.07E-04	1.16E-05	1.19E-05	2.66E-04	2.87E-04	1.4843E-03
607218.92	4201572.25	165760.6467	0.03547	0.03621	0.42638	0.4558	1.44E-03	1.42E-05	1.46E-05	2.76E-04	2.94E-04	2.0364E-03
607221.31	4201541.89	115584.1824	0.0306	0.03117	0.42506	0.46025	1.00E-03	1.22E-05	1.26E-05	2.75E-04	2.97E-04	1.5993E-03
607223.32	4201616.42	130919.7389	0.03246	0.0331	0.4336	0.46738	1.14E-03	1.30E-05	1.34E-05	2.81E-04	3.01E-04	1.7439E-03
607226.68	4202254.6	19708.64503	0.01295	0.01304	1.88151	2.66982	1.71E-04	5.17E-06	5.27E-06	1.22E-03	1.72E-03	3.1217E-03
607228.68	4202226.53	20787.05835	0.0134	0.0135	1.49592	2.0475	1.80E-04	5.35E-06	5.46E-06	9.69E-04	1.32E-03	2.4804E-03
607231.85	4201948.62	39023.97201	0.01829	0.01847	0.58965	0.65142	3.38E-04	7.30E-06	7.47E-06	3.82E-04	4.20E-04	1.1552E-03
607231.85	4201998.62	33691.6487	0.01682	0.01697	0.603	0.68416	2.92E-04	6.72E-06	6.86E-06	3.90E-04	4.41E-04	1.1375E-03
607231.85	4202048.62	29741.86607	0.01558	0.0157	0.62614	0.73694	2.58E-04	6.22E-06	6.35E-06	4.05E-04	4.75E-04	1.1513E-03
607231.85	4202098.62	26916.51261	0.0151	0.01522	0.69603	0.8364	2.33E-04	6.03E-06	6.16E-06	4.51E-04	5.39E-04	1.2358E-03
607231.85	4202148.62	24387.77156	0.01459	0.0147	1.07787	1.36138	2.11E-04	5.83E-06	5.95E-06	6.98E-04	8.78E-04	1.7993E-03
607231.85	4202198.62	21929.62784	0.01377	0.01387	1.32156	1.74879	1.90E-04	5.50E-06	5.61E-06	8.56E-04	1.13E-03	2.1850E-03
607231.85	4202248.62	19999.38896	0.01314	0.01323	1.96475	2.87466	1.73E-04	5.25E-06	5.35E-06	1.27E-03	1.85E-03	3.3104E-03
607231.85	4202298.62	17712.76794	0.01192	0.01199	5.3826	4.14534	1.54E-04	4.76E-06	4.85E-06	3.49E-03	2.67E-03	6.3225E-03
607231.85	4202348.62	16251.70641	0.01154	0.01161	4.85225	3.94152	1.41E-04	4.61E-06	4.70E-06	3.14E-03	2.54E-03	5.8346E-03
607231.85	4202398.62	15229.85281	0.01135	0.01142	2.20548	1.92008	1.32E-04	4.53E-06	4.62E-06	1.43E-03	1.24E-03	2.8078E-03
607231.85	4202448.62	13860.24823	0.01069	0.01075	1.41347	1.26782	1.20E-04	4.27E-06	4.35E-06	9.15E-04	8.18E-04	1.8618E-03
607231.85	4202498.62	12704.94394	0.01011	0.01016	1.09836	1.0049	1.10E-04	4.04E-06	4.11E-06	7.11E-04	6.48E-04	1.4777E-03
607231.85	4202548.62	11693.14813	0.00959	0.00963	0.95433	0.88519	1.01E-04	3.83E-06	3.90E-06	6.18E-04	5.71E-04	1.2980E-03
607232.69	4201479.62	340341.9394	0.04614	0.04736	0.52489	0.56197	2.95E-03	1.84E-05	1.92E-05	3.40E-04	3.62E-04	3.6914E-03
607235.06	4201458.34	453396.5456	0.04947	0.05086	0.56098	0.6018	3.93E-03	1.98E-05	2.06E-05	3.63E-04	3.88E-04	4.7236E-03
607237.02	4201569.37	168917.6265	0.03692	0.03773	0.48594	0.5226	1.46E-03	1.47E-05	1.53E-05	3.15E-04	3.37E-04	2.1466E-03
607242.15	4201499.33	279895.8861	0.0446	0.04576	0.55208	0.59422	2.43E-03	1.78E-05	1.85E-05	3.58E-04	3.83E-04	3.2044E-03
607245.3	4201518.25	239063.7956	0.04267	0.04374	0.5503	0.59375	2.07E-03	1.70E-05	1.77E-05	3.56E-04	3.83E-04	2.8472E-03
607256.2	4201735.98	78625.71383	0.02701	0.02744	0.57375	0.6388	6.82E-04	1.08E-05	1.11E-05	3.72E-04	4.12E-04	1.4873E-03
607259.99	4202104.79	27418.96007	0.01586	0.016	1.29013	1.85171	2.38E-04	6.33E-06	6.47E-06	8.35E-04	1.19E-03	2.2803E-03
607260.56	4201780.54	66909.32054	0.02519	0.02555	0.68059	0.76269	5.80E-04	1.01E-05	1.03E-05	4.41E-04	4.92E-04	1.5333E-03
607262.5	4201714.67	85301.94912	0.0283	0.02877	0.58438	0.65371	7.40E-04	1.13E-05	1.16E-05	3.78E-04	4.22E-04	1.5627E-03
607263.77	4201568.55	169698.749	0.03901	0.0399	0.60721	0.66179	1.47E-03	1.56E-05	1.61E-05	3.93E-04	4.27E-04	2.3234E-03
607263.97	4202045.13	31118.76299	0.01684	0.017	1.03546	1.32748	2.70E-04	6.72E-06	6.88E-06	6.71E-04	8.56E-04	1.8102E-03
607265.41	4201691.43	93332.47974	0.0297	0.03021	0.58493	0.65491	8.09E-04	1.19E-05	1.22E-05	3.79E-04	4.22E-04	1.6346E-03
607268.31	4201663.82	104705.8869	0.03153	0.0321	0.58974	0.65946	9.08E-04	1.26E-05	1.30E-05	3.82E-04	4.25E-04	1.7408E-03
607270.25	4201614.91	132561.9334	0.03545	0.0362	0.61464	0.67987	1.15E-03	1.42E-05	1.46E-05	3.98E-04	4.38E-04	2.0149E-03
607271.35	4202059.5	30510.62959	0.0169	0.01705	1.4225	2.07831	2.65E-04	6.75E-06	6.90E-06	9.21E-04	1.34E-03	2.5398E-03
607272.19	4201641.54	116081.8208	0.03337	0.03402	0.61197	0.68354	1.01E-03	1.33E-05	1.38E-05	3.96E-04	4.41E-04	1.8709E-03
607276.28	4201925.31	43069.30909	0.02051	0.02075	1.12154	1.31819	3.74E-04	8.19E-06	8.39E-06	7.26E-04	8.50E-04	1.9665E-03
607278.74	4202023.38	33454.78466	0.01796	0.01813	1.69424	2.3416	2.90E-04	7.17E-06	7.33E-06	1.10E-03	1.51E-03	2.9120E-03
607279.97	4201945.82	40785.22208	0.02001	0.02023	1.29663	1.559	3.54E-04	7.99E-06	8.18E-06	8.40E-04	1.01E-03	2.2150E-03
607281.85	4201948.62	40506.64834	0.01998	0.0202	1.36499	1.65195	3.51E-04	7.98E-06	8.17E-06	8.84E-04	1.07E-03	2.3168E-03
607281.85	4201998.62	35608.72238	0.01864	0.01883	1.66287	2.1976	3.09E-04	7.44E-06	7.62E-06	1.08E-03	1.42E-03	2.8181E-03
607281.85	4202048.62	31534.80169	0.01744	0.01761	2.01789	3.08741	2.73E-04	6.96E-06	7.12E-06	1.31E-03	1.99E-03	3.5856E-03
607281.85	4202098.62	28097.93937	0.01638	0.01653	2.46429	4.43812	2.44E-04	6.54E-06	6.69E-06	1.60E-03	2.86E-03	4.7151E-03
607281.85	4202148.62	24971.51971	0.01524	0.01537	3.66517	3.40058	2.17E-04	6.09E-06	6.22E-06	2.37E-03	2.19E-03	4.7956E-03
607281.85	4202198.62	22531.36864	0.01439	0.01451	3.6039	3.94881	1.95E-04	5.75E-06	5.87E-06	2.33E-03	2.55E-03	5.0876E-03
607281.85	4202248.62	20623.49996	0.01377	0.01388	4.13977	5.35722	1.79E-04	5.50E-06	5.61E-06	2.68E-03	3.46E-03	6.3260E-03
607281.85	4202298.62	18722.34776	0.01296	0.01305	3.8067	2.87725	1.62E-04	5.17E-06	5.28E-06	2.47E-03	1.86E-03	4.4937E-03
607281.85	4202348.62	17162.91802	0.01241	0.0125	1.97795	1.75191	1.49E-04	4.96E-06	5.06E-06	1.28E-03	1.13E-03	2.5696E-03
607281.85	4202398.62	15652.20097	0.01174	0.01181	1.30307	1.19623	1.36E-04	4.69E-06	4.78E-06	8.44E-04	7.72E-04	1.7606E-03
607281.85	4202448.62	14308.6417	0.01107	0.01114	0.9802	0.91111	1.24E-04	4.42E-06	4.51E-06	6.35E-04	5.88E-04	1.3554E-03
607281.85	4202498.62	13135.90277	0.01047	0.01053	0.80663	0.75701	1.14E-04	4.18E-06	4.26E-06	5.22E-04	4.88E-04	1.1330E-03
607281.85	4202548.62	12107.87767	0.00993	0.00999	0.70881	0.67003	1.05E-04	3.97E-06	4.04E-06	4.59E-04	4.32E-04	1.0042E-03
607282.36	4201779.57	67466.71608	0.0261	0.02649	0.86523	0.99609	5.85E-04	1.04E-05	1.07E-05	5.60E-04	6.42E-04	1.8090E-03
607283.25	4202005.74	35002.08602	0.01849	0.01868	1.78258	2.4147	3.04E-04	7.38E-06	7.56E-06	1.15E-03	1.56E-03	3.0302E-03
607284.07	4201963.88	38940.34024	0.0196	0.01982	1.52426	1.89251	3.38E-04	7.83E-06	8.02E-06	9.87E-04	1.22E-03	2.5612E-03
607285.17	4201568.14	169412.9388	0.04083	0.04181	0.75193	0.83269	1.47E-03	1.63E-05	1.69E-05	4.87E-04	5.37E-04	2.5264E-03
607287.2	4201728.23	81368.74248	0.02891	0.0294	0.77655	0.89687	7.06E-04	1.15E-05	1.19E-05	5.03E-04	5.78E-04	1.8104E-03
607288.66	4201454.4	482208.0237	0.05712	0.05906	1.10477	1.24173	4.18E-03	2.28E-05	2.39E-05	7.15E-04	8.01E-04	5.7447E-03
607289.45	4201490.66	304595.974	0.0512	0.05275	0.98604	1.10067	2.64E-03	2.04E-05	2.13E-05	6.39E-04	7.10E-04	4.0323E-03
607289.45	4201514.95	248797.3621	0.04799	0.04934	0.90007	1.00286	2.16E-03	1.92E-05	2.00E-05	5.83E-04	6.47E-04	3.4264E-03
607290.64	4201984.81	36990.17899	0.01919	0.0194	1.98465	2.63252	3.21E-04	7.66E-06	7.85E-06	1.29E-03	1.70E-03	3.3194E-03
607294.18	4201470.16	385370.0851	0.05506	0.05686	1.14499	1.28723	3.34E-03	2.20E-05	2.30E-05	7.41E-04	8.30E-04	4.9586E-03
607294.46	4201707.41	88158.12622	0.03046	0.03102	0.81572	0.95251	7.65E-04	1.22E-05	1.25E-05	5.28E-04	6.14E-04	1.9318E-03
607299.31	4201658.98	107295.895	0.03384	0.03453	0.80858	0.93937	9.30E-04	1.35E-05	1.40E-05	5.24E-04	6.06E-04	2.0874E-03
607299.31	4201681.26	97880.74704	0.03233	0.03296	0.83042	0.97248	8.49E-04	1.29E-05	1.33E-05	5.38E-04	6.27E-04	2.0400E-03
607303.67	4201638.15	117548.4894	0.03572	0.03648	0.84181	0.97494	1.02E-03	1.43E-05	1.48E-05	5.45E-04	6.29E-04	2.2223E-03
607305.12	4201612.97	132909.0651	0.03815	0.03904	0.88878	1.01669	1.15E-03	1.52E-05	1.58E-05	5.76E-04	6.56E-04	2.4149E-03
607305.12	4201782.47	66872.20525	0.0268	0.02723	1.25305	1.52765	5.80E-04	1.07E-05	1.10E-05	8.11E-04	9.85E-04	2.3984E-03
607307.4	4201564.43	171778.0863	0.04326	0.04437	0.99696	1.13519	1.49E-03	1.73E-05	1.79E-05	6.46E-04	7.32E-04	2.9027E-03
607307.87	4201899.45	46592.54269	0.0221	0.02238	2.16604	2.86429	4.04E-04	8.82E-06	9.05E-06	1.40E-03	1.85E-03	3.6720E-03
607316.49	4201853.9	53262.3658	0.024	0.02434	2.14675	2.95534	4.62E-04	9.58E-06	9.85E-06	1.39E-03	1.91E-03	3.7776E-03
607321.3	4202259.3	20633.51307	0.01406	0.01418	2.77616	2.19171	1.79E-04	5.61E-06	5.74E-06	1.80E-03	1.41E-03	3.4016E-03
607330.96	4202209.32	22702.86421	0.01491	0.01506	3.12303	2.47217	1.97E-04	5.95E-06	6.09E-06	2.02E-03	1.59E-03	3.8258E-03
607331.85	4201948.62	40981.02767	0.02105	0.02133	2.7548	5.68077	3.55E-04	8.41E-06	8.63E-06	1.78E-03	3.66E-03	5.8202E-03
607331.85	4201998.62	36229.4009	0.01967	0.01992	4.06181	6.61806	3.14E-04	7.85E-06	8.06E-06	2.63E-03	4.27E-03	7.2288E-03
607331.85	4202048.62	32119.32161	0.01834	0.01856	6.36332	4.51351	2.79E-04	7.32E-06	7.51E-06	4.12E-03	2.91E-03	7.3252E-03
607331.85	4202098.62	28636.05746	0.01713	0.01732	4.97868	3.48759	2.48E-04	6.84E-06	7.01E-06	3.22E-03	2.25E-03	5.7357E-03
607331.85	4202148.62	25468.6438	0.01585	0.01601	3.83607	2.80971	2.21E-04	6.33E-06	6.48E-06	2.48E-03	1.81E-03	4.5300E-03
607331.85	4202198.62	23075.02293	0.01499	0.01514	3.27871	2.52069	2.00E-04	5.99E-06	6.12E-06	2.12E-03	1.63E-03	3.9612E-03
607331.85	4202248.62	21168.68352	0.01433	0.01447	2.48943	2.01355	1.84E-04	5.72E-06	5.85E-06	1.61E-03	1.30E-03	3.1059E-03
607331.85	4202298.62	19303.45263	0.01355	0.01368	1.80366	1.53996	1.67E-04	5.41E-06	5.53E-06	1.17E-03	9.93E-04	2.3396E-03
607331.85	4202348.62	17655.34966	0.01286	0.01297	1.29052	1.16626	1.53E-04	5.13E-06	5.25E-06	8.36E-04	7.52E-04	1.7514E-03
607331.85	4202398.62	16166.92926	0.0122	0.0123	0.96449	0.89807	1.40E-04	4.87E-06	4.98E-06	6.25E-04	5.79E-04	1.3539E-03
607331.85	4202448.62	14765.49746	0.01146	0.01155	0.75513	0.71284	1.28E-04	4.58E-06	4.67E-06	4.89E-04	4.60E-04	1.0861E-03
607331.85	4202498.62	13549.42801	0.01081	0.01089	0.63365	0.60275	1.18E-04	4.32E-06	4.41E-06	4.10E-04	3.89E-04	9.2531E-04
607331.85	4202548.62	12499.82334	0.01025	0.01032	0.55605	0.53207	1.08E-04	4.09E-06	4.17E-06	3.60E-04	3.43E-04	8.1992E-04
607332.24	4201768.91	69989.05145	0.02855	0.02905	2.10387	2.91203	6.07E-04	1.14E-05	1.18E-05	1.36E-03	1.88E-03	3.8707E-03
607333.23	4202147.98	25519.08722	0.01588	0.01605	3.71945	2.74596	2.21E-04	6.34E-06	6.49E-06	2.41E-03	1.77E-03	4.4138E-03
607333.8	4202176.38	23975.80953	0.01525	0.0154	3.2453	2.45047	2.08E-04	6.09E-06	6.23E-06	2.10E-03	1.58E-03	3.9023E-03
607338.67	4201559.91	171720.0041	0.04668	0.04805	1.68645	2.05897	1.49E-03	1.86E-05	1.94E-05	1.09E-03	1.33E-03	3.9473E-03
607339.02	4201743.25	76622.42026	0.0304	0.03099	2.12054	2.99882	6.64E-04	1.21E-05	1.25E-05	1.37E-03	1.93E-03	3.9965E-03
607340.96	4201720	83449.04558	0.03202	0.03267	1.95592	2.7325	7.24E-04	1.28E-05	1.32E-05	1.27E-03	1.76E-03	3.7786E-03
607346.28	4201693.85	92074.64091	0.03414	0.03489	1.95987	2.75648	7.98E-04	1.36E-05	1.41E-05	1.27E-03	1.78E-03	3.8732E-03
607346.86	4202072.72	30527.7667	0.01797	0.01819	3.82402	2.90156	2.65E-04	7.18E-06	7.36E-06	2.48E-03	1.87E-03	4.6270E-03
607348.03	4202037.94	33109.52342	0.01888	0.01912	4.35121	3.34203	2.87E-04	7.54E-06	7.73E-06	2.82E-03	2.16E-03	5.2757E-03
607350.64	4201670.12	100990.08	0.03619	0.03705	1.95492	2.78523	8.76E-04	1.45E-05	1.50E-05	1.27E-03	1.80E-03	3.9676E-03
607352.58	4201646.39	111339.4838	0.03832	0.03929	1.92059	2.65733	9.66E-04	1.53E-05	1.59E-05	1.24E-03	1.71E-03	3.9543E-03
607355.48	4201589.24	144383.1902	0.04456	0.04585	2.30792	2.98575	1.25E-03	1.78E-05	1.85E-05	1.49E-03	1.93E-03	4.7087E-03
607355.97	4201619.75	124932.6072	0.04119	0.04231	2.11486	2.80668	1.08E-03	1.64E-05	1.71E-05	1.37E-03	1.81E-03	4.2967E-03
607366.33	4200769.13	641820.8772	1.74856	1.43729	0.03979	0.03766	5.57E-03	6.98E-04	5.81E-04	2.58E-05	2.43E-05	6.8956E-03
607369.05	4201993.63	37086.63484	0.02051	0.02081	3.27579	2.76598	3.22E-04	8.19E-06	8.42E-06	2.12E-03	1.78E-03	4.2435E-03
607370.6	4200744.38	524957.6945	1.48929	1.24955	0.036	0.03422	4.55E-03	5.95E-04	5.05E-04	2.33E-05	2.21E-05	5.6980E-03
607378.7	4201943.65	41973.06476	0.02226	0.02261	3.30802	2.80509	3.64E-04	8.89E-06	9.15E-06	2.14E-03	1.81E-03	4.3334E-03
607380.97	4201882.31	49310.39742	0.02457	0.02499	4.1753	3.29048	4.28E-04	9.81E-06	1.01E-05	2.70E-03	2.12E-03	5.2736E-03
607381.54	4201910.71	45704.3106	0.02348	0.02387	3.56835	2.96232	3.96E-04	9.38E-06	9.66E-06	2.31E-03	1.91E-03	4.6368E-03
607381.85	4201948.62	41493.25722	0.02217	0.02252	3.06799	2.63148	3.60E-04	8.85E-06	9.11E-06	1.99E-03	1.70E-03	4.0618E-03
607381.85	4201998.62	36775.94722	0.02057	0.02087	2.52747	2.20146	3.19E-04	8.21E-06	8.44E-06	1.64E-03	1.42E-03	3.3922E-03
607381.85	4202048.62	32674.59767	0.01913	0.0194	2.22774	1.90158	2.83E-04	7.64E-06	7.85E-06	1.44E-03	1.23E-03	2.9679E-03
607381.85	4202098.62	29029.54688	0.01772	0.01795	1.93036	1.65636	2.52E-04	7.08E-06	7.26E-06	1.25E-03	1.07E-03	2.5844E-03
607381.85	4202148.62	25904.02455	0.0164	0.01659	1.68625	1.45184	2.25E-04	6.55E-06	6.71E-06	1.09E-03	9.36E-04	2.2663E-03
607381.85	4202348.62	18113.54383	0.01321	0.01334	0.91408	0.84017	1.57E-04	5.27E-06	5.40E-06	5.92E-04	5.42E-04	1.3016E-03
607381.85	4202398.62	16588.32131	0.01253	0.01265	0.73858	0.69343	1.44E-04	5.00E-06	5.12E-06	4.78E-04	4.47E-04	1.0795E-03
607381.85	4202448.62	15164.38514	0.01177	0.01187	0.60384	0.57435	1.32E-04	4.70E-06	4.80E-06	3.91E-04	3.70E-04	9.0248E-04
607381.85	4202498.62	13928.77592	0.01109	0.01118	0.51462	0.49327	1.21E-04	4.43E-06	4.52E-06	3.33E-04	3.18E-04	7.8114E-04
607381.85	4202548.62	12868.33768	0.01052	0.0106	0.45108	0.43505	1.12E-04	4.20E-06	4.29E-06	2.92E-04	2.81E-04	6.9278E-04
607400.85	4201861.3	52245.76211	0.02599	0.02647	2.93845	2.46245	4.53E-04	1.04E-05	1.07E-05	1.90E-03	1.59E-03	3.9652E-03
607402.25	4201797.62	62841.53087	0.02929	0.0299	3.58586	2.88625	5.45E-04	1.17E-05	1.21E-05	2.32E-03	1.86E-03	4.7524E-03
607402.82	4201762.98	70138.17905	0.03151	0.03221	4.22638	3.23134	6.08E-04	1.26E-05	1.30E-05	2.74E-03	2.08E-03	5.4549E-03
607405.41	4201505.03	206429.7185	0.06304	0.0657	4.17406	3.49824	1.79E-03	2.52E-05	2.66E-05	2.70E-03	2.26E-03	6.8012E-03
607410.62	4201477.67	235693.0153	0.07015	0.07343	3.07512	2.726	2.04E-03	2.80E-05	2.97E-05	1.99E-03	1.76E-03	5.8512E-03
607415.83	4201531.52	173971.3878	0.05885	0.06118	3.87238	3.19242	1.51E-03	2.35E-05	2.47E-05	2.51E-03	2.06E-03	6.1236E-03
607417.02	4201708.46	83633.48798	0.03628	0.03719	3.77283	2.94457	7.25E-04	1.45E-05	1.50E-05	2.44E-03	1.90E-03	5.0972E-03
607423.16	4200737.35	339953.5867	2.92747	2.23907	0.0341	0.03244	2.95E-03	1.17E-03	9.06E-04	2.21E-05	2.09E-05	5.0658E-03
607424.97	4201746.51	73235.67255	0.03356	0.03435	2.8234	2.32863	6.35E-04	1.34E-05	1.39E-05	1.83E-03	1.50E-03	3.9927E-03
607425.67	4201675.37	93342.38919	0.03977	0.04086	3.50822	2.78568	8.09E-04	1.59E-05	1.65E-05	2.27E-03	1.80E-03	4.9104E-03
607426.11	4201803.3	61319.16817	0.02974	0.03037	2.29462	1.97714	5.32E-04	1.19E-05	1.23E-05	1.49E-03	1.28E-03	3.3171E-03
607427.56	4201582.75	133909.8072	0.05127	0.05305	3.76845	3.08289	1.16E-03	2.05E-05	2.15E-05	2.44E-03	1.99E-03	5.6319E-03
607430.39	4201618.1	115069.5293	0.04652	0.048	3.54545	2.90402	9.98E-04	1.86E-05	1.94E-05	2.30E-03	1.87E-03	5.2048E-03
607431.85	4202348.62	18436.01888	0.01353	0.01368	0.68298	0.63872	1.60E-04	5.40E-06	5.53E-06	4.42E-04	4.12E-04	1.0250E-03
607431.85	4202398.62	16833.39536	0.01269	0.01282	0.57163	0.54161	1.46E-04	5.07E-06	5.19E-06	3.70E-04	3.49E-04	8.7573E-04
607431.85	4202448.62	15488.8622	0.012	0.01211	0.49071	0.46926	1.34E-04	4.79E-06	4.90E-06	3.18E-04	3.03E-04	7.6444E-04
607431.85	4202498.62	14275.04081	0.01134	0.01144	0.42627	0.41061	1.24E-04	4.53E-06	4.63E-06	2.76E-04	2.65E-04	6.7382E-04

607431.85	4202548.62	13209.03611	0.01076	0.01085	0.37419	0.36274	1.15E-04	4.30E-06	4.39E-06	2.42E-04	2.34E-04	5.9951E-04
607437.11	4201475.93	212451.2892	0.0744	0.07807	1.95903	1.79581	1.84E-03	2.97E-05	3.16E-05	1.27E-03	1.16E-03	4.3305E-03
607438.52	4201654.18	99278.10439	0.04269	0.04395	2.82622	2.3533	8.61E-04	1.70E-05	1.78E-05	1.83E-03	1.52E-03	4.2438E-03
607441.02	4201532.39	161825.0003	0.06136	0.06389	2.32098	2.06671	1.40E-03	2.45E-05	2.58E-05	1.50E-03	1.33E-03	4.2897E-03
607441.46	4201563.66	141266.7143	0.05553	0.05762	2.63662	2.29783	1.23E-03	2.22E-05	2.33E-05	1.71E-03	1.48E-03	4.4600E-03
607444.85	4201714.71	80028.7946	0.03698	0.03793	2.22327	1.89797	6.94E-04	1.48E-05	1.53E-05	1.44E-03	1.22E-03	3.3880E-03
607445.41	4201806.14	60372.27897	0.03021	0.03086	1.77088	1.57079	5.24E-04	1.21E-05	1.25E-05	1.15E-03	1.01E-03	2.7080E-03
607450.52	4201749.92	71243.09792	0.03432	0.03514	1.90401	1.65828	6.18E-04	1.37E-05	1.42E-05	1.23E-03	1.07E-03	2.9483E-03
607455.14	4201620.93	109471.1686	0.04783	0.04938	2.18495	1.90731	9.49E-04	1.91E-05	2.00E-05	1.41E-03	1.23E-03	3.6335E-03
607455.35	4201475.06	198290.4248	0.07718	0.0811	1.55344	1.44277	1.72E-03	3.08E-05	3.28E-05	1.01E-03	9.31E-04	3.7197E-03
607459.04	4201719.25	77886.26789	0.03723	0.03819	1.82292	1.59413	6.75E-04	1.49E-05	1.54E-05	1.18E-03	1.03E-03	2.9144E-03
607461	4201530.65	154337.7065	0.06382	0.06655	1.7342	1.58702	1.34E-03	2.55E-05	2.69E-05	1.12E-03	1.02E-03	3.5374E-03
607462.74	4201564.09	134557.633	0.05739	0.05961	1.88848	1.69476	1.17E-03	2.29E-05	2.41E-05	1.22E-03	1.09E-03	3.5299E-03
607463.02	4201659.05	94513.42744	0.04354	0.04483	1.89894	1.66353	8.20E-04	1.74E-05	1.81E-05	1.23E-03	1.07E-03	3.1578E-03
607469.83	4201761.27	67878.45987	0.03421	0.03503	1.48947	1.33332	5.89E-04	1.37E-05	1.42E-05	9.65E-04	8.60E-04	2.4410E-03
607471.54	4201807.84	59327.12914	0.03098	0.03166	1.34391	1.22185	5.14E-04	1.24E-05	1.28E-05	8.70E-04	7.88E-04	2.1980E-03
607473.47	4201205.35	343030.0392	0.35948	0.41811	0.92055	0.82778	2.97E-03	1.44E-04	1.69E-04	5.96E-04	5.34E-04	4.4175E-03
607474.9	4201475.93	183601.0268	0.07944	0.08358	1.26874	1.18998	1.59E-03	3.17E-05	3.38E-05	8.22E-04	7.67E-04	3.2468E-03
607475.65	4201620.23	106153.6362	0.04934	0.05099	1.6502	1.48013	9.21E-04	1.97E-05	2.06E-05	1.07E-03	9.55E-04	2.9842E-03
607478.35	4201723.23	75565.8088	0.03777	0.03876	1.45802	1.30447	6.55E-04	1.51E-05	1.57E-05	9.44E-04	8.41E-04	2.4716E-03
607481.85	4202348.62	18724.05905	0.01383	0.01397	0.53687	0.50762	1.62E-04	5.52E-06	5.65E-06	3.48E-04	3.27E-04	8.4861E-04
607481.85	4202398.62	17121.79162	0.01296	0.01309	0.46405	0.44251	1.48E-04	5.17E-06	5.30E-06	3.01E-04	2.85E-04	7.4486E-04
607481.85	4202448.62	15770.18443	0.01223	0.01234	0.40605	0.39012	1.37E-04	4.88E-06	4.99E-06	2.63E-04	2.52E-04	6.6120E-04
607481.85	4202498.62	14581.06582	0.01158	0.01168	0.35797	0.34618	1.26E-04	4.62E-06	4.72E-06	2.32E-04	2.23E-04	5.9088E-04
607481.85	4202548.62	13520.08606	0.01099	0.01108	0.31586	0.3073	1.17E-04	4.39E-06	4.48E-06	2.05E-04	1.98E-04	5.2886E-04
607482.45	4201664.05	90573.29458	0.04407	0.0454	1.49578	1.34074	7.85E-04	1.76E-05	1.84E-05	9.69E-04	8.65E-04	2.6548E-03
607482.71	4201528.05	146878.4971	0.06661	0.06957	1.34591	1.25231	1.27E-03	2.66E-05	2.81E-05	8.72E-04	8.08E-04	3.0078E-03
607483.15	4201562.79	129148.2312	0.05944	0.06182	1.45992	1.33656	1.12E-03	2.37E-05	2.50E-05	9.45E-04	8.62E-04	2.9762E-03
607493.12	4201817.49	57158.15566	0.03114	0.03182	1.10263	1.0183	4.96E-04	1.24E-05	1.29E-05	7.14E-04	6.57E-04	1.8918E-03
607496.96	4201155.79	319091.8915	0.49414	0.57844	0.67074	0.59536	2.77E-03	1.97E-04	2.34E-04	4.34E-04	3.84E-04	4.0168E-03
607496.96	4201172.31	315746.7823	0.4381	0.50989	0.69995	0.62616	2.74E-03	1.75E-04	2.06E-04	4.53E-04	4.04E-04	3.9765E-03
607496.96	4201188.83	312080.0708	0.38865	0.44945	0.72503	0.65351	2.71E-03	1.55E-04	1.82E-04	4.70E-04	4.21E-04	3.9344E-03
607496.96	4201205.35	308036.4523	0.34531	0.39653	0.74639	0.67761	2.67E-03	1.38E-04	1.60E-04	4.83E-04	4.37E-04	3.8900E-03
607496.96	4201221.87	303562.7543	0.30757	0.35055	0.76459	0.69872	2.63E-03	1.23E-04	1.42E-04	4.95E-04	4.51E-04	3.8429E-03
607498.23	4201770.36	64697.0488	0.03464	0.03547	1.13003	1.03615	5.61E-04	1.38E-05	1.43E-05	7.32E-04	6.68E-04	1.9893E-03
607498.79	4201747.08	69073.85932	0.03657	0.0375	1.16196	1.06117	5.99E-04	1.46E-05	1.52E-05	7.52E-04	6.84E-04	2.0657E-03
607499.22	4201472.89	170394.7744	0.08322	0.0877	1.01672	0.96236	1.48E-03	3.32E-05	3.55E-05	6.58E-04	6.21E-04	2.8255E-03
607502.35	4201677.74	84519.12945	0.04362	0.04493	1.2158	1.10683	7.33E-04	1.74E-05	1.82E-05	7.87E-04	7.14E-04	2.2697E-03
607506.75	4201731.18	71794.7636	0.03837	0.03938	1.11135	1.01767	6.23E-04	1.53E-05	1.59E-05	7.20E-04	6.56E-04	2.0299E-03
607507.9	4201522.4	139866.9072	0.07034	0.0736	1.05256	0.99136	1.21E-03	2.81E-05	2.98E-05	6.82E-04	6.39E-04	2.5918E-03
607509.64	4201539.77	131317.627	0.06649	0.06941	1.07456	1.0071	1.14E-03	2.65E-05	2.81E-05	6.96E-04	6.50E-04	2.5388E-03
607510.51	4201563.23	121201.3703	0.06168	0.0642	1.11004	1.03317	1.05E-03	2.46E-05	2.60E-05	7.19E-04	6.66E-04	2.4869E-03
607517.46	4201473.76	159855.5844	0.08478	0.08937	0.88571	0.84227	1.39E-03	3.39E-05	3.62E-05	5.74E-04	5.43E-04	2.5731E-03
607518.78	4201606.08	103341.1367	0.0546	0.05659	1.06714	0.98983	8.96E-04	2.18E-05	2.29E-05	6.91E-04	6.38E-04	2.2703E-03
607520.45	4201073.19	303210.7202	0.76502	0.88343	0.38852	0.33828	2.63E-03	3.05E-04	3.57E-04	2.52E-04	2.18E-04	3.7621E-03
607520.45	4201089.71	300530.7282	0.6925	0.80196	0.4284	0.37487	2.61E-03	2.77E-04	3.24E-04	2.77E-04	2.42E-04	3.7263E-03
607520.45	4201106.23	297899.0678	0.62457	0.72371	0.46554	0.40986	2.58E-03	2.49E-04	2.93E-04	3.01E-04	2.64E-04	3.6914E-03
607520.45	4201122.75	295216.6269	0.56204	0.65031	0.49929	0.44258	2.56E-03	2.24E-04	2.63E-04	3.23E-04	2.85E-04	3.6564E-03
607520.45	4201155.79	289402.4619	0.454	0.5219	0.5566	0.50017	2.51E-03	1.81E-04	2.11E-04	3.60E-04	3.23E-04	3.5851E-03
607520.45	4201172.31	286151.1289	0.40796	0.46708	0.58068	0.52516	2.48E-03	1.63E-04	1.89E-04	3.76E-04	3.39E-04	3.5481E-03
607520.45	4201188.83	282601.6191	0.36667	0.41795	0.60204	0.54779	2.45E-03	1.46E-04	1.69E-04	3.90E-04	3.53E-04	3.5094E-03
607520.45	4201205.35	278707.2228	0.32976	0.37404	0.62088	0.5682	2.42E-03	1.32E-04	1.51E-04	4.02E-04	3.66E-04	3.4685E-03
607520.45	4201221.87	274425.3348	0.29694	0.33501	0.63746	0.58651	2.38E-03	1.19E-04	1.36E-04	4.13E-04	3.78E-04	3.4250E-03
607523.01	4201691.84	78911.02238	0.04313	0.0444	1.00933	0.93066	6.84E-04	1.72E-05	1.80E-05	6.54E-04	6.00E-04	1.9734E-03
607531.85	4202348.62	18965.61142	0.01419	0.01434	0.43667	0.41628	1.64E-04	5.67E-06	5.80E-06	2.83E-04	2.68E-04	7.2720E-04
607531.85	4202398.62	17370.00332	0.01329	0.01341	0.38549	0.36979	1.51E-04	5.31E-06	5.42E-06	2.50E-04	2.38E-04	6.4950E-04
607531.85	4202448.62	15982.62722	0.01248	0.01259	0.34038	0.32854	1.39E-04	4.98E-06	5.09E-06	2.20E-04	2.12E-04	5.8100E-04
607531.85	4202498.62	14836.21416	0.01184	0.01194	0.3042	0.29522	1.29E-04	4.73E-06	4.83E-06	1.97E-04	1.90E-04	5.2562E-04
607531.85	4202548.62	13784.84679	0.01123	0.01133	0.27017	0.26359	1.20E-04	4.48E-06	4.58E-06	1.75E-04	1.70E-04	4.7357E-04
607535.76	4201644.98	88869.10014	0.04965	0.05131	0.93067	0.86536	7.71E-04	1.98E-05	2.08E-05	6.03E-04	5.58E-04	1.9721E-03
607540.71	4201675.39	80767.32428	0.04596	0.04739	0.88984	0.82763	7.00E-04	1.84E-05	1.92E-05	5.76E-04	5.34E-04	1.8480E-03
607541.39	4201808.98	56734.22554	0.03357	0.03435	0.80291	0.75331	4.92E-04	1.34E-05	1.39E-05	5.20E-04	4.86E-04	1.5251E-03
607543.94	4201073.19	277775.2966	0.67309	0.7646	0.3396	0.29995	2.41E-03	2.69E-04	3.09E-04	2.20E-04	1.93E-04	3.4003E-03
607543.94	4201089.71	275085.7934	0.61434	0.69934	0.37052	0.32873	2.39E-03	2.45E-04	2.83E-04	2.40E-04	2.12E-04	3.3657E-03
607543.94	4201106.23	272464.8581	0.55925	0.63694	0.39954	0.35637	2.36E-03	2.23E-04	2.58E-04	2.59E-04	2.30E-04	3.3324E-03
607543.94	4201122.75	269809.1188	0.50827	0.57831	0.42625	0.3824	2.34E-03	2.03E-04	2.34E-04	2.76E-04	2.47E-04	3.2994E-03
607543.94	4201172.31	260931.741	0.38057	0.42965	0.49259	0.44952	2.26E-03	1.52E-04	1.74E-04	3.19E-04	2.90E-04	3.1975E-03
607546.5	4201792.51	58922.1873	0.03502	0.03586	0.79256	0.74321	5.11E-04	1.40E-05	1.45E-05	5.13E-04	4.79E-04	1.5321E-03
607553.31	4201751.62	64947.76045	0.0387	0.03972	0.785	0.73526	5.63E-04	1.55E-05	1.61E-05	5.08E-04	4.74E-04	1.5773E-03
607553.44	4201659.83	82852.30247	0.04862	0.0502	0.8176	0.76473	7.19E-04	1.94E-05	2.03E-05	5.29E-04	4.93E-04	1.7809E-03
607558.28	4201479.41	138610.9749	0.08617	0.09072	0.68349	0.65433	1.20E-03	3.44E-05	3.67E-05	4.43E-04	4.22E-04	2.1378E-03
607563.06	4201541.51	114637.7161	0.07007	0.0732	0.72709	0.69079	9.94E-04	2.80E-05	2.96E-05	4.71E-04	4.46E-04	1.9681E-03
607563.93	4201561.49	108123.6004	0.06587	0.06866	0.73819	0.69986	9.38E-04	2.63E-05	2.78E-05	4.78E-04	4.51E-04	1.9212E-03
607564.36	4201572.4	120632.1094	0.07468	0.07819	0.70263	0.66988	1.05E-03	2.98E-05	3.16E-05	4.55E-04	4.32E-04	1.9946E-03
607566.53	4201581.9	101400.0905	0.06207	0.06455	0.73937	0.69984	8.79E-04	2.48E-05	2.61E-05	4.79E-04	4.51E-04	1.8604E-03
607567.43	4201073.19	255892.8069	0.60098	0.67345	0.3009	0.26892	2.22E-03	2.40E-04	2.72E-04	1.95E-04	1.73E-04	3.0998E-03
607567.43	4201089.71	253168.8796	0.55221	0.6198	0.32552	0.2921	2.20E-03	2.20E-04	2.51E-04	2.11E-04	1.88E-04	3.0659E-03
607567.43	4201106.23	250536.2193	0.50643	0.56867	0.34878	0.31443	2.17E-03	2.02E-04	2.30E-04	2.26E-04	2.03E-04	3.0336E-03
607567.43	4201122.75	247889.9652	0.46389	0.52056	0.37041	0.33561	2.15E-03	1.85E-04	2.11E-04	2.40E-04	2.16E-04	3.0018E-03
607571.31	4201602.75	94498.94238	0.0584	0.06061	0.72424	0.68474	8.20E-04	2.33E-05	2.45E-05	4.69E-04	4.42E-04	1.7780E-03
607571.44	4201713.55	70062.09998	0.04318	0.04443	0.71677	0.67428	6.08E-04	1.72E-05	1.80E-05	4.64E-04	4.35E-04	1.5418E-03
607574.23	4201809.28	55416.00565	0.03488	0.03571	0.66869	0.63408	4.81E-04	1.39E-05	1.44E-05	4.33E-04	4.09E-04	1.3509E-03
607577.16	4201791.94	57666.49131	0.03636	0.03726	0.66812	0.63306	5.00E-04	1.45E-05	1.51E-05	4.33E-04	4.08E-04	1.3706E-03
607579.99	4201477.67	130925.7831	0.08792	0.09254	0.60168	0.57752	1.14E-03	3.51E-05	3.74E-05	3.90E-04	3.72E-04	1.9701E-03
607581.63	4201694.49	72532.09905	0.04571	0.0471	0.67825	0.6397	6.29E-04	1.83E-05	1.91E-05	4.39E-04	4.13E-04	1.5181E-03
607581.85	4202348.62	19103.68233	0.01461	0.01475	0.36314	0.34846	1.66E-04	5.83E-06	5.97E-06	2.35E-04	2.25E-04	6.3737E-04
607581.85	4202398.62	17536.03244	0.01366	0.01378	0.32522	0.31357	1.52E-04	5.45E-06	5.57E-06	2.11E-04	2.02E-04	5.7595E-04
607581.85	4202448.62	16191.34326	0.01284	0.01295	0.29135	0.2823	1.40E-04	5.13E-06	5.24E-06	1.89E-04	1.82E-04	5.2152E-04
607581.85	4202498.62	15038.87602	0.01214	0.01224	0.26168	0.25474	1.30E-04	4.85E-06	4.95E-06	1.69E-04	1.64E-04	4.7397E-04
607581.85	4202548.62	13998.13828	0.0115	0.0116	0.23392	0.22878	1.21E-04	4.59E-06	4.69E-06	1.51E-04	1.48E-04	4.2971E-04
607583.98	4201765.25	61147.32254	0.03892	0.03994	0.65778	0.62226	5.30E-04	1.55E-05	1.62E-05	4.26E-04	4.01E-04	1.3893E-03
607584.55	4201620.93	87675.15661	0.05599	0.05801	0.6709	0.63503	7.60E-04	2.24E-05	2.35E-05	4.34E-04	4.10E-04	1.6502E-03
607588.25	4201535.86	109732.0718	0.0728	0.07608	0.62055	0.59248	9.52E-04	2.91E-05	3.08E-05	4.02E-04	3.82E-04	1.7954E-03
607590.92	4201023.63	247788.7426	0.68027	0.74702	0.20654	0.18506	2.15E-03	2.72E-04	3.02E-04	1.34E-04	1.19E-04	2.9758E-03
607590.92	4201040.15	243405.3371	0.63248	0.69706	0.22768	0.20435	2.11E-03	2.53E-04	2.82E-04	1.47E-04	1.32E-04	2.9246E-03
607590.92	4201056.67	239880.3644	0.5867	0.6485	0.24883	0.22388	2.08E-03	2.34E-04	2.62E-04	1.61E-04	1.44E-04	2.8824E-03
607590.92	4201073.19	236848.9924	0.54305	0.60156	0.26959	0.24332	2.05E-03	2.17E-04	2.43E-04	1.75E-04	1.57E-04	2.8457E-03
607590.92	4201089.71	234082.7866	0.50174	0.55652	0.28963	0.26237	2.03E-03	2.00E-04	2.25E-04	1.88E-04	1.69E-04	2.8122E-03
607590.92	4201106.23	231430.1264	0.46294	0.5137	0.30867	0.28076	2.01E-03	1.85E-04	2.08E-04	2.00E-04	1.81E-04	2.7806E-03
607590.92	4201122.75	228784.7834	0.42678	0.47335	0.32651	0.29829	1.98E-03	1.70E-04	1.91E-04	2.11E-04	1.92E-04	2.7498E-03
607597.59	4201692.32	71415.71152	0.04671	0.04814	0.62107	0.58815	6.19E-04	1.87E-05	1.95E-05	4.02E-04	3.79E-04	1.4390E-03
607598.67	4201478.97	123975.593	0.08831	0.09287	0.54574	0.52473	1.08E-03	3.53E-05	3.76E-05	3.53E-04	3.38E-04	1.8398E-03
607600.11	4201587.7	93240.53655	0.06272	0.06518	0.60704	0.57822	8.09E-04	2.50E-05	2.64E-05	3.93E-04	3.73E-04	1.6260E-03
607607.03	4201729.35	65033.79586	0.04335	0.04458	0.59427	0.5644	5.64E-04	1.73E-05	1.80E-05	3.85E-04	3.64E-04	1.3482E-03
607607.79	4201535.43	105009.2402	0.0738	0.07708	0.55754	0.53371	9.11E-04	2.95E-05	3.12E-05	3.61E-04	3.44E-04	1.6766E-03
607610.72	4201606.08	86990.51779	0.05974	0.06198	0.57699	0.54977	7.54E-04	2.39E-05	2.51E-05	3.74E-04	3.55E-04	1.5315E-03
607614.41	4201023.63	231324.5311	0.61434	0.66899	0.19146	0.173	2.01E-03	2.45E-04	2.71E-04	1.24E-04	1.12E-04	2.7575E-03
607614.41	4201040.15	226825.8347	0.57282	0.62566	0.20905	0.18925	1.97E-03	2.29E-04	2.53E-04	1.35E-04	1.22E-04	2.7063E-03
607614.41	4201056.67	223215.7226	0.53321	0.5838	0.22657	0.20561	1.94E-03	2.13E-04	2.36E-04	1.47E-04	1.33E-04	2.6641E-03
607614.41	4201073.19	220120.9088	0.49558	0.54357	0.24375	0.22184	1.91E-03	1.98E-04	2.20E-04	1.58E-04	1.43E-04	2.6276E-03
607614.41	4201089.71	217310.9204	0.46001	0.50511	0.26035	0.23775	1.88E-03	1.84E-04	2.04E-04	1.69E-04	1.53E-04	2.5945E-03
607614.41	4201106.23	214637.8107	0.42657	0.46859	0.27621	0.25315	1.86E-03	1.70E-04	1.90E-04	1.79E-04	1.63E-04	2.5634E-03
607615.67	4201566.48	95518.12127	0.06754	0.07031	0.54952	0.52576	8.28E-04	2.70E-05	2.84E-05	3.56E-04	3.39E-04	1.5787E-03
607618.06	4201676.37	72143.62698	0.04953	0.05111	0.55898	0.53174	6.26E-04	1.98E-05	2.07E-05	3.62E-04	3.43E-04	1.3710E-03
607620.62	4201625.88	81243.91656	0.05679	0.05882	0.54991	0.52417	7.05E-04	2.27E-05	2.38E-05	3.56E-04	3.38E-04	1.4452E-03
607623.86	4201478.54	116166.9729	0.08914	0.09364	0.48182	0.46411	1.01E-03	3.56E-05	3.79E-05	3.12E-04	2.99E-04	1.6922E-03
607628.27	4201709.56	66314.73982	0.04634	0.04773	0.53706	0.51165	5.75E-04	1.85E-05	1.93E-05	3.48E-04	3.30E-04	1.2907E-03
607631.24	4201526.31	101802.4242	0.07672	0.08015	0.49112	0.47174	8.83E-04	3.06E-05	3.24E-05	3.18E-04	3.04E-04	1.5682E-03
607631.85	4202348.62	19136.47343	0.01504	0.0152	0.3072	0.29627	1.66E-04	6.01E-06	6.15E-06	1.99E-04	1.91E-04	5.6813E-04
607631.85	4202398.62	17589.92419	0.01403	0.01417	0.2774	0.26861	1.53E-04	5.60E-06	5.73E-06	1.80E-04	1.73E-04	5.1676E-04
607631.85	4202448.62	16332.49722	0.01322	0.01334	0.2521	0.24508	1.42E-04	5.28E-06	5.40E-06	1.63E-04	1.58E-04	4.7363E-04
607631.85	4202498.62	15194.04692	0.01247	0.01258	0.22784	0.2224	1.32E-04	4.98E-06	5.09E-06	1.48E-04	1.43E-04	4.3282E-04
607631.85	4202548.62	14168.74937	0.0118	0.0119	0.20493	0.20085	1.23E-04	4.71E-06	4.81E-06	1.33E-04	1.30E-04	3.9465E-04
607636.96	4201667.56	71724.76199	0.05147	0.05315	0.5105	0.48735	6.22E-04	2.06E-05	2.15E-05	3.31E-04	3.14E-04	1.3090E-03
607637.9	4201023.63	216815.5132	0.5602	0.60543	0.17813	0.16215	1.88E-03	2.24E-04	2.45E-04	1.15E-04	1.05E-04	2.5688E-03
607637.9	4201040.15	212206.9437	0.5237	0.5674	0.19297	0.176	1.84E-03	2.09E-04	2.30E-04	1.25E-04	1.14E-04	2.5174E-03
607637.9	4201056.67	208493.982	0.489	0.53089	0.20769	0.18988	1.81E-03	1.95E-04	2.15E-04	1.34E-04	1.22E-04	2.4750E-03
607637.9	4201073.19	205330.4091	0.45612	0.49593	0.22212	0.20363	1.78E-03	1.82E-04	2.01E-04	1.44E-04	1.31E-04	2.4386E-03
607637.9	4201089.71	202477.9929	0.42503	0.46259	0.2362	0.2171	1.76E-03	1.70E-04	1.87E-04	1.53E-04	1.40E-04	2.4057E-03
607637.9	4201106.23	199782.1654	0.3958	0.43097	0.24951	0.23017	1.73E-03	1.58E-04	1.74E-04	1.62E-04	1.48E-04	2.3749E-03
607638.19	4201499.38	106730.5393	0.08359	0.08755	0.46192	0.44486	9.26E-04	3.34E-05	3.54E-05	2.99E-04	2.87E-04	1.5804E-03
607646.08	4201557.29	91692.64895	0.07035	0.07325	0.47058	0.45187	7.95E-04	2.81E-05	2.96E-05	3.05E-04	2.91E-04	1.4491E-03
607647.58	4201700.87	65948.6596	0.04802	0.04949	0.4909	0.46965	5.72E-04	1.92E-05	2.00E-05	3.18E-04	3.03E-04	1.2319E-03
607655.79	4201662.74	70597.03202	0.05286	0.0546	0.46878	0.44882	6.12E-04	2.11E-05	2.21E-05	3.04E-04	2.89E-04	1.2485E-03
607661.39	4201023.63	204024.4923	0.51503	0.55279	0.16628	0.15237	1.77E-03	2.06E-04	2.24E-04	1.08E-04	9.83E-05	2.4045E-03
607661.39	4201040.15	199249.1019	0.48261	0.5191	0.17894	0.1643	1.73E-03	1.93E-04	2.10E-04	1.16E-04	1.06E-04	2.3524E-03
607661.39	4201056.67	195436.6171	0.45185	0.48688	0.19147	0.17621	1.69E-03	1.80E-04	1.97E-04	1.24E-04	1.14E-04	2.3099E-03
607661.39	4201073.19	192188.1607	0.42275	0.45612	0.20377	0.18799	1.67E-03	1.69E-04	1.85E-04	1.32E-04	1.21E-04	2.2732E-03
607661.39	4201089.71	189281.0212	0.39528	0.42686	0.21569	0.19955	1.64E-03	1.58E-04	1.73E-04	1.40E-04	1.29E-04	2.2403E-03
607661.39	4201106.23	186560.5441	0.36942	0.39912	0.22717	0.21079	1.62E-03	1.48E-04	1.61E-04	1.47E-04	1.36E-04	2.2099E-03
607664.96	4201692.67	65558.24097	0.04954	0.05108	0.45433	0.43576	5.69E-04	1.98E-05	2.07E-05	2.94E-04	2.81E-04	1.1842E-03
607665.17	4201577.8	84142.02088	0.06681	0.06941	0.43833	0.42143	7.30E-04	2.67E-05	2.81E-05	2.84E-04	2.72E-04	1.3401E-03
607665.17	4201609.62	78161.2291	0.06096	0.06317	0.44384	0.42607	6.78E-04	2.43E-05	2.56E-05	2.87E-04	2.75E-04	1.2899E-03
607672.95	4201521.22	93887.03949	0.07863	0.08205	0.4055	0.39103	8.14E-04	3.14E-05	3.32E-05	2.63E-04	2.52E-04	1.3936E-03
607675.07	4201495.76	98720.67752	0.08486	0.08874	0.39217	0.37866	8.56E-04	3.39E-05	3.59E-05	2.54E-04	2.44E-04	1.4241E-03
607675.1	4201657.91	69338.61047	0.05414	0.05592	0.4314	0.41412	6.01E-04	2.16E-05	2.26E-05	2.79E-04	2.67E-04	1.1920E-03

607681.85	4202348.62	19110.8576	0.01551	0.01568	0.26397	0.25567	1.66E-04	6.19E-06	6.34E-06	1.71E-04	1.65E-04	5.1411E-04
607681.85	4202398.62	17651.92189	0.01448	0.01463	0.24119	0.23434	1.53E-04	5.78E-06	5.92E-06	1.56E-04	1.51E-04	4.7211E-04
607681.85	4202448.62	16409.50589	0.01361	0.01374	0.22033	0.21481	1.42E-04	5.43E-06	5.56E-06	1.43E-04	1.39E-04	4.3452E-04
607681.85	4202498.62	15296.75853	0.01282	0.01294	0.20037	0.19603	1.33E-04	5.12E-06	5.23E-06	1.30E-04	1.26E-04	3.9920E-04
607681.85	4202548.62	14290.05317	0.01211	0.01222	0.18128	0.17798	1.24E-04	4.84E-06	4.94E-06	1.17E-04	1.15E-04	3.6589E-04
607682.14	4201602.55	77051.10869	0.06253	0.06481	0.41174	0.3961	6.68E-04	2.50E-05	2.62E-05	2.67E-04	2.55E-04	1.2415E-03
607684.88	4201023.63	192647.4417	0.47667	0.50845	0.15574	0.14356	1.67E-03	1.90E-04	2.06E-04	1.01E-04	9.26E-05	2.2601E-03
607684.88	4201040.15	187704.4996	0.4476	0.47835	0.16666	0.15391	1.63E-03	1.79E-04	1.93E-04	1.08E-04	9.93E-05	2.2072E-03
607684.88	4201056.67	183757.322	0.4201	0.44965	0.17745	0.16424	1.59E-03	1.68E-04	1.82E-04	1.15E-04	1.06E-04	2.1640E-03
607684.88	4201073.19	180435.7154	0.3941	0.42233	0.18803	0.17445	1.56E-03	1.57E-04	1.71E-04	1.22E-04	1.13E-04	2.1272E-03
607684.88	4201089.71	177482.0321	0.36956	0.39637	0.19833	0.18447	1.54E-03	1.48E-04	1.60E-04	1.28E-04	1.19E-04	2.0944E-03
607684.88	4201106.23	174737.6704	0.34646	0.37177	0.20827	0.19423	1.52E-03	1.38E-04	1.50E-04	1.35E-04	1.25E-04	2.0642E-03
607687.16	4201688.32	64122.78869	0.05062	0.0522	0.41342	0.39764	5.56E-04	2.02E-05	2.11E-05	2.68E-04	2.56E-04	1.1216E-03
607689.92	4201541.02	86836.43171	0.07446	0.0775	0.38444	0.37112	7.53E-04	2.97E-05	3.13E-05	2.49E-04	2.39E-04	1.3024E-03
607691.99	4201650.19	68663.0138	0.0556	0.05745	0.4018	0.38653	5.95E-04	2.22E-05	2.32E-05	2.60E-04	2.49E-04	1.1504E-03
607694.87	4201484.45	96643.33956	0.0877	0.0917	0.35837	0.34654	8.38E-04	3.50E-05	3.71E-05	2.32E-04	2.24E-04	1.3658E-03
607700.53	4201594.06	75920.22167	0.06424	0.06659	0.38076	0.36703	6.58E-04	2.57E-05	2.69E-05	2.47E-04	2.37E-04	1.1943E-03
607708.37	4201023.63	182321.3798	0.44363	0.47059	0.14633	0.1356	1.58E-03	1.77E-04	1.90E-04	9.48E-05	8.75E-05	2.1308E-03
607708.37	4201040.15	177255.7242	0.4174	0.4435	0.15583	0.14468	1.54E-03	1.67E-04	1.79E-04	1.01E-04	9.33E-05	2.0775E-03
607708.37	4201056.67	173226.8614	0.3926	0.41773	0.16521	0.15371	1.50E-03	1.57E-04	1.69E-04	1.07E-04	9.91E-05	2.0341E-03
607708.4	4201680.6	63163.52146	0.05203	0.05367	0.37998	0.36634	5.48E-04	2.08E-05	2.17E-05	2.46E-04	2.36E-04	1.0726E-03
607715.16	4201646.81	66713.71032	0.0565	0.05837	0.36694	0.35388	5.79E-04	2.26E-05	2.36E-05	2.38E-04	2.28E-04	1.0906E-03
607715.38	4201481.62	92840.77272	0.08816	0.09211	0.33082	0.32029	8.05E-04	3.52E-05	3.73E-05	2.14E-04	2.07E-04	1.2984E-03
607716.09	4201541.02	82343.1548	0.07448	0.07745	0.34788	0.33641	7.14E-04	2.97E-05	3.13E-05	2.25E-04	2.17E-04	1.2174E-03
607720.33	4201594.77	73178.39965	0.06426	0.06657	0.35278	0.34061	6.35E-04	2.57E-05	2.69E-05	2.28E-04	2.20E-04	1.1353E-03
607731.85	4202348.62	19010.92609	0.01595	0.01614	0.2295	0.22304	1.65E-04	6.37E-06	6.53E-06	1.49E-04	1.44E-04	4.7023E-04
607731.85	4202398.62	17646.21887	0.01492	0.01508	0.21168	0.20626	1.53E-04	5.96E-06	6.10E-06	1.37E-04	1.33E-04	4.3520E-04
607731.85	4202448.62	16425.66357	0.01399	0.01413	0.19428	0.18986	1.42E-04	5.59E-06	5.72E-06	1.26E-04	1.22E-04	4.0201E-04
607731.85	4202498.62	15331.29435	0.01316	0.01328	0.17752	0.17401	1.33E-04	5.25E-06	5.37E-06	1.15E-04	1.12E-04	3.7077E-04
607731.85	4202548.62	14356.74502	0.01242	0.01253	0.16164	0.15893	1.25E-04	4.96E-06	5.07E-06	1.05E-04	1.03E-04	3.4171E-04
607733.02	4201646.81	64899.11826	0.05671	0.05857	0.34346	0.33177	5.63E-04	2.26E-05	2.37E-05	2.22E-04	2.14E-04	1.0455E-03
607733.02	4201674.32	61672.07454	0.05316	0.05483	0.34631	0.33464	5.35E-04	2.12E-05	2.22E-05	2.24E-04	2.16E-04	1.0183E-03
607737.3	4201483.03	88278.01911	0.08741	0.09119	0.3065	0.29707	7.66E-04	3.49E-05	3.69E-05	1.98E-04	1.92E-04	1.2274E-03
607748.62	4201581.33	71457.38149	0.06653	0.06892	0.31648	0.30627	6.20E-04	2.66E-05	2.79E-05	2.05E-04	1.98E-04	1.0766E-03
607751.45	4201596.89	69055.64523	0.06395	0.06618	0.31556	0.30536	5.99E-04	2.55E-05	2.68E-05	2.04E-04	1.97E-04	1.0525E-03
607754.26	4201674.32	59785.28649	0.05333	0.05497	0.32126	0.311	5.18E-04	2.13E-05	2.22E-05	2.08E-04	2.01E-04	9.7062E-04
607754.74	4201641.98	63319.19836	0.0575	0.05936	0.31754	0.3074	5.49E-04	2.30E-05	2.40E-05	2.06E-04	1.98E-04	1.0000E-03
607756.4	4201533.95	77104.72469	0.07544	0.07836	0.2999	0.29061	6.69E-04	3.01E-05	3.17E-05	1.94E-04	1.87E-04	1.1121E-03
607756.4	4201557.99	73672.66415	0.0707	0.07332	0.30445	0.29491	6.39E-04	2.82E-05	2.97E-05	1.97E-04	1.90E-04	1.0841E-03
607759.93	4201485.86	83706.94129	0.08611	0.0897	0.28518	0.27661	7.26E-04	3.44E-05	3.63E-05	1.85E-04	1.78E-04	1.1597E-03
607825.82	4201172.31	114374.7024	0.20523	0.2144	0.15671	0.15023	9.92E-04	8.19E-05	8.67E-05	1.01E-04	9.69E-05	1.3589E-03
607825.82	4201188.83	112214.2233	0.19517	0.20388	0.16121	0.15478	9.73E-04	7.79E-05	8.25E-05	1.04E-04	9.98E-05	1.3378E-03
607825.82	4201205.35	110056.4202	0.1857	0.19395	0.16561	0.15926	9.54E-04	7.41E-05	7.85E-05	1.07E-04	1.03E-04	1.3170E-03
607825.82	4201221.87	107893.7567	0.17676	0.18457	0.16995	0.16366	9.36E-04	7.06E-05	7.47E-05	1.10E-04	1.06E-04	1.2965E-03
607825.82	4201238.39	105717.9716	0.16833	0.17572	0.17423	0.168	9.17E-04	6.72E-05	7.11E-05	1.13E-04	1.08E-04	1.2763E-03
607849.31	4201172.31	108399.1671	0.19737	0.20557	0.14763	0.14181	9.40E-04	7.88E-05	8.32E-05	9.56E-05	9.15E-05	1.2891E-03
607849.31	4201188.83	106338.2626	0.188	0.1958	0.1518	0.14602	9.22E-04	7.51E-05	7.92E-05	9.83E-05	9.42E-05	1.2689E-03
607849.31	4201205.35	104284.8629	0.17915	0.18656	0.15589	0.15015	9.04E-04	7.15E-05	7.55E-05	1.01E-04	9.68E-05	1.2492E-03
607849.31	4201221.87	102240.9274	0.1708	0.17783	0.15992	0.15423	8.87E-04	6.82E-05	7.19E-05	1.04E-04	9.95E-05	1.2298E-03
607849.31	4201238.39	100197.8969	0.16291	0.16958	0.16389	0.15824	8.69E-04	6.50E-05	6.86E-05	1.06E-04	1.02E-04	1.2108E-03
607872.8	4201172.31	102888.1775	0.19005	0.1974	0.1395	0.13425	8.92E-04	7.59E-05	7.99E-05	9.03E-05	8.66E-05	1.2249E-03
607872.8	4201188.83	100925.9594	0.1813	0.18831	0.14336	0.13815	8.75E-04	7.24E-05	7.62E-05	9.28E-05	8.91E-05	1.2057E-03
607872.8	4201205.35	98979.81894	0.17302	0.17969	0.14716	0.14198	8.58E-04	6.91E-05	7.27E-05	9.53E-05	9.16E-05	1.1870E-03
607872.8	4201221.87	97045.56969	0.16519	0.17154	0.1509	0.14576	8.42E-04	6.60E-05	6.94E-05	9.77E-05	9.40E-05	1.1687E-03
607872.8	4201238.39	95118.33266	0.15778	0.16382	0.15458	0.14948	8.25E-04	6.30E-05	6.63E-05	1.00E-04	9.64E-05	1.1507E-03
608186.19	4200733.55	111759.0653	0.26362	0.26706	0.03408	0.03283	9.69E-04	1.05E-04	1.08E-04	2.21E-05	2.12E-05	1.2257E-03
608186.19	4200741.15	110766.152	0.2604	0.26385	0.03479	0.03351	9.61E-04	1.04E-04	1.07E-04	2.25E-05	2.16E-05	1.2154E-03
608186.19	4200748.75	109335.7559	0.25719	0.26065	0.0355	0.03421	9.48E-04	1.03E-04	1.05E-04	2.30E-05	2.21E-05	1.2014E-03
608186.19	4200756.35	107615.1341	0.254	0.25746	0.03623	0.03491	9.33E-04	1.01E-04	1.04E-04	2.35E-05	2.25E-05	1.1848E-03
608186.19	4200763.95	105715.1178	0.25081	0.25428	0.03696	0.03562	9.17E-04	1.00E-04	1.03E-04	2.39E-05	2.30E-05	1.1667E-03
608186.19	4200771.55	103717.5192	0.24763	0.25111	0.0377	0.03634	8.99E-04	9.89E-05	1.02E-04	2.44E-05	2.34E-05	1.1478E-03
608186.19	4200779.15	101693.3756	0.24446	0.24794	0.03845	0.03706	8.82E-04	9.76E-05	1.00E-04	2.49E-05	2.39E-05	1.1286E-03
608186.19	4200786.75	99684.30089	0.24131	0.2448	0.0392	0.03779	8.64E-04	9.64E-05	9.90E-05	2.54E-05	2.44E-05	1.1096E-03
608186.19	4200794.35	97735.66805	0.23818	0.24167	0.03996	0.03853	8.48E-04	9.51E-05	9.78E-05	2.59E-05	2.48E-05	1.0912E-03
608186.19	4200801.95	95865.06863	0.23508	0.23856	0.04072	0.03928	8.31E-04	9.39E-05	9.65E-05	2.64E-05	2.53E-05	1.0734E-03
608186.19	4200809.55	94057.33373	0.23199	0.23547	0.0415	0.04003	8.16E-04	9.26E-05	9.53E-05	2.69E-05	2.58E-05	1.0562E-03
608186.19	4200817.15	92328.90918	0.22892	0.2324	0.04227	0.04079	8.01E-04	9.14E-05	9.40E-05	2.74E-05	2.63E-05	1.0398E-03
608186.19	4200824.75	90677.22793	0.22588	0.22936	0.04306	0.04155	7.86E-04	9.02E-05	9.28E-05	2.79E-05	2.68E-05	1.0240E-03
608186.19	4200832.35	89104.48576	0.22286	0.22633	0.04384	0.04232	7.73E-04	8.90E-05	9.16E-05	2.84E-05	2.73E-05	1.0089E-03
608186.19	4200839.95	87606.27468	0.21987	0.22333	0.04463	0.0431	7.60E-04	8.78E-05	9.03E-05	2.89E-05	2.78E-05	9.9456E-04
608186.19	4200847.55	86184.62455	0.21691	0.22036	0.04542	0.04387	7.47E-04	8.66E-05	8.91E-05	2.94E-05	2.83E-05	9.8086E-04
608186.19	4200855.15	84836.8288	0.21397	0.21741	0.04622	0.04465	7.36E-04	8.54E-05	8.79E-05	2.99E-05	2.88E-05	9.6782E-04
608186.19	4200862.75	83551.77548	0.21106	0.21449	0.04702	0.04544	7.25E-04	8.43E-05	8.68E-05	3.04E-05	2.93E-05	9.5536E-04
608186.19	4200870.35	82327.95163	0.20818	0.2116	0.04782	0.04623	7.14E-04	8.31E-05	8.56E-05	3.10E-05	2.98E-05	9.4346E-04
608193.06	4200733.55	105956.5668	0.25862	0.26198	0.03401	0.03278	9.19E-04	1.03E-04	1.06E-04	2.20E-05	2.11E-05	1.1713E-03
608193.06	4200741.15	105274.3038	0.25551	0.25888	0.03471	0.03345	9.13E-04	1.02E-04	1.05E-04	2.25E-05	2.16E-05	1.1637E-03
608193.06	4200748.75	104179.0156	0.2524	0.25578	0.03542	0.03414	9.03E-04	1.01E-04	1.03E-04	2.29E-05	2.20E-05	1.1527E-03
608193.06	4200756.35	102831.2489	0.2493	0.25269	0.03613	0.03483	8.92E-04	9.95E-05	1.02E-04	2.34E-05	2.25E-05	1.1394E-03
608193.06	4200763.95	101315.2992	0.24621	0.2496	0.03686	0.03553	8.79E-04	9.83E-05	1.01E-04	2.39E-05	2.29E-05	1.1247E-03
608193.06	4200771.55	99689.64399	0.24313	0.24653	0.03759	0.03624	8.65E-04	9.71E-05	9.97E-05	2.43E-05	2.34E-05	1.1090E-03
608193.06	4200779.15	97996.90772	0.24007	0.24347	0.03833	0.03696	8.50E-04	9.59E-05	9.85E-05	2.48E-05	2.38E-05	1.0928E-03
608193.06	4200786.75	96289.46234	0.23701	0.24041	0.03907	0.03768	8.35E-04	9.46E-05	9.72E-05	2.53E-05	2.43E-05	1.0765E-03
608193.06	4200794.35	94609.45213	0.23397	0.23738	0.03982	0.03841	8.20E-04	9.34E-05	9.60E-05	2.58E-05	2.48E-05	1.0605E-03
608193.06	4200801.95	92963.9349	0.23096	0.23436	0.04058	0.03915	8.06E-04	9.22E-05	9.48E-05	2.63E-05	2.52E-05	1.0447E-03
608193.06	4200809.55	91361.61274	0.22796	0.23136	0.04134	0.03989	7.92E-04	9.10E-05	9.36E-05	2.68E-05	2.57E-05	1.0294E-03
608193.06	4200817.15	89822.59853	0.22498	0.22838	0.0421	0.04064	7.79E-04	8.98E-05	9.24E-05	2.73E-05	2.62E-05	1.0146E-03
608193.06	4200824.75	88351.26369	0.22203	0.22543	0.04287	0.04139	7.66E-04	8.87E-05	9.12E-05	2.78E-05	2.67E-05	1.0005E-03
608193.06	4200832.35	86934.82857	0.2191	0.22249	0.04365	0.04215	7.54E-04	8.75E-05	9.00E-05	2.83E-05	2.72E-05	9.8684E-04
608193.06	4200839.95	85569.85918	0.21619	0.21958	0.04442	0.04291	7.42E-04	8.63E-05	8.88E-05	2.88E-05	2.77E-05	9.7366E-04
608193.06	4200847.55	84266.20046	0.21331	0.21669	0.04521	0.04368	7.31E-04	8.52E-05	8.77E-05	2.93E-05	2.82E-05	9.6104E-04
608193.06	4200855.15	83022.46384	0.21046	0.21382	0.04599	0.04445	7.20E-04	8.40E-05	8.65E-05	2.98E-05	2.87E-05	9.4896E-04
608193.06	4200862.75	81837.52549	0.20763	0.21098	0.04678	0.04522	7.10E-04	8.29E-05	8.53E-05	3.03E-05	2.92E-05	9.3741E-04
608193.06	4200870.35	80702.00506	0.20483	0.20817	0.04757	0.046	7.00E-04	8.18E-05	8.42E-05	3.08E-05	2.97E-05	9.2632E-04
608199.93	4200733.55	100931.963	0.25375	0.25703	0.03394	0.03273	8.75E-04	1.01E-04	1.04E-04	2.20E-05	2.11E-05	1.1237E-03
608199.93	4200741.15	100458.7215	0.25074	0.25403	0.03464	0.0334	8.71E-04	1.00E-04	1.03E-04	2.24E-05	2.15E-05	1.1180E-03
608199.93	4200748.75	99617.925	0.24773	0.25103	0.03533	0.03407	8.64E-04	9.89E-05	1.02E-04	2.29E-05	2.20E-05	1.1092E-03
608199.93	4200756.35	98555.34434	0.24473	0.24804	0.03604	0.03476	8.55E-04	9.77E-05	1.00E-04	2.33E-05	2.24E-05	1.0985E-03
608199.93	4200763.95	97335.39379	0.24174	0.24505	0.03676	0.03545	8.44E-04	9.65E-05	9.91E-05	2.38E-05	2.29E-05	1.0864E-03
608199.93	4200771.55	95994.1309	0.23875	0.24207	0.03748	0.03615	8.32E-04	9.53E-05	9.79E-05	2.43E-05	2.33E-05	1.0733E-03
608199.93	4200779.15	94572.90347	0.23578	0.2391	0.03821	0.03685	8.20E-04	9.41E-05	9.67E-05	2.47E-05	2.38E-05	1.0595E-03
608199.93	4200786.75	93122.86771	0.23282	0.23614	0.03894	0.03757	8.08E-04	9.30E-05	9.55E-05	2.52E-05	2.42E-05	1.0455E-03
608199.93	4200794.35	91668.38169	0.22987	0.2332	0.03968	0.03829	7.95E-04	9.18E-05	9.43E-05	2.57E-05	2.47E-05	1.0315E-03
608199.93	4200801.95	90227.9348	0.22694	0.23027	0.04042	0.03902	7.82E-04	9.06E-05	9.31E-05	2.62E-05	2.52E-05	1.0176E-03
608199.93	4200809.55	88811.39003	0.22402	0.22735	0.04117	0.03975	7.70E-04	8.95E-05	9.20E-05	2.67E-05	2.56E-05	1.0039E-03
608199.93	4200817.15	87438.67972	0.22113	0.22446	0.04193	0.04049	7.58E-04	8.83E-05	9.08E-05	2.72E-05	2.61E-05	9.9064E-04
608199.93	4200824.75	86114.25375	0.21827	0.22159	0.04269	0.04123	7.47E-04	8.72E-05	8.96E-05	2.76E-05	2.66E-05	9.7782E-04
608199.93	4200832.35	84841.59064	0.21543	0.21874	0.04345	0.04198	7.36E-04	8.60E-05	8.85E-05	2.81E-05	2.71E-05	9.6547E-04
608199.93	4200839.95	83603.48968	0.2126	0.21591	0.04422	0.04273	7.25E-04	8.49E-05	8.73E-05	2.86E-05	2.76E-05	9.5344E-04
608199.93	4200847.55	82412.25504	0.2098	0.2131	0.04499	0.04348	7.15E-04	8.38E-05	8.62E-05	2.91E-05	2.80E-05	9.4184E-04
608199.93	4200855.15	81267.18234	0.20703	0.21031	0.04576	0.04424	7.05E-04	8.27E-05	8.51E-05	2.96E-05	2.85E-05	9.3066E-04
608199.93	4200862.75	80170.39551	0.20428	0.20755	0.04654	0.045	6.95E-04	8.16E-05	8.40E-05	3.01E-05	2.90E-05	9.1993E-04
608199.93	4200870.35	79118.84715	0.20155	0.20482	0.04732	0.04577	6.86E-04	8.05E-05	8.29E-05	3.06E-05	2.95E-05	9.0962E-04
608206.8	4200733.55	96529.89102	0.24901	0.25222	0.03388	0.03267	8.37E-04	9.94E-05	1.02E-04	2.19E-05	2.11E-05	1.0816E-03
608206.8	4200741.15	96203.6821	0.2461	0.24932	0.03456	0.03333	8.34E-04	9.83E-05	1.01E-04	2.24E-05	2.15E-05	1.0773E-03
608206.8	4200748.75	95561.49958	0.24318	0.24641	0.03525	0.034	8.29E-04	9.71E-05	9.97E-05	2.28E-05	2.19E-05	1.0702E-03
608206.8	4200756.35	94704.21069	0.24027	0.24351	0.03595	0.03468	8.21E-04	9.59E-05	9.85E-05	2.33E-05	2.24E-05	1.0614E-03
608206.8	4200763.95	93704.83585	0.23737	0.24061	0.03665	0.03536	8.13E-04	9.48E-05	9.73E-05	2.37E-05	2.28E-05	1.0513E-03
608206.8	4200771.55	92596.252	0.23448	0.23773	0.03737	0.03606	8.03E-04	9.36E-05	9.62E-05	2.42E-05	2.33E-05	1.0403E-03
608206.8	4200779.15	91402.20475	0.2316	0.23485	0.03808	0.03676	7.93E-04	9.25E-05	9.50E-05	2.47E-05	2.37E-05	1.0285E-03
608206.8	4200786.75	90162.88087	0.22872	0.23197	0.03881	0.03746	7.82E-04	9.13E-05	9.38E-05	2.51E-05	2.42E-05	1.0164E-03
608206.8	4200794.35	88905.46336	0.22586	0.22912	0.03954	0.03817	7.71E-04	9.02E-05	9.27E-05	2.56E-05	2.46E-05	1.0041E-03
608206.8	4200801.95	87646.75224	0.22302	0.22627	0.04027	0.03889	7.60E-04	8.91E-05	9.15E-05	2.61E-05	2.51E-05	9.9182E-04
608206.8	4200809.55	86399.99286	0.22019	0.22344	0.04101	0.03961	7.49E-04	8.79E-05	9.04E-05	2.66E-05	2.55E-05	9.7968E-04
608206.8	4200817.15	85175.1093	0.21738	0.22063	0.04176	0.04034	7.39E-04	8.68E-05	8.92E-05	2.70E-05	2.60E-05	9.6775E-04
608206.8	4200824.75	83978.26278	0.21459	0.21784	0.04251	0.04107	7.28E-04	8.57E-05	8.81E-05	2.75E-05	2.65E-05	9.5609E-04
608206.8	4200832.35	82826.18306	0.21183	0.21507	0.04326	0.0418	7.18E-04	8.46E-05	8.70E-05	2.80E-05	2.70E-05	9.4483E-04
608206.8	4200839.95	81708.81187	0.20909	0.21232	0.04401	0.04254	7.09E-04	8.35E-05	8.59E-05	2.85E-05	2.74E-05	9.3390E-04
608206.8	4200847.55	80622.18623	0.20637	0.20959	0.04477	0.04329	6.99E-04	8.24E-05	8.48E-05	2.90E-05	2.79E-05	9.2326E-04
608206.8	4200855.15	79569.19299	0.20367	0.20688	0.04554	0.04404	6.90E-04	8.13E-05	8.37E-05	2.95E-05	2.84E-05	9.1294E-04
608206.8	4200862.75	78554.65283	0.201	0.2042	0.0463	0.04479	6.81E-04	8.03E-05	8.26E-05	3.00E-05	2.89E-05	9.0296E-04
608206.8	4200870.35	77579.52138	0.19835	0.20154	0.04707	0.04554	6.73E-04	7.92E-05	8.15E-05	3.05E-05	2.94E-05	8.9335E-04
608213.67	4200733.55	92638.27866	0.2444	0.24754	0.03381	0.03261	8.03E-04	9.76E-05	1.00E-04	2.19E-05	2.10E-05	1.0440E-03
608213.67	4200741.15	92417.57145	0.24158	0.24473	0.03448	0.03327	8.01E-04	9.65E-05	9.90E-05	2.23E-05	2.15E-05	1.0407E-03
608213.67	4200748.75	91914.11623	0.23875	0.24191	0.03516	0.03393	7.97E-04	9.53E-05	9.79E-05	2.28E-05	2.19E-05	1.0349E-03
608213.67	4200756.35	91219.92138	0.23593	0.23909	0.03585	0.0346	7.91E-04	9.42E-05	9.67E-05	2.32E-05	2.23E-05	1.0275E-03
608213.67	4200763.95	90389.71892	0.23312	0.23629	0.03655	0.03528	7.84E-04	9.31E-05	9.56E-05	2.37E-05	2.28E-05	1.0190E-03
608213.67	4200771.55	89463.81888	0.23032	0.23349	0.03725	0.03596	7.76E-04	9.20E-05	9.44E-05	2.41E-05	2.32E-05	1.0096E-03
608213.67	4200779.15	88456.60944	0.22752	0.23069	0.03796	0.03665	7.67E-04	9.08E-05	9.33E-05	2.46E-05	2.36E-05	9.9949E-04
608213.67	4200786.75	87397.69597	0.22473	0.22791	0.03868	0.03735	7.58E-04	8.97E-05	9.22E-05	2.50E-05	2.41E-05	9.8898E-04
608213.67	4200794.35	86311.38605	0.22196	0.22514	0.0394	0.03805	7.48E-04	8.86E-05	9.11E-05	2.55E-05	2.45E-05	9.7825E-04
608213.67	4200801.95	85209.73471	0.2192	0.22237	0.04012	0.03876	7.39E-04	8.75E-05	9.00E-05	2.60E-05	2.50E-05	9.6740E-04
608213.67	4200809.55	84108.80096	0.21645	0.21963	0.04085	0.03947	7.29E-04	8.64E-05	8.88E-05	2.65E-05	2.55E-05	9.5658E-04
608213.67	4200817.15	83018.09029	0.21372	0.2169	0.04159	0.04019	7.20E-04	8.53E-05	8.77E-05	2.69E-05	2.59E-05	9.4587E-04
608213.67	4200824.75	81944.5248	0.21101	0.21418	0.04232	0.04091	7.11E-04	8.43E-05	8.66E-05	2.74E-05	2.64E-05	9.3531E-04
608213.67	4200832.35	80895.71924	0.20832	0.21149	0.04307	0.04164	7.02E-04	8.32E-05	8.56E-05	2.79E-05	2.69E-05	9.2501E-04
608213.67	4200839.95	79883.07034	0.20566	0.20882	0.04381	0.04237	6.93E-04	8.21E-05	8.45E-05	2.84E-05	2.73E-05	9.1504E-04

608213.67	4200847.55	78894.62198	0.20302	0.20616	0.04456	0.0431	6.84E-04	8.11E-05	8.34E-05	2.89E-05	2.78E-05	9.0529E-04
608213.67	4200855.15	77926.89193	0.20039	0.20353	0.04531	0.04384	6.76E-04	8.00E-05	8.23E-05	2.93E-05	2.83E-05	8.9575E-04
608213.67	4200862.75	76990.14052	0.19779	0.20092	0.04606	0.04458	6.68E-04	7.90E-05	8.13E-05	2.98E-05	2.88E-05	8.8650E-04
608213.67	4200870.35	76083.83103	0.19521	0.19833	0.04682	0.04532	6.60E-04	7.79E-05	8.02E-05	3.03E-05	2.92E-05	8.7753E-04
608220.54	4200733.55	89162.45266	0.23991	0.24297	0.03373	0.03256	7.73E-04	9.58E-05	9.83E-05	2.18E-05	2.10E-05	1.0101E-03
608220.54	4200741.15	89013.93429	0.23718	0.24025	0.0344	0.0332	7.72E-04	9.47E-05	9.72E-05	2.23E-05	2.14E-05	1.0075E-03
608220.54	4200748.75	88624.64818	0.23444	0.23752	0.03508	0.03386	7.69E-04	9.36E-05	9.61E-05	2.27E-05	2.18E-05	1.0028E-03
608220.54	4200756.35	88057.2477	0.2317	0.23479	0.03576	0.03452	7.64E-04	9.25E-05	9.50E-05	2.32E-05	2.23E-05	9.9655E-04
608220.54	4200763.95	87361.67552	0.22897	0.23207	0.03645	0.03519	7.58E-04	9.14E-05	9.39E-05	2.36E-05	2.27E-05	9.8921E-04
608220.54	4200771.55	86575.7011	0.22625	0.22935	0.03714	0.03586	7.51E-04	9.03E-05	9.28E-05	2.41E-05	2.31E-05	9.8109E-04
608220.54	4200779.15	85714.97076	0.22354	0.22664	0.03784	0.03655	7.43E-04	8.93E-05	9.17E-05	2.45E-05	2.36E-05	9.7234E-04
608220.54	4200786.75	84807.55874	0.22083	0.22394	0.03854	0.03723	7.35E-04	8.82E-05	9.06E-05	2.50E-05	2.40E-05	9.6319E-04
608220.54	4200794.35	83873.06017	0.21814	0.22125	0.03926	0.03793	7.27E-04	8.71E-05	8.95E-05	2.54E-05	2.45E-05	9.5384E-04
608220.54	4200801.95	82909.993	0.21546	0.21857	0.03997	0.03863	7.19E-04	8.60E-05	8.84E-05	2.59E-05	2.49E-05	9.4425E-04
608220.54	4200809.55	81936.35822	0.2128	0.2159	0.04069	0.03933	7.11E-04	8.50E-05	8.73E-05	2.64E-05	2.54E-05	9.3458E-04
608220.54	4200817.15	80964.21719	0.21015	0.21325	0.04141	0.04004	7.02E-04	8.39E-05	8.63E-05	2.68E-05	2.58E-05	9.2494E-04
608220.54	4200824.75	80000.63817	0.20751	0.21061	0.04214	0.04075	6.94E-04	8.29E-05	8.52E-05	2.73E-05	2.63E-05	9.1540E-04
608220.54	4200832.35	79048.70098	0.2049	0.20799	0.04287	0.04147	6.86E-04	8.18E-05	8.41E-05	2.78E-05	2.67E-05	9.0598E-04
608220.54	4200839.95	78129.91821	0.20231	0.20539	0.04361	0.04219	6.78E-04	8.08E-05	8.31E-05	2.82E-05	2.72E-05	8.9686E-04
608220.54	4200847.55	77227.01365	0.19974	0.20281	0.04435	0.04291	6.70E-04	7.98E-05	8.20E-05	2.87E-05	2.77E-05	8.8791E-04
608220.54	4200855.15	76340.03198	0.19718	0.20025	0.04509	0.04364	6.62E-04	7.87E-05	8.10E-05	2.92E-05	2.81E-05	8.7911E-04
608220.54	4200862.75	75475.08913	0.19465	0.19771	0.04583	0.04437	6.55E-04	7.77E-05	8.00E-05	2.97E-05	2.86E-05	8.7052E-04
608220.54	4200870.35	74634.79925	0.19214	0.19519	0.04657	0.0451	6.47E-04	7.67E-05	7.90E-05	3.02E-05	2.91E-05	8.6216E-04
608227.41	4200733.55	86026.15981	0.23553	0.23853	0.03367	0.0325	7.46E-04	9.40E-05	9.65E-05	2.18E-05	2.10E-05	9.7933E-04
608227.41	4200741.15	85930.68958	0.23289	0.23589	0.03432	0.03314	7.45E-04	9.30E-05	9.54E-05	2.22E-05	2.14E-05	9.7721E-04
608227.41	4200748.75	85633.31648	0.23024	0.23325	0.03499	0.03379	7.43E-04	9.19E-05	9.44E-05	2.27E-05	2.18E-05	9.7336E-04
608227.41	4200756.35	85173.25771	0.22758	0.23061	0.03566	0.03444	7.39E-04	9.09E-05	9.33E-05	2.31E-05	2.22E-05	9.6809E-04
608227.41	4200763.95	84589.3499	0.22493	0.22796	0.03634	0.0351	7.34E-04	8.98E-05	9.22E-05	2.35E-05	2.26E-05	9.6176E-04
608227.41	4200771.55	83917.21421	0.22229	0.22532	0.03703	0.03577	7.28E-04	8.88E-05	9.11E-05	2.40E-05	2.31E-05	9.5469E-04
608227.41	4200779.15	83173.74353	0.21965	0.22269	0.03772	0.03644	7.21E-04	8.77E-05	9.01E-05	2.44E-05	2.35E-05	9.4700E-04
608227.41	4200786.75	82389.87764	0.21703	0.22007	0.03841	0.03712	7.14E-04	8.67E-05	8.90E-05	2.49E-05	2.39E-05	9.3899E-04
608227.41	4200794.35	81575.423	0.21442	0.21746	0.03911	0.0378	7.07E-04	8.56E-05	8.80E-05	2.53E-05	2.44E-05	9.3072E-04
608227.41	4200801.95	80736.97037	0.21182	0.21486	0.03982	0.03849	7.00E-04	8.46E-05	8.69E-05	2.58E-05	2.48E-05	9.2226E-04
608227.41	4200809.55	79876.98205	0.20923	0.21227	0.04053	0.03919	6.93E-04	8.35E-05	8.59E-05	2.62E-05	2.53E-05	9.1363E-04
608227.41	4200817.15	79009.31478	0.20665	0.20969	0.04124	0.03989	6.85E-04	8.25E-05	8.48E-05	2.67E-05	2.57E-05	9.0495E-04
608227.41	4200824.75	78143.71981	0.20409	0.20712	0.04196	0.04059	6.78E-04	8.15E-05	8.38E-05	2.72E-05	2.62E-05	8.9629E-04
608227.41	4200832.35	77285.21606	0.20155	0.20457	0.04268	0.0413	6.70E-04	8.05E-05	8.28E-05	2.76E-05	2.66E-05	8.8773E-04
608227.41	4200839.95	76443.81236	0.19903	0.20205	0.04341	0.04201	6.63E-04	7.95E-05	8.17E-05	2.81E-05	2.71E-05	8.7934E-04
608227.41	4200847.55	75618.24801	0.19653	0.19954	0.04413	0.04272	6.56E-04	7.85E-05	8.07E-05	2.86E-05	2.76E-05	8.7109E-04
608227.41	4200855.15	74807.02142	0.19405	0.19705	0.04486	0.04344	6.49E-04	7.75E-05	7.97E-05	2.91E-05	2.80E-05	8.6299E-04
608227.41	4200862.75	74008.91949	0.19159	0.19457	0.04559	0.04416	6.42E-04	7.65E-05	7.87E-05	2.95E-05	2.85E-05	8.5502E-04
608227.41	4200870.35	73229.66258	0.18914	0.19212	0.04633	0.04488	6.35E-04	7.55E-05	7.77E-05	3.00E-05	2.89E-05	8.4724E-04
608234.28	4200741.15	83121.99098	0.2287	0.23164	0.03425	0.03307	7.21E-04	9.13E-05	9.37E-05	2.22E-05	2.13E-05	9.4937E-04
608234.28	4200748.75	82893.07732	0.22613	0.22908	0.03491	0.03371	7.19E-04	9.03E-05	9.27E-05	2.26E-05	2.17E-05	9.4616E-04
608234.28	4200756.35	82518.7857	0.22356	0.22652	0.03557	0.03436	7.16E-04	8.93E-05	9.16E-05	2.30E-05	2.22E-05	9.4170E-04
608234.28	4200763.95	82034.84545	0.221	0.22396	0.03624	0.03501	7.11E-04	8.82E-05	9.06E-05	2.35E-05	2.26E-05	9.3630E-04
608234.28	4200771.55	81462.48944	0.21843	0.2214	0.03692	0.03567	7.06E-04	8.72E-05	8.96E-05	2.39E-05	2.30E-05	9.3014E-04
608234.28	4200779.15	80824.83498	0.21587	0.21884	0.0376	0.03633	7.01E-04	8.62E-05	8.85E-05	2.43E-05	2.34E-05	9.2342E-04
608234.28	4200786.75	80138.32774	0.21332	0.21629	0.03828	0.037	6.95E-04	8.52E-05	8.75E-05	2.48E-05	2.39E-05	9.1629E-04
608234.28	4200794.35	79417.93319	0.21078	0.21375	0.03898	0.03768	6.89E-04	8.42E-05	8.65E-05	2.52E-05	2.43E-05	9.0889E-04
608234.28	4200801.95	78686.05028	0.20826	0.21123	0.03967	0.03836	6.82E-04	8.32E-05	8.54E-05	2.57E-05	2.47E-05	9.0140E-04
608234.28	4200809.55	77924.82199	0.20575	0.20872	0.04037	0.03905	6.76E-04	8.22E-05	8.44E-05	2.61E-05	2.52E-05	8.9368E-04
608234.28	4200817.15	77151.18761	0.20324	0.20621	0.04108	0.03974	6.69E-04	8.12E-05	8.34E-05	2.66E-05	2.56E-05	8.8586E-04
608234.28	4200824.75	76370.38959	0.20075	0.20371	0.04178	0.04043	6.62E-04	8.02E-05	8.24E-05	2.71E-05	2.61E-05	8.7798E-04
608234.28	4200832.35	75593.62651	0.19828	0.20124	0.04249	0.04113	6.56E-04	7.92E-05	8.14E-05	2.75E-05	2.65E-05	8.7017E-04
608234.28	4200839.95	74822.80208	0.19583	0.19877	0.04321	0.04183	6.49E-04	7.82E-05	8.04E-05	2.80E-05	2.70E-05	8.6243E-04
608234.28	4200847.55	74066.36741	0.19339	0.19633	0.04392	0.04253	6.42E-04	7.72E-05	7.94E-05	2.84E-05	2.74E-05	8.5482E-04
608234.28	4200855.15	73324.10159	0.19098	0.19391	0.04464	0.04324	6.36E-04	7.63E-05	7.84E-05	2.89E-05	2.79E-05	8.4736E-04
608234.28	4200862.75	72590.25011	0.18858	0.1915	0.04536	0.04395	6.30E-04	7.53E-05	7.75E-05	2.94E-05	2.83E-05	8.3999E-04
608234.28	4200870.35	71869.36384	0.18621	0.18912	0.04608	0.04466	6.23E-04	7.44E-05	7.65E-05	2.98E-05	2.88E-05	8.3276E-04
608240.38	4200722.19	80603.87685	0.2313	0.23416	0.03258	0.03146	6.99E-04	9.24E-05	9.47E-05	2.11E-05	2.03E-05	9.2747E-04
608240.73	4200729.53	80699.30636	0.22868	0.23155	0.03319	0.03205	7.00E-04	9.13E-05	9.37E-05	2.15E-05	2.07E-05	9.2697E-04
608241.15	4200741.15	80560.20578	0.22462	0.2275	0.03417	0.033	6.99E-04	8.97E-05	9.20E-05	2.21E-05	2.13E-05	9.2375E-04
608241.15	4200748.75	80375.55883	0.22213	0.22501	0.03482	0.03364	6.97E-04	8.87E-05	9.10E-05	2.25E-05	2.17E-05	9.2098E-04
608241.15	4200756.35	80070.19638	0.21964	0.22253	0.03547	0.03427	6.94E-04	8.77E-05	9.00E-05	2.30E-05	2.21E-05	9.1716E-04
608241.15	4200763.95	79670.48242	0.21715	0.22005	0.03614	0.03492	6.91E-04	8.67E-05	8.90E-05	2.34E-05	2.25E-05	9.1255E-04
608241.15	4200771.55	79185.98984	0.21467	0.21757	0.0368	0.03557	6.87E-04	8.57E-05	8.80E-05	2.38E-05	2.29E-05	9.0721E-04
608241.15	4200779.15	78633.97299	0.21218	0.21509	0.03748	0.03623	6.82E-04	8.47E-05	8.70E-05	2.43E-05	2.34E-05	9.0129E-04
608241.15	4200786.75	78032.1724	0.20971	0.21261	0.03816	0.03689	6.77E-04	8.37E-05	8.60E-05	2.47E-05	2.38E-05	8.9495E-04
608241.15	4200794.35	77398.97744	0.20724	0.21014	0.03884	0.03756	6.71E-04	8.28E-05	8.50E-05	2.52E-05	2.42E-05	8.8834E-04
608241.15	4200801.95	76749.28477	0.20479	0.20769	0.03952	0.03823	6.66E-04	8.18E-05	8.40E-05	2.56E-05	2.47E-05	8.8161E-04
608241.15	4200809.55	76073.60921	0.20235	0.20525	0.04021	0.03891	6.60E-04	8.08E-05	8.30E-05	2.60E-05	2.51E-05	8.7467E-04
608241.15	4200817.15	75380.63245	0.19991	0.20281	0.04091	0.03959	6.54E-04	7.98E-05	8.20E-05	2.65E-05	2.55E-05	8.6760E-04
608241.15	4200824.75	74678.83328	0.19749	0.20039	0.0416	0.04027	6.48E-04	7.89E-05	8.11E-05	2.69E-05	2.60E-05	8.6045E-04
608241.15	4200832.35	73975.032	0.19509	0.19798	0.0423	0.04096	6.42E-04	7.79E-05	8.01E-05	2.74E-05	2.64E-05	8.5331E-04
608241.15	4200839.95	73271.34004	0.1927	0.19558	0.04301	0.04165	6.35E-04	7.69E-05	7.91E-05	2.79E-05	2.69E-05	8.4619E-04
608241.15	4200847.55	72575.73235	0.19033	0.1932	0.04371	0.04234	6.29E-04	7.60E-05	7.82E-05	2.83E-05	2.73E-05	8.3915E-04
608241.15	4200855.15	71889.10315	0.18798	0.19084	0.04442	0.04304	6.23E-04	7.51E-05	7.72E-05	2.88E-05	2.78E-05	8.3221E-04
608241.15	4200862.75	71215.68103	0.18565	0.1885	0.04513	0.04374	6.18E-04	7.41E-05	7.63E-05	2.92E-05	2.82E-05	8.2540E-04
608241.15	4200870.35	70548.55577	0.18334	0.18618	0.04584	0.04444	6.12E-04	7.32E-05	7.53E-05	2.97E-05	2.87E-05	8.1867E-04
608248.02	4200741.15	78214.06233	0.22065	0.22346	0.03409	0.03293	6.78E-04	8.81E-05	9.04E-05	2.21E-05	2.12E-05	9.0009E-04
608248.02	4200748.75	78063.97645	0.21823	0.22105	0.03473	0.03356	6.77E-04	8.71E-05	8.94E-05	2.25E-05	2.16E-05	8.9767E-04
608248.02	4200756.35	77814.15353	0.21582	0.21864	0.03538	0.03419	6.75E-04	8.62E-05	8.84E-05	2.29E-05	2.21E-05	8.9439E-04
608248.02	4200763.95	77478.06936	0.21341	0.21624	0.03603	0.03483	6.72E-04	8.52E-05	8.75E-05	2.33E-05	2.25E-05	8.9038E-04
608248.02	4200771.55	77063.68932	0.21099	0.21383	0.03669	0.03547	6.68E-04	8.42E-05	8.65E-05	2.38E-05	2.29E-05	8.8568E-04
608248.02	4200779.15	76583.97593	0.20858	0.21142	0.03736	0.03612	6.64E-04	8.33E-05	8.55E-05	2.42E-05	2.33E-05	8.8044E-04
608248.02	4200786.75	76056.09245	0.20618	0.20902	0.03803	0.03678	6.60E-04	8.23E-05	8.46E-05	2.46E-05	2.37E-05	8.7479E-04
608248.02	4200794.35	75497.33769	0.20378	0.20662	0.0387	0.03743	6.55E-04	8.14E-05	8.36E-05	2.51E-05	2.41E-05	8.6887E-04
608248.02	4200801.95	74914.864	0.20139	0.20423	0.03938	0.0381	6.50E-04	8.04E-05	8.26E-05	2.55E-05	2.46E-05	8.6277E-04
608248.02	4200809.55	74313.54242	0.19902	0.20186	0.04006	0.03877	6.44E-04	7.95E-05	8.17E-05	2.59E-05	2.50E-05	8.5652E-04
608248.02	4200817.15	73693.31097	0.19666	0.19949	0.04074	0.03944	6.39E-04	7.85E-05	8.07E-05	2.64E-05	2.54E-05	8.5012E-04
608248.02	4200824.75	73061.45304	0.1943	0.19714	0.04143	0.04011	6.34E-04	7.76E-05	7.97E-05	2.68E-05	2.59E-05	8.4362E-04
608248.02	4200832.35	72422.87806	0.19196	0.19479	0.04212	0.04079	6.28E-04	7.66E-05	7.88E-05	2.73E-05	2.63E-05	8.3708E-04
608248.02	4200839.95	71782.7679	0.18964	0.19246	0.04282	0.04147	6.23E-04	7.57E-05	7.79E-05	2.77E-05	2.67E-05	8.3056E-04
608248.02	4200847.55	71142.57717	0.18733	0.19014	0.04351	0.04216	6.17E-04	7.48E-05	7.69E-05	2.82E-05	2.72E-05	8.2404E-04
608248.02	4200855.15	70509.28278	0.18504	0.18784	0.04421	0.04284	6.11E-04	7.39E-05	7.60E-05	2.86E-05	2.76E-05	8.1759E-04
608248.02	4200862.75	69884.56999	0.18277	0.18556	0.04491	0.04353	6.06E-04	7.30E-05	7.51E-05	2.91E-05	2.81E-05	8.1124E-04
608248.02	4200870.35	69268.06398	0.18052	0.1833	0.0456	0.04422	6.01E-04	7.21E-05	7.41E-05	2.95E-05	2.85E-05	8.0498E-04
608248.07	4200730.93	78185.76283	0.22387	0.22667	0.03323	0.0321	6.78E-04	8.94E-05	9.17E-05	2.15E-05	2.07E-05	9.0134E-04
608248.42	4200723.59	77890.02138	0.22599	0.22877	0.03262	0.03151	6.75E-04	9.02E-05	9.25E-05	2.11E-05	2.03E-05	8.9969E-04
608254.89	4200741.15	76051.99274	0.21678	0.21953	0.034	0.03287	6.60E-04	8.66E-05	8.88E-05	2.20E-05	2.12E-05	8.7811E-04
608254.89	4200748.75	75934.16395	0.21443	0.21719	0.03464	0.03349	6.59E-04	8.56E-05	8.79E-05	2.24E-05	2.16E-05	8.7602E-04
608254.89	4200756.35	75724.58684	0.21209	0.21485	0.03528	0.03411	6.57E-04	8.47E-05	8.69E-05	2.28E-05	2.20E-05	8.7313E-04
608254.89	4200763.95	75436.55937	0.20975	0.21252	0.03593	0.03474	6.54E-04	8.38E-05	8.60E-05	2.33E-05	2.24E-05	8.6958E-04
608254.89	4200771.55	75080.61973	0.20741	0.21018	0.03658	0.03538	6.51E-04	8.28E-05	8.50E-05	2.37E-05	2.28E-05	8.6545E-04
608254.89	4200779.15	74663.8293	0.20507	0.20784	0.03724	0.03602	6.47E-04	8.19E-05	8.41E-05	2.41E-05	2.32E-05	8.6080E-04
608254.89	4200786.75	74200.94919	0.20273	0.20551	0.0379	0.03666	6.43E-04	8.09E-05	8.31E-05	2.45E-05	2.36E-05	8.5574E-04
608254.89	4200794.35	73703.7932	0.2004	0.20318	0.03856	0.03731	6.39E-04	8.00E-05	8.22E-05	2.50E-05	2.41E-05	8.5041E-04
608254.89	4200801.95	73179.64244	0.19808	0.20086	0.03923	0.03797	6.35E-04	7.91E-05	8.13E-05	2.54E-05	2.45E-05	8.4486E-04
608254.89	4200809.55	72641.20054	0.19577	0.19855	0.0399	0.03863	6.30E-04	7.82E-05	8.03E-05	2.58E-05	2.49E-05	8.3919E-04
608254.89	4200817.15	72084.70621	0.19347	0.19625	0.04058	0.03929	6.25E-04	7.73E-05	7.94E-05	2.63E-05	2.53E-05	8.3338E-04
608254.89	4200824.75	71516.47171	0.19119	0.19396	0.04126	0.03996	6.20E-04	7.63E-05	7.85E-05	2.67E-05	2.58E-05	8.2749E-04
608254.89	4200832.35	70935.96889	0.18891	0.19168	0.04194	0.04062	6.15E-04	7.54E-05	7.75E-05	2.72E-05	2.62E-05	8.2149E-04
608254.89	4200839.95	70351.44311	0.18665	0.18941	0.04262	0.0413	6.10E-04	7.45E-05	7.66E-05	2.76E-05	2.66E-05	8.1548E-04
608254.89	4200847.55	69765.57845	0.1844	0.18715	0.04331	0.04197	6.05E-04	7.36E-05	7.57E-05	2.80E-05	2.71E-05	8.0946E-04
608254.89	4200855.15	69179.57134	0.18217	0.18491	0.04399	0.04265	6.00E-04	7.27E-05	7.48E-05	2.85E-05	2.75E-05	8.0346E-04
608254.89	4200862.75	68599.39519	0.17996	0.18269	0.04468	0.04333	5.95E-04	7.19E-05	7.39E-05	2.89E-05	2.79E-05	7.9754E-04
608254.89	4200870.35	68027.28247	0.17777	0.18049	0.04537	0.04401	5.90E-04	7.10E-05	7.30E-05	2.94E-05	2.84E-05	7.9170E-04
608255.41	4200731.98	75875.7368	0.21931	0.22205	0.03324	0.03212	6.58E-04	8.76E-05	8.98E-05	2.15E-05	2.07E-05	8.7763E-04
608255.76	4200725.34	75631.78676	0.22115	0.22387	0.03269	0.03159	6.56E-04	8.83E-05	9.06E-05	2.12E-05	2.04E-05	8.7629E-04
608261.76	4200741.15	74048.73817	0.21301	0.2157	0.03392	0.0328	6.42E-04	8.51E-05	8.73E-05	2.20E-05	2.12E-05	8.5758E-04
608261.76	4200748.75	73958.86393	0.21073	0.21343	0.03455	0.03341	6.41E-04	8.41E-05	8.63E-05	2.24E-05	2.15E-05	8.5578E-04
608261.76	4200756.35	73779.91308	0.20845	0.21116	0.03518	0.03403	6.40E-04	8.32E-05	8.54E-05	2.28E-05	2.19E-05	8.5321E-04
608261.76	4200763.95	73529.95255	0.20618	0.20889	0.03582	0.03465	6.38E-04	8.23E-05	8.45E-05	2.32E-05	2.23E-05	8.5003E-04
608261.76	4200771.55	73223.1292	0.20391	0.20662	0.03647	0.03528	6.35E-04	8.14E-05	8.36E-05	2.36E-05	2.28E-05	8.4637E-04
608261.76	4200779.15	72859.5809	0.20163	0.20435	0.03711	0.03591	6.32E-04	8.05E-05	8.27E-05	2.40E-05	2.32E-05	8.4221E-04
608261.76	4200786.75	72452.27234	0.19937	0.20208	0.03777	0.03655	6.28E-04	7.96E-05	8.17E-05	2.45E-05	2.36E-05	8.3770E-04
608261.76	4200794.35	72009.93725	0.1971	0.19982	0.03842	0.03719	6.24E-04	7.87E-05	8.08E-05	2.49E-05	2.40E-05	8.3287E-04
608261.76	4200801.95	71539.54315	0.19484	0.19756	0.03908	0.03784	6.20E-04	7.78E-05	7.99E-05	2.53E-05	2.44E-05	8.2782E-04
608261.76	4200809.55	71052.70285	0.1926	0.19531	0.03975	0.03849	6.16E-04	7.69E-05	7.90E-05	2.57E-05	2.48E-05	8.2265E-04
608261.76	4200817.15	70550.65072	0.19036	0.19307	0.04041	0.03914	6.12E-04	7.60E-05	7.81E-05	2.62E-05	2.52E-05	8.1734E-04
608261.76	4200824.75	70038.4657	0.18814	0.19085	0.04108	0.0398	6.07E-04	7.51E-05	7.72E-05	2.66E-05	2.57E-05	8.1198E-04
608261.76	4200832.35	69511.18696	0.18593	0.18863	0.04175	0.04046	6.03E-04	7.42E-05	7.63E-05	2.70E-05	2.61E-05	8.0648E-04
608261.76	4200839.95	68976.51387	0.18373	0.18642	0.04243	0.04112	5.98E-04	7.34E-05	7.54E-05	2.75E-05	2.65E-05	8.0094E-04
608261.76	4200847.55	68438.44741	0.18154	0.18423	0.0431	0.04179	5.94E-04	7.25E-05	7.45E-05	2.79E-05	2.70E-05	7.9538E-04
608261.76	4200855.15	67899.18229	0.17937	0.18205	0.04378	0.04245	5.89E-04	7.16E-05	7.36E-05	2.84E-05	2.74E-05	7.8982E-04
608261.76	4200862.75	67359.67874	0.17721	0.17988	0.04446	0.04312	5.84E-04	7.08E-05	7.28E-05	2.88E-05	2.78E-05	7.8427E-04
608261.76	4200870.35	66826.00939	0.17507	0.17773	0.04514	0.0438	5.80E-04	6.99E-05	7.19E-05	2.92E-05	2.82E-05	7.7880E-04
608268.63	4200741.15	72175.44599	0.20932	0.21195	0.03384	0.03273	6.26E-04	8.36E-05	8.57E-05	2.19E-05	2.11E-05	8.3825E-04
608268.63	4200748.75	72110.29627	0.20711	0.20975	0.03446	0.03333	6.25E-04	8.27E-05	8.48E-05	2.23E-05	2.15E-05	8.3670E-04
608268.63	4200756.35	71964.36661	0.20491	0.20755	0.03508	0.03394	6.24E-04	8.18E-05	8.40E-05	2.27E-05	2.19E-05	8.3446E-04
608268.63	4200763.95	71747.9602	0.20269	0.20535	0.03572	0.03456	6.22E-04	8.09E-05	8.31E-05	2.31E-05	2.23E-05	8.3163E-04
608268.63	4200771.55	71484.48887	0.20049	0.20315	0.03635	0.03518	6.20E-04	8.01E-05	8.22E-05	2.35E-05	2.27E-05	8.2838E-04
608268.63	4200779.15	71164.1371	0.19828	0.20094	0.03699	0.03581	6.17E-04	7.92E-05	8.13E-05	2.40E-05	2.31E-05	8.2465E-04
608268.63	4200786.75	70802.86582	0.19608	0.19874	0.03764	0.03644	6.14E-04	7.83E-05	8.04E-05	2.44E-05	2.35E-05	8.2057E-04
608268.63	4200794.35	70407.70556	0.19388	0.19654	0.03828	0.03707	6.11E-04	7.74E-05	7.95E-05	2.48E-05	2.39E-05	8.1620E-04

608268.63	4200801.95	69987.0579	0.19168	0.19434	0.03893	0.03771	6.07E-04	7.65E-05	7.86E-05	2.52E-05	2.43E-05	8.1162E-04
608268.63	4200809.55	69543.77397	0.1895	0.19215	0.03959	0.03835	6.03E-04	7.57E-05	7.77E-05	2.56E-05	2.47E-05	8.0685E-04
608268.63	4200817.15	69089.35838	0.18732	0.18998	0.04025	0.03899	5.99E-04	7.48E-05	7.68E-05	2.61E-05	2.51E-05	8.0201E-04
608268.63	4200824.75	68626.61607	0.18516	0.18781	0.04091	0.03964	5.95E-04	7.39E-05	7.60E-05	2.65E-05	2.56E-05	7.9710E-04
608268.63	4200832.35	68145.38283	0.18301	0.18565	0.04157	0.04029	5.91E-04	7.31E-05	7.51E-05	2.69E-05	2.60E-05	7.9204E-04
608268.63	4200839.95	67655.39909	0.18087	0.1835	0.04224	0.04095	5.87E-04	7.22E-05	7.42E-05	2.74E-05	2.64E-05	7.8693E-04
608268.63	4200847.55	67160.47418	0.17874	0.18137	0.0429	0.0416	5.82E-04	7.14E-05	7.34E-05	2.78E-05	2.68E-05	7.8177E-04
608268.63	4200855.15	66662.53445	0.17662	0.17924	0.04357	0.04226	5.78E-04	7.05E-05	7.25E-05	2.82E-05	2.73E-05	7.7660E-04
608268.63	4200862.75	66163.5559	0.17452	0.17713	0.04424	0.04292	5.74E-04	6.97E-05	7.17E-05	2.86E-05	2.77E-05	7.7144E-04
608268.63	4200870.35	65665.03369	0.17244	0.17504	0.04491	0.04358	5.69E-04	6.89E-05	7.08E-05	2.91E-05	2.81E-05	7.6630E-04
608275.5	4200741.15	70428.11853	0.20572	0.2083	0.03375	0.03266	6.11E-04	8.21E-05	8.43E-05	2.19E-05	2.11E-05	8.2008E-04
608275.5	4200733.55	70397.12613	0.20786	0.21043	0.03315	0.03206	6.10E-04	8.30E-05	8.51E-05	2.15E-05	2.07E-05	8.2075E-04
608275.5	4200748.75	70384.69387	0.20359	0.20617	0.03437	0.03325	6.10E-04	8.13E-05	8.34E-05	2.23E-05	2.14E-05	8.1877E-04
608275.5	4200756.35	70266.05178	0.20144	0.20403	0.03499	0.03386	6.09E-04	8.04E-05	8.25E-05	2.27E-05	2.18E-05	8.1682E-04
608275.5	4200763.95	70080.91422	0.1993	0.20189	0.03561	0.03447	6.08E-04	7.96E-05	8.17E-05	2.31E-05	2.22E-05	8.1429E-04
608275.5	4200771.55	69845.92507	0.19715	0.19975	0.03624	0.03508	6.06E-04	7.87E-05	8.08E-05	2.35E-05	2.26E-05	8.1133E-04
608275.5	4200779.15	69564.18928	0.19501	0.19761	0.03687	0.0357	6.03E-04	7.79E-05	7.99E-05	2.39E-05	2.30E-05	8.0797E-04
608275.5	4200786.75	69243.9115	0.19287	0.19547	0.03751	0.03632	6.00E-04	7.70E-05	7.91E-05	2.43E-05	2.34E-05	8.0429E-04
608275.5	4200794.35	68889.95915	0.19073	0.19333	0.03814	0.03695	5.97E-04	7.62E-05	7.82E-05	2.47E-05	2.38E-05	8.0031E-04
608275.5	4200801.95	68510.97874	0.1886	0.1912	0.03879	0.03758	5.94E-04	7.53E-05	7.73E-05	2.51E-05	2.42E-05	7.9614E-04
608275.5	4200809.55	68111.35294	0.18647	0.18907	0.03943	0.03821	5.91E-04	7.45E-05	7.65E-05	2.55E-05	2.46E-05	7.9178E-04
608275.5	4200817.15	67697.41486	0.18435	0.18695	0.04008	0.03885	5.87E-04	7.36E-05	7.56E-05	2.60E-05	2.51E-05	7.8732E-04
608275.5	4200824.75	67273.22708	0.18225	0.18484	0.04073	0.03949	5.83E-04	7.28E-05	7.48E-05	2.64E-05	2.55E-05	7.8279E-04
608275.5	4200832.35	66834.35339	0.18016	0.18274	0.04139	0.04013	5.80E-04	7.19E-05	7.39E-05	2.68E-05	2.59E-05	7.7814E-04
608275.5	4200839.95	66385.6079	0.17807	0.18065	0.04204	0.04078	5.76E-04	7.11E-05	7.31E-05	2.72E-05	2.63E-05	7.7340E-04
608275.5	4200847.55	65929.52641	0.176	0.17857	0.0427	0.04142	5.72E-04	7.03E-05	7.22E-05	2.77E-05	2.67E-05	7.6862E-04
608275.5	4200855.15	65469.07328	0.17394	0.1765	0.04336	0.04207	5.68E-04	6.95E-05	7.14E-05	2.81E-05	2.71E-05	7.6382E-04
608275.5	4200862.75	65006.08722	0.17189	0.17444	0.04402	0.04272	5.64E-04	6.86E-05	7.06E-05	2.85E-05	2.76E-05	7.5900E-04
608275.5	4200870.35	64541.85777	0.16986	0.1724	0.04468	0.04338	5.60E-04	6.78E-05	6.97E-05	2.89E-05	2.80E-05	7.5419E-04
608282.37	4200741.15	68800.9184	0.20222	0.20474	0.03367	0.03258	5.97E-04	8.07E-05	8.28E-05	2.18E-05	2.10E-05	8.0303E-04
608282.37	4200748.75	68768.47335	0.20014	0.20267	0.03428	0.03318	5.96E-04	7.99E-05	8.20E-05	2.22E-05	2.14E-05	8.0186E-04
608282.37	4200733.55	68766.36804	0.2043	0.20681	0.03307	0.032	5.96E-04	8.16E-05	8.37E-05	2.14E-05	2.06E-05	8.0363E-04
608282.37	4200756.35	68669.42275	0.19806	0.2006	0.03489	0.03377	5.96E-04	7.91E-05	8.11E-05	2.26E-05	2.18E-05	8.0011E-04
608282.37	4200763.95	68509.18373	0.19598	0.19852	0.0355	0.03437	5.94E-04	7.83E-05	8.03E-05	2.30E-05	2.22E-05	7.9783E-04
608282.37	4200771.55	68298.45384	0.19389	0.19644	0.03612	0.03498	5.92E-04	7.74E-05	7.95E-05	2.34E-05	2.26E-05	7.9512E-04
608282.37	4200779.15	68050.00912	0.19181	0.19436	0.03675	0.03559	5.90E-04	7.66E-05	7.86E-05	2.38E-05	2.30E-05	7.9210E-04
608282.37	4200786.75	67766.49986	0.18973	0.19228	0.03738	0.03621	5.88E-04	7.58E-05	7.78E-05	2.42E-05	2.34E-05	7.8878E-04
608282.37	4200794.35	67451.05074	0.18766	0.1902	0.03801	0.03682	5.85E-04	7.49E-05	7.69E-05	2.46E-05	2.37E-05	7.8517E-04
608282.37	4200801.95	67108.4194	0.18558	0.18813	0.03864	0.03745	5.82E-04	7.41E-05	7.61E-05	2.50E-05	2.42E-05	7.8135E-04
608282.37	4200809.55	66744.49017	0.18351	0.18605	0.03928	0.03807	5.79E-04	7.33E-05	7.53E-05	2.54E-05	2.46E-05	7.7734E-04
608282.37	4200817.15	66366.35532	0.18145	0.18399	0.03992	0.0387	5.76E-04	7.25E-05	7.44E-05	2.59E-05	2.50E-05	7.7322E-04
608282.37	4200824.75	65974.12693	0.1794	0.18194	0.04056	0.03933	5.72E-04	7.16E-05	7.36E-05	2.63E-05	2.54E-05	7.6900E-04
608282.37	4200832.35	65576.39295	0.17736	0.1799	0.04121	0.03997	5.69E-04	7.08E-05	7.28E-05	2.67E-05	2.58E-05	7.6474E-04
608282.37	4200839.95	65164.62005	0.17534	0.17786	0.04185	0.0406	5.65E-04	7.00E-05	7.19E-05	2.71E-05	2.62E-05	7.6036E-04
608282.37	4200847.55	64743.56135	0.17332	0.17583	0.0425	0.04124	5.61E-04	6.92E-05	7.11E-05	2.75E-05	2.66E-05	7.5591E-04
608282.37	4200855.15	64317.0885	0.17131	0.17382	0.04315	0.04188	5.58E-04	6.84E-05	7.03E-05	2.79E-05	2.70E-05	7.5143E-04
608282.37	4200862.75	63886.85798	0.16932	0.17181	0.0438	0.04253	5.54E-04	6.76E-05	6.95E-05	2.84E-05	2.74E-05	7.4693E-04
608282.37	4200870.35	63454.10199	0.16734	0.16982	0.04445	0.04317	5.50E-04	6.68E-05	6.87E-05	2.88E-05	2.78E-05	7.4242E-04
608289.24	4200741.15	67275.3039	0.1988	0.20127	0.03359	0.03251	5.83E-04	7.94E-05	8.14E-05	2.18E-05	2.10E-05	7.8693E-04
608289.24	4200748.75	67248.57278	0.19678	0.19926	0.03419	0.0331	5.83E-04	7.86E-05	8.06E-05	2.21E-05	2.13E-05	7.8585E-04
608289.24	4200733.55	67238.31862	0.20082	0.20328	0.03299	0.03193	5.83E-04	8.02E-05	8.22E-05	2.14E-05	2.06E-05	7.8747E-04
608289.24	4200756.35	67163.01147	0.19476	0.19724	0.03479	0.03369	5.82E-04	7.78E-05	7.98E-05	2.25E-05	2.17E-05	7.8425E-04
608289.24	4200763.95	67026.79882	0.19274	0.19523	0.0354	0.03428	5.81E-04	7.70E-05	7.90E-05	2.29E-05	2.21E-05	7.8223E-04
608289.24	4200771.55	66840.95498	0.19071	0.1932	0.03601	0.03488	5.80E-04	7.62E-05	7.82E-05	2.33E-05	2.25E-05	7.7977E-04
608289.24	4200779.15	66617.14779	0.18869	0.19118	0.03662	0.03548	5.78E-04	7.53E-05	7.73E-05	2.37E-05	2.29E-05	7.7698E-04
608289.24	4200786.75	66361.58271	0.18666	0.18916	0.03724	0.03609	5.75E-04	7.45E-05	7.65E-05	2.41E-05	2.33E-05	7.7394E-04
608289.24	4200794.35	66080.81128	0.18465	0.18714	0.03787	0.0367	5.73E-04	7.37E-05	7.57E-05	2.45E-05	2.37E-05	7.7068E-04
608289.24	4200801.95	65770.24324	0.18263	0.18512	0.03849	0.03732	5.70E-04	7.29E-05	7.49E-05	2.49E-05	2.41E-05	7.6717E-04
608289.24	4200809.55	65441.18838	0.18062	0.18311	0.03912	0.03793	5.68E-04	7.21E-05	7.41E-05	2.53E-05	2.45E-05	7.6350E-04
608289.24	4200817.15	65093.53209	0.17861	0.1811	0.03975	0.03855	5.64E-04	7.13E-05	7.33E-05	2.57E-05	2.49E-05	7.5968E-04
608289.24	4200824.75	64733.06795	0.17661	0.1791	0.04039	0.03918	5.61E-04	7.05E-05	7.24E-05	2.62E-05	2.53E-05	7.5576E-04
608289.24	4200832.35	64368.56478	0.17463	0.17711	0.04103	0.03981	5.58E-04	6.97E-05	7.16E-05	2.66E-05	2.57E-05	7.5183E-04
608289.24	4200839.95	63990.00995	0.17266	0.17513	0.04166	0.04043	5.55E-04	6.89E-05	7.08E-05	2.70E-05	2.61E-05	7.4777E-04
608289.24	4200847.55	63601.46152	0.17069	0.17316	0.0423	0.04106	5.52E-04	6.82E-05	7.00E-05	2.74E-05	2.65E-05	7.4363E-04
608289.24	4200855.15	63204.8127	0.16874	0.17119	0.04294	0.0417	5.48E-04	6.74E-05	6.92E-05	2.78E-05	2.69E-05	7.3944E-04
608289.24	4200862.75	62804.41885	0.16679	0.16924	0.04359	0.04233	5.45E-04	6.66E-05	6.85E-05	2.82E-05	2.73E-05	7.3523E-04
608289.24	4200870.35	62400.41817	0.16487	0.1673	0.04423	0.04296	5.41E-04	6.58E-05	6.77E-05	2.86E-05	2.77E-05	7.3100E-04
608296.11	4200741.15	65839.15648	0.19547	0.19789	0.0335	0.03244	5.71E-04	7.81E-05	8.00E-05	2.17E-05	2.09E-05	7.7168E-04
608296.11	4200748.75	65818.30633	0.19351	0.19593	0.03409	0.03302	5.71E-04	7.73E-05	7.93E-05	2.21E-05	2.13E-05	7.7068E-04
608296.11	4200733.55	65796.62669	0.19743	0.19983	0.03292	0.03187	5.71E-04	7.88E-05	8.08E-05	2.13E-05	2.06E-05	7.7213E-04
608296.11	4200756.35	65745.07513	0.19154	0.19397	0.03469	0.0336	5.70E-04	7.65E-05	7.85E-05	2.25E-05	2.17E-05	7.6923E-04
608296.11	4200763.95	65622.90333	0.18957	0.19201	0.03529	0.03419	5.69E-04	7.57E-05	7.77E-05	2.29E-05	2.21E-05	7.6736E-04
608296.11	4200771.55	65460.86618	0.18761	0.19004	0.0359	0.03478	5.68E-04	7.49E-05	7.69E-05	2.32E-05	2.24E-05	7.6515E-04
608296.11	4200779.15	65259.65973	0.18564	0.18807	0.0365	0.03538	5.66E-04	7.41E-05	7.61E-05	2.36E-05	2.28E-05	7.6259E-04
608296.11	4200786.75	65028.45841	0.18367	0.18611	0.03712	0.03598	5.64E-04	7.33E-05	7.53E-05	2.40E-05	2.32E-05	7.5980E-04
608296.11	4200794.35	64773.19793	0.18171	0.18415	0.03773	0.03658	5.62E-04	7.26E-05	7.45E-05	2.44E-05	2.36E-05	7.5679E-04
608296.11	4200801.95	64491.99849	0.17974	0.18218	0.03835	0.03719	5.59E-04	7.18E-05	7.37E-05	2.48E-05	2.40E-05	7.5356E-04
608296.11	4200809.55	64192.75323	0.17779	0.18022	0.03897	0.0378	5.57E-04	7.10E-05	7.29E-05	2.52E-05	2.44E-05	7.5019E-04
608296.11	4200817.15	63876.2471	0.17584	0.17827	0.03959	0.03841	5.54E-04	7.02E-05	7.21E-05	2.56E-05	2.48E-05	7.4668E-04
608296.11	4200824.75	63545.08755	0.17389	0.17632	0.04022	0.03902	5.51E-04	6.94E-05	7.13E-05	2.60E-05	2.52E-05	7.4304E-04
608296.11	4200832.35	63207.22768	0.17196	0.17439	0.04085	0.03964	5.48E-04	6.87E-05	7.05E-05	2.65E-05	2.56E-05	7.3936E-04
608296.11	4200839.95	62858.40744	0.17004	0.17246	0.04148	0.04026	5.45E-04	6.79E-05	6.98E-05	2.69E-05	2.60E-05	7.3560E-04
608296.11	4200847.55	62499.21116	0.16813	0.17054	0.04211	0.04089	5.42E-04	6.71E-05	6.90E-05	2.73E-05	2.64E-05	7.3176E-04
608296.11	4200855.15	62131.41151	0.16622	0.16862	0.04274	0.04151	5.39E-04	6.64E-05	6.82E-05	2.77E-05	2.68E-05	7.2784E-04
608296.11	4200862.75	61758.15039	0.16433	0.16672	0.04337	0.04213	5.36E-04	6.56E-05	6.74E-05	2.81E-05	2.72E-05	7.2389E-04
608296.11	4200870.35	61380.477	0.16245	0.16483	0.04401	0.04276	5.32E-04	6.49E-05	6.67E-05	2.85E-05	2.76E-05	7.1992E-04
608302.98	4200741.15	64479.74504	0.19221	0.19458	0.03342	0.03237	5.59E-04	7.67E-05	7.87E-05	2.16E-05	2.09E-05	7.5715E-04
608302.98	4200748.75	64469.96407	0.19031	0.19268	0.034	0.03294	5.59E-04	7.60E-05	7.79E-05	2.20E-05	2.12E-05	7.5628E-04
608302.98	4200733.55	64431.9006	0.19411	0.19647	0.03284	0.0318	5.59E-04	7.75E-05	7.95E-05	2.13E-05	2.05E-05	7.5752E-04
608302.98	4200756.35	64405.63674	0.1884	0.19078	0.03459	0.03351	5.59E-04	7.52E-05	7.72E-05	2.24E-05	2.16E-05	7.5494E-04
608302.98	4200763.95	64295.34466	0.18648	0.18886	0.03518	0.03409	5.58E-04	7.45E-05	7.64E-05	2.28E-05	2.20E-05	7.5320E-04
608302.98	4200771.55	64151.50447	0.18457	0.18696	0.03578	0.03468	5.56E-04	7.37E-05	7.56E-05	2.32E-05	2.24E-05	7.5119E-04
608302.98	4200779.15	63972.08884	0.18266	0.18504	0.03638	0.03527	5.55E-04	7.29E-05	7.49E-05	2.36E-05	2.27E-05	7.4886E-04
608302.98	4200786.75	63762.18898	0.18074	0.18313	0.03699	0.03586	5.53E-04	7.22E-05	7.41E-05	2.40E-05	2.31E-05	7.4628E-04
608302.98	4200794.35	63527.12014	0.17883	0.18122	0.03759	0.03646	5.51E-04	7.14E-05	7.33E-05	2.43E-05	2.35E-05	7.4348E-04
608302.98	4200801.95	63269.54616	0.17692	0.17931	0.0382	0.03706	5.49E-04	7.06E-05	7.25E-05	2.47E-05	2.39E-05	7.4049E-04
608302.98	4200809.55	62997.75987	0.17502	0.1774	0.03882	0.03766	5.46E-04	6.99E-05	7.18E-05	2.51E-05	2.43E-05	7.3740E-04
608302.98	4200817.15	62708.96819	0.17312	0.1755	0.03943	0.03826	5.44E-04	6.91E-05	7.10E-05	2.55E-05	2.47E-05	7.3415E-04
608302.98	4200824.75	62405.6557	0.17123	0.17361	0.04005	0.03887	5.41E-04	6.84E-05	7.02E-05	2.59E-05	2.51E-05	7.3079E-04
608302.98	4200832.35	62089.83971	0.16935	0.17172	0.04067	0.03948	5.38E-04	6.76E-05	6.95E-05	2.63E-05	2.55E-05	7.2733E-04
608302.98	4200839.95	61766.82404	0.16747	0.16984	0.04129	0.04009	5.36E-04	6.69E-05	6.87E-05	2.67E-05	2.59E-05	7.2381E-04
608302.98	4200847.55	61434.18675	0.16561	0.16797	0.04191	0.04071	5.33E-04	6.61E-05	6.79E-05	2.71E-05	2.63E-05	7.2023E-04
608302.98	4200855.15	61093.39438	0.16376	0.16611	0.04254	0.04132	5.30E-04	6.54E-05	6.72E-05	2.75E-05	2.66E-05	7.1659E-04
608302.98	4200862.75	60744.86967	0.16191	0.16425	0.04316	0.04194	5.27E-04	6.47E-05	6.64E-05	2.80E-05	2.70E-05	7.1287E-04
608302.98	4200870.35	60391.30704	0.16008	0.16241	0.04378	0.04256	5.24E-04	6.39E-05	6.57E-05	2.84E-05	2.74E-05	7.0913E-04

Ranch EIR Residential Project Construction Parameters

Phase 2

Construction Annual DPM Emissions (PM2.5 Exhaust) **Mitigated Concentrations**

Annual Average Onsite DPM Rate (grams/m2/sec):	2.79E-09
Annual Average Offsite DPM Emission Rate - Road 1 (grams/sec):	5.62E-06
Annual Average Offsite DPM Emission Rate - Road 2 (grams/sec):	5.70E-06
Annual Average Offsite DPM Emission Rate - Road 3 (grams/sec):	9.12E-06
Annual Average Offsite DPM Emission Rate - Road4 (grams/sec):	9.08E-06
Annual Average Offsite DPM Emission Rate - Road5 (grams/sec):	3.27E-06
Annual Average Offsite DPM Emission Rate - Road5 (grams/sec):	3.26E-06

X	Y	Onsite Phase 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 1 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 4 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 5 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 6 Unit Emissions VALUES AVERAGED AVERAGE CONC	Onsite Phase 2 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 1 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 2 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 3 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 4 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 5 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 6 Annual DPM Exhaust w/Actual Emissions (ug/m3)	**Total DPM (ug/m3)**
605009.76	4201463.46	3458.38146	0.00295	0.00295	0.01178	0.01195	0.10995	0.11322	9.64E-06	1.66E-08	1.68E-08	1.07E-07	1.09E-07	3.60E-07	3.70E-07	1.0616E-05
605020.97	4201489.77	3371.65486	0.00295	0.00296	0.01192	0.0121	0.11465	0.11811	9.40E-06	1.66E-08	1.69E-08	1.09E-07	1.10E-07	3.75E-07	3.86E-07	1.0408E-05
605025.63	4201440.58	3759.94671	0.00301	0.00301	0.01197	0.01215	0.11463	0.11811	1.05E-05	1.69E-08	1.71E-08	1.09E-07	1.10E-07	3.75E-07	3.86E-07	1.1492E-05
605045.35	4201493.83	3316.08548	0.00292	0.00293	0.01195	0.01213	0.11763	0.12129	9.24E-06	1.64E-08	1.67E-08	1.09E-07	1.10E-07	3.85E-07	3.96E-07	1.0274E-05
605052.57	4201438.73	3882.56335	0.00303	0.00303	0.01215	0.01233	0.12091	0.12468	1.08E-05	1.70E-08	1.73E-08	1.11E-07	1.12E-07	3.95E-07	4.07E-07	1.1879E-05
605067.01	4201501.96	3270.97409	0.0029	0.00291	0.01203	0.01221	0.12155	0.12541	9.12E-06	1.63E-08	1.66E-08	1.10E-07	1.11E-07	3.98E-07	4.09E-07	1.0175E-05
605077.3	4201449.8	3821.7766	0.00301	0.00302	0.01225	0.01243	0.12606	0.1301	1.06E-05	1.69E-08	1.72E-08	1.12E-07	1.13E-07	4.12E-07	4.25E-07	1.1746E-05
605088.68	4201514.14	3219.88699	0.00289	0.0029	0.01214	0.01232	0.12652	0.13065	8.97E-06	1.63E-08	1.65E-08	1.11E-07	1.12E-07	4.14E-07	4.26E-07	1.0068E-05
605094.28	4201462.35	3677.74019	0.00297	0.00298	0.01226	0.01244	0.12804	0.1322	1.02E-05	1.67E-08	1.70E-08	1.12E-07	1.13E-07	4.19E-07	4.32E-07	1.1357E-05
605106.29	4201530.4	3155.01508	0.00287	0.00289	0.01225	0.01243	0.13151	0.13591	8.79E-06	1.61E-08	1.65E-08	1.12E-07	1.13E-07	4.30E-07	4.44E-07	9.9229E-06
605113.1	4201473.42	3597.26745	0.00295	0.00295	0.01233	0.01251	0.13192	0.13628	1.00E-05	1.66E-08	1.68E-08	1.12E-07	1.14E-07	4.31E-07	4.45E-07	1.1160E-05
605134.6	4201499.62	3344.94251	0.00288	0.00289	0.01235	0.01253	0.135	0.13952	9.32E-06	1.62E-08	1.65E-08	1.13E-07	1.14E-07	4.41E-07	4.55E-07	1.0477E-05
605151.19	4201482.44	3662.1826	0.00296	0.00297	0.01262	0.0128	0.14433	0.1493	1.02E-05	1.66E-08	1.69E-08	1.15E-07	1.16E-07	4.72E-07	4.87E-07	1.1430E-05
605168.07	4201530.53	3196.01788	0.00285	0.00287	0.01256	0.01275	0.14633	0.15149	8.91E-06	1.60E-08	1.64E-08	1.15E-07	1.16E-07	4.79E-07	4.94E-07	1.0142E-05
605172.03	4201466.28	4172.66545	0.0031	0.00311	0.01308	0.01327	0.16061	0.16635	1.16E-05	1.74E-08	1.77E-08	1.19E-07	1.21E-07	5.25E-07	5.43E-07	1.2971E-05
605181.62	4201558.83	3029.11286	0.00281	0.00283	0.01262	0.01281	0.15097	0.15646	8.44E-06	1.58E-08	1.61E-08	1.15E-07	1.16E-07	4.94E-07	5.11E-07	9.7089E-06
605188.98	4201454.15	4635.9478	0.00321	0.00323	0.01347	0.01367	0.17321	0.17944	1.29E-05	1.81E-08	1.84E-08	1.23E-07	1.24E-07	5.66E-07	5.86E-07	1.4354E-05
605191.33	4201515.02	3455.30506	0.00291	0.00293	0.01284	0.01303	0.15756	0.16325	9.63E-06	1.64E-08	1.67E-08	1.17E-07	1.18E-07	5.15E-07	5.33E-07	1.0945E-05
605193.13	4201585.31	2978.24469	0.0028	0.00283	0.01279	0.01299	0.15889	0.16489	8.30E-06	1.57E-08	1.61E-08	1.17E-07	1.18E-07	5.20E-07	5.38E-07	9.6237E-06
605201.19	4201601.43	2843.36509	0.00275	0.00278	0.01274	0.01294	0.15808	0.16407	7.92E-06	1.55E-08	1.58E-08	1.16E-07	1.18E-07	5.17E-07	5.36E-07	9.2410E-06
605202.19	4201404.28	6876.14421	0.00367	0.00368	0.01494	0.01516	0.19319	0.20005	1.92E-05	2.06E-08	2.10E-08	1.36E-07	1.38E-07	6.32E-07	6.53E-07	2.0762E-05
605207.14	4201438.92	5542.96203	0.00343	0.00344	0.01424	0.01445	0.19283	0.2	1.54E-05	1.93E-08	1.96E-08	1.30E-07	1.31E-07	6.31E-07	6.53E-07	1.7030E-05
605207.2	4201501	3786.50182	0.00301	0.00303	0.01315	0.01335	0.17022	0.17656	1.06E-05	1.69E-08	1.73E-08	1.20E-07	1.21E-07	5.57E-07	5.76E-07	1.1960E-05
605208.1	4201623.31	2615.44298	0.00265	0.00268	0.01256	0.01276	0.15217	0.15788	7.29E-06	1.49E-08	1.53E-08	1.15E-07	1.16E-07	4.98E-07	5.15E-07	8.5620E-06
605226.39	4201488.08	4178.153	0.00311	0.00313	0.01351	0.01371	0.1852	0.19234	1.16E-05	1.75E-08	1.78E-08	1.23E-07	1.25E-07	6.06E-07	6.28E-07	1.3160E-05
605226.91	4201528.1	3495.68174	0.00293	0.00295	0.01316	0.01336	0.1744	0.18103	9.74E-06	1.65E-08	1.68E-08	1.20E-07	1.21E-07	5.70E-07	5.91E-07	1.1177E-05
605227.67	4201640.58	2579.56831	0.00263	0.00266	0.01267	0.01288	0.15881	0.16497	7.19E-06	1.48E-08	1.52E-08	1.16E-07	1.17E-07	5.19E-07	5.38E-07	8.5087E-06
605241.22	4201548.03	3409.59911	0.00291	0.00294	0.01329	0.0135	0.18354	0.19078	9.50E-06	1.64E-08	1.68E-08	1.21E-07	1.23E-07	6.00E-07	6.23E-07	1.1001E-05
605249.55	4201659	2592.13724	0.00262	0.00265	0.01285	0.01306	0.1688	0.17567	7.22E-06	1.47E-08	1.51E-08	1.17E-07	1.19E-07	5.52E-07	5.73E-07	8.6145E-06
605251.44	4201595.54	3193.90844	0.00286	0.00289	0.01342	0.01363	0.19255	0.20054	8.90E-06	1.61E-08	1.65E-08	1.22E-07	1.24E-07	6.30E-07	6.55E-07	1.0463E-05
605251.89	4201403.82	7193.01797	0.00366	0.00367	0.01505	0.01526	0.21408	0.22267	2.00E-05	2.06E-08	2.09E-08	1.37E-07	1.39E-07	7.00E-07	7.27E-07	2.1789E-05
605255.31	4201424.35	6465.21807	0.00356	0.00357	0.01486	0.01507	0.21806	0.2268	1.80E-05	2.00E-08	2.03E-08	1.36E-07	1.37E-07	7.13E-07	7.40E-07	1.9783E-05
605262.68	4201624.15	2979.52462	0.00278	0.0028	0.01333	0.01355	0.19128	0.19935	8.30E-06	1.56E-08	1.60E-08	1.22E-07	1.23E-07	6.26E-07	6.51E-07	9.8554E-06
605269.83	4201576.12	3561.40542	0.00298	0.00301	0.01384	0.01407	0.21409	0.22334	9.92E-06	1.68E-08	1.71E-08	1.26E-07	1.28E-07	7.00E-07	7.29E-07	1.1642E-05
605271.43	4201670.51	2640.203	0.00263	0.00265	0.01303	0.01326	0.18013	0.18782	7.36E-06	1.48E-08	1.51E-08	1.19E-07	1.20E-07	5.89E-07	6.13E-07	8.8287E-06
605272.78	4201468.12	4872.37012	0.00324	0.00326	0.01411	0.01431	0.21302	0.22192	1.36E-05	1.82E-08	1.86E-08	1.29E-07	1.30E-07	6.97E-07	7.24E-07	1.5294E-05
605279.99	4201489.75	4362.46051	0.00312	0.00314	0.01391	0.01411	0.20905	0.21772	1.22E-05	1.75E-08	1.79E-08	1.27E-07	1.28E-07	6.84E-07	7.11E-07	1.3841E-05
605283.25	4201414.66	7306.12752	0.00368	0.00369	0.01537	0.01559	0.23544	0.2453	2.04E-05	2.07E-08	2.10E-08	1.40E-07	1.42E-07	7.70E-07	8.01E-07	2.2254E-05
605285.4	4201543.23	3725.3418	0.00299	0.00302	0.01383	0.01404	0.2135	0.22255	1.04E-05	1.68E-08	1.72E-08	1.26E-07	1.28E-07	6.98E-07	7.26E-07	1.2094E-05
605286.18	4201633.34	3034.93675	0.00278	0.00281	0.01354	0.01377	0.20554	0.21458	8.46E-06	1.56E-08	1.60E-08	1.24E-07	1.25E-07	6.72E-07	7.00E-07	1.0110E-05
605286.6	4201513.79	3976.994	0.00303	0.00306	0.01381	0.01402	0.20836	0.21699	1.11E-05	1.70E-08	1.74E-08	1.26E-07	1.27E-07	6.81E-07	7.08E-07	1.2760E-05
605288.7	4201676.27	2683.57742	0.00263	0.00265	0.01318	0.0134	0.18949	0.19785	7.48E-06	1.48E-08	1.51E-08	1.20E-07	1.22E-07	6.20E-07	6.46E-07	9.0155E-06
605303.55	4201645.09	2979.3438	0.00274	0.00277	0.01358	0.01381	0.21134	0.22086	8.30E-06	1.54E-08	1.58E-08	1.24E-07	1.25E-07	6.91E-07	7.21E-07	9.9950E-06
605305.23	4201576.28	3944.12869	0.00308	0.00311	0.01448	0.01471	0.25115	0.26271	1.10E-05	1.73E-08	1.77E-08	1.32E-07	1.34E-07	8.21E-07	8.57E-07	1.2971E-05
605306.62	4201416.94	7884.83293	0.00379	0.0038	0.01592	0.01616	0.25477	0.26588	2.20E-05	2.13E-08	2.17E-08	1.45E-07	1.47E-07	8.33E-07	8.68E-07	2.4008E-05
605315.44	4201466.31	5500.42527	0.00337	0.00339	0.01478	0.01499	0.25049	0.26186	1.53E-05	1.90E-08	1.93E-08	1.35E-07	1.36E-07	8.19E-07	8.55E-07	1.7311E-05
605322.05	4201586.49	4083.64031	0.00311	0.00314	0.01479	0.01504	0.2715	0.28441	1.14E-05	1.75E-08	1.79E-08	1.35E-07	1.37E-07	8.88E-07	9.28E-07	1.3503E-05
605331.61	4201420.86	8430.26556	0.00388	0.0039	0.01649	0.01673	0.27743	0.29023	2.35E-05	2.18E-08	2.22E-08	1.50E-07	1.52E-07	9.07E-07	9.47E-07	2.5693E-05
605335.73	4201683.92	2915.3404	0.00267	0.00269	0.01368	0.01391	0.22453	0.23543	8.12E-06	1.50E-08	1.53E-08	1.25E-07	1.26E-07	7.34E-07	7.68E-07	9.9083E-06
605338.73	4201527.72	4087.19073	0.00305	0.00307	0.0143	0.01451	0.24316	0.25419	1.14E-05	1.72E-08	1.75E-08	1.30E-07	1.32E-07	7.95E-07	8.30E-07	1.3311E-05
605341.29	4201471.54	5755.37441	0.00343	0.00345	0.01516	0.01539	0.27732	0.29067	1.60E-05	1.93E-08	1.97E-08	1.38E-07	1.40E-07	9.07E-07	9.49E-07	1.8211E-05
605343.08	4201606.92	4091.34957	0.00309	0.00312	0.01499	0.01525	0.29152	0.30595	1.14E-05	1.74E-08	1.78E-08	1.37E-07	1.39E-07	9.53E-07	9.99E-07	1.3664E-05
605346.39	4201549.18	4038.451	0.00305	0.00308	0.01449	0.01472	0.26143	0.27384	1.13E-05	1.72E-08	1.75E-08	1.32E-07	1.34E-07	8.55E-07	8.94E-07	1.3303E-05
605347.42	4201504.74	4592.87982	0.00316	0.00319	0.01457	0.01478	0.25826	0.27051	1.28E-05	1.78E-08	1.82E-08	1.33E-07	1.34E-07	8.45E-07	8.83E-07	1.4829E-05
605353.26	4201422.76	8922.76672	0.00395	0.00397	0.01692	0.01717	0.29815	0.31288	2.49E-05	2.22E-08	2.26E-08	1.54E-07	1.56E-07	9.75E-07	1.02E-06	2.7216E-05
605355.14	4201690.56	3035.18524	0.00269	0.00271	0.01389	0.01414	0.24198	0.25428	8.46E-06	1.51E-08	1.54E-08	1.27E-07	1.28E-07	7.91E-07	8.30E-07	1.0365E-05
605358.21	4201654.29	3463.76424	0.00285	0.00287	0.0144	0.01465	0.27037	0.2843	9.65E-06	1.60E-08	1.64E-08	1.31E-07	1.33E-07	8.84E-07	9.28E-07	1.1761E-05
605363.25	4201470.52	6291.66338	0.00353	0.00356	0.01568	0.01592	0.30717	0.32267	1.75E-05	1.99E-08	2.03E-08	1.43E-07	1.45E-07	1.00E-06	1.05E-06	1.9918E-05
605367.72	4201603.92	4512.95098	0.00319	0.00322	0.01557	0.01584	0.33023	0.34751	1.26E-05	1.79E-08	1.83E-08	1.42E-07	1.44E-07	1.08E-06	1.13E-06	1.5112E-05
605371.93	4201559.39	4284.71885	0.00311	0.00314	0.01495	0.01518	0.29864	0.31403	1.19E-05	1.75E-08	1.79E-08	1.36E-07	1.38E-07	9.77E-07	1.03E-06	1.4251E-05
605375.91	4201424.82	9345.13793	0.004	0.00402	0.01725	0.0175	0.32226	0.33904	2.60E-05	2.25E-08	2.29E-08	1.57E-07	1.59E-07	1.05E-06	1.11E-06	2.8564E-05
605379.67	4201688.01	3291.79316	0.00275	0.00277	0.01428	0.01453	0.27281	0.28749	9.17E-06	1.55E-08	1.58E-08	1.30E-07	1.32E-07	8.92E-07	9.38E-07	1.1297E-05
605382.73	4201653.78	3754.00637	0.00291	0.00293	0.0148	0.01506	0.30463	0.32129	1.05E-05	1.64E-08	1.67E-08	1.35E-07	1.37E-07	9.96E-07	1.05E-06	1.2811E-05
605391.16	4201606.92	4939.75996	0.00328	0.00332	0.01617	0.01645	0.37145	0.39227	1.38E-05	1.84E-08	1.89E-08	1.47E-07	1.49E-07	1.21E-06	1.28E-06	1.6595E-05
605392.87	4201547.64	4334.64555	0.00309	0.00312	0.01496	0.01518	0.30317	0.31899	1.21E-05	1.74E-08	1.78E-08	1.36E-07	1.38E-07	9.91E-07	1.04E-06	1.4421E-05
605397.74	4201432.23	9284.02757	0.00397	0.00399	0.01731	0.01757	0.34987	0.36919	2.59E-05	2.23E-08	2.27E-08	1.58E-07	1.60E-07	1.14E-06	1.21E-06	2.8583E-05
605400.1	4201689.03	3497.12282	0.00278	0.0028	0.01457	0.01482	0.29963	0.31661	9.75E-06	1.56E-08	1.60E-08	1.33E-07	1.35E-07	9.80E-07	1.03E-06	1.2058E-05
605401.04	4201524.15	4604.59377	0.00313	0.00316	0.015	0.01521	0.30202	0.31793	1.28E-05	1.76E-08	1.80E-08	1.37E-07	1.38E-07	9.88E-07	1.04E-06	1.5167E-05
605402.58	4201503.72	5096.90604	0.00324	0.00327	0.0152	0.01542	0.31565	0.33301	1.42E-05	1.82E-08	1.86E-08	1.39E-07	1.40E-07	1.03E-06	1.09E-06	1.6638E-05
605407.25	4201655.82	3996.5883	0.00294	0.00297	0.01513	0.0154	0.33857	0.35813	1.11E-05	1.65E-08	1.69E-08	1.38E-07	1.40E-07	1.11E-06	1.17E-06	1.3725E-05
605407.68	4201483.8	6039.27512	0.00344	0.00347	0.01574	0.01596	0.34715	0.36718	1.68E-05	1.93E-08	1.98E-08	1.44E-07	1.45E-07	1.14E-06	1.20E-06	1.9491E-05
605416.39	4201604.52	5280.01161	0.00333	0.00336	0.01653	0.01682	0.41318	0.43749	1.47E-05	1.87E-08	1.91E-08	1.51E-07	1.53E-07	1.35E-06	1.43E-06	1.7834E-05
605416.69	4201438.82	9168.61632	0.00394	0.00396	0.01732	0.01758	0.37663	0.39816	2.55E-05	2.22E-08	2.26E-08	1.58E-07	1.60E-07	1.23E-06	1.30E-06	2.8443E-05
605423.6	4201689.54	3721.67212	0.00281	0.00283	0.01487	0.01514	0.33225	0.3522	1.04E-05	1.58E-08	1.61E-08	1.36E-07	1.38E-07	1.09E-06	1.15E-06	1.2912E-05
605425.13	4201659.91	4152.06521	0.00295	0.00298	0.01533	0.0156	0.36407	0.38614	1.16E-05	1.66E-08	1.70E-08	1.40E-07	1.42E-07	1.19E-06	1.26E-06	1.4336E-05
605438.52	4201442.12	9331.85165	0.00393	0.00395	0.01743	0.0177	0.40979	0.43478	2.60E-05	2.21E-08	2.25E-08	1.59E-07	1.61E-07	1.34E-06	1.42E-06	2.9128E-05
605439.23	4201611.73	5552.44101	0.00334	0.00337	0.01681	0.01711	0.45757	0.48614	1.55E-05	1.88E-08	1.92E-08	1.53E-07	1.55E-07	1.50E-06	1.59E-06	1.8903E-05
605440.46	4201696.18	3849.1168	0.00282	0.00284	0.01504	0.01531	0.35557	0.37798	1.07E-05	1.59E-08	1.62E-08	1.37E-07	1.39E-07	1.16E-06	1.23E-06	1.3431E-05
605441.9	4201555.3	5173.581	0.00326	0.00329	0.01597	0.01622	0.40949	0.43524	1.44E-05	1.83E-08	1.87E-08	1.46E-07	1.47E-07	1.34E-06	1.42E-06	1.7507E-05
605441.9	4201530.28	5110.58029	0.00323	0.00326	0.01565	0.01588	0.37673	0.3999	1.42E-05	1.82E-08	1.86E-08	1.43E-07	1.44E-07	1.23E-06	1.31E-06	1.7102E-05
605448.12	4201661.95	4501.48095	0.003	0.00303	0.01571	0.016	0.41161	0.43855	1.25E-05	1.69E-08	1.73E-08	1.43E-07	1.45E-07	1.35E-06	1.43E-06	1.5644E-05
605450.08	4201487.89	6404.93911	0.00347	0.0035	0.01616	0.0164	0.41026	0.43677	1.78E-05	1.95E-08	1.99E-08	1.47E-07	1.49E-07	1.34E-06	1.43E-06	2.0952E-05
605450.59	4201506.27	5756.0061	0.00335	0.00338	0.01592	0.01615	0.39992	0.42555	1.60E-05	1.88E-08	1.93E-08	1.45E-07	1.47E-07	1.31E-06	1.39E-06	1.9067E-05
605456.65	4201611.13	5873.19747	0.00338	0.00341	0.0171	0.0174	0.49801	0.53105	1.64E-05	1.90E-08	1.94E-08	1.56E-07	1.58E-07	1.63E-06	1.73E-06	2.0081E-05
605459.12	4201443.35	9660.19765	0.00394	0.00397	0.01761	0.01788	0.4455	0.47423	2.69E-05	2.22E-08	2.26E-08	1.61E-07	1.62E-07	1.46E-06	1.55E-06	3.0292E-05
605462.43	4201701.8	4067.24248	0.00284	0.00286	0.01531	0.01559	0.39407	0.42077	1.13E-05	1.60E-08	1.63E-08	1.40E-07	1.42E-07	1.29E-06	1.37E-06	1.4310E-05
605466.42	4201572.67	5859.5519	0.00337	0.0034	0.01676	0.01703	0.49393	0.52743	1.63E-05	1.90E-08	1.94E-08	1.53E-07	1.55E-07	1.62E-06	1.72E-06	2.0011E-05
605467.03	4201661.95	4912.05987	0.00307	0.00309	0.01613	0.01642	0.46477	0.49718	1.37E-05	1.73E-08	1.76E-08	1.47E-07	1.49E-07	1.52E-06	1.62E-06	1.7162E-05
605483.09	4201613.53	6367.78958	0.00342	0.00345	0.0175	0.01781	0.57034	0.61221	1.77E-05	1.92E-08	1.97E-08	1.60E-07	1.62E-07	1.87E-06	2.00E-06	2.1969E-05
605483.88	4201705.38	4392.80829	0.00289	0.0029	0.01567	0.01596	0.44836	0.48116	1.22E-05	1.63E-08	1.65E-08	1.43E-07	1.45E-07	1.47E-06	1.57E-06	1.5599E-05
605484.66	4201447.47	9986.63866	0.00395	0.00398	0.01785	0.01812	0.49981	0.53446	2.78E-05	2.22E-08	2.27E-08	1.63E-07	1.65E-07	1.63E-06	1.74E-06	3.1581E-05
605492.57	4201664	5521.39872	0.00316	0.00318	0.0167	0.01701	0.55145	0.59367	1.54E-05	1.78E-08	1.81E-08	1.52E-07	1.55E-07	1.80E-06	1.94E-06	1.9470E-05
605492.98	4201561.94	6064.40842	0.00336	0.0034	0.01681	0.01708	0.54229	0.58375	1.69E-05	1.89E-08	1.94E-08	1.53E-07	1.55E-07	1.77E-06	1.91E-06	2.0925E-05
605498.6	4201538.96	5893.93709	0.00332	0.00335	0.01647	0.01671	0.50926	0.54855	1.64E-05	1.87E-08	1.91E-08	1.50E-07	1.52E-07	1.67E-06	1.79E-06	2.0220E-05
605501.15	4201514.96	6269.11512	0.00338	0.00341	0.01649	0.01673	0.50649	0.54572	1.75E-05	1.90E-08	1.94E-08	1.50E-07	1.52E-07	1.66E-06	1.78E-06	2.1248E-05
605502.92	4201612.33	6772.75847	0.00345	0.00349	0.01778	0.01809	0.6348	0.68507	1.89E-05	1.94E-08	1.99E-08	1.62E-07	1.64E-07	2.08E-06	2.24E-06	2.3551E-05
605503.19	4201494.01	7033.89579	0.00351	0.00355	0.01676	0.01701	0.52643	0.56761	1.96E-05	1.97E-08	2.02E-08	1.53E-07	1.55E-07	1.72E-06	1.85E-06	2.3523E-05
605504.84	4201447.88	10765.31027	0.00402	0.00405	0.01829	0.01858	0.55312	0.59496	3.00E-05	2.26E-08	2.31E-08	1.67E-07	1.69E-07	1.81E-06	1.94E-06	3.4131E-05
605506.45	4201709.81	4873.11889	0.00296	0.00298	0.01616	0.01647	0.53053	0.57377	1.36E-05	1.66E-08	1.70E-08	1.47E-07	1.50E-07	1.73E-06	1.87E-06	1.7518E-05
605507.9	4201666.04	5951.33416	0.00322	0.00324	0.0171	0.01742	0.61754	0.66807	1.66E-05	1.81E-08	1.85E-08	1.56E-07	1.58E-07	2.02E-06	2.18E-06	2.1135E-05
605523.95	4201611.73	7264.28765	0.00349	0.00352	0.0181	0.01842	0.7198	0.78222	2.02E-05	1.96E-08	2.01E-08	1.65E-07	1.67E-07	2.35E-06	2.55E-06	2.5522E-05
605525.44	4201445.41	12174.28196	0.00416	0.00419	0.01899	0.01929	0.61887	0.67059	3.39E-05	2.34E-08	2.39E-08	1.73E-07	1.75E-07	2.02E-06	2.19E-06	3.8534E-05
605529.85	4201708.66	5447.70483	0.00305	0.00307	0.01673	0.01705	0.64117	0.69871	1.52E-05	1.72E-08	1.75E-08	1.53E-07	1.55E-07	2.10E-06	2.28E-06	1.9900E-05
605535.44	4201664.55	6853.62642	0.00336	0.00338	0.01794	0.01827	0.76843	0.83973	1.91E-05	1.89E-08	1.93E-08	1.64E-07	1.66E-07	2.51E-06	2.74E-06	2.4720E-05
605544.56	4201490.44	8308.53205	0.00364	0.00368	0.01752	0.01779	0.68202	0.74586	2.32E-05	2.05E-08	2.10E-08	1.60E-07	1.62E-07	2.23E-06	2.43E-06	2.8181E-05
605546.45	4201443.77	13448.31962	0.00424	0.00428	0.01949	0.0198	0.69753	0.76333	3.75E-05	2.38E-08	2.44E-08	1.78E-07	1.80E-07	2.28E-06	2.49E-06	4.2654E-05
605546.79	4201603.32	7700.65995	0.00351	0.00354	0.01826	0.01857	0.82057	0.8996	2.15E-05	1.97E-08	2.02E-08	1.67E-07	1.69E-07	2.68E-06	2.94E-06	2.7454E-05
605547.12	4201515.47	7188.72024	0.00345	0.00349	0.01711	0.01737	0.66138	0.72561	2.00E-05	1.94E-08	1.99E-08	1.56E-07	1.58E-07	2.16E-06	2.37E-06	2.4917E-05
605553.76	4201533.34	6869.81828	0.00337	0.00341	0.01706	0.01732	0.67397	0.74166	1.91E-05	1.90E-08	1.94E-08	1.56E-07	1.57E-07	2.20E-06	2.42E-06	2.4120E-05
605554.89	4201703.55	6310.89014	0.00319	0.00321	0.01754	0.01788	0.81759	0.90038	1.76E-05	1.79E-08	1.83E-08	1.60E-07	1.62E-07	2.67E-06	2.94E-06	2.3558E-05
605558.77	4201654.65	7847.95853	0.00353	0.00355	0.01887	0.01922	0.94405	1.04388	2.19E-05	1.99E-08	2.02E-08	1.72E-07	1.75E-07	3.09E-06	3.41E-06	2.8751E-05
605564.99	4201556.84	7006.54129	0.00337	0.0034	0.01734	0.01761	0.76815	0.85274	1.95E-05	1.90E-08	1.94E-08	1.58E-07	1.60E-07	2.51E-06	2.78E-06	2.5177E-05
605565.42	4201590.1	7838.35441	0.00349	0.00352	0.01816	0.01846	0.89866	0.99671	2.18E-05	1.96E-08	2.01E-08	1.66E-07	1.68E-07	2.94E-06	3.25E-06	2.8408E-05
605567.46	4201442.94	13978.53765	0.00421	0.00424	0.01945	0.01976	0.78933	0.87304	3.90E-05	2.37E-08	2.42E-08	1.77E-07	1.80E-07	2.58E-06	2.85E-06	4.4789E-05
605573.79	4201690.78	7266.16542	0.00336	0.00338	0.0184	0.01876	1.00771	1.12207	2.02E-05	1.89E-08	1.93E-08	1.68E-07	1.70E-07	3.30E-06	3.66E-06	2.7583E-05
605579.28	4201648.29	8519.37044	0.00361	0.00364	0.01938	0.01974	1.11891	1.25037	2.37E-05	2.03E-08	2.07E-08	1.77E-07	1.79E-07	3.66E-06	4.08E-06	3.1878E-05
605581.34	4201577.78	7812.88516	0.00345	0.00349	0.01801	0.01831	0.96662	1.08678	2.18E-05	1.94E-08	1.99E-08	1.64E-07	1.66E-07	3.16E-06	3.55E-06	2.8850E-05
605585.21	4201494.54	9320.894	0.00368	0.00371	0.01804	0.01832	0.90019	1.00458	2.60E-05	2.07E-08	2.11E-08	1.65E-07	1.66E-07	2.94E-06	3.28E-06	3.2570E-05
605590.11	4201443.35	14683.35874	0.00419	0.00423	0.01952	0.01983	0.91799	1.02813	4.09E-05	2.36E-08	2.41E-08	1.78E-07	1.80E-07	3.00E-06	3.36E-06	4.7681E-05
605590.91	4201684.04	8034.20663	0.00349	0.00351	0.01912	0.01949	1.21218	1.36759	2.24E-05	1.96E-08	2.00E-08	1.74E-07	1.77E-07	3.96E-06	4.46E-06	3.1208E-05
605596.96	4201631.32	9031.16428	0.00363	0.00365	0.01944	0.01979	1.27921	1.44521	2.52E-05	2.04E-08	2.08E-08	1.77E-07	1.80E-07	4.18E-06	4.72E-06	3.4466E-05
605608.24	4201447.88	15148.64238	0.00418	0.00421	0.01966	0.01997	1.06526	1.20922	4.22E-05	2.35E-08	2.40E-08	1.79E-07	1.81E-07	3.48E-06	3.95E-06	5.0053E-05
605612.32	4201491.81	11108.61223	0.00381	0.00385	0.01877	0.01907	1.1653	1.3278	3.10E-05	2.14E-08	2.19E-08	1.71E-07	1.73E-07	3.81E-06	4.33E-06	3.9489E-05
605612.51	4201618.59	9285.90444	0.00361	0.00363	0.01932	0.01967	1.42989	1.64029	2.59E-05	2.03E-08	2.07E-08	1.76E-07	1.79E-07	4.68E-06	5.35E-06	3.6303E-05
605617.05	4201550.42	8558.08145	0.00347	0.00351	0.01814	0.01843	1.21236	1.41825	2.38E-05	1.95E-08	2.00E-08	1.65E-07	1.67E-07	3.96E-06	4.63E-06	3.2815E-05
605617.31	4201676.04	9105.54793	0.00364	0.00366	0.02003	0.02042	1.62307	1.87869	2.54E-05	2.05E-08	2.09E-08	1.83E-07	1.85E-07	5.31E-06	6.13E-06	3.7224E-05
605622.85	4201440.76	17463.47842	0.00428	0.00432	0.02013	0.02045	1.2018	1.38553	4.87E-05	2.41E-08	2.46E-08	1.84E-07	1.86E-07	3.93E-06	4.52E-06	5.7535E-05
605629.67	4201535.39	9520.60383	0.00357	0.0036	0.01846	0.01875	1.41846	1.68116	2.65E-05	2.01E-08	2.05E-08	1.68E-07	1.70E-07	4.64E-06	5.49E-06	3.7036E-05
605633.16	4201493.26	13025.49014	0.00394	0.00398	0.01949	0.01981	1.47909	1.72639	3.63E-05	2.22E-08	2.27E-08	1.78E-07	1.80E-07	4.84E-06	5.64E-06	4.7172E-05
605646.71	4201591.06	9605.20103	0.00355	0.00358	0.01907	0.0194	1.95227	2.40481	2.68E-05	2.00E-08	2.04E-08	1.74E-07	1.76E-07	6.38E-06	7.85E-06	4.1391E-05
605651.9	4201523.98	11421.94112	0.00372	0.00376	0.01912	0.01943	1.93411	2.37027	3.18E-05	2.09E-08	2.14E-08	1.74E-07	1.77E-07	6.33E-06	7.74E-06	4.6284E-05
605652.06	4201496.17	14682.02474	0.00402	0.00406	0.02002	0.02035	1.8879	2.29038	4.09E-05	2.26E-08	2.31E-08	1.83E-07	1.85E-07	6.17E-06	7.48E-06	5.4977E-05
605652.36	4201436.02	22940.17161	0.00448	0.00452	0.02116	0.0215	1.68445	2.0419	6.39E-05	2.52E-08	2.58E-08	1.93E-07	1.95E-07	5.51E-06	6.66E-06	7.6539E-05
605663.57	4201579.82	9933.13187	0.00353	0.00356	0.01906	0.01938	2.43715	3.19403	2.77E-05	1.99E-08	2.03E-08	1.74E-07	1.76E-07	7.97E-06	1.04E-05	4.6466E-05
605664.73	4201615.37	10710.47865	0.00364	0.00366	0.01985	0.0202	2.68445	3.45147	2.98E-05	2.05E-08	2.09E-08	1.81E-07	1.83E-07	8.78E-06	1.13E-05	5.0297E-05
605666.66	4201657.64	11123.63362	0.00378	0.0038	0.02091	0.02131	3.17061	4.01848	3.10E-05	2.13E-08	2.17E-08	1.91E-07	1.94E-07	1.04E-05	1.31E-05	5.4910E-05
605667.86	4201640.21	11052.62906	0.0037	0.00373	0.02042	0.02079	2.99333	3.82715	3.08E-05	2.08E-08	2.13E-08	1.86E-07	1.89E-07	9.79E-06	1.25E-05	5.3498E-05
605676.3	4201482.12	20597.55941	0.00431	0.00435	0.02132	0.02168	2.76897	3.67461	5.74E-05	2.42E-08	2.48E-08	1.94E-07	1.97E-07	9.06E-06	1.20E-05	7.8888E-05
605679.28	4201449.87	28659.49479	0.00461	0.00465	0.02219	0.02255	2.82984	3.89843	7.99E-05	2.59E-08	2.65E-08	2.02E-07	2.05E-07	9.25E-06	1.27E-05	1.0230E-04
605679.91	4201566.03	10750.68362	0.00356	0.00359	0.01919	0.01951	3.23701	4.62777	3.00E-05	2.00E-08	2.05E-08	1.75E-07	1.77E-07	1.06E-05	1.51E-05	5.6042E-05
605680.74	4201532.99	12574.34592	0.00372	0.00376	0.01949	0.01981	3.2316	4.40097	3.50E-05	2.09E-08	2.14E-08	1.78E-07	1.80E-07	1.06E-05	1.44E-05	6.0374E-05
605752.64	4201613.91	16363.69348	0.0038	0.00383	0.02139	0.02178	11.76428	8.42503	4.56E-05	2.14E-08	2.18E-08	1.95E-07	1.98E-07	3.85E-05	2.75E-05	1.1201E-04
605753.43	4201572.13	16838.67244	0.0037	0.00373	0.02058	0.02094	12.93553	8.86091	4.69E-05	2.08E-08	2.13E-08	1.88E-07	1.90E-07	4.23E-05	2.89E-05	1.1857E-04
605753.43	4201592.62	16375.13105	0.00373	0.00376	0.02088	0.02125	12.07983	8.49809	4.56E-05	2.10E-08	2.14E-08	1.90E-07	1.93E-07	3.95E-05	2.77E-05	1.1330E-04
605755.8	4201636.77	17140.80932	0.004	0.00403	0.02258	0.02301	10.56552	7.82454	4.78E-05	2.25E-08	2.30E-08	2.06E-07	2.09E-07	3.46E-05	2.55E-05	1.0832E-04
605756.59	4201550.06	19510.39119	0.00379	0.00383	0.02075	0.02111	11.53113	8.11245	5.44E-05	2.13E-08	2.18E-08	1.89E-07	1.92E-07	3.77E-05	2.65E-05	1.1898E-04
605756.59	4201659.63	16697.67452	0.00412	0.00414	0.02342	0.02387	10.35379	7.74226	4.65E-05	2.32E-08	2.36E-08	2.14E-07	2.17E-07	3.39E-05	2.53E-05	1.0614E-04
605757.37	4201681.7	15607.37765	0.0041	0.00412	0.02348	0.02394	10.47509	7.80918	4.35E-05	2.31E-08	2.35E-08	2.14E-07	2.17E-07	3.43E-05	2.55E-05	1.0372E-04
605758.95	4201524.04	26774.64158	0.00407	0.00411	0.02159	0.02196	10.36621	7.5477	7.46E-05	2.29E-08	2.34E-08	1.97E-07	1.99E-07	3.39E-05	2.46E-05	1.3359E-04
605760.53	4201505.91	35736.18899	0.00433	0.00438	0.02251	0.0229	10.14541	7.32523	9.96E-05	2.44E-08	2.50E-08	2.05E-07	2.08E-07	3.32E-05	2.39E-05	1.5714E-04
605762.1	4201482.26	54692.24369	0.00469	0.00474	0.02382	0.02422	10.4249	7.18683	1.52E-04	2.64E-08	2.70E-08	2.17E-07	2.20E-07	3.41E-05	2.35E-05	2.1045E-04
605764.55	4201731.52	13356.96758	0.00383	0.00384	0.02249	0.02295	9.20636	7.04557	3.72E-05	2.15E-08	2.19E-08	2.05E-07	2.08E-07	3.01E-05	2.30E-05	9.0783E-05
605767.62	4201463.35	77062.5535	0.00483	0.00488	0.02416	0.02456	9.30022	6.41748	2.15E-04	2.72E-08	2.78E-08	2.20E-07	2.23E-07	3.04E-05	2.09E-05	2.6661E-04
605767.9	4201752.3	12367.30885	0.00372	0.00373	0.02204	0.0225	8.3951	6.48025	3.45E-05	2.09E-08	2.13E-08	2.01E-07	2.04E-07	2.75E-05	2.12E-05	8.3517E-05
605767.9	4201771.74	11564.53018	0.00363	0.00364	0.02165	0.02211	8.25958	6.35622	3.22E-05	2.04E-08	2.07E-08	1.97E-07	2.01E-07	2.70E-05	2.07E-05	8.0424E-05
605768.57	4201808.61	10633.61909	0.00358	0.00359	0.02143	0.0219	7.95668	6.17949	2.96E-05	2.01E-08	2.05E-08	1.95E-07	1.99E-07	2.60E-05	2.02E-05	7.6258E-05
605774.72	4201432.6	124913.9484	0.00479	0.00484	0.0234	0.02377	6.19072	4.78215	3.48E-04	2.69E-08	2.76E-08	2.13E-07	2.16E-07	2.02E-05	1.56E-05	3.8443E-04
605796.06	4201826.04	11262.90384	0.00372	0.00372	0.02228	0.02279	5.03138	4.18473	3.14E-05	2.09E-08	2.12E-08	2.03E-07	2.07E-07	1.65E-05	1.37E-05	6.1951E-05
605803.82	4201672.8	19179.22228	0.00429	0.00431	0.02478	0.02528	4.36327	3.75085	5.34E-05	2.41E-08	2.46E-08	2.26E-07	2.30E-07	1.43E-05	1.22E-05	8.0462E-05
605804.38	4201419.48	140041.556	0.0047	0.00475	0.02296	0.02329	2.56423	2.3345	3.90E-04	2.64E-08	2.71E-08	2.09E-07	2.12E-07	8.39E-06	7.62E-06	4.0673E-04
605804.49	4201580.95	27490.6377	0.00423	0.00426	0.0235	0.02394	4.16306	3.56917	7.66E-05	2.38E-08	2.43E-08	2.14E-07	2.17E-07	1.36E-05	1.16E-05	1.0235E-04
605810.53	4201617.83	25171.45295	0.00441	0.00443	0.02491	0.02539	3.85222	3.33582	7.01E-05	2.48E-08	2.52E-08	2.27E-07	2.31E-07	1.26E-05	1.09E-05	9.4138E-05
605814.67	4201508.36	54333.93446	0.00474	0.00479	0.02496	0.02539	3.50243	2.99254	1.51E-04	2.67E-08	2.73E-08	2.28E-07	2.31E-07	1.15E-05	9.77E-06	1.7314E-04
605814.67	4201534.29	40761.3503	0.0045	0.00454	0.02423	0.02466	3.57673	3.08338	1.14E-04	2.53E-08	2.59E-08	2.21E-07	2.24E-07	1.17E-05	1.01E-05	1.3585E-04
605816.17	4201744.25	14371.74295	0.00378	0.00379	0.02272	0.02319	3.94792	3.42376	4.00E-05	2.13E-08	2.16E-08	2.07E-07	2.11E-07	1.29E-05	1.12E-05	6.4596E-05
605819.2	4201487.79	67543.53722	0.00479	0.00484	0.02486	0.02527	3.27199	2.79157	1.88E-04	2.69E-08	2.76E-08	2.27E-07	2.30E-07	1.07E-05	9.11E-06	2.0854E-04
605820.86	4201722.13	16116.31706	0.00393	0.00394	0.0234	0.02388	3.80206	3.30911	4.49E-05	2.21E-08	2.24E-08	2.13E-07	2.17E-07	1.24E-05	1.08E-05	6.8621E-05
605820.86	4201768.39	12733.24664	0.00359	0.0036	0.02196	0.02241	3.5997	3.14885	3.55E-05	2.02E-08	2.05E-08	2.00E-07	2.04E-07	1.18E-05	1.03E-05	5.7978E-05
605823.31	4201467.62	81240.79803	0.00478	0.00483	0.02441	0.02479	3.01079	2.5698	2.26E-04	2.69E-08	2.75E-08	2.23E-07	2.25E-07	9.85E-06	8.39E-06	2.4513E-04
605826.19	4201439.64	105741.9575	0.00474	0.00479	0.0237	0.02405	2.49568	2.19111	2.95E-04	2.67E-08	2.73E-08	2.16E-07	2.18E-07	8.16E-06	7.15E-06	3.1047E-04
605827.96	4201666.77	21399.31005	0.0044	0.00442	0.02551	0.02602	3.27161	2.8942	5.96E-05	2.47E-08	2.52E-08	2.33E-07	2.36E-07	1.07E-05	9.45E-06	8.0297E-05
605829.3	4201579.61	33119.57281	0.00452	0.00456	0.02518	0.02565	3.05814	2.69954	9.23E-05	2.54E-08	2.60E-08	2.30E-07	2.33E-07	1.00E-05	8.81E-06	1.1162E-04
605830.25	4201806.6	12357.62176	0.00368	0.00368	0.02242	0.02291	3.30489	2.89517	3.44E-05	2.07E-08	2.10E-08	2.05E-07	2.08E-07	1.08E-05	9.45E-06	5.5149E-05
605842.32	4201838.78	12437.82694	0.00389	0.00389	0.02346	0.024	2.97206	2.62222	3.47E-05	2.19E-08	2.22E-08	2.14E-07	2.18E-07	9.72E-06	8.56E-06	5.3415E-05
605846.73	4201613.8	29061.90651	0.00468	0.00471	0.02657	0.02708	2.5719	2.31159	8.10E-05	2.63E-08	2.68E-08	2.42E-07	2.46E-07	8.41E-06	7.55E-06	9.7483E-05
605847.01	4201720.79	17268.72686	0.00393	0.00394	0.02365	0.02415	2.90104	2.58915	4.81E-05	2.21E-08	2.24E-08	2.16E-07	2.19E-07	9.49E-06	8.45E-06	6.6540E-05
605848.35	4201757.66	14073.31774	0.00364	0.00365	0.02245	0.02292	2.74626	2.46354	3.92E-05	2.05E-08	2.08E-08	2.05E-07	2.08E-07	8.98E-06	8.04E-06	5.6694E-05
605850.75	4201582.29	35516.55562	0.0047	0.00473	0.02632	0.02681	2.44691	2.20224	9.90E-05	2.64E-08	2.69E-08	2.40E-07	2.44E-07	8.00E-06	7.19E-06	1.1470E-04
605851.42	4201667.44	23216.40565	0.00441	0.00442	0.02577	0.02629	2.65332	2.38701	6.47E-05	2.48E-08	2.52E-08	2.35E-07	2.39E-07	8.68E-06	7.79E-06	8.1688E-05

605854.59	4201515.36	56068.00634	0.00478	0.00482	0.02561	0.02605	2.25375	2.0207	1.56E-04	2.69E-08	2.75E-08	2.34E-07	2.37E-07	7.37E-06	6.60E-06	1.7073E-04
605854.59	4201537.17	48572.80213	0.0048	0.00484	0.02611	0.02657	2.28515	2.05595	1.35E-04	2.70E-08	2.76E-08	2.38E-07	2.41E-07	7.47E-06	6.71E-06	1.5007E-04
605857.05	4201470.09	73210.3397	0.00466	0.00471	0.02419	0.02456	2.00573	1.7981	2.04E-04	2.62E-08	2.68E-08	2.21E-07	2.23E-07	6.56E-06	5.87E-06	2.1694E-04
605857.05	4201491.49	64114.18919	0.0047	0.00475	0.02482	0.02522	2.13375	1.91033	1.79E-04	2.64E-08	2.71E-08	2.26E-07	2.29E-07	6.98E-06	6.24E-06	1.9239E-04
605860.35	4201439.64	89880.78853	0.00465	0.0047	0.02358	0.02391	1.64677	1.50952	2.50E-04	2.62E-08	2.68E-08	2.15E-07	2.17E-07	5.39E-06	4.93E-06	2.6126E-04
605865.78	4201716.1	18483.61421	0.00397	0.00398	0.02399	0.0245	2.4601	2.22253	5.15E-05	2.23E-08	2.27E-08	2.19E-07	2.23E-07	8.05E-06	7.25E-06	6.7294E-05
605870.86	4201658.05	25735.25166	0.0045	0.00452	0.02636	0.0269	2.23819	2.03702	7.17E-05	2.53E-08	2.58E-08	2.40E-07	2.44E-07	7.32E-06	6.65E-06	8.6220E-05
605872.48	4201754.31	15223.63122	0.0037	0.00371	0.02295	0.02343	2.25384	2.04806	4.24E-05	2.08E-08	2.11E-08	2.09E-07	2.13E-07	7.37E-06	6.68E-06	5.6943E-05
605873.15	4201846.82	13367.18368	0.00403	0.00403	0.02435	0.02491	2.28207	2.04993	3.72E-05	2.27E-08	2.30E-08	2.22E-07	2.26E-07	7.46E-06	6.69E-06	5.1898E-05
605875.56	4201623.19	30125.4419	0.00482	0.00485	0.02767	0.02821	2.02202	1.85054	8.39E-05	2.71E-08	2.76E-08	2.52E-07	2.56E-07	6.61E-06	6.04E-06	9.7166E-05
605888.57	4201714.09	19737.09985	0.004	0.00401	0.02438	0.02489	2.05682	1.87886	5.50E-05	2.25E-08	2.28E-08	2.22E-07	2.26E-07	6.73E-06	6.13E-06	6.8353E-05
605889.24	4201803.25	14429.46468	0.00381	0.00381	0.02356	0.02408	1.99887	1.81975	4.02E-05	2.14E-08	2.17E-08	2.15E-07	2.19E-07	6.54E-06	5.94E-06	5.3163E-05
605889.63	4201654.7	27721.84136	0.00453	0.00455	0.02667	0.02721	1.94851	1.78789	7.73E-05	2.55E-08	2.59E-08	2.43E-07	2.47E-07	6.37E-06	5.84E-06	9.0001E-05
605892.86	4201424.83	91351.35308	0.00463	0.00468	0.02348	0.02379	1.10317	1.0466	2.55E-04	2.60E-08	2.67E-08	2.14E-07	2.16E-07	3.61E-06	3.42E-06	2.6207E-04
605893.94	4201834.09	14299.86336	0.00405	0.00405	0.02463	0.0252	1.96195	1.78018	3.98E-05	2.28E-08	2.31E-08	2.25E-07	2.29E-07	6.42E-06	5.81E-06	5.2575E-05
605895.28	4201750.29	16518.94967	0.00377	0.00378	0.02351	0.024	1.91468	1.75516	4.60E-05	2.12E-08	2.15E-08	2.14E-07	2.18E-07	6.26E-06	5.73E-06	5.8498E-05
605904.79	4201542.52	48710.11094	0.00464	0.00467	0.02586	0.0263	1.58176	1.45863	1.36E-04	2.61E-08	2.66E-08	2.36E-07	2.39E-07	5.17E-06	4.76E-06	1.4620E-04
605905.72	4201609.78	35144.92844	0.00501	0.00503	0.02872	0.02926	1.60687	1.48945	9.79E-05	2.82E-08	2.87E-08	2.62E-07	2.66E-07	5.25E-06	4.86E-06	1.0864E-04
605907.73	4201585.65	40699.56396	0.00501	0.00504	0.02845	0.02897	1.56085	1.44756	1.13E-04	2.82E-08	2.87E-08	2.60E-07	2.63E-07	5.10E-06	4.72E-06	1.2382E-04
605908.49	4201515.36	54526.21025	0.00457	0.00461	0.02511	0.02551	1.45485	1.34425	1.52E-04	2.57E-08	2.63E-08	2.29E-07	2.32E-07	4.76E-06	4.39E-06	1.6160E-04
605910.7	4201707.38	21670.26802	0.00409	0.0041	0.025	0.02554	1.75939	1.62068	6.04E-05	2.30E-08	2.34E-08	2.28E-07	2.32E-07	5.75E-06	5.29E-06	7.1938E-05
605911.09	4201656.04	28943.68689	0.00451	0.00452	0.02675	0.02729	1.69953	1.56877	8.07E-05	2.54E-08	2.58E-08	2.44E-07	2.48E-07	5.56E-06	5.12E-06	9.1878E-05
605913.84	4201470.5	63286.06448	0.00444	0.00449	0.02384	0.02416	1.17671	1.10077	1.76E-04	2.50E-08	2.56E-08	2.17E-07	2.19E-07	3.85E-06	3.59E-06	1.8429E-04
605915.08	4201442.93	76981.20609	0.00454	0.0046	0.02371	0.02402	1.03427	0.97839	2.15E-04	2.55E-08	2.62E-08	2.16E-07	2.18E-07	3.38E-06	3.19E-06	2.2158E-04
605915.39	4201747.61	17783.34177	0.00385	0.00386	0.02407	0.02459	1.68076	1.55016	4.96E-05	2.17E-08	2.20E-08	2.20E-07	2.23E-07	5.50E-06	5.06E-06	6.0599E-05
605915.9	4201491.49	59611.72986	0.0045	0.00455	0.02448	0.02484	1.2774	1.1882	1.66E-04	2.53E-08	2.59E-08	2.23E-07	2.26E-07	4.18E-06	3.88E-06	1.7467E-04
605926.78	4201793.19	15485.88474	0.00378	0.00379	0.02388	0.0244	1.51977	1.40368	4.32E-05	2.13E-08	2.16E-08	2.18E-07	2.22E-07	4.97E-06	4.58E-06	5.3188E-05
605928.13	4201818.67	15600.51261	0.004	0.004	0.02474	0.0253	1.54712	1.42283	4.35E-05	2.25E-08	2.28E-08	2.26E-07	2.30E-07	5.06E-06	4.64E-06	5.3678E-05
605933.21	4201650.01	32005.43138	0.00465	0.00466	0.02762	0.02818	1.46169	1.3603	8.92E-05	2.62E-08	2.66E-08	2.52E-07	2.56E-07	4.78E-06	4.44E-06	9.8969E-05
605933.49	4201706.71	23205.4333	0.00417	0.00418	0.0256	0.02615	1.51923	1.4092	6.47E-05	2.35E-08	2.38E-08	2.34E-07	2.38E-07	4.97E-06	4.60E-06	7.4752E-05
605935.89	4201593.02	42037.92458	0.00515	0.00517	0.02949	0.03003	1.31191	1.22774	1.17E-04	2.90E-08	2.95E-08	2.69E-07	2.73E-07	4.29E-06	4.01E-06	1.2604E-04
605941.53	4201742.91	19876.64611	0.004	0.00401	0.025	0.02554	1.44317	1.33931	5.54E-05	2.25E-08	2.28E-08	2.28E-07	2.32E-07	4.72E-06	4.37E-06	6.4986E-05
605949.23	4201544.16	54306.07523	0.00475	0.00479	0.02681	0.02726	1.18693	1.11172	1.51E-04	2.67E-08	2.73E-08	2.45E-07	2.48E-07	3.88E-06	3.63E-06	1.5939E-04
605949.58	4201844.81	15786.40475	0.00423	0.00422	0.02589	0.0265	1.35449	1.24629	4.40E-05	2.38E-08	2.40E-08	2.36E-07	2.41E-07	4.43E-06	4.07E-06	5.3014E-05
605950.05	4201518.65	59151.62815	0.00465	0.00469	0.02591	0.02631	1.11449	1.04629	1.65E-04	2.62E-08	2.67E-08	2.36E-07	2.39E-07	3.64E-06	3.42E-06	1.7242E-04
605951.7	4201477.5	68506.65513	0.00456	0.00461	0.02479	0.02513	0.9625	0.91028	1.91E-04	2.56E-08	2.63E-08	2.26E-07	2.28E-07	3.15E-06	2.97E-06	1.9753E-04
605954.66	4201647.32	34640.14465	0.00477	0.00479	0.02845	0.02902	1.28233	1.2002	9.65E-05	2.68E-08	2.73E-08	2.60E-07	2.64E-07	4.19E-06	3.92E-06	1.0522E-04
605954.99	4201496.02	65113.08208	0.00462	0.00466	0.02538	0.02575	1.01209	0.95455	1.81E-04	2.60E-08	2.66E-08	2.31E-07	2.34E-07	3.31E-06	3.12E-06	1.8839E-04
605956.28	4201701.35	25718.39131	0.00433	0.00433	0.02656	0.02712	1.32704	1.23763	7.17E-05	2.44E-08	2.47E-08	2.42E-07	2.46E-07	4.34E-06	4.04E-06	8.0585E-05
605957.05	4201448.69	92201.78838	0.00484	0.00489	0.02527	0.02561	0.86033	0.81929	2.57E-04	2.72E-08	2.79E-08	2.30E-07	2.33E-07	2.81E-06	2.67E-06	2.6294E-04
605963.66	4201742.24	21620.50882	0.00415	0.00415	0.02588	0.02645	1.27881	1.19203	6.02E-05	2.33E-08	2.36E-08	2.36E-07	2.40E-07	4.18E-06	3.89E-06	6.8845E-05
605964.05	4201596.37	44629.13867	0.00529	0.00531	0.03049	0.03103	1.12011	1.0555	1.24E-04	2.98E-08	3.03E-08	2.78E-07	2.82E-07	3.66E-06	3.45E-06	1.3209E-04
605972.76	4201645.31	36689.13259	0.00492	0.00494	0.02936	0.02994	1.15355	1.0844	1.02E-04	2.77E-08	2.81E-08	2.68E-07	2.72E-07	3.77E-06	3.54E-06	1.1015E-04
605977.73	4201697.33	28286.53542	0.0045	0.00451	0.02761	0.02819	1.1773	1.10318	7.88E-05	2.53E-08	2.57E-08	2.52E-07	2.56E-07	3.85E-06	3.60E-06	8.6835E-05
605978.4	4201840.12	16726.0161	0.00424	0.00424	0.02621	0.02683	1.14302	1.05828	4.66E-05	2.38E-08	2.42E-08	2.39E-07	2.44E-07	3.74E-06	3.45E-06	5.4333E-05
605984.21	4201435.94	140994.1297	0.00522	0.00528	0.02672	0.02709	0.72489	0.69732	3.93E-04	2.94E-08	3.01E-08	2.44E-07	2.46E-07	2.37E-06	2.28E-06	3.9810E-04
605984.44	4201737.55	23914.73108	0.00434	0.00435	0.02698	0.02758	1.14815	1.07435	6.66E-05	2.44E-08	2.48E-08	2.46E-07	2.51E-07	3.75E-06	3.51E-06	7.4449E-05
605986.17	4201587.66	50348.99591	0.00536	0.00539	0.03091	0.03145	0.99224	0.93918	1.40E-04	3.01E-08	3.07E-08	2.82E-07	2.86E-07	3.24E-06	3.07E-06	1.4724E-04
605990.47	4201806.6	17555.29989	0.00401	0.00401	0.02551	0.02609	1.06061	0.98901	4.89E-05	2.26E-08	2.28E-08	2.33E-07	2.37E-07	3.47E-06	3.23E-06	5.6132E-05
605993.15	4201787.83	18844.26177	0.00405	0.00404	0.02573	0.02631	1.06047	0.9906	5.25E-05	2.28E-08	2.30E-08	2.35E-07	2.39E-07	3.47E-06	3.23E-06	5.9733E-05
605998.91	4201636.6	40640.89822	0.00522	0.00524	0.03104	0.03162	0.98949	0.93558	1.13E-04	2.94E-08	2.99E-08	2.83E-07	2.87E-07	3.24E-06	3.05E-06	1.2017E-04
605999.86	4201691.29	31663.43787	0.00472	0.00473	0.02887	0.02947	1.04549	0.98383	8.82E-05	2.65E-08	2.69E-08	2.63E-07	2.68E-07	3.42E-06	3.21E-06	9.5450E-05
606001.9	4201540.87	68182.15685	0.00503	0.00507	0.02848	0.02894	0.88255	0.83768	1.90E-04	2.83E-08	2.89E-08	2.60E-07	2.63E-07	2.89E-06	2.73E-06	1.9620E-04
606004.78	4201518.24	76931.88596	0.00497	0.00501	0.02776	0.02819	0.83374	0.79336	2.14E-04	2.80E-08	2.85E-08	2.53E-07	2.56E-07	2.73E-06	2.59E-06	2.2026E-04
606005.22	4201734.87	25719.00079	0.00447	0.00448	0.0278	0.02841	1.03394	0.97104	7.17E-05	2.51E-08	2.55E-08	2.54E-07	2.58E-07	3.38E-06	3.17E-06	7.8783E-05
606005.3	4201499.08	87633.15139	0.00501	0.00505	0.02749	0.02791	0.79507	0.75846	2.44E-04	2.82E-08	2.88E-08	2.51E-07	2.54E-07	2.60E-06	2.48E-06	2.4984E-04
606006.95	4201591.01	52470.20175	0.00548	0.0055	0.03169	0.03224	0.89788	0.85292	1.46E-04	3.08E-08	3.13E-08	2.89E-07	2.93E-07	2.94E-06	2.78E-06	1.5258E-04
606009.49	4201477.75	107429.0609	0.00512	0.00517	0.0275	0.0279	0.73739	0.70636	2.99E-04	2.88E-08	2.95E-08	2.51E-07	2.53E-07	2.41E-06	2.31E-06	3.0465E-04
606012.6	4201448.69	151822.3997	0.00529	0.00535	0.02757	0.02796	0.66645	0.64216	4.23E-04	2.98E-08	3.05E-08	2.51E-07	2.54E-07	2.18E-06	2.10E-06	4.2792E-04
606018.35	4201631.9	44085.96999	0.0053	0.00532	0.03151	0.0321	0.89953	0.85303	1.23E-04	2.98E-08	3.03E-08	2.87E-07	2.92E-07	2.94E-06	2.78E-06	1.2922E-04
606026	4201688.61	34444.7731	0.00486	0.00487	0.02977	0.03038	0.92	0.86908	9.60E-05	2.73E-08	2.77E-08	2.72E-07	2.76E-07	3.01E-06	2.84E-06	1.0243E-04
606028.01	4201804.59	19116.91642	0.00413	0.00413	0.02649	0.0271	0.87796	0.82253	5.33E-05	2.32E-08	2.35E-08	2.42E-07	2.46E-07	2.87E-06	2.68E-06	5.9363E-05
606028.68	4201785.15	20726.11712	0.00419	0.00419	0.02678	0.02739	0.89196	0.83683	5.78E-05	2.36E-08	2.39E-08	2.44E-07	2.49E-07	2.92E-06	2.73E-06	6.3946E-05
606029.35	4201731.52	27205.38403	0.00451	0.00451	0.0282	0.02881	0.91819	0.86486	7.58E-05	2.54E-08	2.57E-08	2.57E-07	2.62E-07	3.00E-06	2.82E-06	8.2208E-05
606029.75	4201589.67	56756.2804	0.00558	0.00561	0.03233	0.03288	0.8078	0.76987	1.58E-04	3.14E-08	3.20E-08	2.95E-07	2.99E-07	2.64E-06	2.51E-06	1.6397E-04
606037.79	4201634.59	46290.0277	0.00529	0.00531	0.0316	0.03219	0.82975	0.78844	1.29E-04	2.98E-08	3.03E-08	2.88E-07	2.92E-07	2.71E-06	2.57E-06	1.3492E-04
606042.76	4201830.73	19163.25684	0.00437	0.00436	0.02753	0.02819	0.81922	0.76595	5.34E-05	2.46E-08	2.48E-08	2.51E-07	2.56E-07	2.68E-06	2.50E-06	5.9137E-05
606048.12	4201685.26	35785.17248	0.00481	0.00482	0.02964	0.03023	0.83165	0.78766	9.97E-05	2.71E-08	2.75E-08	2.70E-07	2.75E-07	2.72E-06	2.57E-06	1.0561E-04
606053.21	4201593.02	59732.59112	0.00568	0.0057	0.03299	0.03355	0.73353	0.70085	1.66E-04	3.19E-08	3.25E-08	3.01E-07	3.05E-07	2.40E-06	2.29E-06	1.7181E-04
606054.16	4201725.48	29141.72226	0.00456	0.00456	0.02867	0.02928	0.81735	0.7724	8.12E-05	2.56E-08	2.60E-08	2.62E-07	2.66E-07	2.67E-06	2.52E-06	8.6981E-05
606054.96	4201471.1	152051.8295	0.00549	0.00554	0.02931	0.02974	0.59686	0.57649	4.24E-04	3.09E-08	3.16E-08	2.67E-07	2.70E-07	1.95E-06	1.88E-06	4.2815E-04
606057.41	4201447.66	210626.3673	0.00566	0.00572	0.02942	0.02984	0.55367	0.53732	5.87E-04	3.18E-08	3.26E-08	2.68E-07	2.71E-07	1.81E-06	1.75E-06	5.9111E-04
606057.76	4201494.89	127962.7816	0.0056	0.00565	0.03045	0.03091	0.62295	0.59996	3.57E-04	3.15E-08	3.22E-08	2.78E-07	2.81E-07	2.04E-06	1.96E-06	3.6121E-04
606058.46	4201539.31	88531.19112	0.00569	0.00572	0.03195	0.03247	0.67057	0.64342	2.47E-04	3.20E-08	3.26E-08	2.91E-07	2.95E-07	2.19E-06	2.10E-06	2.5165E-04
606059.25	4201628.55	50584.5383	0.00543	0.00545	0.03235	0.03293	0.75065	0.7153	1.41E-04	3.05E-08	3.11E-08	2.95E-07	2.99E-07	2.45E-06	2.33E-06	1.4641E-04
606061.96	4201516.57	108805.4355	0.00564	0.00568	0.03121	0.0317	0.63817	0.61364	3.03E-04	3.17E-08	3.24E-08	2.85E-07	2.88E-07	2.09E-06	2.00E-06	3.0793E-04
606070.25	4201675.21	40228.52548	0.00496	0.00496	0.03042	0.03101	0.75072	0.71319	1.12E-04	2.79E-08	2.83E-08	2.77E-07	2.82E-07	2.46E-06	2.33E-06	1.1750E-04
606074.67	4201584.98	66319.89377	0.00585	0.00588	0.03381	0.03437	0.66348	0.63574	1.85E-04	3.29E-08	3.35E-08	3.08E-07	3.12E-07	2.17E-06	2.08E-06	1.8974E-04
606077.62	4201831.4	20407.48623	0.00449	0.00448	0.02851	0.0292	0.69537	0.65237	5.69E-05	2.53E-08	2.55E-08	2.60E-07	2.65E-07	2.27E-06	2.13E-06	6.1848E-05
606078.96	4201722.8	31115.88774	0.00465	0.00465	0.02934	0.02995	0.73304	0.69447	8.67E-05	2.62E-08	2.65E-08	2.68E-07	2.72E-07	2.40E-06	2.27E-06	9.1966E-05
606082.04	4201624.53	54615.98272	0.00562	0.00563	0.03335	0.03394	0.67874	0.64848	1.52E-04	3.16E-08	3.21E-08	3.04E-07	3.08E-07	2.22E-06	2.12E-06	1.5721E-04
606083.3	4201427.03	352480.5488	0.00608	0.00614	0.03084	0.03127	0.47242	0.4614	9.82E-04	3.42E-08	3.50E-08	2.81E-07	2.84E-07	1.54E-06	1.51E-06	9.8593E-04
606085.67	4201779.79	24083.4708	0.00443	0.00443	0.0286	0.02924	0.69261	0.65358	6.71E-05	2.49E-08	2.52E-08	2.61E-07	2.66E-07	2.27E-06	2.13E-06	7.2087E-05
606090.36	4201797.89	22578.02489	0.00441	0.0044	0.02853	0.02919	0.6679	0.62961	6.29E-05	2.48E-08	2.51E-08	2.60E-07	2.65E-07	2.18E-06	2.06E-06	6.7732E-05
606095.72	4201675.21	43046.89854	0.00513	0.00513	0.0314	0.03199	0.67543	0.64308	1.20E-04	2.89E-08	2.92E-08	2.86E-07	2.91E-07	2.21E-06	2.10E-06	1.2490E-04
606099.47	4201581.62	71817.15811	0.00606	0.00609	0.03484	0.0354	0.5984	0.57484	2.00E-04	3.41E-08	3.47E-08	3.18E-07	3.22E-07	1.96E-06	1.88E-06	2.0467E-04
606101.76	4201726.82	32236.44824	0.00475	0.00475	0.03002	0.03063	0.6668	0.63265	8.98E-05	2.67E-08	2.71E-08	2.74E-07	2.78E-07	2.18E-06	2.06E-06	9.4683E-05
606102.82	4201623.19	57467.33381	0.00583	0.00584	0.03447	0.03507	0.6223	0.59573	1.60E-04	3.28E-08	3.33E-08	3.14E-07	3.19E-07	2.04E-06	1.94E-06	1.6482E-04
606107.43	4201441.37	283229.8569	0.00604	0.0061	0.03123	0.03167	0.45479	0.44346	7.89E-04	3.40E-08	3.48E-08	2.85E-07	2.88E-07	1.49E-06	1.45E-06	7.9284E-04
606108.13	4201514.12	123588.6107	0.00572	0.00576	0.03177	0.03226	0.53396	0.5157	3.44E-04	3.22E-08	3.28E-08	2.90E-07	2.93E-07	1.75E-06	1.68E-06	3.4848E-04
606112.33	4201491.04	151596.2352	0.00573	0.00578	0.03129	0.03176	0.5038	0.48785	4.22E-04	3.22E-08	3.29E-08	2.85E-07	2.89E-07	1.65E-06	1.59E-06	4.2633E-04
606113.03	4201537.21	104497.3174	0.00599	0.00602	0.03358	0.03412	0.54143	0.52235	2.91E-04	3.37E-08	3.43E-08	3.06E-07	3.10E-07	1.77E-06	1.70E-06	2.9536E-04
606113.38	4201469.7	185982.1473	0.00578	0.00584	0.03096	0.03142	0.47906	0.46517	5.18E-04	3.25E-08	3.33E-08	2.82E-07	2.85E-07	1.57E-06	1.52E-06	5.2199E-04
606118.24	4201586.99	72118.31807	0.00623	0.00625	0.03577	0.03633	0.56012	0.53862	2.01E-04	3.50E-08	3.56E-08	3.26E-07	3.30E-07	1.83E-06	1.76E-06	2.0529E-04
606121.87	4201679.23	45150.62247	0.00533	0.00533	0.0325	0.03312	0.61024	0.58199	1.26E-04	3.00E-08	3.04E-08	2.96E-07	3.01E-07	2.00E-06	1.90E-06	1.3037E-04
606125.89	4201728.17	34008.94139	0.0049	0.0049	0.03089	0.03151	0.60602	0.57587	9.48E-05	2.76E-08	2.79E-08	2.82E-07	2.86E-07	1.98E-06	1.88E-06	9.9256E-05
606129.64	4201621.18	60779.87889	0.00617	0.00618	0.03619	0.03679	0.55775	0.53516	1.69E-04	3.47E-08	3.52E-08	3.30E-07	3.34E-07	1.82E-06	1.75E-06	1.7368E-04
606129.91	4201828.72	21993.39256	0.00457	0.00455	0.02973	0.03044	0.55025	0.51907	6.13E-05	2.57E-08	2.59E-08	2.71E-07	2.77E-07	1.80E-06	1.69E-06	6.5381E-05
606130.58	4201805.26	24061.91486	0.00461	0.0046	0.02995	0.03064	0.56383	0.5328	6.71E-05	2.59E-08	2.62E-08	2.73E-07	2.78E-07	1.84E-06	1.74E-06	7.1239E-05
606133.93	4201786.49	26277.54841	0.00469	0.00468	0.03032	0.03099	0.56754	0.53717	7.32E-05	2.64E-08	2.67E-08	2.77E-07	2.82E-07	1.86E-06	1.75E-06	7.7447E-05
606141.04	4201589.67	74179.38233	0.00642	0.00644	0.03677	0.03734	0.51698	0.49775	2.07E-04	3.61E-08	3.67E-08	3.35E-07	3.39E-07	1.69E-06	1.62E-06	2.1078E-04
606143.99	4201858.89	21547.46245	0.00493	0.0049	0.03106	0.03184	0.51152	0.48174	6.00E-05	2.77E-08	2.79E-08	2.83E-07	2.89E-07	1.67E-06	1.57E-06	6.3919E-05
606147.07	4201623.19	62068.99185	0.00633	0.00634	0.03703	0.03763	0.52396	0.50317	1.73E-04	3.56E-08	3.61E-08	3.38E-07	3.42E-07	1.71E-06	1.64E-06	1.7707E-04
606149.35	4201736.88	34509.94103	0.00503	0.00503	0.03171	0.03234	0.55334	0.52623	9.62E-05	2.83E-08	2.87E-08	2.89E-07	2.94E-07	1.81E-06	1.72E-06	1.0033E-04
606149.76	4201533.71	116979.5798	0.00613	0.00616	0.0343	0.03484	0.47488	0.45941	3.26E-04	3.45E-08	3.51E-08	3.13E-07	3.16E-07	1.55E-06	1.50E-06	3.2973E-04
606154.05	4201702.02	42835.75919	0.00538	0.00538	0.03306	0.03369	0.54511	0.51992	1.19E-04	3.03E-08	3.07E-08	3.02E-07	3.06E-07	1.78E-06	1.70E-06	1.2352E-04
606158.5	4201482.99	174493.48	0.0059	0.00594	0.03213	0.03261	0.42498	0.41332	4.86E-04	3.32E-08	3.38E-08	2.93E-07	2.96E-07	1.39E-06	1.35E-06	4.8965E-04
606159.41	4201679.23	49546.0467	0.0057	0.0057	0.03449	0.03514	0.52947	0.50624	1.38E-04	3.21E-08	3.25E-08	3.15E-07	3.19E-07	1.73E-06	1.65E-06	1.4215E-04
606161.65	4201457.81	241656.556	0.00613	0.00619	0.03251	0.03298	0.39911	0.38931	6.73E-04	3.45E-08	3.53E-08	2.97E-07	3.00E-07	1.31E-06	1.27E-06	6.7666E-04
606162.49	4201601.07	71817.55996	0.00661	0.00663	0.03788	0.03847	0.4848	0.46681	2.00E-04	3.72E-08	3.78E-08	3.46E-07	3.49E-07	1.59E-06	1.52E-06	2.0401E-04
606166.11	4201859.56	21893.6348	0.00494	0.00491	0.03146	0.03225	0.46458	0.4385	6.10E-05	2.78E-08	2.80E-08	2.87E-07	2.93E-07	1.52E-06	1.43E-06	6.4596E-05
606167.94	4201503.63	151113.8193	0.00598	0.00602	0.03303	0.03355	0.4283	0.41573	4.21E-04	3.36E-08	3.43E-08	3.01E-07	3.05E-07	1.40E-06	1.36E-06	4.2453E-04
606169.34	4201536.16	118849.0033	0.00625	0.00628	0.035	0.03556	0.44671	0.43255	3.31E-04	3.52E-08	3.58E-08	3.19E-07	3.23E-07	1.46E-06	1.41E-06	3.3478E-04
606172.54	4201623.86	64679.42397	0.00655	0.00657	0.03815	0.03877	0.4793	0.46084	1.80E-04	3.68E-08	3.74E-08	3.48E-07	3.52E-07	1.57E-06	1.50E-06	1.8409E-04
606182.87	4201797.22	28691.45007	0.00514	0.00512	0.03271	0.03343	0.47228	0.44795	8.00E-05	2.89E-08	2.92E-08	2.98E-07	3.04E-07	1.54E-06	1.46E-06	8.3620E-05
606182.87	4201815.32	26346.27452	0.00504	0.00501	0.0323	0.03303	0.46134	0.43713	7.34E-05	2.83E-08	2.85E-08	2.95E-07	3.00E-07	1.51E-06	1.43E-06	7.7005E-05
606186.48	4201435.77	378704.789	0.00671	0.00678	0.03449	0.03497	0.3523	0.34516	1.06E-03	3.77E-08	3.86E-08	3.15E-07	3.18E-07	1.15E-06	1.13E-06	1.0583E-03
606186.89	4201842.13	23441.66255	0.00491	0.00488	0.03187	0.03262	0.43551	0.41226	6.53E-05	2.76E-08	2.78E-08	2.91E-07	2.96E-07	1.42E-06	1.35E-06	6.8736E-05
606187.56	4201772.41	32121.33852	0.00524	0.00522	0.03308	0.03377	0.47367	0.45023	8.95E-05	2.95E-08	2.97E-08	3.02E-07	3.07E-07	1.55E-06	1.47E-06	9.3197E-05
606194.94	4201745.6	37046.61997	0.00544	0.00542	0.03384	0.03451	0.46864	0.44644	1.03E-04	3.06E-08	3.09E-08	3.09E-07	3.13E-07	1.53E-06	1.46E-06	1.0691E-04
606202.98	4201718.78	43842.38342	0.00578	0.00577	0.03527	0.03596	0.45859	0.43782	1.22E-04	3.25E-08	3.29E-08	3.22E-07	3.27E-07	1.50E-06	1.43E-06	1.2582E-04
606207.68	4201693.98	50127.87863	0.00609	0.00608	0.03664	0.03734	0.44889	0.4296	1.40E-04	3.43E-08	3.46E-08	3.34E-07	3.39E-07	1.47E-06	1.40E-06	1.4330E-04
606208.52	4201434.72	382775.6559	0.00698	0.00705	0.03573	0.03624	0.33074	0.3243	1.07E-03	3.93E-08	4.02E-08	3.26E-07	3.29E-07	1.08E-06	1.06E-06	1.0695E-03
606212.37	4201484.74	185374.9862	0.00617	0.00621	0.0337	0.03421	0.36252	0.35339	5.17E-04	3.47E-08	3.54E-08	3.07E-07	3.11E-07	1.19E-06	1.15E-06	5.1960E-04
606214.45	4201529.7	135062.2606	0.00638	0.00641	0.0356	0.03617	0.38559	0.37434	3.76E-04	3.59E-08	3.65E-08	3.25E-07	3.29E-07	1.26E-06	1.22E-06	3.7958E-04
606216.45	4201599.79	79088.80353	0.00707	0.00709	0.04004	0.04067	0.4064	0.39222	2.20E-04	3.98E-08	4.04E-08	3.65E-07	3.69E-07	1.33E-06	1.28E-06	2.2382E-04
606217.24	4201646.32	62361.11118	0.00675	0.00675	0.03958	0.04024	0.42134	0.40502	1.74E-04	3.80E-08	3.85E-08	3.61E-07	3.66E-07	1.38E-06	1.32E-06	1.7728E-04
606219	4201578.94	91293.87998	0.00699	0.00701	0.03936	0.03997	0.39744	0.38432	2.54E-04	3.93E-08	3.99E-08	3.59E-07	3.63E-07	1.30E-06	1.25E-06	2.5776E-04
606221.97	4201624.24	69732.07057	0.007	0.00701	0.0403	0.04094	0.40743	0.39244	1.94E-04	3.94E-08	3.99E-08	3.68E-07	3.72E-07	1.33E-06	1.28E-06	1.9775E-04
606229.86	4201440.32	358329.6538	0.00709	0.00715	0.03649	0.03702	0.31659	0.31036	9.99E-04	3.99E-08	4.07E-08	3.33E-07	3.36E-07	1.04E-06	1.01E-06	1.0013E-03
606233.34	4201488.04	184499.7035	0.00628	0.00632	0.0344	0.03493	0.34346	0.33492	5.14E-04	3.53E-08	3.60E-08	3.14E-07	3.17E-07	1.12E-06	1.09E-06	5.1706E-04
606235.77	4201525.82	140866.5387	0.00642	0.00645	0.03575	0.03633	0.36059	0.35044	3.93E-04	3.61E-08	3.67E-08	3.26E-07	3.30E-07	1.18E-06	1.14E-06	3.9560E-04
606249.57	4201574.58	98977.57888	0.00712	0.00713	0.03998	0.04061	0.3626	0.3511	2.76E-04	4.00E-08	4.06E-08	3.65E-07	3.69E-07	1.19E-06	1.15E-06	2.7896E-04
606250.49	4201437.52	366111.7214	0.00742	0.00749	0.03795	0.0385	0.29818	0.29257	1.02E-03	4.17E-08	4.27E-08	3.46E-07	3.50E-07	9.75E-07	9.55E-07	1.0229E-03
606251.94	4201658.94	61418.01262	0.00704	0.00703	0.04113	0.04184	0.37955	0.36484	1.71E-04	3.96E-08	4.01E-08	3.75E-07	3.80E-07	1.24E-06	1.19E-06	1.7442E-04
606252.92	4201711.54	49274.28748	0.0065	0.00648	0.03885	0.03961	0.38673	0.37012	1.37E-04	3.66E-08	3.69E-08	3.54E-07	3.60E-07	1.26E-06	1.21E-06	1.4057E-04
606253.2	4201487.56	192730.2027	0.00644	0.00648	0.03518	0.03573	0.32505	0.31711	5.37E-04	3.62E-08	3.69E-08	3.21E-07	3.25E-07	1.06E-06	1.04E-06	5.3989E-04
606256.67	4201638.44	68016.57235	0.00724	0.00724	0.04173	0.04242	0.36934	0.35573	1.90E-04	4.07E-08	4.13E-08	3.81E-07	3.85E-07	1.21E-06	1.16E-06	1.9276E-04
606262.4	4201524.85	144915.4396	0.00655	0.00657	0.03637	0.03696	0.33419	0.32504	4.04E-04	3.68E-08	3.74E-08	3.32E-07	3.36E-07	1.09E-06	1.06E-06	4.0673E-04
606269.15	4201720.69	48295.48285	0.00665	0.00662	0.03962	0.0404	0.36687	0.35109	1.35E-04	3.74E-08	3.77E-08	3.61E-07	3.67E-07	1.20E-06	1.15E-06	1.3773E-04
606269.29	4201609.25	80280.89668	0.00755	0.00755	0.04245	0.04312	0.3488	0.33689	2.24E-04	4.25E-08	4.30E-08	3.87E-07	3.92E-07	1.14E-06	1.10E-06	2.2682E-04
606269.72	4201778.05	38191.72794	0.00646	0.00642	0.03887	0.03968	0.35941	0.34275	1.06E-04	3.63E-08	3.66E-08	3.55E-07	3.60E-07	1.18E-06	1.12E-06	1.0951E-04
606270.87	4201576.12	101193.1763	0.00721	0.00722	0.04047	0.04114	0.34211	0.33139	2.82E-04	4.05E-08	4.11E-08	3.69E-07	3.74E-07	1.12E-06	1.08E-06	2.8502E-04
606272.88	4201439.62	359319.3502	0.00761	0.00768	0.03897	0.03955	0.28333	0.278	1.00E-03	4.28E-08	4.38E-08	3.55E-07	3.59E-07	9.27E-07	9.07E-07	1.0039E-03
606275.48	4201489.01	195546.7373	0.00663	0.00666	0.03611	0.03667	0.30709	0.29972	5.45E-04	3.73E-08	3.79E-08	3.29E-07	3.33E-07	1.00E-06	9.78E-07	5.4764E-04
606276.42	4201759.93	41396.60809	0.00659	0.00655	0.03943	0.04024	0.35501	0.33903	1.15E-04	3.71E-08	3.73E-08	3.60E-07	3.66E-07	1.16E-06	1.11E-06	1.1843E-04
606279.84	4201522.43	149003.3999	0.00662	0.00664	0.03671	0.03731	0.31771	0.30922	4.15E-04	3.72E-08	3.78E-08	3.35E-07	3.39E-07	1.04E-06	1.01E-06	4.1802E-04
606289.5	4201742.98	44999.13942	0.00683	0.00678	0.04052	0.04134	0.34242	0.32754	1.25E-04	3.84E-08	3.86E-08	3.70E-07	3.76E-07	1.12E-06	1.07E-06	1.2841E-04
606291.38	4201574.55	105891.2118	0.0072	0.00721	0.04034	0.04103	0.32357	0.31366	2.95E-04	4.05E-08	4.11E-08	3.68E-07	3.73E-07	1.06E-06	1.02E-06	2.9799E-04
606292.47	4201438.92	363227.2522	0.00786	0.00792	0.0401	0.04072	0.26981	0.26483	1.01E-03	4.42E-08	4.51E-08	3.66E-07	3.70E-07	8.82E-07	8.64E-07	1.0148E-03
606293.82	4201678.82	58735.9382	0.0074	0.00737	0.04307	0.04383	0.33569	0.32263	1.64E-04	4.16E-08	4.20E-08	3.93E-07	3.98E-07	1.10E-06	1.05E-06	1.6670E-04
606297.28	4201490.95	197009.3281	0.00682	0.00685	0.03708	0.03767	0.29114	0.28426	5.49E-04	3.84E-08	3.90E-08	3.38E-07	3.42E-07	9.52E-07	9.28E-07	5.5164E-04
606298.76	4201611.71	82539.04025	0.0077	0.0077	0.04332	0.04403	0.32195	0.31115	2.30E-04	4.33E-08	4.39E-08	3.95E-07	4.00E-07	1.05E-06	1.02E-06	2.3296E-04
606300.16	4201729.9	47979.15732	0.00704	0.007	0.04152	0.04235	0.33193	0.31781	1.34E-04	3.96E-08	3.99E-08	3.79E-07	3.85E-07	1.09E-06	1.04E-06	1.3667E-04
606304.54	4201523.88	149390.9043	0.00674	0.00676	0.03736	0.03798	0.29807	0.29024	4.16E-04	3.79E-08	3.85E-08	3.41E-07	3.45E-07	9.75E-07	9.47E-07	4.1899E-04
606309.88	4201659.06	64795.24952	0.00782	0.00781	0.04472	0.04548	0.31669	0.305	1.81E-04	4.40E-08	4.45E-08	4.08E-07	4.13E-07	1.04E-06	9.96E-07	1.8350E-04
606312.67	4201570.6	111937.449	0.0072	0.0072	0.04018	0.04088	0.30494	0.29587	3.12E-04	4.05E-08	4.10E-08	3.66E-07	3.71E-07	9.97E-07	9.66E-07	3.1471E-04
606314.81	4201788.73	38393.81853	0.00723	0.00717	0.0427	0.04361	0.30859	0.29469	1.07E-04	4.07E-08	4.09E-08	3.89E-07	3.96E-07	1.01E-06	9.62E-07	1.0983E-04
606315.23	4201638.06	72209.0114	0.00796	0.00796	0.04495	0.04571	0.30971	0.29881	2.01E-04	4.48E-08	4.54E-08	4.10E-07	4.15E-07	1.01E-06	9.75E-07	2.0413E-04
606315.55	4201437.87	368314.3779	0.00819	0.00825	0.04159	0.04225	0.25498	0.25036	1.03E-03	4.61E-08	4.70E-08	3.79E-07	3.84E-07	8.34E-07	8.17E-07	1.0289E-03
606319.56	4201491.43	201105.0786	0.00705	0.00708	0.03815	0.03876	0.27551	0.26911	5.60E-04	3.97E-08	4.03E-08	3.48E-07	3.52E-07	9.01E-07	8.78E-07	5.6297E-04
606323.91	4201523.4	150831.358	0.00683	0.00684	0.03781	0.03844	0.28333	0.27604	4.20E-04	3.84E-08	3.90E-08	3.45E-07	3.49E-07	9.27E-07	9.01E-07	4.2291E-04
606326.76	4201698.59	55431.93955	0.00774	0.00771	0.04489	0.04571	0.30456	0.29261	1.54E-04	4.35E-08	4.39E-08	4.09E-07	4.15E-07	9.96E-07	9.55E-07	1.5733E-04
606330.59	4201761.12	43369.61097	0.00746	0.00741	0.04373	0.04463	0.29858	0.28574	1.21E-04	4.20E-08	4.22E-08	3.99E-07	4.05E-07	9.76E-07	9.33E-07	1.2365E-04
606330.81	4201577.7	108495.2812	0.00737	0.00737	0.04113	0.04186	0.29204	0.28324	3.02E-04	4.14E-08	4.20E-08	3.75E-07	3.80E-07	9.55E-07	9.25E-07	3.0506E-04
606336.02	4201492.4	202354.0256	0.00721	0.00724	0.03893	0.03957	0.26498	0.25888	5.64E-04	4.05E-08	4.13E-08	3.55E-07	3.59E-07	8.67E-07	8.45E-07	5.6640E-04
606336.54	4201438.57	365232.7276	0.00846	0.00852	0.04294	0.04363	0.24329	0.2389	1.02E-03	4.76E-08	4.85E-08	3.92E-07	3.96E-07	7.96E-07	7.80E-07	1.0202E-03
606339.11	4201680.06	60110.12094	0.00824	0.00822	0.0468	0.04761	0.29142	0.2805	1.68E-04	4.63E-08	4.68E-08	4.27E-07	4.32E-07	9.53E-07	9.16E-07	1.7033E-04
606346.36	4201775.32	41439.77775	0.00773	0.00768	0.04534	0.04629	0.28201	0.26981	1.15E-04	4.35E-08	4.38E-08	4.14E-07	4.21E-07	9.22E-07	8.81E-07	1.1820E-04
606348.13	4201523.88	151173.9414	0.00701	0.00703	0.03872	0.03937	0.26672	0.25996	4.21E-04	3.94E-08	4.01E-08	3.53E-07	3.58E-07	8.72E-07	8.49E-07	4.2378E-04
606348.58	4201660.71	65847.91705	0.00854	0.00855	0.04773	0.04853	0.28221	0.2721	1.83E-04	4.80E-08	4.87E-08	4.35E-07	4.41E-07	9.23E-07	8.88E-07	1.8628E-04
606356.48	4201437.17	370145.4273	0.00883	0.00889	0.04455	0.04527	0.23196	0.2278	1.03E-03	4.97E-08	5.07E-08	4.06E-07	4.11E-07	7.59E-07	7.44E-07	1.0339E-03
606356.84	4201575.34	112817.1635	0.00739	0.00739	0.04115	0.04189	0.27272	0.26475	3.14E-04	4.16E-08	4.21E-08	3.75E-07	3.81E-07	8.92E-07	8.64E-07	3.1698E-04
606357.23	4201635.59	76591.73419	0.00828	0.00827	0.0464	0.04722	0.27652	0.26712	2.13E-04	4.66E-08	4.71E-08	4.23E-07	4.29E-07	9.04E-07	8.72E-07	2.1616E-04
606357.41	4201787.15	39767.24334	0.00795	0.0079	0.04682	0.04777	0.27007	0.25845	1.11E-04	4.47E-08	4.50E-08	4.27E-07	4.34E-07	8.83E-07	8.44E-07	1.1350E-04
606361.21	4201490.46	212129.0933	0.00754	0.00757	0.04041	0.04109	0.24889	0.24331	5.91E-04	4.24E-08	4.31E-08	3.69E-07	3.73E-07	8.14E-07	7.94E-07	5.9357E-04
606365.08	4201531.15	144666.2498	0.00714	0.00715	0.03945	0.04012	0.25767	0.25106	4.03E-04	4.02E-08	4.07E-08	3.60E-07	3.64E-07	8.43E-07	8.19E-07	4.0560E-04
606373.59	4201720.63	52051.131	0.00838	0.00834	0.04834	0.04926	0.26368	0.25344	1.45E-04	4.71E-08	4.75E-08	4.41E-07	4.47E-07	8.62E-07	8.27E-07	1.4772E-04
606374.98	4201580.86	110191.5484	0.00752	0.00751	0.04179	0.04256	0.26128	0.25362	3.07E-04	4.23E-08	4.28E-08	3.81E-07	3.87E-07	8.54E-07	8.28E-07	3.0960E-04
606381.66	4201440.67	354658.2757	0.00913	0.00918	0.04611	0.04688	0.22086	0.21683	9.88E-04	5.13E-08	5.23E-08	4.21E-07	4.26E-07	7.22E-07	7.08E-07	9.9069E-04
606383.49	4201491.43	214653.2747	0.00782	0.00784	0.04172	0.04244	0.23661	0.23138	5.98E-04	4.40E-08	4.47E-08	3.81E-07	3.86E-07	7.74E-07	7.55E-07	6.0055E-04
606386.35	4201698.4	57103.9306	0.00883	0.00883	0.05021	0.05112	0.25417	0.24476	1.59E-04	4.97E-08	5.03E-08	4.58E-07	4.64E-07	8.31E-07	7.99E-07	1.6178E-04
606388.41	4201737.51	49114.90644	0.00852	0.00848	0.04926	0.05022	0.25163	0.24177	1.37E-04	4.79E-08	4.83E-08	4.49E-07	4.56E-07	8.23E-07	7.89E-07	1.3948E-04
606388.82	4201528.24	152468.4479	0.00746	0.00746	0.04086	0.04158	0.24275	0.23663	4.25E-04	4.20E-08	4.25E-08	3.73E-07	3.78E-07	7.94E-07	7.72E-07	4.2728E-04
606396.28	4201577.7	110271.7517	0.00745	0.00744	0.04156	0.04232	0.24722	0.24018	3.07E-04	4.19E-08	4.24E-08	3.79E-07	3.84E-07	8.08E-07	7.84E-07	3.0973E-04
606400.2	4201441.37	350888.0744	0.00942	0.00947	0.0475	0.04831	0.21245	0.20856	9.78E-04	5.30E-08	5.40E-08	4.33E-07	4.39E-07	6.95E-07	6.81E-07	9.8016E-04
606400.76	4201753.16	46518.77688	0.00864	0.00861	0.05016	0.05117	0.24146	0.23194	1.30E-04	4.86E-08	4.91E-08	4.58E-07	4.65E-07	7.90E-07	7.57E-07	1.3220E-04
606400.88	4201682.12	62188.14402	0.00903	0.00903	0.05074	0.05167	0.24528	0.23652	1.73E-04	5.08E-08	5.14E-08	4.63E-07	4.69E-07	8.02E-07	7.72E-07	1.7591E-04
606403.83	4201491.43	217693.2932	0.00813	0.00815	0.04317	0.04393	0.22595	0.22097	6.07E-04	4.57E-08	4.64E-08	3.94E-07	3.99E-07	7.39E-07	7.21E-07	6.0898E-04
606409.52	4201629	84223.27646	0.0084	0.00836	0.04646	0.04737	0.24318	0.2353	2.35E-04	4.72E-08	4.76E-08	4.24E-07	4.30E-07	7.95E-07	7.68E-07	2.3721E-04
606409.64	4201527.76	155482.3665	0.00774	0.00774	0.04215	0.04291	0.23105	0.2253	4.33E-04	4.35E-08	4.41E-08	3.84E-07	3.90E-07	7.56E-07	7.35E-07	4.3563E-04
606411.88	4201772.51	43340.05581	0.00879	0.00875	0.05141	0.05245	0.2314	0.22223	1.21E-04	4.94E-08	4.99E-08	4.69E-07	4.76E-07	7.57E-07	7.25E-07	1.2330E-04
606415.59	4201718.16	53445.27406	0.00914	0.00913	0.05233	0.05333	0.23368	0.225	1.49E-04	5.14E-08	5.20E-08	4.77E-07	4.84E-07	7.64E-07	7.34E-07	1.5150E-04
606415.7	4201656.59	72827.20793	0.00868	0.00864	0.0482	0.04914	0.23952	0.23135	2.03E-04	4.88E-08	4.92E-08	4.40E-07	4.46E-07	7.83E-07	7.55E-07	2.0547E-04
606417.34	4201441.37	351723.3273	0.00966	0.00971	0.04868	0.04951	0.20498	0.20123	9.80E-04	5.43E-08	5.53E-08	4.44E-07	4.50E-07	6.70E-07	6.57E-07	9.8246E-04
606421.52	4201578.49	110821.8231	0.00771	0.00769	0.0428	0.0436	0.23248	0.22594	3.09E-04	4.34E-08	4.38E-08	3.90E-07	3.96E-07	7.60E-07	7.37E-07	3.1119E-04

606425.14	4201492.89	215126.3034	0.00845	0.00846	0.04467	0.04547	0.2158	0.21103	5.99E-04	4.75E-08	4.82E-08	4.07E-07	4.13E-07	7.06E-07	6.89E-07	6.0179E-04
606430	4201786.92	41310.82984	0.00911	0.00907	0.05352	0.0546	0.21774	0.20919	1.15E-04	5.12E-08	5.17E-08	4.88E-07	4.96E-07	7.12E-07	6.83E-07	1.1760E-04
606431.64	4201749.04	47704.07124	0.00924	0.00921	0.05344	0.05451	0.22141	0.21302	1.33E-04	5.20E-08	5.25E-08	4.87E-07	4.95E-07	7.24E-07	6.95E-07	1.3544E-04
606431.92	4201532.6	151763.5296	0.00801	0.00801	0.04351	0.04431	0.22036	0.21484	4.23E-04	4.50E-08	4.56E-08	3.97E-07	4.03E-07	7.21E-07	7.01E-07	4.2522E-04
606433.4	4201693.65	61071.31134	0.00911	0.00907	0.05109	0.0521	0.22648	0.21851	1.70E-04	5.12E-08	5.17E-08	4.66E-07	4.73E-07	7.41E-07	7.13E-07	1.7268E-04
606441.24	4201580.07	111525.3666	0.00806	0.00803	0.04432	0.04517	0.22195	0.21574	3.11E-04	4.53E-08	4.58E-08	4.04E-07	4.10E-07	7.26E-07	7.04E-07	3.1312E-04
606444.62	4201444.87	335046.4534	0.01007	0.01011	0.05069	0.05157	0.19467	0.19103	9.34E-04	5.66E-08	5.76E-08	4.62E-07	4.68E-07	6.37E-07	6.24E-07	9.3596E-04
606447.91	4201503.06	196781.6239	0.00868	0.00868	0.04594	0.04678	0.20732	0.2026	5.48E-04	4.88E-08	4.95E-08	4.19E-07	4.25E-07	6.78E-07	6.61E-07	5.5064E-04
606453.07	4201608.46	96450.76833	0.00837	0.00832	0.04583	0.04674	0.21801	0.21149	2.69E-04	4.71E-08	4.74E-08	4.18E-07	4.25E-07	7.13E-07	6.90E-07	2.7112E-04
606454.65	4201658.94	74126.5574	0.00881	0.00875	0.04812	0.04912	0.21821	0.21096	2.07E-04	4.95E-08	4.99E-08	4.39E-07	4.46E-07	7.14E-07	6.89E-07	2.0895E-04
606455.43	4201631.34	85419.19014	0.00847	0.00841	0.04636	0.04729	0.21781	0.21098	2.38E-04	4.76E-08	4.79E-08	4.23E-07	4.30E-07	7.12E-07	6.89E-07	2.4038E-04
606456.22	4201751.23	47766.93195	0.00961	0.00957	0.05545	0.05658	0.20721	0.19951	1.33E-04	5.40E-08	5.45E-08	5.06E-07	5.14E-07	6.78E-07	6.51E-07	1.3557E-04
606459.38	4201686.55	64736.22761	0.00916	0.0091	0.05034	0.05139	0.21428	0.20683	1.80E-04	5.15E-08	5.18E-08	4.59E-07	4.67E-07	7.01E-07	6.75E-07	1.8280E-04
606459.53	4201534.54	152476.1002	0.00849	0.00848	0.04567	0.04653	0.20728	0.20213	4.25E-04	4.77E-08	4.83E-08	4.17E-07	4.23E-07	6.78E-07	6.60E-07	4.2717E-04
606461.74	4201579.28	112658.8245	0.00835	0.00832	0.04559	0.04648	0.21143	0.20553	3.14E-04	4.70E-08	4.74E-08	4.16E-07	4.22E-07	6.91E-07	6.71E-07	3.1624E-04
606474	4201459.56	278767.5428	0.0103	0.01033	0.05236	0.05327	0.18675	0.18306	7.77E-04	5.79E-08	5.89E-08	4.78E-07	4.84E-07	6.11E-07	5.98E-07	7.7912E-04
606498.84	4201448.36	310194.892	0.01164	0.0117	0.0564	0.05731	0.17472	0.17138	8.64E-04	6.55E-08	6.67E-08	5.14E-07	5.21E-07	5.71E-07	5.59E-07	8.6670E-04
606507.25	4201499.81	195704.0086	0.00982	0.00981	0.051	0.05195	0.18207	0.17796	5.45E-04	5.52E-08	5.59E-08	4.65E-07	4.72E-07	5.95E-07	5.81E-07	5.4758E-04
606508.65	4201695.39	63238.97959	0.00936	0.0093	0.0506	0.05171	0.19016	0.18376	1.76E-04	5.26E-08	5.30E-08	4.62E-07	4.70E-07	6.22E-07	6.00E-07	1.7848E-04
606508.93	4201744.7	50874.0571	0.00995	0.00989	0.05549	0.05671	0.18481	0.17822	1.42E-04	5.60E-08	5.63E-08	5.06E-07	5.15E-07	6.04E-07	5.82E-07	1.4409E-04
606509	4201630.66	82106.17486	0.00869	0.00861	0.04735	0.0483	0.19143	0.18568	2.29E-04	4.89E-08	4.91E-08	4.32E-07	4.39E-07	6.26E-07	6.06E-07	2.3100E-04
606510.05	4201608.27	93366.72224	0.00882	0.00875	0.04775	0.0487	0.19072	0.18521	2.60E-04	4.96E-08	4.99E-08	4.36E-07	4.42E-07	6.24E-07	6.05E-07	2.6239E-04
606510.05	4201720.93	56451.06671	0.00973	0.00968	0.05329	0.05449	0.18729	0.18071	1.57E-04	5.47E-08	5.52E-08	4.86E-07	4.95E-07	6.12E-07	5.90E-07	1.5960E-04
606511.8	4201676.15	67721.25027	0.00902	0.00895	0.04883	0.04987	0.18961	0.18344	1.89E-04	5.07E-08	5.10E-08	4.45E-07	4.53E-07	6.20E-07	5.99E-07	1.9093E-04
606512.15	4201523.95	161649.8163	0.00966	0.00963	0.05062	0.05158	0.18339	0.179	4.50E-04	5.43E-08	5.49E-08	4.62E-07	4.69E-07	6.00E-07	5.84E-07	4.5269E-04
606512.15	4201589.73	103978.4102	0.00896	0.00889	0.04819	0.04913	0.1891	0.18384	2.90E-04	5.04E-08	5.07E-08	4.40E-07	4.46E-07	6.18E-07	6.00E-07	2.9196E-04
606512.5	4201654.8	73018.38044	0.00875	0.00867	0.04771	0.04869	0.18963	0.1837	2.03E-04	4.92E-08	4.94E-08	4.35E-07	4.42E-07	6.20E-07	6.00E-07	2.0567E-04
606513.2	4201565.24	122004.1138	0.0092	0.00914	0.04898	0.04994	0.18706	0.1822	3.40E-04	5.17E-08	5.21E-08	4.47E-07	4.54E-07	6.12E-07	5.95E-07	3.4219E-04
606516.35	4201548.09	136435.5217	0.00949	0.00944	0.05005	0.05102	0.18432	0.17964	3.80E-04	5.34E-08	5.38E-08	4.57E-07	4.63E-07	6.03E-07	5.86E-07	3.8242E-04
606518.78	4201441.37	333330.8184	0.01217	0.01224	0.05821	0.05911	0.16672	0.16362	9.29E-04	6.84E-08	6.97E-08	5.31E-07	5.37E-07	5.45E-07	5.34E-07	9.3116E-04
606541.86	4201446.62	283214.3489	0.0125	0.01257	0.06004	0.06098	0.1605	0.15745	7.89E-04	7.03E-08	7.16E-08	5.48E-07	5.54E-07	5.25E-07	5.14E-07	7.9150E-04
606547.14	4201545.99	132995.9084	0.0103	0.01024	0.0534	0.05445	0.17228	0.16796	3.71E-04	5.79E-08	5.83E-08	4.87E-07	4.95E-07	5.63E-07	5.48E-07	3.7282E-04
606547.49	4201643.96	76569.02346	0.00937	0.0093	0.05025	0.05128	0.17528	0.17	2.13E-04	5.27E-08	5.30E-08	4.58E-07	4.66E-07	5.73E-07	5.55E-07	2.1553E-04
606549.59	4201682.79	63632.61317	0.0092	0.00915	0.05031	0.05138	0.17272	0.1672	1.77E-04	5.17E-08	5.21E-08	4.59E-07	4.67E-07	5.65E-07	5.46E-07	1.7946E-04
606549.94	4201527.45	148397.7727	0.01062	0.01058	0.05473	0.05581	0.16957	0.16546	4.14E-04	5.97E-08	6.03E-08	4.99E-07	5.07E-07	5.55E-07	5.40E-07	4.1575E-04
606550.58	4201746.15	50948.6615	0.01023	0.01017	0.05633	0.05766	0.16782	0.16202	1.42E-04	5.75E-08	5.79E-08	5.14E-07	5.24E-07	5.49E-07	5.29E-07	1.4421E-04
606550.64	4201703.09	59274.93607	0.00932	0.00928	0.05116	0.05228	0.1712	0.16562	1.65E-04	5.24E-08	5.29E-08	4.67E-07	4.75E-07	5.60E-07	5.41E-07	1.6733E-04
606550.64	4201723.38	55875.24696	0.00968	0.00964	0.05302	0.05422	0.16999	0.1643	1.56E-04	5.44E-08	5.49E-08	4.84E-07	4.93E-07	5.56E-07	5.36E-07	1.5788E-04
606551.69	4201619.47	86585.58207	0.00961	0.00953	0.0509	0.05193	0.17394	0.16892	2.41E-04	5.40E-08	5.43E-08	4.64E-07	4.72E-07	5.69E-07	5.51E-07	2.4345E-04
606552.74	4201663.55	69683.60326	0.00937	0.0093	0.0506	0.05166	0.17257	0.16723	1.94E-04	5.27E-08	5.30E-08	4.62E-07	4.69E-07	5.64E-07	5.46E-07	1.9633E-04
606553.44	4201490.71	187340.484	0.01129	0.01127	0.0574	0.05847	0.16404	0.16047	5.22E-04	6.35E-08	6.42E-08	5.24E-07	5.31E-07	5.36E-07	5.24E-07	5.2430E-04
606554.49	4201509.26	164901.3976	0.01102	0.01099	0.05639	0.05747	0.16599	0.16215	4.60E-04	6.20E-08	6.26E-08	5.14E-07	5.22E-07	5.43E-07	5.29E-07	4.6176E-04
606562.5	4201446.27	249415.2106	0.0129	0.01297	0.06179	0.06276	0.15439	0.15145	6.95E-04	7.26E-08	7.39E-08	5.64E-07	5.70E-07	5.05E-07	4.94E-07	6.9731E-04
606564.63	4201574.33	110033.7022	0.01045	0.01037	0.05401	0.0551	0.16784	0.16339	3.07E-04	5.88E-08	5.91E-08	4.93E-07	5.01E-07	5.49E-07	5.33E-07	3.0882E-04
606575.48	4201609.67	90295.53199	0.0103	0.01022	0.05359	0.05469	0.1651	0.16047	2.52E-04	5.79E-08	5.82E-08	4.89E-07	4.97E-07	5.40E-07	5.24E-07	2.5379E-04
606580.34	4201444.87	226724.0075	0.01328	0.01335	0.06337	0.06438	0.14921	0.14639	6.32E-04	7.47E-08	7.61E-08	5.78E-07	5.85E-07	4.88E-07	4.78E-07	6.3408E-04
606590.52	4201574.68	104981.6173	0.01124	0.01116	0.05743	0.05862	0.15883	0.1546	2.93E-04	6.32E-08	6.36E-08	5.24E-07	5.33E-07	5.19E-07	5.05E-07	2.9475E-04
606596.82	4201614.57	85997.91474	0.01086	0.01079	0.05609	0.05727	0.15774	0.15331	2.40E-04	6.11E-08	6.15E-08	5.12E-07	5.20E-07	5.16E-07	5.00E-07	2.4182E-04
606598.88	4201448.01	200277.8695	0.01365	0.01371	0.0651	0.06617	0.14463	0.14187	5.58E-04	7.68E-08	7.81E-08	5.94E-07	6.01E-07	4.73E-07	4.63E-07	5.6039E-04
606600.26	4201679.16	64074.13533	0.0103	0.01025	0.05543	0.05662	0.15476	0.15004	1.79E-04	5.79E-08	5.84E-08	5.06E-07	5.14E-07	5.06E-07	4.90E-07	1.8068E-04
606600.47	4201735.01	52314.17189	0.01061	0.01053	0.05803	0.05938	0.15081	0.14592	1.46E-04	5.97E-08	6.00E-08	5.29E-07	5.39E-07	4.93E-07	4.76E-07	1.4794E-04
606601.43	4201696.27	59875.19378	0.01027	0.01022	0.05582	0.05704	0.15333	0.14856	1.67E-04	5.78E-08	5.82E-08	5.09E-07	5.18E-07	5.01E-07	4.85E-07	1.6898E-04
606602.4	4201753.42	48795.87648	0.01097	0.01088	0.06001	0.06146	0.14848	0.14361	1.36E-04	6.17E-08	6.20E-08	5.47E-07	5.58E-07	4.86E-07	4.69E-07	1.3816E-04
606602.68	4201659.79	69418.31253	0.01048	0.01043	0.05563	0.05681	0.15492	0.15028	1.93E-04	5.89E-08	5.94E-08	5.07E-07	5.16E-07	5.07E-07	4.91E-07	1.9558E-04
606602.79	4201495.6	151713.6883	0.01269	0.01267	0.06359	0.06477	0.14888	0.14562	4.23E-04	7.14E-08	7.22E-08	5.80E-07	5.88E-07	4.87E-07	4.75E-07	4.2505E-04
606603.37	4201715.64	55950.08483	0.01041	0.01035	0.05687	0.05815	0.15136	0.14657	1.56E-04	5.85E-08	5.90E-08	5.19E-07	5.28E-07	4.95E-07	4.78E-07	1.5805E-04
606603.82	4201511.7	139143.0269	0.01248	0.01244	0.06293	0.06413	0.15013	0.14671	3.88E-04	7.02E-08	7.09E-08	5.74E-07	5.83E-07	4.91E-07	4.79E-07	3.9001E-04
606608.37	4201529.55	125226.3533	0.01242	0.01236	0.06286	0.06411	0.15015	0.14657	3.49E-04	6.99E-08	7.04E-08	5.73E-07	5.82E-07	4.91E-07	4.78E-07	3.5123E-04
606609.77	4201546.69	114718.3359	0.01227	0.0122	0.06229	0.06357	0.15084	0.14711	3.20E-04	6.90E-08	6.95E-08	5.68E-07	5.77E-07	4.93E-07	4.80E-07	3.2194E-04
606614.31	4201618.42	82354.93441	0.01133	0.01127	0.05832	0.05958	0.15196	0.14768	2.29E-04	6.37E-08	6.42E-08	5.32E-07	5.41E-07	4.97E-07	4.82E-07	2.3168E-04
606618.46	4201447.31	182112.3594	0.01408	0.01415	0.06699	0.06811	0.13956	0.1369	5.07E-04	7.92E-08	8.06E-08	6.11E-07	6.19E-07	4.56E-07	4.47E-07	5.0978E-04
606634.55	4201446.27	169385.2014	0.01449	0.01455	0.06864	0.06982	0.13551	0.13293	4.72E-04	8.15E-08	8.29E-08	6.26E-07	6.34E-07	4.43E-07	4.34E-07	4.7432E-04
606636.58	4201680.62	62146.23394	0.01135	0.01127	0.06022	0.06157	0.14314	0.13884	1.73E-04	6.38E-08	6.42E-08	5.49E-07	5.59E-07	4.68E-07	4.53E-07	1.7534E-04
606636.61	4201495.6	133676.2714	0.01369	0.01367	0.06785	0.06911	0.13936	0.13633	3.73E-04	7.70E-08	7.79E-08	6.19E-07	6.28E-07	4.56E-07	4.45E-07	3.7481E-04
606637.41	4201622.62	77835.3871	0.012	0.01193	0.06161	0.06297	0.14468	0.14057	2.17E-04	6.75E-08	6.80E-08	5.62E-07	5.72E-07	4.73E-07	4.59E-07	2.1910E-04
606637.54	4201662.7	66461.51524	0.01151	0.01144	0.06045	0.0618	0.14372	0.13944	1.85E-04	6.47E-08	6.52E-08	5.51E-07	5.61E-07	4.70E-07	4.55E-07	1.8737E-04
606638.46	4201547.04	105850.679	0.01314	0.01308	0.06648	0.06784	0.14216	0.1387	2.95E-04	7.39E-08	7.45E-08	6.06E-07	6.16E-07	4.65E-07	4.53E-07	2.9726E-04
606638.81	4201564.89	97807.18214	0.01301	0.01295	0.0662	0.0676	0.14278	0.13916	2.73E-04	7.32E-08	7.38E-08	6.04E-07	6.14E-07	4.67E-07	4.54E-07	2.7484E-04
606640.21	4201512.75	122384.5548	0.01357	0.01353	0.06774	0.06904	0.13962	0.13645	3.41E-04	7.63E-08	7.71E-08	6.18E-07	6.27E-07	4.57E-07	4.45E-07	3.4334E-04
606640.21	4201583.08	90287.86326	0.01289	0.01281	0.06583	0.06726	0.14293	0.13917	2.52E-04	7.25E-08	7.30E-08	6.00E-07	6.11E-07	4.67E-07	4.54E-07	2.5388E-04
606640.56	4201604.42	83049.6057	0.01249	0.01242	0.06379	0.0652	0.14351	0.13955	2.31E-04	7.02E-08	7.08E-08	5.82E-07	5.92E-07	4.69E-07	4.55E-07	2.3367E-04
606641.63	4201699.66	57580.93307	0.01148	0.01138	0.06124	0.06263	0.1405	0.13621	1.60E-04	6.46E-08	6.48E-08	5.59E-07	5.69E-07	4.59E-07	4.45E-07	1.6262E-04
606645.02	4201715.16	54261.4635	0.01162	0.01152	0.06217	0.06362	0.13842	0.13415	1.51E-04	6.54E-08	6.56E-08	5.67E-07	5.78E-07	4.53E-07	4.38E-07	1.5337E-04
606646.47	4201734.05	50698.68558	0.01178	0.01166	0.06319	0.0647	0.13656	0.13231	1.41E-04	6.63E-08	6.64E-08	5.76E-07	5.88E-07	4.47E-07	4.32E-07	1.4346E-04
606650.35	4201752.93	47329.68939	0.01208	0.01196	0.0649	0.06649	0.13387	0.12965	1.32E-04	6.79E-08	6.81E-08	5.92E-07	6.04E-07	4.38E-07	4.23E-07	1.3408E-04
606654.84	4201448.01	152946.0318	0.01502	0.01507	0.07097	0.07221	0.13088	0.12838	4.26E-04	8.45E-08	8.59E-08	6.47E-07	6.56E-07	4.28E-07	4.19E-07	4.2853E-04
606671.98	4201445.92	142905.2562	0.01554	0.01559	0.07308	0.07439	0.12681	0.1244	3.98E-04	8.74E-08	8.88E-08	6.67E-07	6.76E-07	4.15E-07	4.06E-07	4.0057E-04
606684.37	4201668.7	60602.59169	0.01316	0.01303	0.06793	0.06954	0.13003	0.12624	1.69E-04	7.40E-08	7.42E-08	6.20E-07	6.32E-07	4.25E-07	4.12E-07	1.7112E-04
606684.48	4201614.96	72648.74158	0.01398	0.01387	0.07148	0.07312	0.13074	0.12722	2.02E-04	7.86E-08	7.90E-08	6.52E-07	6.64E-07	4.28E-07	4.15E-07	2.0476E-04
606688.39	4201702.89	53715.58982	0.01311	0.01298	0.06831	0.06997	0.12722	0.12345	1.50E-04	7.37E-08	7.40E-08	6.23E-07	6.36E-07	4.16E-07	4.03E-07	1.5191E-04
606689.81	4201512.79	103687.8592	0.01528	0.01525	0.07496	0.07643	0.12702	0.12419	2.89E-04	8.59E-08	8.69E-08	6.84E-07	6.94E-07	4.15E-07	4.05E-07	2.9131E-04
606689.81	4201589.3	78685.76771	0.01437	0.01427	0.07287	0.07449	0.12923	0.12592	2.19E-04	8.08E-08	8.13E-08	6.65E-07	6.77E-07	4.23E-07	4.11E-07	2.2161E-04
606689.82	4201446.96	131723.1608	0.01611	0.01616	0.07546	0.07686	0.12298	0.12064	3.67E-04	9.06E-08	9.21E-08	6.88E-07	6.98E-07	4.02E-07	3.94E-07	3.6943E-04
606690.08	4201496.69	109711.1921	0.01551	0.0155	0.07544	0.07689	0.12612	0.1234	3.06E-04	8.72E-08	8.83E-08	6.88E-07	6.98E-07	4.12E-07	4.03E-07	3.0810E-04
606690.29	4201532.16	96599.12415	0.01492	0.01485	0.0741	0.07561	0.12773	0.12476	2.69E-04	8.39E-08	8.46E-08	6.76E-07	6.87E-07	4.18E-07	4.07E-07	2.7154E-04
606692.23	4201548.14	90689.44379	0.01481	0.01473	0.07401	0.07555	0.12775	0.1247	2.53E-04	8.33E-08	8.39E-08	6.75E-07	6.86E-07	4.18E-07	4.07E-07	2.5507E-04
606692.23	4201569.44	84015.77674	0.01461	0.01452	0.07355	0.07514	0.12826	0.12508	2.34E-04	8.22E-08	8.27E-08	6.71E-07	6.83E-07	4.19E-07	4.08E-07	2.3647E-04
606697.33	4201750.03	45708.65891	0.01314	0.01306	0.06998	0.07175	0.12172	0.11805	1.27E-04	7.39E-08	7.44E-08	6.38E-07	6.52E-07	3.98E-07	3.85E-07	1.2960E-04
606705.15	4201666.69	58880.07798	0.01404	0.0139	0.07189	0.07363	0.12461	0.12107	1.64E-04	7.90E-08	7.92E-08	6.56E-07	6.69E-07	4.08E-07	3.95E-07	1.6636E-04
606709.06	4201446.27	121700.0154	0.01684	0.01686	0.07823	0.07967	0.11885	0.1166	3.39E-04	9.47E-08	9.61E-08	7.14E-07	7.24E-07	3.89E-07	3.81E-07	3.4153E-04
606709.18	4201615.93	68797.34764	0.01482	0.01469	0.0752	0.07695	0.12442	0.12111	1.92E-04	8.33E-08	8.37E-08	6.86E-07	6.99E-07	4.07E-07	3.95E-07	1.9407E-04
606709.84	4201695.52	53347.01294	0.01388	0.01375	0.07165	0.07342	0.1222	0.11866	1.49E-04	7.81E-08	7.83E-08	6.54E-07	6.67E-07	4.00E-07	3.87E-07	1.5092E-04
606718.86	4201551.04	83429.12148	0.0157	0.01559	0.0778	0.07947	0.12155	0.11867	2.32E-04	8.83E-08	8.88E-08	7.10E-07	7.22E-07	3.98E-07	3.87E-07	2.3488E-04
606720.09	4201748.57	44790.29624	0.01349	0.01345	0.0722	0.07406	0.11642	0.113	1.25E-04	7.59E-08	7.66E-08	6.59E-07	6.73E-07	3.81E-07	3.69E-07	1.2705E-04
606720.31	4201572.83	77226.54665	0.01563	0.01551	0.07812	0.07985	0.12144	0.11846	2.15E-04	8.79E-08	8.84E-08	7.13E-07	7.25E-07	3.97E-07	3.87E-07	2.1760E-04
606723.22	4201511.82	93467.98098	0.01644	0.01639	0.07992	0.08155	0.11943	0.1168	2.60E-04	9.25E-08	9.34E-08	7.29E-07	7.41E-07	3.91E-07	3.81E-07	2.6289E-04
606724.19	4201533.13	87099.54868	0.01618	0.01609	0.07937	0.08103	0.11994	0.11719	2.43E-04	9.10E-08	9.17E-08	7.24E-07	7.36E-07	3.92E-07	3.83E-07	2.4513E-04
606725.93	4201665.35	57038.11714	0.01482	0.01468	0.07542	0.07728	0.11956	0.11622	1.59E-04	8.33E-08	8.36E-08	6.88E-07	7.02E-07	3.91E-07	3.79E-07	1.6127E-04
606728.64	4201447.31	112103.8432	0.01759	0.01761	0.0813	0.08289	0.11497	0.11279	3.12E-04	9.89E-08	1.00E-07	7.42E-07	7.53E-07	3.76E-07	3.68E-07	3.1483E-04
606730.46	4201491.23	96899.58856	0.01714	0.0171	0.08188	0.08349	0.11687	0.11441	2.70E-04	9.64E-08	9.74E-08	7.47E-07	7.58E-07	3.82E-07	3.73E-07	2.7248E-04
606733.87	4201616.9	65057.42177	0.01576	0.01561	0.07934	0.08122	0.11834	0.11531	1.81E-04	8.86E-08	8.89E-08	7.24E-07	7.38E-07	3.87E-07	3.76E-07	1.8370E-04
606739.34	4201697.53	50742.26165	0.01468	0.0146	0.07565	0.07756	0.11522	0.11195	1.41E-04	8.26E-08	8.32E-08	6.90E-07	7.05E-07	3.77E-07	3.65E-07	1.4370E-04
606745.08	4201446.96	105625.1657	0.0182	0.01819	0.08381	0.08552	0.11186	0.10974	2.94E-04	1.02E-07	1.04E-07	7.64E-07	7.77E-07	3.66E-07	3.58E-07	2.9681E-04
606748.4	4201588.33	68354.68691	0.01684	0.01671	0.08424	0.08616	0.11503	0.11218	1.90E-04	9.47E-08	9.52E-08	7.68E-07	7.83E-07	3.76E-07	3.66E-07	1.9296E-04
606749.39	4201666.02	54650.48942	0.01558	0.01546	0.07895	0.08094	0.11423	0.11106	1.52E-04	8.76E-08	8.81E-08	7.20E-07	7.35E-07	3.74E-07	3.63E-07	1.5466E-04
606749.63	4201747.12	43450.35465	0.01342	0.01347	0.07386	0.07576	0.10996	0.10683	1.21E-04	7.55E-08	7.67E-08	6.74E-07	6.88E-07	3.60E-07	3.49E-07	1.2330E-04
606760.02	4201616.9	61388.12249	0.01687	0.01672	0.08463	0.08667	0.1124	0.10953	1.71E-04	9.49E-08	9.53E-08	7.72E-07	7.87E-07	3.68E-07	3.58E-07	1.7354E-04
606763.47	4201701.55	48369.03688	0.01508	0.01506	0.07847	0.08049	0.10985	0.10677	1.35E-04	8.48E-08	8.58E-08	7.16E-07	7.31E-07	3.59E-07	3.49E-07	1.3711E-04
606764.67	4201449.41	97817.40832	0.01893	0.01891	0.08704	0.08887	0.10844	0.10638	2.73E-04	1.06E-07	1.08E-07	7.94E-07	8.07E-07	3.55E-07	3.47E-07	2.7510E-04
606772.85	4201664.68	52633.95723	0.01629	0.01621	0.0825	0.08465	0.10933	0.10635	1.47E-04	9.16E-08	9.24E-08	7.53E-07	7.69E-07	3.58E-07	3.47E-07	1.4908E-04
606773.36	4201751.96	41040.15856	0.01284	0.01296	0.07486	0.07681	0.10458	0.10167	1.14E-04	7.22E-08	7.38E-08	6.83E-07	6.98E-07	3.42E-07	3.32E-07	1.1657E-04
606774.54	4201498.02	81933.64074	0.01902	0.01894	0.0899	0.09192	0.10823	0.10595	2.28E-04	1.07E-07	1.08E-07	8.20E-07	8.35E-07	3.54E-07	3.46E-07	2.3089E-04
606774.54	4201515.11	78851.09817	0.01861	0.0185	0.08917	0.09104	0.10899	0.10662	2.20E-04	1.05E-07	1.05E-07	8.13E-07	8.27E-07	3.56E-07	3.48E-07	2.2229E-04
606776.24	4201532.76	75033.90178	0.01832	0.0182	0.08844	0.09047	0.10916	0.10671	2.09E-04	1.03E-07	1.04E-07	8.07E-07	8.22E-07	3.57E-07	3.48E-07	2.1163E-04
606777.77	4201572.87	66461.94562	0.01823	0.0181	0.09019	0.09215	0.10895	0.10635	1.85E-04	1.03E-07	1.03E-07	8.23E-07	8.37E-07	3.56E-07	3.47E-07	1.8778E-04
606781.11	4201450.46	92264.56371	0.01957	0.01953	0.08984	0.09172	0.10565	0.10365	2.57E-04	1.10E-07	1.11E-07	8.19E-07	8.33E-07	3.46E-07	3.38E-07	2.5967E-04
606781.63	4201550.27	70204.3779	0.01852	0.0184	0.09031	0.09236	0.1082	0.10571	1.96E-04	1.04E-07	1.05E-07	8.24E-07	8.39E-07	3.54E-07	3.45E-07	1.9821E-04
606784.71	4201619.32	57900.14577	0.01774	0.01762	0.08868	0.0909	0.10738	0.10467	1.61E-04	9.98E-08	1.00E-07	8.09E-07	8.26E-07	3.51E-07	3.42E-07	1.6388E-04
606788.27	4201705.57	46062.47755	0.01526	0.01532	0.08129	0.08342	0.10469	0.10182	1.28E-04	8.58E-08	8.73E-08	7.41E-07	7.58E-07	3.42E-07	3.32E-07	1.3071E-04
606796.31	4201667.36	50124.37495	0.0168	0.0168	0.08589	0.08817	0.10463	0.10185	1.40E-04	9.45E-08	9.57E-08	7.83E-07	8.01E-07	3.42E-07	3.32E-07	1.4213E-04
606800	4201757.78	38664.84678	0.01253	0.01266	0.07786	0.07992	0.09896	0.09629	1.08E-04	7.05E-08	7.21E-08	7.10E-07	7.26E-07	3.24E-07	3.14E-07	1.0996E-04
606800.7	4201451.51	86254.88275	0.02041	0.02034	0.09344	0.09542	0.10243	0.10049	2.40E-04	1.15E-07	1.16E-07	8.52E-07	8.67E-07	3.35E-07	3.28E-07	2.4298E-04
606805.3	4201504.85	73253.7493	0.02039	0.02027	0.09626	0.09848	0.10278	0.10061	2.04E-04	1.15E-07	1.15E-07	8.78E-07	8.95E-07	3.36E-07	3.28E-07	2.0680E-04
606806.99	4201621.74	54976.44506	0.01843	0.01835	0.09211	0.09451	0.10315	0.10058	1.53E-04	1.04E-07	1.05E-07	8.40E-07	8.59E-07	3.37E-07	3.28E-07	1.5577E-04
606808.1	4201568.11	62445.67135	0.0196	0.01948	0.09624	0.09848	0.10322	0.10081	1.74E-04	1.10E-07	1.11E-07	8.78E-07	8.95E-07	3.38E-07	3.29E-07	1.7667E-04
606815.75	4201713.62	43224.172	0.01522	0.01534	0.08487	0.08717	0.09914	0.09649	1.20E-04	8.56E-08	8.74E-08	7.74E-07	7.92E-07	3.24E-07	3.15E-07	1.2283E-04
606818.19	4201452.56	81325.03527	0.02123	0.02115	0.0969	0.09899	0.09966	0.09777	2.27E-04	1.19E-07	1.21E-07	8.84E-07	8.99E-07	3.26E-07	3.19E-07	2.2929E-04
606818.4	4201543.59	64545.18635	0.02051	0.0204	0.09873	0.10106	0.10124	0.09897	1.80E-04	1.15E-07	1.16E-07	9.01E-07	9.18E-07	3.31E-07	3.23E-07	1.8257E-04
606820.45	4201672.06	47450.79084	0.01715	0.01722	0.08953	0.09198	0.10004	0.09739	1.32E-04	9.65E-08	9.81E-08	8.17E-07	8.36E-07	3.27E-07	3.18E-07	1.3472E-04
606822.76	4201767.46	36410.67437	0.01251	0.01257	0.08146	0.0837	0.09432	0.09183	1.01E-04	7.04E-08	7.16E-08	7.43E-07	7.60E-07	3.08E-07	3.00E-07	1.0372E-04
606823.52	4201500.3	70261.30198	0.02134	0.02122	0.10016	0.10247	0.09957	0.0975	1.96E-04	1.20E-07	1.21E-07	9.14E-07	9.31E-07	3.26E-07	3.18E-07	1.9852E-04
606827.42	4201586.84	57121.12385	0.01998	0.01991	0.099	0.10153	0.09982	0.09746	1.59E-04	1.12E-07	1.13E-07	9.03E-07	9.22E-07	3.26E-07	3.18E-07	1.6187E-04
606829.21	4201623.71	52301.39822	0.01905	0.01903	0.09568	0.09827	0.09924	0.0968	1.46E-04	1.07E-07	1.08E-07	8.73E-07	8.93E-07	3.25E-07	3.16E-07	1.4837E-04
606836.03	4201452.56	76912.24399	0.02215	0.02204	0.1006	0.10286	0.0969	0.09506	2.14E-04	1.25E-07	1.26E-07	9.18E-07	9.34E-07	3.17E-07	3.10E-07	2.1706E-04
606838.55	4201678.09	45287.20152	0.01726	0.01738	0.09249	0.09507	0.09666	0.09415	1.26E-04	9.71E-08	9.90E-08	8.44E-07	8.64E-07	3.16E-07	3.07E-07	1.2873E-04
606839.22	4201718.98	41111.54246	0.01533	0.01546	0.08889	0.09137	0.0948	0.0923	1.15E-04	8.62E-08	8.81E-08	8.11E-07	8.30E-07	3.10E-07	3.01E-07	1.1699E-04
606840.61	4201535.61	62092.4323	0.02169	0.02159	0.10369	0.10628	0.09744	0.0953	1.73E-04	1.22E-07	1.23E-07	9.46E-07	9.65E-07	3.19E-07	3.11E-07	1.7582E-04
606848.02	4201501.43	65468.20188	0.02261	0.02249	0.10582	0.10834	0.09567	0.09369	1.82E-04	1.27E-07	1.28E-07	9.65E-07	9.84E-07	3.13E-07	3.06E-07	1.8526E-04
606848.84	4201591.3	53938.76969	0.02064	0.02062	0.10272	0.10548	0.09623	0.09397	1.50E-04	1.16E-07	1.17E-07	9.37E-07	9.58E-07	3.15E-07	3.07E-07	1.5306E-04
606849.73	4201627.88	49706.19407	0.01946	0.01951	0.09904	0.10181	0.09583	0.0935	1.39E-04	1.09E-07	1.11E-07	9.03E-07	9.25E-07	3.13E-07	3.05E-07	1.4118E-04
606852.3	4201771.34	34674.89977	0.01303	0.013	0.0869	0.08937	0.08934	0.08704	9.66E-05	7.33E-08	7.41E-08	7.93E-07	8.12E-07	2.92E-07	2.84E-07	9.8955E-05
606854.57	4201452.21	72700.10239	0.02321	0.02309	0.10489	0.10726	0.0941	0.09233	2.03E-04	1.31E-07	1.32E-07	9.57E-07	9.74E-07	3.08E-07	3.01E-07	2.0539E-04
606859.41	4201535.04	59301.59331	0.02261	0.02254	0.10807	0.11089	0.09446	0.09241	1.65E-04	1.27E-07	1.28E-07	9.86E-07	1.01E-06	3.09E-07	3.02E-07	1.6811E-04
606861.34	4201681.44	43143.85009	0.01763	0.01778	0.09735	0.10014	0.09274	0.09035	1.20E-04	9.92E-08	1.01E-07	8.88E-07	9.10E-07	3.03E-07	2.95E-07	1.2282E-04
606866.7	4201722.33	39061.86864	0.01571	0.01579	0.09424	0.09694	0.09019	0.08788	1.09E-04	8.84E-08	9.00E-08	8.60E-07	8.81E-07	2.95E-07	2.87E-07	1.1135E-04
606867.39	4201504.28	61771.74331	0.02362	0.02351	0.11068	0.1134	0.09278	0.09086	1.72E-04	1.33E-07	1.34E-07	1.01E-06	1.03E-06	3.03E-07	2.97E-07	1.7504E-04
606867.57	4201584.76	52500.80569	0.02147	0.02149	0.10694	0.10989	0.09331	0.09116	1.46E-04	1.21E-07	1.22E-07	9.75E-07	9.98E-07	3.05E-07	2.98E-07	1.4912E-04
606873.22	4201634.72	46701.75843	0.01983	0.01996	0.10371	0.1067	0.09199	0.08978	1.30E-04	1.12E-07	1.14E-07	9.46E-07	9.69E-07	3.01E-07	2.93E-07	1.3288E-04
606875.9	4201452.56	67996.1723	0.02472	0.02459	0.11081	0.11344	0.09096	0.08926	1.89E-04	1.39E-07	1.40E-07	1.01E-06	1.03E-06	2.97E-07	2.91E-07	1.9239E-04
606876.03	4201770.85	33786.52642	0.01367	0.01364	0.09188	0.09454	0.08585	0.08369	9.42E-05	7.69E-08	7.77E-08	8.38E-07	8.59E-07	2.81E-07	2.73E-07	9.6557E-05
606876.75	4201686.8	41473.8995	0.01785	0.018	0.10108	0.10402	0.09009	0.08779	1.16E-04	1.00E-07	1.03E-07	9.22E-07	9.45E-07	2.95E-07	2.87E-07	1.1822E-04
606879.35	4201540.17	55947.56026	0.02337	0.02333	0.11258	0.11551	0.09153	0.08954	1.56E-04	1.31E-07	1.33E-07	1.03E-06	1.05E-06	2.99E-07	2.92E-07	1.5884E-04
606884.47	4201502.57	59252.47883	0.0246	0.02452	0.11529	0.11818	0.09025	0.08841	1.65E-04	1.38E-07	1.40E-07	1.05E-06	1.07E-06	2.95E-07	2.89E-07	1.6810E-04
606889.49	4201720.32	37832.22335	0.01642	0.01649	0.09988	0.1028	0.08683	0.08465	1.05E-04	9.23E-08	9.40E-08	9.11E-07	9.34E-07	2.84E-07	2.76E-07	1.0802E-04
606891.36	4201599.33	48385.87219	0.02174	0.02186	0.11094	0.11416	0.08956	0.08749	1.35E-04	1.22E-07	1.25E-07	1.01E-06	1.04E-06	2.93E-07	2.86E-07	1.3771E-04
606892.25	4201637.1	44645.50831	0.02046	0.02064	0.11009	0.11336	0.08877	0.08665	1.24E-04	1.15E-07	1.18E-07	1.00E-06	1.03E-06	2.90E-07	2.83E-07	1.2725E-04
606892.34	4201453.96	64431.97867	0.02597	0.02586	0.11619	0.11897	0.08861	0.08695	1.80E-04	1.46E-07	1.47E-07	1.06E-06	1.08E-06	2.90E-07	2.84E-07	1.8256E-04
606897.31	4201583.27	49357.7499	0.02247	0.02259	0.11325	0.11652	0.08889	0.08688	1.38E-04	1.26E-07	1.29E-07	1.03E-06	1.06E-06	2.91E-07	2.84E-07	1.4046E-04
606898.2	4201691.5	39507.96848	0.01839	0.01855	0.10748	0.1107	0.08664	0.08448	1.10E-04	1.03E-07	1.06E-07	9.80E-07	1.01E-06	2.83E-07	2.76E-07	1.1285E-04
606900.73	4201772.79	32639.74406	0.01432	0.01439	0.0979	0.10078	0.08235	0.08032	9.10E-05	8.05E-08	8.20E-08	8.93E-07	9.15E-07	2.69E-07	2.62E-07	9.3458E-05
606902.13	4201544.16	52687.14508	0.02408	0.02411	0.11749	0.12066	0.08833	0.08643	1.47E-04	1.35E-07	1.37E-07	1.07E-06	1.10E-06	2.89E-07	2.82E-07	1.4983E-04
606905.55	4201522.51	54247.03099	0.02523	0.02525	0.12061	0.12391	0.08763	0.08579	1.51E-04	1.42E-07	1.44E-07	1.10E-06	1.13E-06	2.87E-07	2.80E-07	1.5425E-04
606912.96	4201504.85	54837.60957	0.02615	0.02615	0.12379	0.12704	0.08633	0.08457	1.53E-04	1.47E-07	1.49E-07	1.13E-06	1.15E-06	2.82E-07	2.76E-07	1.5595E-04
606914.38	4201456.76	59992.96126	0.02748	0.02739	0.12366	0.12672	0.0856	0.084	1.67E-04	1.55E-07	1.56E-07	1.13E-06	1.15E-06	2.80E-07	2.74E-07	1.7032E-04
606922.34	4201725.01	35561.86108	0.01687	0.01701	0.10714	0.11035	0.082	0.07999	9.91E-05	9.49E-08	9.69E-08	9.77E-07	1.00E-06	2.68E-07	2.61E-07	1.0180E-04
606923.68	4201691.5	37763.65151	0.01911	0.01933	0.11582	0.11943	0.08298	0.08096	1.05E-04	1.07E-07	1.10E-07	1.06E-06	1.08E-06	2.71E-07	2.64E-07	1.0813E-04
606925.43	4201770.37	31850.7631	0.01485	0.01508	0.10454	0.10767	0.07929	0.07737	8.88E-05	8.35E-08	8.59E-08	9.54E-07	9.78E-07	2.59E-07	2.53E-07	9.1370E-05
606932.92	4201460.96	56504.64716	0.02863	0.0286	0.13014	0.13348	0.08324	0.08168	1.57E-04	1.61E-07	1.63E-07	1.19E-06	1.21E-06	2.72E-07	2.67E-07	1.6072E-04
606935.74	4201641.22	40436.1121	0.02184	0.02215	0.12855	0.13266	0.08227	0.08036	1.13E-04	1.23E-07	1.26E-07	1.17E-06	1.21E-06	2.69E-07	2.62E-07	1.1584E-04
606940.44	4201723.67	34640.09603	0.01731	0.01755	0.11262	0.11609	0.07967	0.07775	9.65E-05	9.74E-08	1.00E-07	1.03E-06	1.05E-06	2.61E-07	2.54E-07	9.9324E-05
606941.11	4201611.06	42410.47868	0.02307	0.02338	0.12955	0.13369	0.08224	0.08038	1.18E-04	1.30E-07	1.33E-07	1.18E-06	1.21E-06	2.69E-07	2.62E-07	1.2137E-04
606942.45	4201591.62	43949.67469	0.02372	0.02401	0.12828	0.13234	0.08246	0.08063	1.22E-04	1.33E-07	1.37E-07	1.17E-06	1.20E-06	2.70E-07	2.63E-07	1.2565E-04
606947.14	4201691.5	36259.07318	0.01957	0.01988	0.12339	0.12741	0.07986	0.07793	1.01E-04	1.10E-07	1.13E-07	1.13E-06	1.16E-06	2.61E-07	2.54E-07	1.0406E-04
606947.26	4201548.33	47197.1322	0.02549	0.02572	0.12883	0.13277	0.08234	0.0806	1.32E-04	1.43E-07	1.47E-07	1.18E-06	1.21E-06	2.69E-07	2.63E-07	1.3473E-04
606948.68	4201774.24	30772.51821	0.01503	0.01541	0.11206	0.11554	0.07631	0.07449	8.58E-05	8.45E-08	8.78E-08	1.02E-06	1.05E-06	2.50E-07	2.43E-07	8.8489E-05
606951.81	4201517.55	49037.70116	0.02766	0.02786	0.13548	0.13944	0.08159	0.07993	1.37E-04	1.56E-07	1.59E-07	1.24E-06	1.27E-06	2.67E-07	2.61E-07	1.4000E-04
606952.5	4201465.5	53199.06021	0.02979	0.02984	0.13756	0.14123	0.08087	0.07934	1.48E-04	1.68E-07	1.70E-07	1.25E-06	1.28E-06	2.64E-07	2.59E-07	1.5165E-04
606957.19	4201638.54	39014.41903	0.02236	0.02273	0.13595	0.1405	0.07956	0.07774	1.09E-04	1.26E-07	1.30E-07	1.24E-06	1.28E-06	2.60E-07	2.54E-07	1.1201E-04
606965.8	4201551.48	45023.16951	0.02597	0.02629	0.13496	0.13925	0.08	0.07831	1.25E-04	1.46E-07	1.50E-07	1.23E-06	1.26E-06	2.62E-07	2.56E-07	1.2877E-04
606967.25	4201725.68	33070.35776	0.01741	0.01782	0.12065	0.12455	0.07625	0.07445	9.22E-05	9.79E-08	1.02E-07	1.10E-06	1.13E-06	2.49E-07	2.43E-07	9.5079E-05
606969.26	4201597.65	41062.50378	0.02426	0.02465	0.13912	0.14379	0.07891	0.07718	1.14E-04	1.36E-07	1.40E-07	1.27E-06	1.31E-06	2.58E-07	2.52E-07	1.1779E-04
606970	4201519.99	46918.98099	0.02805	0.02834	0.14103	0.14512	0.07947	0.07786	1.31E-04	1.58E-07	1.61E-07	1.29E-06	1.32E-06	2.60E-07	2.54E-07	1.3418E-04
606973.28	4201692.84	34582.26636	0.01986	0.02027	0.13269	0.13725	0.07654	0.07473	9.64E-05	1.12E-07	1.15E-07	1.21E-06	1.25E-06	2.50E-07	2.44E-07	9.9547E-05
606974.19	4201467.6	50154.70317	0.03111	0.03128	0.14665	0.15078	0.07833	0.07686	1.40E-04	1.75E-07	1.78E-07	1.34E-06	1.37E-06	2.56E-07	2.51E-07	1.4333E-04
606981.54	4201556.73	43101.44053	0.02619	0.0266	0.14063	0.14526	0.07805	0.07641	1.20E-04	1.47E-07	1.52E-07	1.28E-06	1.32E-06	2.55E-07	2.49E-07	1.2351E-04
606983.34	4201639.21	37095.82324	0.0228	0.02322	0.14597	0.15117	0.07635	0.07464	1.03E-04	1.28E-07	1.32E-07	1.33E-06	1.37E-06	2.50E-07	2.44E-07	1.0683E-04
606986.02	4201605.69	39113.70576	0.02433	0.02478	0.14672	0.15184	0.07673	0.07505	1.09E-04	1.37E-07	1.41E-07	1.34E-06	1.38E-06	2.51E-07	2.45E-07	1.1249E-04
606989.24	4201523.49	44687.61345	0.02847	0.02888	0.14777	0.15247	0.07724	0.07568	1.25E-04	1.60E-07	1.65E-07	1.35E-06	1.39E-06	2.53E-07	2.47E-07	1.2809E-04
606994.48	4201473.2	47202.61995	0.03202	0.03234	0.15625	0.16081	0.07602	0.07459	1.32E-04	1.80E-07	1.84E-07	1.43E-06	1.46E-06	2.49E-07	2.43E-07	1.3528E-04
606994.73	4201727.69	31556.6294	0.01722	0.0177	0.12976	0.13418	0.07297	0.07129	8.79E-05	9.68E-08	1.01E-07	1.18E-06	1.22E-06	2.39E-07	2.33E-07	9.1009E-05
606995.17	4201774.24	29022.8452	0.01507	0.01545	0.12866	0.133	0.07106	0.06944	8.09E-05	8.48E-08	8.80E-08	1.17E-06	1.21E-06	2.32E-07	2.27E-07	8.3890E-05
606999.43	4201694.18	33009.17011	0.01996	0.02044	0.14285	0.14806	0.07343	0.07174	9.20E-05	1.12E-07	1.16E-07	1.30E-06	1.34E-06	2.40E-07	2.34E-07	9.5336E-05
607000.43	4201559.18	41242.05036	0.0265	0.027	0.14717	0.15228	0.07585	0.07427	1.15E-04	1.49E-07	1.54E-07	1.34E-06	1.38E-06	2.48E-07	2.42E-07	1.1845E-04
607006.13	4201605.69	37562.76432	0.02481	0.0253	0.15648	0.1622	0.07438	0.07277	1.05E-04	1.40E-07	1.44E-07	1.43E-06	1.47E-06	2.43E-07	2.38E-07	1.0834E-04
607006.8	4201642.56	35315.63772	0.02304	0.0235	0.15618	0.16208	0.07357	0.07194	9.84E-05	1.30E-07	1.34E-07	1.42E-06	1.47E-06	2.41E-07	2.35E-07	1.0205E-04
607008.48	4201525.94	42648.11828	0.02895	0.02946	0.15601	0.1612	0.07507	0.07357	1.19E-04	1.63E-07	1.68E-07	1.42E-06	1.46E-06	2.46E-07	2.40E-07	1.2255E-04

607012.32	4201474.6	45174.49367	0.03295	0.03341	0.16568	0.1708	0.07412	0.07273	1.26E-04	1.85E-07	1.90E-07	1.51E-06	1.55E-06	2.42E-07	2.37E-07	1.2980E-04
607016.85	4201734.4	30141.18159	0.01679	0.0172	0.13781	0.14271	0.0703	0.06871	8.40E-05	9.44E-08	9.80E-08	1.26E-06	1.30E-06	2.30E-07	2.24E-07	8.7193E-05
607018.28	4201564.42	39384.88582	0.02662	0.0272	0.1551	0.16075	0.07379	0.07226	1.10E-04	1.50E-07	1.55E-07	1.41E-06	1.46E-06	2.41E-07	2.36E-07	1.1341E-04
607019.38	4201778.6	27840.16781	0.01516	0.01542	0.13973	0.1447	0.06838	0.06685	7.76E-05	8.53E-08	8.79E-08	1.27E-06	1.31E-06	2.24E-07	2.18E-07	8.0785E-05
607022.22	4201611.73	35932.35253	0.02514	0.02567	0.1689	0.17517	0.07237	0.07081	1.00E-04	1.41E-07	1.46E-07	1.54E-06	1.59E-06	2.37E-07	2.31E-07	1.0402E-04
607024.22	4201530.14	40939.21116	0.02915	0.02975	0.16334	0.16907	0.07334	0.07188	1.14E-04	1.64E-07	1.70E-07	1.49E-06	1.54E-06	2.40E-07	2.35E-07	1.1792E-04
607024.23	4201700.21	31376.87015	0.01968	0.02015	0.15255	0.15841	0.07055	0.06896	8.74E-05	1.11E-07	1.15E-07	1.39E-06	1.44E-06	2.31E-07	2.25E-07	9.0948E-05
607026.25	4202541.14	8034.09101	0.00835	0.00839	1.18461	1.42918	0.03902	0.03834	2.24E-05	4.70E-08	4.78E-08	1.08E-05	1.30E-05	1.28E-07	1.25E-07	4.6524E-05
607027.58	4201648.59	33693.33239	0.02304	0.0235	0.16542	0.17204	0.07118	0.06962	9.39E-05	1.30E-07	1.34E-07	1.51E-06	1.56E-06	2.33E-07	2.27E-07	9.7687E-05
607027.66	4202519.84	8270.39061	0.00854	0.00858	1.11494	1.37262	0.03972	0.03902	2.30E-05	4.80E-08	4.89E-08	1.02E-05	1.25E-05	1.30E-07	1.27E-07	4.6040E-05
607028.76	4201479.84	43155.79214	0.03345	0.03405	0.17529	0.18093	0.07244	0.07108	1.20E-04	1.88E-07	1.94E-07	1.60E-06	1.64E-06	2.37E-07	2.32E-07	1.2435E-04
607029.94	4202561.66	7809.38407	0.00821	0.00825	1.31202	1.62804	0.03818	0.03752	2.18E-05	4.62E-08	4.70E-08	1.20E-05	1.48E-05	1.25E-07	1.22E-07	4.8859E-05
607034.05	4202579.72	7623.12434	0.00811	0.00814	1.41626	1.83886	0.03744	0.0368	2.12E-05	4.56E-08	4.64E-08	1.29E-05	1.67E-05	1.22E-07	1.20E-07	5.1200E-05
607037.52	4201565.47	37802.31478	0.02687	0.02753	0.16412	0.17039	0.07171	0.07024	1.05E-04	1.51E-07	1.57E-07	1.50E-06	1.55E-06	2.35E-07	2.29E-07	1.0916E-04
607039.63	4202508.96	8379.2563	0.00872	0.00876	1.28314	1.68238	0.03968	0.03898	2.34E-05	4.90E-08	4.99E-08	1.17E-05	1.53E-05	1.30E-07	1.27E-07	5.0693E-05
607040.32	4201615.75	34354.81668	0.02541	0.02597	0.18359	0.19094	0.07022	0.06872	9.57E-05	1.43E-07	1.48E-07	1.67E-06	1.73E-06	2.30E-07	2.24E-07	9.9889E-05
607040.61	4202600.65	7416.67062	0.008	0.00804	1.57615	2.16727	0.03655	0.03594	2.07E-05	4.50E-08	4.58E-08	1.44E-05	1.97E-05	1.20E-07	1.17E-07	5.5060E-05
607042.07	4201533.29	39192.69712	0.02953	0.0302	0.17372	0.18005	0.07142	0.07001	1.09E-04	1.66E-07	1.72E-07	1.58E-06	1.64E-06	2.34E-07	2.29E-07	1.1324E-04
607044.32	4202654.11	6954.13502	0.0077	0.00774	1.17884	1.65085	0.03481	0.03425	1.94E-05	4.33E-08	4.41E-08	1.08E-05	1.50E-05	1.14E-07	1.12E-07	4.5441E-05
607044.34	4201706.91	30062.22505	0.01935	0.01973	0.16075	0.16718	0.06828	0.06676	8.38E-05	1.09E-07	1.12E-07	1.47E-06	1.52E-06	2.23E-07	2.18E-07	8.7420E-05
607044.34	4201729.71	29102.80955	0.01726	0.01755	0.15117	0.15692	0.06764	0.06613	8.11E-05	9.71E-08	1.00E-07	1.38E-06	1.43E-06	2.21E-07	2.16E-07	8.4538E-05
607044.57	4201783.93	26640.73805	0.01535	0.0155	0.15256	0.1583	0.06572	0.06427	7.42E-05	8.63E-08	8.83E-08	1.39E-06	1.44E-06	2.15E-07	2.10E-07	7.7667E-05
607047.25	4202491.54	8576.3468	0.00894	0.00898	1.29143	1.75739	0.04002	0.0393	2.39E-05	5.03E-08	5.12E-08	1.18E-05	1.60E-05	1.31E-07	1.28E-07	5.2004E-05
607048.02	4202674.63	6787.43108	0.00761	0.00764	0.99094	1.42595	0.03409	0.03356	1.89E-05	4.28E-08	4.35E-08	9.04E-06	1.30E-05	1.11E-07	1.10E-07	4.1214E-05
607050.37	4201654.63	32062.64562	0.02306	0.0235	0.17724	0.18477	0.06868	0.06719	8.93E-05	1.30E-07	1.34E-07	1.62E-06	1.68E-06	2.25E-07	2.19E-07	9.3350E-05
607052.12	4202692.69	6644.85564	0.00753	0.00756	0.80743	1.1978	0.03345	0.03293	1.85E-05	4.23E-08	4.31E-08	7.36E-06	1.09E-05	1.09E-07	1.07E-07	3.7065E-05
607053.24	4201471.1	41376.90468	0.03528	0.03607	0.19217	0.19873	0.06998	0.0687	1.15E-04	1.98E-07	2.06E-07	1.75E-06	1.81E-06	2.29E-07	2.24E-07	1.1972E-04
607054.99	4201488.59	40204.47998	0.03397	0.03477	0.19273	0.19948	0.06984	0.06853	1.12E-04	1.91E-07	1.98E-07	1.76E-06	1.81E-06	2.28E-07	2.24E-07	1.1645E-04
607055.01	4201570.37	36195.60366	0.02696	0.02766	0.17491	0.18193	0.06982	0.0684	1.01E-04	1.52E-07	1.58E-07	1.60E-06	1.65E-06	2.28E-07	2.23E-07	1.0487E-04
607055.96	4202475.22	8766.82141	0.00916	0.0092	1.32754	1.84232	0.04027	0.03955	2.44E-05	5.15E-08	5.24E-08	1.21E-05	1.67E-05	1.32E-07	1.29E-07	5.3640E-05
607057.74	4201619.77	32974.20381	0.02555	0.02608	0.19715	0.20532	0.06828	0.06684	9.19E-05	1.44E-07	1.49E-07	1.80E-06	1.87E-06	2.23E-07	2.18E-07	9.6285E-05
607058.69	4202713.61	6484.99433	0.00745	0.00748	0.61933	0.92444	0.03267	0.03217	1.81E-05	4.19E-08	4.26E-08	5.65E-06	8.40E-06	1.07E-07	1.05E-07	3.2415E-05
607058.84	4201453.26	41940.67071	0.03709	0.03791	0.19744	0.20418	0.06941	0.06817	1.17E-04	2.09E-07	2.16E-07	1.80E-06	1.85E-06	2.27E-07	2.23E-07	1.2140E-04
607061.31	4201537.14	37411.35571	0.02988	0.03059	0.18621	0.19337	0.06943	0.06806	1.04E-04	1.68E-07	1.74E-07	1.70E-06	1.76E-06	2.27E-07	2.22E-07	1.0850E-04
607067.8	4201707.58	28892.80516	0.01977	0.02006	0.17576	0.1833	0.06592	0.06446	8.05E-05	1.11E-07	1.14E-07	1.60E-06	1.67E-06	2.16E-07	2.10E-07	8.4434E-05
607070.72	4201786.83	25574.69047	0.01579	0.0159	0.16803	0.1748	0.0632	0.06184	7.13E-05	8.88E-08	9.06E-08	1.53E-06	1.59E-06	2.07E-07	2.02E-07	7.4976E-05
607071.8	4201574.57	34741.62348	0.02755	0.02818	0.18881	0.19677	0.06804	0.06666	9.68E-05	1.55E-07	1.61E-07	1.72E-06	1.79E-06	2.23E-07	2.18E-07	1.0108E-04
607073.16	4201742.44	27291.14823	0.01738	0.01754	0.16829	0.17519	0.06444	0.06304	7.61E-05	9.77E-08	9.99E-08	1.54E-06	1.59E-06	2.11E-07	2.06E-07	7.9792E-05
607076.51	4201655.3	30566.42021	0.02366	0.02411	0.19624	0.20527	0.06606	0.06465	8.52E-05	1.33E-07	1.37E-07	1.79E-06	1.86E-06	2.16E-07	2.11E-07	8.9530E-05
607078.53	4201622.45	31616.42277	0.02591	0.02641	0.21295	0.22243	0.0662	0.06481	8.81E-05	1.46E-07	1.50E-07	1.94E-06	2.02E-06	2.16E-07	2.12E-07	9.2791E-05
607078.8	4201540.99	35869.51328	0.03021	0.03094	0.19951	0.20759	0.06767	0.06634	1.00E-04	1.70E-07	1.76E-07	1.82E-06	1.89E-06	2.21E-07	2.17E-07	1.0445E-04
607079.65	4202427.69	9384.75898	0.0096	0.00964	1.11107	1.55236	0.04107	0.04033	2.62E-05	5.40E-08	5.49E-08	1.01E-05	1.41E-05	1.34E-07	1.32E-07	5.0763E-05
607081.85	4201948.62	18996.41524	0.01559	0.01571	0.2593	0.27479	0.0563	0.05509	5.29E-05	8.77E-08	8.95E-08	2.37E-06	2.50E-06	1.84E-07	1.80E-07	5.8339E-05
607081.85	4201998.62	17714.08423	0.01383	0.01392	0.24452	0.26162	0.05488	0.05372	4.94E-05	7.78E-08	7.93E-08	2.23E-06	2.38E-06	1.79E-07	1.75E-07	5.4482E-05
607081.85	4202048.62	16422.90443	0.01268	0.01276	0.23911	0.25636	0.05329	0.05219	4.58E-05	7.13E-08	7.27E-08	2.18E-06	2.33E-06	1.74E-07	1.70E-07	5.0763E-05
607081.85	4202098.62	15253.57965	0.01166	0.01172	0.23538	0.25116	0.0517	0.05064	4.25E-05	6.56E-08	6.68E-08	2.15E-06	2.28E-06	1.69E-07	1.65E-07	4.7402E-05
607081.85	4202148.62	14129.14115	0.01108	0.01115	0.25661	0.27388	0.04999	0.04898	3.94E-05	6.23E-08	6.35E-08	2.34E-06	2.49E-06	1.63E-07	1.60E-07	4.4651E-05
607081.85	4202198.62	13057.00804	0.01088	0.01095	0.31477	0.33806	0.04823	0.04727	3.64E-05	6.12E-08	6.24E-08	2.87E-06	3.07E-06	1.58E-07	1.54E-07	4.2763E-05
607081.85	4202248.62	12039.96531	0.01085	0.01091	0.41559	0.45098	0.04645	0.04554	3.36E-05	6.10E-08	6.22E-08	3.79E-06	4.10E-06	1.52E-07	1.49E-07	4.1862E-05
607081.85	4202298.62	11213.77371	0.01042	0.01048	0.52744	0.58547	0.04489	0.04403	3.12E-05	5.86E-08	5.97E-08	4.81E-06	5.32E-06	1.47E-07	1.44E-07	4.1787E-05
607081.85	4202348.62	10500.77713	0.00983	0.00989	0.66595	0.77575	0.04343	0.04262	2.93E-05	5.53E-08	5.63E-08	6.07E-06	7.05E-06	1.42E-07	1.39E-07	4.2776E-05
607081.85	4202398.62	9799.02292	0.00964	0.00969	0.87182	1.09768	0.04194	0.04118	2.73E-05	5.42E-08	5.52E-08	7.95E-06	9.97E-06	1.37E-07	1.34E-07	4.5611E-05
607081.85	4202448.62	9079.96224	0.00959	0.00963	1.52715	2.43834	0.04025	0.03954	2.53E-05	5.39E-08	5.49E-08	1.39E-05	2.22E-05	1.32E-07	1.29E-07	6.1752E-05
607081.85	4202498.62	8402.20288	0.00911	0.00915	3.63524	2.9109	0.03845	0.03778	2.34E-05	5.12E-08	5.21E-08	3.32E-05	2.64E-05	1.26E-07	1.23E-07	8.3368E-05
607081.85	4202548.62	7856.56948	0.00866	0.0087	2.38887	5.19998	0.03687	0.03625	2.19E-05	4.87E-08	4.96E-08	2.18E-05	4.72E-05	1.21E-07	1.18E-07	9.1258E-05
607081.85	4202598.62	7377.62414	0.00826	0.00829	3.58967	4.08429	0.03537	0.03479	2.06E-05	4.65E-08	4.72E-08	3.27E-05	3.71E-05	1.16E-07	1.14E-07	9.0727E-05
607081.85	4202648.62	6959.1509	0.00794	0.00797	4.11622	4.08095	0.03396	0.03342	1.94E-05	4.47E-08	4.54E-08	3.75E-05	3.71E-05	1.11E-07	1.09E-07	9.4320E-05
607081.85	4202698.62	6576.13663	0.00764	0.00767	1.59569	2.82675	0.03256	0.03206	1.83E-05	4.30E-08	4.37E-08	1.46E-05	2.57E-05	1.06E-07	1.05E-07	5.8857E-05
607081.85	4202748.62	6224.77649	0.00737	0.00739	0.48014	0.67828	0.03116	0.0307	1.73E-05	4.14E-08	4.21E-08	4.38E-06	6.16E-06	1.02E-07	1.00E-07	2.8173E-05
607088.6	4201577.72	33415.76075	0.0281	0.0287	0.20483	0.21384	0.06633	0.06499	9.31E-05	1.58E-07	1.64E-07	1.87E-06	1.94E-06	2.17E-07	2.12E-07	9.7680E-05
607090.34	4202416.33	9503.48178	0.00972	0.00977	1.18421	1.64053	0.04098	0.04025	2.65E-05	5.47E-08	5.57E-08	1.08E-05	1.49E-05	1.34E-07	1.31E-07	5.2563E-05
607092.51	4201790.71	24627.26373	0.01685	0.01698	0.18996	0.19832	0.06117	0.05987	6.86E-05	9.48E-08	9.67E-08	1.73E-06	1.80E-06	2.00E-07	1.95E-07	7.2749E-05
607093.27	4201712.28	27550.1729	0.02009	0.02031	0.19293	0.20184	0.06339	0.06203	7.68E-05	1.13E-07	1.16E-07	1.76E-06	1.83E-06	2.07E-07	2.02E-07	8.1005E-05
607094.61	4201741.77	26415.28978	0.01834	0.0185	0.18677	0.19507	0.0625	0.06116	7.36E-05	1.03E-07	1.05E-07	1.70E-06	1.77E-06	2.04E-07	2.00E-07	7.7699E-05
607098.04	4201544.48	34299.08427	0.03078	0.0315	0.21762	0.22661	0.06578	0.0645	9.56E-05	1.73E-07	1.79E-07	1.98E-06	2.06E-06	2.15E-07	2.11E-07	1.0040E-04
607099.31	4201628.48	30233.05337	0.02621	0.02666	0.2304	0.24153	0.06418	0.06285	8.42E-05	1.47E-07	1.52E-07	2.10E-06	2.19E-06	2.10E-07	2.05E-07	8.9259E-05
607099.98	4201657.98	29212.54919	0.02422	0.02463	0.21696	0.22771	0.06378	0.06244	8.14E-05	1.36E-07	1.40E-07	1.98E-06	2.07E-06	2.09E-07	2.04E-07	8.6142E-05
607103.71	4202402.3	9646.24258	0.00988	0.00994	1.29551	1.78217	0.04085	0.04012	2.69E-05	5.56E-08	5.66E-08	1.18E-05	1.62E-05	1.34E-07	1.31E-07	5.5264E-05
607106.06	4201502.23	35390.93529	0.03484	0.03575	0.23715	0.24695	0.06503	0.06381	9.86E-05	1.96E-07	2.04E-07	2.16E-06	2.24E-06	2.13E-07	2.08E-07	1.0385E-04
607109.45	4201582.54	31810.66046	0.02889	0.02946	0.22887	0.23941	0.06424	0.06295	8.86E-05	1.62E-07	1.68E-07	2.09E-06	2.17E-06	2.10E-07	2.05E-07	9.3654E-05
607109.71	4201481.99	36017.95563	0.03677	0.03778	0.24319	0.25318	0.06471	0.06353	1.00E-04	2.07E-07	2.15E-07	2.22E-06	2.30E-06	2.12E-07	2.07E-07	1.0573E-04
607111.31	4201455.71	37196.34847	0.03953	0.04068	0.24876	0.2588	0.06463	0.06349	1.04E-04	2.22E-07	2.32E-07	2.27E-06	2.35E-06	2.11E-07	2.07E-07	1.0915E-04
607114.05	4201708.25	26772.36276	0.02107	0.02131	0.21369	0.22438	0.06155	0.06026	7.46E-05	1.19E-07	1.21E-07	1.95E-06	2.04E-06	2.01E-07	1.97E-07	7.9231E-05
607114.38	4201550.44	32917.59946	0.03112	0.0318	0.23421	0.24453	0.06421	0.06296	9.17E-05	1.75E-07	1.81E-07	2.14E-06	2.22E-06	2.10E-07	2.06E-07	9.6859E-05
607114.79	4201795.07	23627.08671	0.01821	0.01838	0.22378	0.2349	0.05907	0.05783	6.58E-05	1.02E-07	1.05E-07	2.04E-06	2.13E-06	1.93E-07	1.89E-07	7.0605E-05
607116.06	4201742.44	25503.69411	0.01939	0.01957	0.21023	0.2205	0.06058	0.0593	7.11E-05	1.09E-07	1.12E-07	1.92E-06	2.00E-06	1.98E-07	1.94E-07	7.5603E-05
607116.4	4202391.6	9738.55701	0.01005	0.01011	1.48639	2.09629	0.04062	0.0399	2.71E-05	5.65E-08	5.76E-08	1.36E-05	1.90E-05	1.33E-07	1.30E-07	6.0116E-05
607118.75	4201626.47	29293.01117	0.02697	0.02741	0.24968	0.2625	0.06248	0.06121	8.16E-05	1.52E-07	1.56E-07	2.28E-06	2.38E-06	2.04E-07	2.00E-07	8.7004E-05
607121.43	4201658.65	28088.17579	0.02509	0.02547	0.24264	0.25575	0.0618	0.06053	7.83E-05	1.41E-07	1.45E-07	2.21E-06	2.32E-06	2.02E-07	1.98E-07	8.3494E-05
607125.91	4201581.72	30845.46385	0.02974	0.03032	0.24821	0.26041	0.06275	0.06151	8.60E-05	1.67E-07	1.73E-07	2.26E-06	2.37E-06	2.05E-07	2.01E-07	9.1331E-05
607128.43	4202382.25	9812.0152	0.01022	0.01028	1.73611	2.48733	0.04037	0.03965	2.73E-05	5.75E-08	5.86E-08	1.58E-05	2.26E-05	1.32E-07	1.29E-07	6.6151E-05
607130.44	4202366.21	10019.91152	0.01033	0.01038	1.49925	2.00942	0.04072	0.03999	2.79E-05	5.81E-08	5.91E-08	1.37E-05	1.83E-05	1.33E-07	1.31E-07	6.0232E-05
607131.69	4202533.61	7883.28344	0.00909	0.00913	3.00831	2.43831	0.03563	0.03504	2.20E-05	5.11E-08	5.20E-08	2.74E-05	2.21E-05	1.17E-07	1.14E-07	7.1892E-05
607131.85	4201948.62	18259.43983	0.01603	0.01617	0.30932	0.33101	0.05294	0.05186	5.09E-05	9.02E-08	9.21E-08	2.82E-06	3.01E-06	1.73E-07	1.69E-07	5.7236E-05
607131.85	4201998.62	17010.16307	0.01451	0.01463	0.30165	0.32673	0.0515	0.05046	4.74E-05	8.16E-08	8.34E-08	2.75E-06	2.97E-06	1.68E-07	1.65E-07	5.3619E-05
607131.85	4202048.62	15809.63538	0.01348	0.01359	0.29851	0.32489	0.05006	0.04906	4.41E-05	7.58E-08	7.74E-08	2.72E-06	2.95E-06	1.64E-07	1.60E-07	5.0207E-05
607131.85	4202098.62	14688.68146	0.01262	0.01273	0.3037	0.32881	0.04857	0.04761	4.09E-05	7.10E-08	7.25E-08	2.77E-06	2.99E-06	1.59E-07	1.55E-07	4.7147E-05
607131.85	4202148.62	13634.96194	0.01201	0.01211	0.33719	0.36456	0.04702	0.0461	3.80E-05	6.75E-08	6.90E-08	3.08E-06	3.31E-06	1.54E-07	1.50E-07	4.4824E-05
607131.85	4202198.62	12592.95655	0.01192	0.01199	0.44637	0.48997	0.04532	0.04445	3.51E-05	6.70E-08	6.83E-08	4.07E-06	4.45E-06	1.48E-07	1.45E-07	4.4043E-05
607131.85	4202248.62	11617.81828	0.01183	0.01191	0.5938	0.65391	0.04367	0.04284	3.24E-05	6.65E-08	6.79E-08	5.42E-06	5.94E-06	1.43E-07	1.40E-07	4.4148E-05
607131.85	4202298.62	10937.67049	0.01099	0.01106	0.82549	0.94209	0.04245	0.04166	3.05E-05	6.18E-08	6.30E-08	7.53E-06	8.56E-06	1.39E-07	1.36E-07	4.6967E-05
607131.85	4202348.62	10258.2324	0.01034	0.01039	1.26227	1.60444	0.04114	0.0404	2.86E-05	5.82E-08	5.92E-08	1.15E-05	1.46E-05	1.35E-07	1.32E-07	5.5058E-05
607131.85	4202398.62	9552.84894	0.01026	0.01031	2.65785	4.3951	0.03972	0.03902	2.66E-05	5.77E-08	5.87E-08	2.42E-05	3.99E-05	1.30E-07	1.27E-07	9.1163E-05
607131.85	4202448.62	8838.92539	0.00996	0.01001	4.03909	4.95792	0.03809	0.03743	2.46E-05	5.60E-08	5.70E-08	3.68E-05	4.50E-05	1.25E-07	1.22E-07	1.0687E-04
607131.85	4202498.62	8240.00929	0.00941	0.00946	3.77593	2.82159	0.03658	0.03596	2.30E-05	5.29E-08	5.39E-08	3.44E-05	2.56E-05	1.20E-07	1.17E-07	8.3379E-05
607131.85	4202548.62	7736.41934	0.00895	0.009	2.80972	2.35528	0.03521	0.03464	2.16E-05	5.03E-08	5.13E-08	2.56E-05	2.14E-05	1.15E-07	1.13E-07	6.8913E-05
607131.85	4202598.62	7286.72142	0.00855	0.00859	2.90125	2.36509	0.0339	0.03336	2.03E-05	4.81E-08	4.89E-08	2.65E-05	2.15E-05	1.11E-07	1.09E-07	6.8570E-05
607131.85	4202648.62	6888.80697	0.00821	0.00824	3.99737	2.98263	0.03265	0.03215	1.92E-05	4.62E-08	4.69E-08	3.65E-05	2.71E-05	1.07E-07	1.05E-07	8.3057E-05
607131.85	4202698.62	6521.82288	0.00789	0.00792	5.09593	4.60396	0.0314	0.03093	1.82E-05	4.44E-08	4.51E-08	4.65E-05	4.18E-05	1.03E-07	1.01E-07	1.0677E-04
607131.85	4202748.62	6184.15433	0.0076	0.00762	1.01927	1.4167	0.03014	0.02971	1.72E-05	4.27E-08	4.34E-08	9.30E-06	1.29E-05	9.86E-08	9.70E-08	3.9681E-05
607134.16	4201710.27	25826.68247	0.02187	0.02214	0.23832	0.25128	0.05971	0.05848	7.20E-05	1.23E-07	1.26E-07	2.17E-06	2.28E-06	1.95E-07	1.91E-07	7.7062E-05
607134.55	4201552.91	31479.40997	0.03212	0.0328	0.26128	0.27387	0.06233	0.06113	8.77E-05	1.81E-07	1.87E-07	2.38E-06	2.49E-06	2.04E-07	2.00E-07	9.3364E-05
607135.38	4202554.13	7674.65055	0.00893	0.00897	2.60146	2.20941	0.03495	0.03438	2.14E-05	5.02E-08	5.11E-08	2.37E-05	2.01E-05	1.14E-07	1.12E-07	6.5514E-05
607137.51	4201741.77	24648.84508	0.02062	0.02086	0.24155	0.2546	0.05866	0.05745	6.87E-05	1.16E-07	1.19E-07	2.20E-06	2.31E-06	1.92E-07	1.88E-07	7.3818E-05
607138.86	4201627.81	28228.20447	0.02768	0.02811	0.27348	0.2885	0.06073	0.0595	7.87E-05	1.56E-07	1.60E-07	2.49E-06	2.62E-06	1.99E-07	1.94E-07	8.4486E-05
607139.48	4202572.19	7496.97023	0.00879	0.00883	2.39128	2.04657	0.03434	0.03379	2.09E-05	4.94E-08	5.03E-08	2.18E-05	1.86E-05	1.12E-07	1.10E-07	6.1617E-05
607139.67	4201507.22	32757.21647	0.03592	0.03676	0.27745	0.2902	0.06199	0.06085	9.13E-05	2.02E-07	2.09E-07	2.53E-06	2.64E-06	2.03E-07	1.99E-07	9.7263E-05
607140.46	4201489.08	33479.12209	0.03765	0.0386	0.28166	0.29459	0.06204	0.06091	9.33E-05	2.12E-07	2.20E-07	2.57E-06	2.68E-06	2.03E-07	1.99E-07	9.9373E-05
607140.94	4201796.52	22578.66712	0.02017	0.02041	0.28164	0.29807	0.05673	0.05556	6.29E-05	1.13E-07	1.16E-07	2.57E-06	2.71E-06	1.86E-07	1.81E-07	6.8792E-05
607142.23	4202652.61	6841.64377	0.00824	0.00828	3.16766	2.47528	0.03229	0.0318	1.91E-05	4.63E-08	4.72E-08	2.89E-05	2.25E-05	1.06E-07	1.04E-07	7.0747E-05
607143.61	4201470.95	34064.63453	0.03972	0.04078	0.29049	0.30379	0.06187	0.06077	9.49E-05	2.23E-07	2.32E-07	2.65E-06	2.76E-06	2.02E-07	1.98E-07	1.0119E-04
607145.14	4202352.84	10142.52397	0.01042	0.01047	1.67849	2.25552	0.04046	0.03974	2.83E-05	5.86E-08	5.97E-08	1.53E-05	2.05E-05	1.32E-07	1.30E-07	6.4443E-05
607145.92	4202673.12	6684.84443	0.00813	0.00816	3.41325	2.58245	0.0317	0.03122	1.86E-05	4.57E-08	4.65E-08	3.11E-05	2.35E-05	1.04E-07	1.02E-07	7.3519E-05
607146.05	4202593.12	7302.90809	0.00867	0.00871	2.21697	1.89348	0.03363	0.0331	2.04E-05	4.88E-08	4.96E-08	2.02E-05	1.72E-05	1.10E-07	1.08E-07	5.8089E-05
607146.9	4201656.64	26894.43781	0.02638	0.02679	0.28165	0.2982	0.05959	0.05838	7.49E-05	1.48E-07	1.53E-07	2.57E-06	2.71E-06	1.95E-07	1.91E-07	8.0910E-05
607147.72	4201580.48	29630.62855	0.03083	0.03141	0.27798	0.29256	0.06086	0.05967	8.26E-05	1.73E-07	1.79E-07	2.54E-06	2.66E-06	1.99E-07	1.95E-07	8.8510E-05
607150.03	4202691.18	6550.0924	0.00804	0.00807	3.44885	2.54534	0.03117	0.0307	1.83E-05	4.52E-08	4.60E-08	3.15E-05	2.31E-05	1.02E-07	1.00E-07	7.3126E-05
607150.7	4201452.03	34419.82289	0.04236	0.04357	0.30745	0.3219	0.06137	0.06031	9.59E-05	2.38E-07	2.48E-07	2.80E-06	2.92E-06	2.01E-07	1.97E-07	1.0253E-04
607155.17	4202340.14	10274.62821	0.01057	0.01063	1.70964	2.26315	0.04037	0.03965	2.86E-05	5.94E-08	6.06E-08	1.56E-05	2.06E-05	1.32E-07	1.29E-07	6.5166E-05
607156.28	4201627.14	27412.05981	0.02845	0.0289	0.29735	0.3147	0.0593	0.05812	7.64E-05	1.60E-07	1.65E-07	2.71E-06	2.86E-06	1.94E-07	1.90E-07	8.2667E-05
607156.59	4202712.11	6396.00235	0.00794	0.00797	2.48424	2.05004	0.03051	0.03007	1.78E-05	4.47E-08	4.54E-08	2.27E-05	1.86E-05	9.98E-08	9.81E-08	5.9394E-05
607161.65	4201706.91	24780.80376	0.02364	0.024	0.28308	0.30061	0.05751	0.05634	6.91E-05	1.33E-07	1.37E-07	2.58E-06	2.73E-06	1.88E-07	1.84E-07	7.5010E-05
607164.33	4201744.45	23501.96216	0.0223	0.02264	0.29453	0.3129	0.05639	0.05524	6.55E-05	1.25E-07	1.29E-07	2.69E-06	2.84E-06	1.84E-07	1.80E-07	7.1640E-05
607165.83	4201576.78	28779.61602	0.03203	0.03263	0.30634	0.32345	0.0594	0.05826	8.02E-05	1.80E-07	1.86E-07	2.79E-06	2.94E-06	1.94E-07	1.90E-07	8.6682E-05
607167.09	4201791.19	21812.81911	0.0216	0.02187	0.34837	0.37205	0.05472	0.0536	6.08E-05	1.21E-07	1.25E-07	3.18E-06	3.38E-06	1.79E-07	1.75E-07	6.7942E-05
607167.2	4202333.46	10309.00196	0.01074	0.0108	1.98635	2.67215	0.04003	0.03932	2.87E-05	6.04E-08	6.15E-08	1.81E-05	2.43E-05	1.31E-07	1.28E-07	7.1501E-05
607171.03	4201655.3	25844.57321	0.02753	0.02797	0.32176	0.3428	0.05764	0.05649	7.20E-05	1.55E-07	1.59E-07	2.93E-06	3.11E-06	1.89E-07	1.84E-07	7.8756E-05
607173.88	4202318.09	10486.52737	0.01093	0.01099	1.78405	2.31376	0.04013	0.03942	2.92E-05	6.15E-08	6.26E-08	1.63E-05	2.10E-05	1.31E-07	1.29E-07	6.6898E-05
607177.06	4201627.81	26434.71052	0.02936	0.02985	0.33132	0.35227	0.05764	0.0565	7.37E-05	1.65E-07	1.70E-07	3.02E-06	3.20E-06	1.89E-07	1.84E-07	8.0595E-05
607181.85	4201948.62	17486.61981	0.01668	0.01684	0.38495	0.41602	0.04981	0.04883	4.87E-05	9.38E-08	9.59E-08	3.51E-06	3.78E-06	1.63E-07	1.59E-07	5.6532E-05
607181.85	4201998.62	16307.85197	0.0154	0.01554	0.39793	0.43835	0.04844	0.04749	4.54E-05	8.66E-08	8.85E-08	3.63E-06	3.98E-06	1.58E-07	1.55E-07	5.3545E-05
607181.85	4202048.62	15194.16586	0.0144	0.01452	0.40389	0.45107	0.04706	0.04615	4.23E-05	8.10E-08	8.27E-08	3.68E-06	4.10E-06	1.54E-07	1.51E-07	5.0591E-05
607181.85	4202098.62	14128.90122	0.01367	0.01378	0.42363	0.47221	0.04562	0.04475	3.94E-05	7.69E-08	7.85E-08	3.86E-06	4.29E-06	1.49E-07	1.46E-07	4.7977E-05
607181.85	4202148.62	13072.93327	0.01352	0.01363	0.52255	0.58209	0.04413	0.04329	3.64E-05	7.60E-08	7.77E-08	4.77E-06	5.29E-06	1.44E-07	1.41E-07	4.6923E-05
607181.85	4202198.62	12021.73692	0.01314	0.01324	0.71716	0.83245	0.04243	0.04163	3.35E-05	7.39E-08	7.54E-08	6.54E-06	7.56E-06	1.39E-07	1.36E-07	4.8028E-05
607181.85	4202248.62	11259.76007	0.01252	0.0126	0.90826	1.06719	0.0412	0.04044	3.14E-05	7.04E-08	7.18E-08	8.28E-06	9.69E-06	1.35E-07	1.32E-07	4.9765E-05
607181.85	4202298.62	10688.41571	0.01134	0.01141	1.62073	2.00309	0.04025	0.03953	2.98E-05	6.38E-08	6.50E-08	1.48E-05	1.82E-05	1.32E-07	1.29E-07	6.3154E-05
607181.85	4202348.62	10025.27298	0.01082	0.01088	4.09801	3.36263	0.03904	0.03836	2.79E-05	6.09E-08	6.20E-08	3.74E-05	3.05E-05	1.28E-07	1.25E-07	9.6239E-05
607181.85	4202398.62	9322.68246	0.01082	0.01087	5.80094	4.32921	0.03769	0.03705	2.60E-05	6.09E-08	6.19E-08	5.29E-05	3.93E-05	1.23E-07	1.21E-07	1.1859E-04
607181.85	4202448.62	8638.7052	0.01033	0.01038	2.52134	2.07901	0.03619	0.03558	2.41E-05	5.81E-08	5.91E-08	2.30E-05	1.89E-05	1.18E-07	1.16E-07	6.6309E-05
607181.85	4202498.62	8077.05121	0.00974	0.00979	1.69994	1.47816	0.03485	0.03428	2.25E-05	5.48E-08	5.58E-08	1.55E-05	1.34E-05	1.14E-07	1.12E-07	5.1778E-05
607181.85	4202548.62	7600.28619	0.00926	0.0093	1.43943	1.2917	0.03364	0.0331	2.12E-05	5.21E-08	5.30E-08	1.31E-05	1.17E-05	1.10E-07	1.08E-07	4.6366E-05
607182.57	4202306.06	10594.29454	0.01121	0.01127	1.81577	2.32791	0.04005	0.03934	2.95E-05	6.30E-08	6.42E-08	1.66E-05	2.11E-05	1.31E-07	1.28E-07	6.7619E-05
607183.52	4201578.02	27814.76319	0.03297	0.0336	0.33905	0.35945	0.05796	0.05686	7.75E-05	1.85E-07	1.91E-07	3.09E-06	3.27E-06	1.90E-07	1.86E-07	8.4620E-05
607185.11	4201741.77	22842.51131	0.02342	0.02376	0.33717	0.36068	0.05487	0.05377	6.37E-05	1.32E-07	1.35E-07	3.08E-06	3.28E-06	1.79E-07	1.76E-07	7.0628E-05
607190.12	4201515.89	29430.41261	0.03843	0.03927	0.36646	0.38749	0.05793	0.05688	8.20E-05	2.16E-07	2.24E-07	3.34E-06	3.52E-06	1.89E-07	1.86E-07	8.9690E-05
607190.47	4201708.25	23644.80597	0.02486	0.02525	0.33501	0.3592	0.05527	0.05417	6.59E-05	1.40E-07	1.44E-07	3.06E-06	3.26E-06	1.81E-07	1.77E-07	7.2850E-05
607192.59	4202290.69	10735.03811	0.01167	0.01173	1.7455	2.18331	0.03997	0.03926	2.99E-05	6.56E-08	6.68E-08	1.59E-05	1.98E-05	1.31E-07	1.28E-07	6.6061E-05
607193.82	4201656.64	24888.33851	0.02842	0.02891	0.36204	0.38858	0.05591	0.05481	6.94E-05	1.60E-07	1.65E-07	3.30E-06	3.53E-06	1.83E-07	1.79E-07	7.6874E-05
607194.06	4201499.33	29780.05182	0.04037	0.04129	0.38183	0.40388	0.05775	0.05671	8.30E-05	2.27E-07	2.35E-07	3.48E-06	3.67E-06	1.89E-07	1.85E-07	9.0975E-05
607196.5	4201624.46	25697.27953	0.03051	0.03105	0.36867	0.39398	0.05623	0.05514	7.16E-05	1.72E-07	1.77E-07	3.36E-06	3.58E-06	1.84E-07	1.80E-07	7.9264E-05
607197.52	4201575.13	27186.13582	0.034	0.03467	0.37052	0.39396	0.05688	0.05581	7.58E-05	1.91E-07	1.98E-07	3.38E-06	3.58E-06	1.86E-07	1.82E-07	8.3474E-05
607198	4201459.13	30993.38627	0.04544	0.0466	0.41342	0.43746	0.05767	0.05668	8.64E-05	2.56E-07	2.66E-07	3.77E-06	3.97E-06	1.89E-07	1.85E-07	9.5007E-05
607199.58	4201481.99	30060.80667	0.04272	0.04374	0.40429	0.42797	0.05742	0.05642	8.38E-05	2.40E-07	2.49E-07	3.69E-06	3.89E-06	1.88E-07	1.84E-07	9.2206E-05
607202.62	4202281.33	10796.03914	0.012	0.01208	1.78801	2.26868	0.03976	0.03905	3.01E-05	6.75E-08	6.88E-08	1.63E-05	2.06E-05	1.30E-07	1.27E-07	6.7397E-05
607207.23	4201733.73	22323.70741	0.02472	0.0251	0.38643	0.41668	0.05346	0.05241	6.22E-05	1.39E-07	1.43E-07	3.52E-06	3.79E-06	1.75E-07	1.71E-07	7.0146E-05
607209.24	4201706.24	23016.7465	0.02589	0.0263	0.37972	0.40993	0.05394	0.05288	6.41E-05	1.46E-07	1.50E-07	3.46E-06	3.72E-06	1.76E-07	1.73E-07	7.1972E-05
607209.71	4201784.9	20755.68252	0.02314	0.02345	0.45585	0.49394	0.05189	0.05086	5.78E-05	1.30E-07	1.34E-07	4.16E-06	4.49E-06	1.70E-07	1.66E-07	6.7083E-05
607214.65	4202269.97	10857.9523	0.01243	0.01251	1.82958	2.40451	0.03947	0.03877	3.03E-05	6.99E-08	7.13E-08	1.67E-05	2.18E-05	1.29E-07	1.27E-07	6.9185E-05
607218.63	4201662	23828.33994	0.02902	0.02954	0.41104	0.44529	0.05409	0.05305	6.64E-05	1.63E-07	1.68E-07	3.75E-06	4.05E-06	1.77E-07	1.73E-07	7.4877E-05
607218.92	4201572.25	26202.51569	0.03547	0.03621	0.42638	0.4558	0.05526	0.05423	7.30E-05	1.99E-07	2.06E-07	3.89E-06	4.14E-06	1.81E-07	1.77E-07	8.1811E-05
607221.31	4201641.89	24233.728	0.0306	0.03117	0.42506	0.46025	0.0542	0.05317	6.75E-05	1.72E-07	1.78E-07	3.88E-06	4.18E-06	1.77E-07	1.74E-07	7.6290E-05
607223.32	4201616.42	24830.15573	0.03246	0.0331	0.4336	0.46738	0.05444	0.05341	6.92E-05	1.83E-07	1.89E-07	3.96E-06	4.25E-06	1.78E-07	1.74E-07	7.8117E-05
607226.68	4202254.6	10953.32447	0.01295	0.01304	1.88151	2.66982	0.03922	0.03853	3.05E-05	7.28E-08	7.43E-08	1.72E-05	2.43E-05	1.28E-07	1.26E-07	7.2339E-05
607228.68	4202226.53	11282.46766	0.0134	0.0135	1.49592	2.0475	0.03965	0.03893	3.14E-05	7.54E-08	7.69E-08	1.36E-05	1.86E-05	1.30E-07	1.27E-07	6.4094E-05
607231.85	4201948.62	16608.06799	0.01829	0.01847	0.58965	0.65142	0.04681	0.04592	4.63E-05	1.03E-07	1.05E-07	5.38E-06	5.92E-06	1.53E-07	1.50E-07	5.8088E-05
607231.85	4201998.62	15593.25872	0.01682	0.01697	0.603	0.68416	0.04562	0.04476	4.35E-05	9.46E-08	9.67E-08	5.50E-06	6.21E-06	1.49E-07	1.46E-07	5.5655E-05
607231.85	4202048.62	14583.87358	0.01558	0.0157	0.62614	0.73694	0.04436	0.04353	4.06E-05	8.76E-08	8.95E-08	5.71E-06	6.69E-06	1.45E-07	1.42E-07	5.3510E-05
607231.85	4202098.62	13576.2413	0.0151	0.01522	0.69603	0.8364	0.04303	0.04223	3.78E-05	8.49E-08	8.67E-08	6.35E-06	7.60E-06	1.41E-07	1.38E-07	5.2229E-05
607231.85	4202148.62	12486.25351	0.01459	0.0147	1.07787	1.36138	0.04137	0.04061	3.48E-05	8.21E-08	8.38E-08	9.83E-06	1.24E-05	1.35E-07	1.33E-07	5.7427E-05
607231.85	4202198.62	11638.31806	0.01377	0.01387	1.32156	1.74879	0.04006	0.03934	3.24E-05	7.74E-08	7.90E-08	1.21E-05	1.59E-05	1.31E-07	1.28E-07	6.0788E-05
607231.85	4202248.62	10987.50988	0.01314	0.01323	1.96475	2.87466	0.0391	0.03841	3.06E-05	7.39E-08	7.54E-08	1.79E-05	2.61E-05	1.28E-07	1.25E-07	7.5056E-05
607231.85	4202298.62	10424.65393	0.01192	0.01199	5.3826	4.14534	0.03819	0.03753	2.90E-05	6.70E-08	6.83E-08	4.91E-05	3.77E-05	1.25E-07	1.22E-07	1.1619E-04
607231.85	4202348.62	9773.33682	0.01154	0.01161	4.85225	3.94152	0.03708	0.03645	2.72E-05	6.49E-08	6.61E-08	4.43E-05	3.58E-05	1.21E-07	1.19E-07	1.0767E-04
607231.85	4202398.62	9065.26605	0.01135	0.01142	2.20548	1.92008	0.03574	0.03514	2.53E-05	6.38E-08	6.51E-08	2.01E-05	1.74E-05	1.17E-07	1.15E-07	6.3181E-05
607231.85	4202448.62	8432.98617	0.01069	0.01075	1.41347	1.26782	0.0344	0.03384	2.35E-05	6.01E-08	6.12E-08	1.29E-05	1.15E-05	1.12E-07	1.10E-07	4.8254E-05
607231.85	4202498.62	7918.28744	0.01011	0.01016	1.09836	1.0049	0.03326	0.03273	2.21E-05	5.69E-08	5.79E-08	1.00E-05	9.13E-06	1.09E-07	1.07E-07	4.1543E-05
607231.85	4202548.62	7458.66627	0.00959	0.00963	0.95433	0.88519	0.03216	0.03166	2.08E-05	5.39E-08	5.49E-08	8.70E-06	8.04E-06	1.05E-07	1.03E-07	3.7848E-05
607232.69	4201479.62	28329.16083	0.04614	0.04736	0.52489	0.56197	0.05507	0.05412	7.89E-05	2.59E-07	2.70E-07	4.79E-06	5.10E-06	1.80E-07	1.77E-07	8.9722E-05
607235.06	4201458.34	28906.87772	0.04947	0.05086	0.56098	0.6018	0.05504	0.05411	8.06E-05	2.78E-07	2.90E-07	5.12E-06	5.47E-06	1.80E-07	1.77E-07	9.2062E-05
607237.02	4201569.37	25478.19159	0.03692	0.03773	0.48594	0.5226	0.05401	0.05301	7.10E-05	2.08E-07	2.15E-07	4.43E-06	4.75E-06	1.77E-07	1.73E-07	8.0951E-05
607242.15	4201499.33	27263.68999	0.0446	0.04576	0.55208	0.59422	0.05431	0.05336	7.60E-05	2.51E-07	2.61E-07	5.04E-06	5.40E-06	1.78E-07	1.74E-07	8.7272E-05
607245.3	4201518.25	26564.47473	0.04267	0.04374	0.5503	0.59375	0.05396	0.053	7.40E-05	2.40E-07	2.49E-07	5.02E-06	5.39E-06	1.76E-07	1.73E-07	8.5278E-05
607256.2	4201735.98	20706.26824	0.02701	0.02744	0.57375	0.6388	0.0501	0.04915	5.77E-05	1.52E-07	1.56E-07	5.23E-06	5.80E-06	1.64E-07	1.60E-07	6.9370E-05
607259.99	4202104.79	13108.01836	0.01586	0.016	1.29013	1.85171	0.04139	0.04063	3.65E-05	8.92E-08	9.12E-08	1.18E-05	1.68E-05	1.35E-07	1.33E-07	6.5565E-05
607260.56	4201780.54	19510.63466	0.02519	0.02555	0.68059	0.76269	0.04879	0.04786	5.44E-05	1.42E-07	1.46E-07	6.21E-06	6.93E-06	1.60E-07	1.56E-07	6.8109E-05
607262.5	4201714.67	21023.55324	0.0283	0.02877	0.58438	0.65371	0.05016	0.04921	5.86E-05	1.59E-07	1.64E-07	5.33E-06	5.94E-06	1.64E-07	1.61E-07	7.0502E-05
607263.77	4201568.55	24381.5348	0.03901	0.0399	0.60721	0.66179	0.05222	0.05127	6.79E-05	2.19E-07	2.27E-07	5.54E-06	6.01E-06	1.71E-07	1.67E-07	8.0278E-05
607263.97	4202045.13	14229.46467	0.01684	0.017	1.03546	1.32748	0.04279	0.04201	3.97E-05	9.47E-08	9.69E-08	9.44E-06	1.21E-05	1.40E-07	1.37E-07	6.1625E-05
607265.41	4201691.43	21477.16229	0.0297	0.03021	0.58493	0.65491	0.05043	0.04949	5.98E-05	1.67E-07	1.72E-07	5.34E-06	5.95E-06	1.65E-07	1.62E-07	7.1800E-05
607268.31	4201663.82	22029.85111	0.03153	0.0321	0.58974	0.65946	0.05075	0.0498	6.14E-05	1.77E-07	1.83E-07	5.38E-06	5.99E-06	1.66E-07	1.63E-07	7.3448E-05
607270.25	4201614.91	23088.01355	0.03545	0.0362	0.61464	0.67987	0.05135	0.0504	6.43E-05	1.99E-07	2.06E-07	5.61E-06	6.18E-06	1.68E-07	1.65E-07	7.6859E-05
607271.35	4202059.5	13834.82953	0.0169	0.01705	1.4225	2.07831	0.04201	0.04125	3.86E-05	9.50E-08	9.71E-08	1.30E-05	1.89E-05	1.37E-07	1.35E-07	7.0872E-05
607272.19	4201641.54	22409.98211	0.03337	0.03402	0.61197	0.68354	0.05086	0.04992	6.24E-05	1.88E-07	1.94E-07	5.58E-06	6.21E-06	1.66E-07	1.63E-07	7.4951E-05
607276.28	4201925.31	16225.13045	0.02051	0.02075	1.12154	1.31819	0.04475	0.04392	4.52E-05	1.15E-07	1.18E-07	1.02E-05	1.20E-05	1.46E-07	1.43E-07	6.7942E-05
607278.74	4202023.38	14363.00576	0.01796	0.01813	1.69424	2.3416	0.04243	0.04166	4.00E-05	1.01E-07	1.03E-07	1.55E-05	2.13E-05	1.39E-07	1.36E-07	7.7229E-05

607279.97	4201945.82	15769.17239	0.02001	0.02023	1.29663	1.559	0.0441	0.04328	4.39E-05	1.13E-07	1.15E-07	1.18E-05	1.42E-05	1.44E-07	1.41E-07	7.0446E-05
607281.85	4201948.62	15684.1586	0.01998	0.0202	1.36499	1.65195	0.04393	0.04312	4.37E-05	1.12E-07	1.15E-07	1.25E-05	1.50E-05	1.44E-07	1.41E-07	7.1675E-05
607281.85	4201998.62	14769.0128	0.01864	0.01883	1.66287	2.1976	0.04284	0.04205	4.12E-05	1.05E-07	1.07E-07	1.52E-05	2.00E-05	1.40E-07	1.37E-07	7.6776E-05
607281.85	4202048.62	13872.26158	0.01744	0.01761	2.01789	3.08741	0.0417	0.04094	3.87E-05	9.81E-08	1.00E-07	1.84E-05	2.80E-05	1.36E-07	1.34E-07	8.5578E-05
607281.85	4202098.62	12984.05983	0.01638	0.01653	2.46429	4.43812	0.0405	0.03977	3.62E-05	9.21E-08	9.42E-08	2.25E-05	4.03E-05	1.32E-07	1.30E-07	9.9425E-05
607281.85	4202148.62	12040.60576	0.01524	0.01537	3.66517	3.40058	0.03906	0.03837	3.36E-05	8.57E-08	8.76E-08	3.34E-05	3.09E-05	1.28E-07	1.25E-07	9.8302E-05
607281.85	4202198.62	11279.13426	0.01439	0.01451	3.6039	3.94881	0.03793	0.03726	3.14E-05	8.09E-08	8.27E-08	3.29E-05	3.59E-05	1.24E-07	1.22E-07	1.0058E-04
607281.85	4202248.62	10692.64891	0.01377	0.01388	4.13977	5.35722	0.03711	0.03647	2.98E-05	7.74E-08	7.91E-08	3.78E-05	4.87E-05	1.21E-07	1.19E-07	1.1662E-04
607281.85	4202298.62	10083.81023	0.01296	0.01305	3.8067	2.87725	0.03616	0.03555	2.81E-05	7.29E-08	7.44E-08	3.47E-05	2.61E-05	1.18E-07	1.16E-07	8.9341E-05
607281.85	4202348.62	9424.65684	0.01241	0.0125	1.97795	1.75191	0.03503	0.03445	2.63E-05	6.98E-08	7.12E-08	1.80E-05	1.59E-05	1.15E-07	1.12E-07	6.0587E-05
607281.85	4202398.62	8798.1033	0.01174	0.01181	1.30307	1.19623	0.03387	0.03332	2.45E-05	6.60E-08	6.73E-08	1.19E-05	1.09E-05	1.11E-07	1.09E-07	4.7623E-05
607281.85	4202448.62	8246.88783	0.01107	0.01114	0.9802	0.91111	0.03279	0.03227	2.30E-05	6.23E-08	6.35E-08	8.94E-06	8.28E-06	1.07E-07	1.05E-07	4.0537E-05
607281.85	4202498.62	7759.25607	0.01047	0.01053	0.80663	0.75701	0.03177	0.03128	2.16E-05	5.89E-08	6.00E-08	7.36E-06	6.88E-06	1.04E-07	1.02E-07	3.6182E-05
607281.85	4202548.62	7322.48244	0.00993	0.00999	0.70881	0.67003	0.0308	0.03034	2.04E-05	5.58E-08	5.69E-08	6.47E-06	6.09E-06	1.01E-07	9.90E-08	3.3270E-05
607282.36	4201779.57	18967.42792	0.0261	0.02649	0.86523	0.99609	0.04751	0.04662	5.29E-05	1.47E-07	1.51E-07	7.89E-06	9.05E-06	1.55E-07	1.52E-07	7.0402E-05
607283.25	4202005.74	14619.81701	0.01849	0.01868	1.78258	2.4147	0.0426	0.04183	4.07E-05	1.04E-07	1.06E-07	1.63E-05	2.19E-05	1.39E-07	1.37E-07	7.9422E-05
607284.07	4201963.88	15365.58327	0.0196	0.01982	1.52426	1.89251	0.04348	0.04268	4.28E-05	1.10E-07	1.13E-07	1.39E-05	1.72E-05	1.42E-07	1.39E-07	7.4418E-05
607285.17	4201568.14	23550.848	0.04083	0.04181	0.75193	0.83269	0.05085	0.04994	6.56E-05	2.30E-07	2.38E-07	6.86E-06	7.56E-06	1.66E-07	1.63E-07	8.0848E-05
607287.2	4201728.23	19972.75862	0.02891	0.0294	0.77655	0.89687	0.04835	0.04745	5.57E-05	1.63E-07	1.68E-07	7.08E-06	8.15E-06	1.58E-07	1.55E-07	7.1531E-05
607288.66	4201454.4	26446.40864	0.05712	0.05906	1.10477	1.24173	0.0517	0.05085	7.37E-05	3.21E-07	3.36E-07	1.01E-05	1.13E-05	1.69E-07	1.66E-07	9.6047E-05
607289.45	4201490.66	25436.61289	0.0512	0.05275	0.98694	1.10067	0.05143	0.05056	7.09E-05	2.88E-07	3.01E-07	9.00E-06	1.00E-05	1.68E-07	1.65E-07	9.0806E-05
607289.45	4201511.95	24801.9952	0.04799	0.04934	0.90007	1.00286	0.05117	0.05028	6.91E-05	2.70E-07	2.81E-07	8.21E-06	9.11E-06	1.67E-07	1.64E-07	8.7317E-05
607290.64	4201984.81	14887.92031	0.01919	0.0194	1.98465	2.63252	0.04269	0.04191	4.15E-05	1.08E-07	1.11E-07	1.81E-05	2.39E-05	1.40E-07	1.37E-07	8.3999E-05
607294.18	4201470.16	25781.3042	0.05506	0.05686	1.14499	1.28723	0.05128	0.05043	7.18E-05	3.10E-07	3.24E-07	1.04E-05	1.17E-05	1.68E-07	1.65E-07	9.4947E-05
607294.46	4201707.41	20210.31864	0.03046	0.03102	0.81572	0.95251	0.04832	0.04743	5.63E-05	1.71E-07	1.77E-07	7.44E-06	8.65E-06	1.58E-07	1.55E-07	7.3073E-05
607299.31	4201658.98	21114.97823	0.03384	0.03453	0.80858	0.93937	0.0489	0.04801	5.88E-05	1.90E-07	1.97E-07	7.38E-06	8.53E-06	1.60E-07	1.57E-07	7.5453E-05
607299.31	4201681.26	20629.09121	0.03233	0.03296	0.83042	0.97248	0.04851	0.04762	5.75E-05	1.82E-07	1.88E-07	7.57E-06	8.83E-06	1.59E-07	1.55E-07	7.4579E-05
607303.67	4201638.15	21426.9355	0.03572	0.03648	0.84181	0.97494	0.04897	0.04808	5.97E-05	2.01E-07	2.08E-07	7.68E-06	8.86E-06	1.60E-07	1.57E-07	7.6970E-05
607305.12	4201612.97	21895.56389	0.03815	0.03904	0.88878	1.01669	0.0492	0.04831	6.10E-05	2.15E-07	2.22E-07	8.11E-06	9.24E-06	1.61E-07	1.58E-07	7.9114E-05
607305.12	4201782.47	18312.24593	0.0268	0.02723	1.25305	1.52765	0.0461	0.04525	5.10E-05	1.51E-07	1.55E-07	1.14E-05	1.39E-05	1.51E-07	1.48E-07	7.6941E-05
607307.4	4201564.43	22822.65904	0.04326	0.04437	0.99696	1.13519	0.04955	0.04868	6.36E-05	2.43E-07	2.53E-07	9.09E-06	1.03E-05	1.62E-07	1.59E-07	8.3822E-05
607307.87	4201899.45	16090.37267	0.0221	0.02238	2.16604	2.86429	0.04356	0.04276	4.48E-05	1.24E-07	1.28E-07	1.98E-05	2.60E-05	1.42E-07	1.40E-07	9.1149E-05
607316.49	4201853.9	16729.6814	0.024	0.02434	2.14675	2.95534	0.04403	0.04323	4.66E-05	1.35E-07	1.39E-07	1.96E-05	2.68E-05	1.44E-07	1.41E-07	9.3606E-05
607321.3	4202259.3	10324.31225	0.01406	0.01418	2.77616	2.19171	0.03543	0.03484	2.88E-05	7.91E-08	8.08E-08	2.53E-05	1.99E-05	1.16E-07	1.14E-07	7.4392E-05
607330.96	4202209.32	10856.74117	0.01491	0.01506	3.12303	2.47217	0.03594	0.03533	3.03E-05	8.39E-08	8.58E-08	2.85E-05	2.25E-05	1.18E-07	1.15E-07	8.1600E-05
607331.85	4201948.62	14852.95966	0.02105	0.02133	2.7548	5.68077	0.04137	0.04064	4.14E-05	1.18E-07	1.22E-07	2.51E-05	5.16E-05	1.35E-07	1.33E-07	1.1863E-04
607331.85	4201998.62	14093.80766	0.01967	0.01992	4.06181	6.61806	0.04046	0.03974	3.93E-05	1.11E-07	1.13E-07	3.70E-05	6.01E-05	1.32E-07	1.30E-07	1.3693E-04
607331.85	4202048.62	13279.31691	0.01834	0.01856	6.36332	4.51351	0.03939	0.0387	3.70E-05	1.03E-07	1.06E-07	5.80E-05	4.10E-05	1.29E-07	1.26E-07	1.3651E-04
607331.85	4202098.62	12474.65134	0.01713	0.01732	4.97868	3.48759	0.03828	0.03762	3.48E-05	9.63E-08	9.87E-08	4.54E-05	3.17E-05	1.25E-07	1.23E-07	1.1230E-04
607331.85	4202148.62	11629.00137	0.01585	0.01601	3.83607	2.80971	0.037	0.03636	3.24E-05	8.91E-08	9.12E-08	3.50E-05	2.55E-05	1.21E-07	1.19E-07	9.3340E-05
607331.85	4202198.62	10948.34586	0.01499	0.01514	3.27871	2.52069	0.03601	0.0354	3.05E-05	8.43E-08	8.63E-08	2.99E-05	2.29E-05	1.18E-07	1.16E-07	8.3718E-05
607331.85	4202248.62	10410.91674	0.01433	0.01447	2.48943	2.01355	0.03529	0.0347	2.90E-05	8.06E-08	8.24E-08	2.27E-05	1.83E-05	1.15E-07	1.13E-07	7.0402E-05
607331.85	4202298.62	9798.60207	0.01355	0.01368	1.80366	1.53996	0.03434	0.03378	2.73E-05	7.62E-08	7.79E-08	1.65E-05	1.40E-05	1.12E-07	1.10E-07	5.8123E-05
607331.85	4202348.62	9209.98371	0.01286	0.01297	1.29052	1.16626	0.03338	0.03284	2.57E-05	7.23E-08	7.39E-08	1.18E-05	1.06E-05	1.09E-07	1.07E-07	4.8393E-05
607331.85	4202398.62	8640.15676	0.0122	0.0123	0.96449	0.89807	0.03239	0.03188	2.41E-05	6.86E-08	7.01E-08	8.80E-06	8.16E-06	1.06E-07	1.04E-07	4.1381E-05
607331.85	4202448.62	8086.94231	0.01146	0.01155	0.75513	0.71284	0.03134	0.03086	2.25E-05	6.45E-08	6.58E-08	6.89E-06	6.48E-06	1.02E-07	1.01E-07	3.6232E-05
607331.85	4202498.62	7608.50463	0.01081	0.01089	0.63365	0.60275	0.03039	0.02994	2.12E-05	6.08E-08	6.20E-08	5.78E-06	5.48E-06	9.94E-08	9.77E-08	3.2777E-05
607331.85	4202548.62	7187.48886	0.01025	0.01032	0.55605	0.53207	0.02952	0.02908	2.00E-05	5.76E-08	5.88E-08	5.07E-06	4.83E-06	9.65E-08	9.49E-08	3.0242E-05
607332.24	4201768.91	17903.42784	0.02855	0.02905	2.10387	2.91203	0.04487	0.04406	4.99E-05	1.61E-07	1.66E-07	1.92E-05	2.65E-05	1.47E-07	1.44E-07	9.6151E-05
607333.23	4202147.98	11628.44186	0.01588	0.01605	3.71945	2.74596	0.03696	0.03632	3.24E-05	8.93E-08	9.14E-08	3.39E-05	2.49E-05	1.21E-07	1.19E-07	9.1696E-05
607333.8	4202176.38	11188.5109	0.01525	0.0154	3.2453	2.45047	0.03626	0.03564	3.12E-05	8.58E-08	8.77E-08	2.96E-05	2.23E-05	1.19E-07	1.16E-07	8.3449E-05
607338.67	4201559.91	21805.58036	0.04668	0.04805	1.68645	2.05897	0.04775	0.04693	6.08E-05	2.63E-07	2.74E-07	1.54E-05	1.87E-05	1.56E-07	1.53E-07	9.5697E-05
607339.02	4201743.25	18230.74613	0.0304	0.03099	2.12054	2.99882	0.04503	0.04422	5.08E-05	1.71E-07	1.77E-07	1.93E-05	2.72E-05	1.47E-07	1.44E-07	9.8026E-05
607340.96	4201720	18632.44615	0.03202	0.03267	1.95592	2.7325	0.04538	0.04457	5.19E-05	1.80E-07	1.86E-07	1.78E-05	2.48E-05	1.48E-07	1.45E-07	9.5245E-05
607346.28	4201693.85	19002.95897	0.03414	0.03489	1.95987	2.75648	0.04559	0.04478	5.30E-05	1.92E-07	1.99E-07	1.79E-05	2.50E-05	1.49E-07	1.46E-07	9.6558E-05
607346.86	4202072.72	12740.49797	0.01797	0.01819	3.82402	2.90156	0.03825	0.03758	3.55E-05	1.01E-07	1.04E-07	3.49E-05	2.64E-05	1.25E-07	1.23E-07	9.7194E-05
607348.03	4202037.94	13273.24618	0.01888	0.01912	4.35121	3.34203	0.03894	0.03826	3.70E-05	1.06E-07	1.09E-07	3.97E-05	3.04E-05	1.27E-07	1.25E-07	1.0750E-04
607350.64	4201670.12	19347.31897	0.03619	0.03705	1.95492	2.78523	0.04577	0.04496	5.39E-05	2.04E-07	2.11E-07	1.78E-05	2.53E-05	1.50E-07	1.47E-07	9.7758E-05
607352.58	4201646.39	19746.40219	0.03832	0.03929	1.92059	2.65733	0.04603	0.04522	5.50E-05	2.16E-07	2.24E-07	1.75E-05	2.41E-05	1.51E-07	1.48E-07	9.7422E-05
607355.48	4201589.24	20690.12335	0.04456	0.04585	2.30792	2.98575	0.04653	0.04572	5.77E-05	2.51E-07	2.61E-07	2.11E-05	2.71E-05	1.52E-07	1.49E-07	1.0664E-04
607355.97	4201619.75	20136.00862	0.04119	0.04231	2.11486	2.80668	0.04619	0.04539	5.61E-05	2.32E-07	2.41E-07	1.93E-05	2.55E-05	1.51E-07	1.48E-07	1.0167E-04
607366.33	4200769.13	25327.42244	1.74856	1.43729	0.03979	0.03766	0.03089	0.03103	7.06E-05	9.83E-06	8.19E-06	3.63E-07	3.42E-07	1.01E-07	1.01E-07	8.9509E-05
607369.05	4201993.63	13733.88729	0.02051	0.02081	3.27579	2.76598	0.03902	0.03834	3.83E-05	1.15E-07	1.19E-07	2.99E-05	2.51E-05	1.28E-07	1.25E-07	9.3764E-05
607370.6	4200744.38	24448.38289	1.48929	1.24955	0.036	0.03422	0.02977	0.02993	6.81E-05	8.38E-06	7.12E-06	3.28E-07	3.11E-07	9.74E-08	9.77E-08	8.4459E-05
607378.7	4201943.65	14281.62295	0.02226	0.02261	3.30802	2.80509	0.03945	0.03877	3.98E-05	1.25E-07	1.29E-07	3.02E-05	2.55E-05	1.29E-07	1.27E-07	9.5963E-05
607380.97	4201882.31	15098.20854	0.02457	0.02499	4.1753	3.29048	0.0404	0.0397	4.21E-05	1.38E-07	1.42E-07	3.81E-05	2.99E-05	1.32E-07	1.30E-07	1.1059E-04
607381.54	4201910.71	14695.03929	0.02348	0.02387	3.56835	2.96232	0.0399	0.03921	4.10E-05	1.32E-07	1.36E-07	3.25E-05	2.69E-05	1.30E-07	1.28E-07	1.0093E-04
607381.85	4201948.62	14178.03622	0.02217	0.02252	3.06799	2.63148	0.03925	0.03858	3.95E-05	1.25E-07	1.28E-07	2.80E-05	2.39E-05	1.28E-07	1.26E-07	9.1905E-05
607381.85	4201998.62	13535.04356	0.02057	0.02087	2.52747	2.20146	0.03845	0.0378	3.77E-05	1.16E-07	1.19E-07	2.31E-05	2.00E-05	1.26E-07	1.23E-07	8.1253E-05
607381.85	4202048.62	12797.15193	0.01913	0.0194	2.22774	1.90158	0.03745	0.03682	3.57E-05	1.08E-07	1.11E-07	2.03E-05	1.73E-05	1.22E-07	1.20E-07	7.3716E-05
607381.85	4202098.62	11995.30575	0.01772	0.01795	1.93036	1.65636	0.03628	0.03567	3.34E-05	9.97E-08	1.02E-07	1.76E-05	1.50E-05	1.19E-07	1.16E-07	6.6518E-05
607381.85	4202148.62	11244.76983	0.0164	0.01659	1.68625	1.45184	0.03514	0.03455	3.13E-05	9.22E-08	9.45E-08	1.54E-05	1.32E-05	1.15E-07	1.13E-07	6.0319E-05
607381.85	4202348.62	9025.45361	0.01321	0.01334	0.91408	0.84017	0.0319	0.03141	2.52E-05	7.43E-08	7.60E-08	8.34E-06	7.63E-06	1.04E-07	1.03E-07	4.1478E-05
607381.85	4202398.62	8456.31914	0.01253	0.01265	0.73858	0.69343	0.03094	0.03046	2.36E-05	7.05E-08	7.21E-08	6.74E-06	6.30E-06	1.01E-07	9.94E-08	3.6944E-05
607381.85	4202448.62	7923.33015	0.01177	0.01187	0.60384	0.57435	0.02996	0.02952	2.21E-05	6.62E-08	6.76E-08	5.51E-06	5.22E-06	9.80E-08	9.64E-08	3.3133E-05
607381.85	4202498.62	7460.97644	0.01109	0.01118	0.51462	0.49327	0.02909	0.02867	2.08E-05	6.24E-08	6.37E-08	4.69E-06	4.48E-06	9.51E-08	9.36E-08	3.0281E-05
607381.85	4202548.62	7055.84585	0.01052	0.0106	0.45108	0.43505	0.02831	0.0279	1.97E-05	5.92E-08	6.04E-08	4.11E-06	3.95E-06	9.26E-08	9.11E-08	2.8032E-05
607400.85	4201861.3	15061.70522	0.02599	0.02647	2.93845	2.46245	0.0399	0.03922	4.20E-05	1.46E-07	1.51E-07	2.68E-05	2.24E-05	1.30E-07	1.28E-07	9.1699E-05
607402.25	4201797.62	15910.51225	0.02929	0.0299	3.58586	2.88625	0.04088	0.04018	4.43E-05	1.65E-07	1.70E-07	3.27E-05	2.62E-05	1.34E-07	1.31E-07	1.0386E-04
607402.82	4201762.98	16415.66844	0.03151	0.03221	4.22638	3.23134	0.04145	0.04073	4.57E-05	1.77E-07	1.84E-07	3.86E-05	2.94E-05	1.36E-07	1.33E-07	1.1428E-04
607405.41	4201505.03	20799.3927	0.06304	0.0657	4.17406	3.49824	0.0448	0.04408	5.80E-05	3.55E-07	3.74E-07	3.81E-05	3.18E-05	1.47E-07	1.44E-07	1.2883E-04
607410.62	4201477.67	21151.24711	0.07015	0.07343	3.07512	2.726	0.04474	0.04403	5.89E-05	3.95E-07	4.18E-07	2.80E-05	2.48E-05	1.46E-07	1.44E-07	1.1286E-04
607415.83	4201531.52	19986.65535	0.05885	0.06118	3.87238	3.19242	0.04405	0.04333	5.57E-05	3.31E-07	3.49E-07	3.53E-05	2.90E-05	1.44E-07	1.41E-07	1.2098E-04
607417.02	4201708.46	16944.1121	0.03628	0.03719	3.77283	2.94457	0.04168	0.04097	4.72E-05	2.04E-07	2.12E-07	3.44E-05	2.67E-05	1.36E-07	1.34E-07	1.0907E-04
607423.16	4200737.35	22861.06264	2.92747	2.23907	0.0341	0.03244	0.02905	0.02918	6.37E-05	1.65E-05	1.28E-05	3.11E-07	2.95E-07	9.50E-08	9.52E-08	9.3724E-05
607424.97	4201746.51	16204.8697	0.03356	0.03435	2.8234	2.32863	0.04072	0.04003	4.52E-05	1.89E-07	1.96E-07	2.58E-05	2.12E-05	1.33E-07	1.31E-07	9.2712E-05
607425.67	4201675.37	17257.04663	0.03977	0.04086	3.50822	2.78568	0.04177	0.04107	4.81E-05	2.24E-07	2.33E-07	3.20E-05	2.53E-05	1.37E-07	1.34E-07	1.0612E-04
607426.11	4201803.3	15382.02314	0.02974	0.03037	2.29462	1.97714	0.03974	0.03907	4.29E-05	1.67E-07	1.73E-07	2.09E-05	1.80E-05	1.30E-07	1.28E-07	8.2353E-05
607427.56	4201582.75	18738.45549	0.05127	0.05305	3.76845	3.08289	0.04292	0.04221	5.22E-05	2.88E-07	3.02E-07	3.44E-05	2.80E-05	1.40E-07	1.38E-07	1.1547E-04
607430.39	4201618.1	18038.08578	0.04652	0.048	3.54545	2.90402	0.0423	0.0416	5.03E-05	2.62E-07	2.73E-07	3.23E-05	2.64E-05	1.38E-07	1.36E-07	1.0979E-04
607431.85	4202348.62	8765.04542	0.01353	0.01368	0.68298	0.63872	0.03034	0.02988	2.44E-05	7.61E-08	7.79E-08	6.23E-06	5.80E-06	9.92E-08	9.75E-08	3.6808E-05
607431.85	4202398.62	8217.99854	0.01269	0.01282	0.57163	0.54161	0.02941	0.02897	2.29E-05	7.14E-08	7.30E-08	5.21E-06	4.92E-06	9.62E-08	9.46E-08	3.3370E-05
607431.85	4202448.62	7752.31663	0.012	0.01211	0.49071	0.46926	0.02863	0.02821	2.16E-05	6.75E-08	6.90E-08	4.48E-06	4.26E-06	9.36E-08	9.21E-08	3.0664E-05
607431.85	4202498.62	7318.64186	0.01134	0.01144	0.42627	0.41061	0.02787	0.02747	2.04E-05	6.38E-08	6.52E-08	3.89E-06	3.73E-06	9.11E-08	8.97E-08	2.8322E-05
607431.85	4202548.62	6927.96433	0.01076	0.01085	0.37419	0.36274	0.02716	0.02678	1.93E-05	6.05E-08	6.18E-08	3.41E-06	3.30E-06	8.88E-08	8.74E-08	2.6313E-05
607437.11	4201475.93	20340.00194	0.0744	0.07807	1.95903	1.79581	0.04345	0.04277	5.67E-05	4.18E-07	4.45E-07	1.79E-05	1.63E-05	1.42E-07	1.40E-07	9.2008E-05
607438.52	4201654.18	17264.80754	0.04269	0.04395	2.82622	2.3533	0.04144	0.04075	4.81E-05	2.40E-07	2.50E-07	2.58E-05	2.14E-05	1.36E-07	1.33E-07	9.6027E-05
607441.02	4201532.39	19243.9763	0.06136	0.06389	2.32098	2.06671	0.04281	0.04212	5.36E-05	3.45E-07	3.64E-07	2.12E-05	1.88E-05	1.40E-07	1.37E-07	9.4558E-05
607441.46	4201563.66	18704.32529	0.05553	0.05762	2.63662	2.29783	0.04248	0.04179	5.21E-05	3.12E-07	3.28E-07	2.40E-05	2.09E-05	1.39E-07	1.36E-07	9.7962E-05
607444.85	4201714.71	16230.69763	0.03698	0.03793	2.22327	1.89797	0.0403	0.03962	4.52E-05	2.08E-07	2.16E-07	2.03E-05	1.72E-05	1.32E-07	1.29E-07	8.3435E-05
607445.41	4201806.14	14999.13679	0.03021	0.03086	1.77088	1.57079	0.03888	0.03824	4.18E-05	1.70E-07	1.76E-07	1.62E-05	1.43E-05	1.27E-07	1.25E-07	7.2817E-05
607450.52	4201749.92	15635.70801	0.03432	0.03514	1.90401	1.65828	0.03953	0.03887	4.36E-05	1.93E-07	2.00E-07	1.74E-05	1.51E-05	1.29E-07	1.27E-07	7.6652E-05
607455.14	4201620.93	17360.45781	0.04783	0.04938	2.18495	1.90731	0.04107	0.0404	4.84E-05	2.69E-07	2.81E-07	1.99E-05	1.73E-05	1.34E-07	1.32E-07	8.6450E-05
607455.35	4201475.06	19804.23666	0.07718	0.0811	1.55344	1.44277	0.04259	0.04193	5.52E-05	4.34E-07	4.62E-07	1.42E-05	1.31E-05	1.39E-07	1.37E-07	8.3636E-05
607459.04	4201719.25	15870.56313	0.03723	0.03819	1.82292	1.59413	0.0396	0.03895	4.42E-05	2.09E-07	2.18E-07	1.66E-05	1.45E-05	1.30E-07	1.27E-07	7.6018E-05
607461	4201530.65	18726.38315	0.06382	0.06655	1.7342	1.58702	0.04189	0.04123	5.22E-05	3.59E-07	3.79E-07	1.58E-05	1.44E-05	1.37E-07	1.35E-07	8.3429E-05
607462.74	4201564.09	18142.16324	0.05739	0.05961	1.88848	1.69476	0.04149	0.04082	5.06E-05	3.23E-07	3.40E-07	1.72E-05	1.54E-05	1.36E-07	1.33E-07	8.4108E-05
607463.02	4201659.05	16610.8939	0.04354	0.04483	1.89894	1.66353	0.04023	0.03957	4.63E-05	2.45E-07	2.55E-07	1.73E-05	1.51E-05	1.32E-07	1.29E-07	7.9482E-05
607469.83	4201761.27	15115.60593	0.03421	0.03503	1.48947	1.33332	0.03854	0.03791	4.21E-05	1.92E-07	2.00E-07	1.36E-05	1.21E-05	1.26E-07	1.24E-07	6.8462E-05
607471.54	4201807.84	14522.73035	0.03098	0.03166	1.34391	1.22185	0.0378	0.03718	4.05E-05	1.74E-07	1.80E-07	1.23E-05	1.11E-05	1.24E-07	1.21E-07	6.4427E-05
607473.47	4201205.35	23111.33554	0.35948	0.41811	0.92055	0.82778	0.04135	0.0409	6.44E-05	2.02E-06	2.38E-06	8.40E-06	7.52E-06	1.35E-07	1.33E-07	8.4992E-05
607474.9	4201475.93	19226.55394	0.07944	0.08358	1.26874	1.18998	0.04168	0.04104	5.36E-05	4.47E-07	4.76E-07	1.16E-05	1.08E-05	1.36E-07	1.34E-07	7.7154E-05
607475.65	4201620.23	16884.36289	0.04934	0.05099	1.6502	1.48013	0.04015	0.0395	4.71E-05	2.77E-07	2.91E-07	1.51E-05	1.34E-05	1.31E-07	1.29E-07	7.6377E-05
607478.35	4201723.23	15430.36945	0.03777	0.03876	1.45802	1.30447	0.03872	0.03809	4.30E-05	2.12E-07	2.21E-07	1.33E-05	1.18E-05	1.27E-07	1.24E-07	6.8832E-05
607481.85	4202348.62	8551.4348	0.01383	0.01397	0.53687	0.50762	0.02897	0.02855	2.38E-05	7.78E-08	7.96E-08	4.90E-06	4.61E-06	9.47E-08	9.32E-08	3.3683E-05
607481.85	4202398.62	8037.54403	0.01296	0.01309	0.46405	0.44251	0.02812	0.02771	2.24E-05	7.29E-08	7.46E-08	4.23E-06	4.02E-06	9.20E-08	9.04E-08	3.0980E-05
607481.85	4202448.62	7590.06569	0.01223	0.01234	0.40605	0.39012	0.02739	0.027	2.12E-05	6.88E-08	7.03E-08	3.70E-06	3.54E-06	8.96E-08	8.81E-08	2.8715E-05
607481.85	4202498.62	7181.38998	0.01158	0.01168	0.35797	0.34618	0.02672	0.02634	2.00E-05	6.51E-08	6.65E-08	3.27E-06	3.14E-06	8.74E-08	8.60E-08	2.6727E-05
607481.85	4202548.62	6805.97986	0.01099	0.01108	0.31586	0.3073	0.02607	0.02572	1.90E-05	6.18E-08	6.31E-08	2.88E-06	2.79E-06	8.53E-08	8.40E-08	2.4933E-05
607482.45	4201664.05	16111.86514	0.04407	0.0454	1.49578	1.34074	0.03931	0.03867	4.49E-05	2.48E-07	2.59E-07	1.36E-05	1.22E-05	1.29E-07	1.26E-07	7.1482E-05
607482.71	4201528.05	18198.12071	0.06661	0.06957	1.34591	1.25231	0.04094	0.04029	5.07E-05	3.75E-07	3.96E-07	1.23E-05	1.14E-05	1.34E-07	1.32E-07	7.5401E-05
607483.15	4201562.79	17654.59608	0.05944	0.06182	1.45992	1.33656	0.04059	0.03995	4.92E-05	3.34E-07	3.52E-07	1.33E-05	1.21E-05	1.33E-07	1.30E-07	7.5605E-05
607493.12	4201817.49	14065.08361	0.03114	0.03182	1.10263	1.0183	0.03684	0.03625	3.92E-05	1.75E-07	1.81E-07	1.01E-05	9.25E-06	1.20E-07	1.18E-07	5.9098E-05
607496.96	4201155.79	22718.89891	0.49414	0.57844	0.67074	0.59536	0.03985	0.03946	6.33E-05	2.78E-06	3.30E-06	6.12E-06	5.41E-06	1.30E-07	1.29E-07	8.1170E-05
607496.96	4201172.31	22568.22591	0.4381	0.50989	0.69995	0.62616	0.04007	0.03966	6.29E-05	2.46E-06	2.91E-06	6.38E-06	5.69E-06	1.31E-07	1.29E-07	8.0592E-05
607496.96	4201188.83	22407.93947	0.38865	0.44945	0.72503	0.65351	0.04027	0.03984	6.24E-05	2.19E-06	2.56E-06	6.61E-06	5.94E-06	1.32E-07	1.30E-07	8.0001E-05
607496.96	4201205.35	22238.59425	0.34531	0.39653	0.74639	0.67761	0.04044	0.04	6.20E-05	1.94E-06	2.26E-06	6.81E-06	6.16E-06	1.32E-07	1.31E-07	7.9399E-05
607496.96	4201221.87	22060.87831	0.30757	0.35055	0.76459	0.69872	0.0406	0.04014	6.15E-05	1.73E-06	2.00E-06	6.97E-06	6.35E-06	1.33E-07	1.31E-07	7.8788E-05
607498.23	4201770.36	14491.03272	0.03464	0.03547	1.13003	1.03615	0.03727	0.03667	4.04E-05	1.95E-07	2.02E-07	1.03E-05	9.41E-06	1.22E-07	1.20E-07	6.0740E-05
607498.79	4201747.08	14749.95998	0.03657	0.0375	1.16196	1.06117	0.03756	0.03696	4.11E-05	2.06E-07	2.14E-07	1.06E-05	9.64E-06	1.23E-07	1.21E-07	6.2004E-05
607499.22	4201472.89	18606.33637	0.08322	0.0877	1.01672	0.96236	0.04063	0.04001	5.18E-05	4.68E-07	5.00E-07	9.27E-06	8.74E-06	1.33E-07	1.31E-07	7.1097E-05
607502.35	4201677.74	15523.46288	0.04362	0.04493	1.2158	1.10683	0.03831	0.03769	4.33E-05	2.45E-07	2.56E-07	1.11E-05	1.01E-05	1.25E-07	1.23E-07	6.5152E-05
607506.75	4201731.18	14796.04581	0.03837	0.03938	1.11135	1.01767	0.03746	0.03686	4.12E-05	2.16E-07	2.24E-07	1.01E-05	9.24E-06	1.23E-07	1.20E-07	6.1296E-05
607507.9	4201522.4	17652.23124	0.07034	0.0736	1.05256	0.99136	0.03989	0.03927	4.92E-05	3.96E-07	4.19E-07	9.60E-06	9.01E-06	1.30E-07	1.28E-07	6.8871E-05
607509.64	4201539.77	17357.55075	0.06649	0.06941	1.07456	1.0071	0.03966	0.03905	4.84E-05	3.74E-07	3.95E-07	9.80E-06	9.15E-06	1.30E-07	1.27E-07	6.8346E-05
607510.51	4201563.23	16999.54703	0.06168	0.0642	1.11004	1.03317	0.03941	0.03879	4.74E-05	3.47E-07	3.66E-07	1.01E-05	9.39E-06	1.29E-07	1.27E-07	6.7851E-05
607517.46	4201473.76	18117.28239	0.08478	0.08937	0.88571	0.84227	0.03984	0.03924	5.05E-05	4.77E-07	5.09E-07	8.08E-06	7.65E-06	1.30E-07	1.28E-07	6.7461E-05
607518.78	4201606.08	16146.87077	0.0546	0.05659	1.06714	0.98983	0.0385	0.0379	4.50E-05	3.07E-07	3.22E-07	9.73E-06	8.99E-06	1.26E-07	1.24E-07	6.4600E-05
607520.45	4201073.19	22441.68158	0.76502	0.88343	0.38852	0.33828	0.0377	0.03741	6.25E-05	4.30E-06	5.03E-06	3.54E-06	3.07E-06	1.23E-07	1.22E-07	7.8735E-05
607520.45	4201089.71	22350.21492	0.6925	0.80196	0.4284	0.37487	0.03801	0.0377	6.23E-05	3.89E-06	4.57E-06	3.91E-06	3.41E-06	1.24E-07	1.23E-07	7.8307E-05
607520.45	4201106.23	22247.19468	0.62457	0.72371	0.46554	0.40986	0.03829	0.03796	6.20E-05	3.51E-06	4.12E-06	4.25E-06	3.72E-06	1.25E-07	1.24E-07	7.7850E-05
607520.45	4201122.75	22132.99246	0.56204	0.65031	0.49929	0.44258	0.03856	0.03821	6.17E-05	3.16E-06	3.71E-06	4.55E-06	4.02E-06	1.26E-07	1.25E-07	7.7369E-05
607520.45	4201155.79	21873.60013	0.454	0.5219	0.5566	0.50017	0.03902	0.03864	6.10E-05	2.55E-06	2.97E-06	5.08E-06	4.54E-06	1.28E-07	1.26E-07	7.6355E-05
607520.45	4201172.31	21729.77825	0.40796	0.46708	0.58068	0.52516	0.03922	0.03882	6.06E-05	2.29E-06	2.66E-06	5.30E-06	4.77E-06	1.28E-07	1.27E-07	7.5831E-05
607520.45	4201188.83	21577.34358	0.36667	0.41795	0.60204	0.54779	0.0394	0.03898	6.01E-05	2.06E-06	2.38E-06	5.49E-06	4.98E-06	1.29E-07	1.27E-07	7.5296E-05
607520.45	4201205.35	21416.84799	0.32976	0.37404	0.62088	0.5682	0.03956	0.03913	5.97E-05	1.85E-06	2.13E-06	5.66E-06	5.16E-06	1.29E-07	1.28E-07	7.4749E-05
607520.45	4201221.87	21248.76609	0.29694	0.33501	0.63746	0.58651	0.0397	0.03925	5.92E-05	1.67E-06	1.91E-06	5.81E-06	5.33E-06	1.30E-07	1.28E-07	7.4192E-05
607523.01	4201691.84	14948.2498	0.04313	0.0444	1.00933	0.93066	0.0373	0.03671	4.17E-05	2.43E-07	2.53E-07	9.21E-06	8.45E-06	1.22E-07	1.20E-07	6.0054E-05
607531.85	4202348.62	8356.45273	0.01419	0.01434	0.43667	0.41628	0.02774	0.02734	2.33E-05	7.98E-08	8.17E-08	3.98E-06	3.78E-06	9.07E-08	8.92E-08	3.1393E-05
607531.85	4202398.62	7870.15174	0.01329	0.01341	0.38549	0.36979	0.02694	0.02656	2.19E-05	7.47E-08	7.64E-08	3.52E-06	3.36E-06	8.81E-08	8.67E-08	2.9133E-05
607531.85	4202448.62	7430.12209	0.01248	0.01259	0.34038	0.32854	0.02622	0.02586	2.07E-05	7.02E-08	7.17E-08	3.10E-06	2.98E-06	8.57E-08	8.44E-08	2.7106E-05
607531.85	4202498.62	7048.47478	0.01184	0.01194	0.3042	0.29522	0.02563	0.02528	1.96E-05	6.66E-08	6.80E-08	2.77E-06	2.68E-06	8.38E-08	8.25E-08	2.5399E-05
607531.85	4202548.62	6687.37165	0.01123	0.01133	0.27017	0.26359	0.02504	0.02471	1.86E-05	6.32E-08	6.46E-08	2.46E-06	2.39E-06	8.19E-08	8.07E-08	2.3784E-05
607535.76	4201644.98	15266.85654	0.04965	0.05131	0.93067	0.86536	0.03734	0.03675	4.25E-05	2.79E-07	2.92E-07	8.49E-06	7.86E-06	1.22E-07	1.20E-07	5.9707E-05
607540.71	4201675.39	14806.12578	0.04596	0.04739	0.88984	0.82763	0.0368	0.03622	4.13E-05	2.58E-07	2.70E-07	8.12E-06	7.52E-06	1.20E-07	1.18E-07	5.7661E-05
607541.39	4201808.98	13424.44797	0.03357	0.03435	0.80291	0.75331	0.03524	0.03469	3.74E-05	1.89E-07	1.96E-07	7.32E-06	6.84E-06	1.15E-07	1.13E-07	5.2189E-05
607543.94	4201073.19	21627.28751	0.67309	0.7646	0.3396	0.29995	0.037	0.03671	6.03E-05	3.79E-06	4.36E-06	3.10E-06	2.72E-06	1.21E-07	1.20E-07	7.4473E-05
607543.94	4201089.71	21537.23888	0.61434	0.69934	0.37052	0.32873	0.03728	0.03697	6.00E-05	3.46E-06	3.98E-06	3.38E-06	2.99E-06	1.22E-07	1.21E-07	7.4065E-05
607543.94	4201106.23	21436.5732	0.55925	0.63694	0.39954	0.35637	0.03754	0.03722	5.97E-05	3.15E-06	3.63E-06	3.64E-06	3.24E-06	1.23E-07	1.21E-07	7.3637E-05
607543.94	4201122.75	21325.86733	0.50827	0.57831	0.42625	0.3824	0.03779	0.03744	5.94E-05	2.86E-06	3.29E-06	3.89E-06	3.47E-06	1.24E-07	1.22E-07	7.3189E-05
607543.94	4201172.31	20939.59972	0.38057	0.42965	0.49259	0.44952	0.0384	0.03801	5.84E-05	2.14E-06	2.45E-06	4.49E-06	4.08E-06	1.26E-07	1.24E-07	7.1766E-05
607546.5	4201792.51	13511.0169	0.03502	0.03586	0.79256	0.74321	0.03527	0.03472	3.77E-05	1.97E-07	2.04E-07	7.23E-06	6.75E-06	1.15E-07	1.13E-07	5.2261E-05
607553.31	4201751.62	13797.9964	0.0387	0.03972	0.785	0.73526	0.03551	0.03496	3.85E-05	2.18E-07	2.26E-07	7.16E-06	6.68E-06	1.16E-07	1.14E-07	5.2964E-05
607553.44	4201659.83	14752.16314	0.04862	0.0502	0.8176	0.76473	0.03649	0.03592	4.11E-05	2.73E-07	2.86E-07	7.46E-06	6.95E-06	1.19E-07	1.17E-07	5.6310E-05
607558.28	4201479.41	17049.27178	0.08617	0.09072	0.68349	0.65433	0.03815	0.03758	4.75E-05	4.85E-07	5.17E-07	6.23E-06	5.94E-06	1.25E-07	1.23E-07	6.0938E-05
607563.06	4201541.51	16142.39707	0.07007	0.0732	0.72709	0.69079	0.03749	0.03693	4.50E-05	3.94E-07	4.17E-07	6.63E-06	6.28E-06	1.23E-07	1.21E-07	5.8945E-05
607563.93	4201561.49	15861.50627	0.06587	0.06866	0.73819	0.69986	0.03727	0.03671	4.42E-05	3.70E-07	3.91E-07	6.73E-06	6.36E-06	1.22E-07	1.20E-07	5.8295E-05
607564.36	4201522.4	16356.69757	0.07468	0.07819	0.70263	0.66988	0.0376	0.03703	4.56E-05	4.20E-07	4.45E-07	6.41E-06	6.09E-06	1.23E-07	1.21E-07	5.9184E-05
607566.53	4201581.9	15513.05038	0.06207	0.06455	0.73937	0.69984	0.03692	0.03636	4.32E-05	3.49E-07	3.68E-07	6.74E-06	6.36E-06	1.21E-07	1.19E-07	5.7287E-05
607567.43	4201073.19	20857.43088	0.60098	0.67345	0.3009	0.26892	0.0363	0.03602	5.81E-05	3.38E-06	3.84E-06	2.74E-06	2.44E-06	1.19E-07	1.18E-07	7.0763E-05
607567.43	4201089.71	20768.84526	0.55221	0.6198	0.32552	0.2921	0.03657	0.03626	5.79E-05	3.11E-06	3.53E-06	2.97E-06	2.65E-06	1.20E-07	1.18E-07	7.0373E-05
607567.43	4201106.23	20670.76348	0.50643	0.56867	0.34878	0.31443	0.03681	0.03649	5.76E-05	2.85E-06	3.24E-06	3.18E-06	2.86E-06	1.20E-07	1.19E-07	6.9968E-05
607567.43	4201122.75	20563.61353	0.46389	0.52056	0.37041	0.33561	0.03704	0.0367	5.73E-05	2.61E-06	2.97E-06	3.38E-06	3.05E-06	1.21E-07	1.20E-07	6.9547E-05
607571.31	4201602.75	15121.29146	0.0584	0.06061	0.72424	0.68474	0.03646	0.03591	4.21E-05	3.28E-07	3.45E-07	6.61E-06	6.22E-06	1.19E-07	1.17E-07	5.5874E-05
607571.44	4201713.55	13864.10676	0.04318	0.04443	0.71677	0.67428	0.03525	0.03471	3.86E-05	2.43E-07	2.53E-07	6.54E-06	6.13E-06	1.15E-07	1.13E-07	5.2022E-05
607574.23	4201809.28	12977.36782	0.03488	0.03571	0.66869	0.63408	0.03419	0.03367	3.62E-05	1.96E-07	2.03E-07	6.10E-06	5.76E-06	1.12E-07	1.10E-07	4.8644E-05
607577.16	4201791.94	13102.36866	0.03636	0.03726	0.66812	0.63306	0.03431	0.03379	3.65E-05	2.04E-07	2.12E-07	6.09E-06	5.75E-06	1.12E-07	1.10E-07	4.8996E-05
607579.99	4201477.67	16579.47971	0.08792	0.09254	0.60168	0.57752	0.03732	0.03677	4.62E-05	4.94E-07	5.27E-07	5.49E-06	5.25E-06	1.22E-07	1.20E-07	5.8199E-05
607581.63	4201694.49	13878.58578	0.04571	0.0471	0.67825	0.6397	0.03508	0.03454	3.87E-05	2.57E-07	2.68E-07	6.19E-06	5.81E-06	1.15E-07	1.13E-07	5.1425E-05
607581.85	4202348.62	8157.29281	0.01461	0.01475	0.36314	0.34846	0.02657	0.0262	2.27E-05	8.22E-08	8.40E-08	3.31E-06	3.17E-06	8.69E-08	8.55E-08	2.9548E-05
607581.85	4202398.62	7702.99419	0.01366	0.01378	0.32522	0.31357	0.02583	0.02547	2.15E-05	7.68E-08	7.85E-08	2.97E-06	2.85E-06	8.45E-08	8.31E-08	2.7603E-05
607581.85	4202448.62	7292.29803	0.01284	0.01295	0.29135	0.2823	0.02517	0.02484	2.03E-05	7.22E-08	7.38E-08	2.66E-06	2.56E-06	8.23E-08	8.11E-08	2.5852E-05
607581.85	4202498.62	6921.22651	0.01214	0.01224	0.26168	0.25474	0.02461	0.02428	1.93E-05	6.83E-08	6.97E-08	2.39E-06	2.31E-06	8.05E-08	7.93E-08	2.4286E-05
607581.85	4202548.62	6573.05118	0.0115	0.0116	0.23392	0.22878	0.02406	0.02375	1.83E-05	6.47E-08	6.61E-08	2.13E-06	2.08E-06	7.87E-08	7.75E-08	2.2816E-05
607583.98	4201765.25	13254.11741	0.03892	0.03994	0.65778	0.62226	0.03441	0.03388	3.69E-05	2.19E-07	2.28E-07	6.00E-06	5.65E-06	1.13E-07	1.11E-07	4.9257E-05
607584.55	4201620.93	14644.55322	0.05599	0.05801	0.6709	0.63503	0.03576	0.03522	4.08E-05	3.15E-07	3.31E-07	6.12E-06	5.77E-06	1.17E-07	1.15E-07	5.3575E-05
607588.25	4201535.86	15692.21271	0.0728	0.07608	0.62055	0.59248	0.03658	0.03604	4.37E-05	4.09E-07	4.33E-07	5.66E-06	5.38E-06	1.20E-07	1.18E-07	5.5851E-05
607590.92	4201023.63	20332.20264	0.68027	0.74702	0.20654	0.18506	0.03479	0.03455	5.67E-05	3.83E-06	4.26E-06	1.88E-06	1.68E-06	1.14E-07	1.13E-07	6.8533E-05
607590.92	4201040.15	20274.49681	0.63248	0.69706	0.22768	0.20435	0.03508	0.03483	5.65E-05	3.56E-06	3.97E-06	2.08E-06	1.86E-06	1.15E-07	1.14E-07	6.8188E-05
607590.92	4201056.67	20206.66866	0.5867	0.6485	0.24883	0.22388	0.03536	0.0351	5.63E-05	3.30E-06	3.69E-06	2.27E-06	2.03E-06	1.16E-07	1.15E-07	6.7837E-05
607590.92	4201073.19	20129.15785	0.54305	0.60156	0.26959	0.24332	0.03563	0.03534	5.61E-05	3.05E-06	3.43E-06	2.46E-06	2.21E-06	1.17E-07	1.15E-07	6.7476E-05
607590.92	4201089.71	20042.19386	0.50174	0.55652	0.28963	0.26237	0.03587	0.03557	5.59E-05	2.82E-06	3.17E-06	2.64E-06	2.38E-06	1.17E-07	1.16E-07	6.7102E-05
607590.92	4201106.23	19946.54512	0.46294	0.5137	0.30867	0.28076	0.0361	0.03578	5.56E-05	2.60E-06	2.93E-06	2.82E-06	2.55E-06	1.18E-07	1.17E-07	6.6715E-05
607590.92	4201122.75	19841.9833	0.42678	0.47335	0.32651	0.29829	0.03631	0.03597	5.53E-05	2.40E-06	2.70E-06	2.98E-06	2.71E-06	1.19E-07	1.17E-07	6.6314E-05
607597.59	4201692.32	13645.22895	0.04671	0.04814	0.62107	0.58815	0.03455	0.03403	3.80E-05	2.63E-07	2.74E-07	5.66E-06	5.34E-06	1.13E-07	1.11E-07	4.9793E-05
607598.67	4201478.97	16158.21146	0.08831	0.09287	0.54574	0.52473	0.03661	0.03608	4.50E-05	4.97E-07	5.29E-07	4.98E-06	4.77E-06	1.20E-07	1.18E-07	5.6035E-05

607600.11	4201587.7	14786.69452	0.06272	0.06518	0.60704	0.57822	0.03559	0.03506	4.12E-05	3.53E-07	3.71E-07	5.54E-06	5.25E-06	1.16E-07	1.14E-07	5.2950E-05
607607.03	4201729.35	13251.03637	0.04335	0.04458	0.59427	0.5644	0.03405	0.03354	3.69E-05	2.44E-07	2.54E-07	5.42E-06	5.13E-06	1.11E-07	1.09E-07	4.8192E-05
607607.79	4201535.43	15311.27379	0.0738	0.07708	0.55754	0.53371	0.03587	0.03535	4.27E-05	4.15E-07	4.39E-07	5.09E-06	4.85E-06	1.17E-07	1.15E-07	5.3688E-05
607610.72	4201606.08	14357.24926	0.05974	0.06198	0.57699	0.54977	0.03499	0.03447	4.00E-05	3.36E-07	3.53E-07	5.26E-06	4.99E-06	1.14E-07	1.13E-07	5.1182E-05
607614.41	4201023.63	19642.07181	0.61434	0.66899	0.19146	0.173	0.03418	0.03394	5.47E-05	3.46E-06	3.81E-06	1.75E-06	1.57E-06	1.12E-07	1.11E-07	6.5543E-05
607614.41	4201040.15	19582.29288	0.57282	0.62566	0.20905	0.18925	0.03446	0.03421	5.46E-05	3.22E-06	3.56E-06	1.91E-06	1.72E-06	1.13E-07	1.12E-07	6.5206E-05
607614.41	4201056.67	19514.32072	0.53321	0.5838	0.22657	0.20561	0.03472	0.03445	5.44E-05	3.00E-06	3.33E-06	2.07E-06	1.87E-06	1.14E-07	1.12E-07	6.4865E-05
607614.41	4201073.19	19437.76626	0.49558	0.54357	0.24375	0.22184	0.03497	0.03468	5.42E-05	2.79E-06	3.10E-06	2.22E-06	2.02E-06	1.14E-07	1.13E-07	6.4517E-05
607614.41	4201089.71	19352.27042	0.46001	0.50511	0.26035	0.23775	0.03519	0.03489	5.39E-05	2.59E-06	2.88E-06	2.37E-06	2.16E-06	1.15E-07	1.14E-07	6.4157E-05
607614.41	4201106.23	19259.52449	0.42657	0.46859	0.27621	0.25315	0.0354	0.03509	5.37E-05	2.40E-06	2.67E-06	2.52E-06	2.30E-06	1.16E-07	1.15E-07	6.3788E-05
607615.67	4201566.48	14791.08425	0.06754	0.07031	0.54952	0.52576	0.03531	0.03479	4.12E-05	3.80E-07	4.01E-07	5.01E-06	4.78E-06	1.15E-07	1.14E-07	5.2016E-05
607618.06	4201676.37	13477.38621	0.04953	0.05111	0.55898	0.53174	0.03402	0.03351	3.76E-05	2.79E-07	2.91E-07	5.10E-06	4.83E-06	1.11E-07	1.09E-07	4.8276E-05
607620.62	4201625.88	13955.68762	0.05679	0.05882	0.54991	0.52417	0.03443	0.03392	3.89E-05	3.19E-07	3.35E-07	5.02E-06	4.76E-06	1.13E-07	1.11E-07	4.9545E-05
607623.86	4201478.54	15641.32474	0.08914	0.09364	0.48182	0.46411	0.0357	0.03519	4.36E-05	5.01E-07	5.34E-07	4.39E-06	4.22E-06	1.17E-07	1.15E-07	5.3464E-05
607628.27	4201709.56	13106.36224	0.04634	0.04773	0.53706	0.51165	0.03354	0.03305	3.65E-05	2.61E-07	2.72E-07	4.90E-06	4.65E-06	1.10E-07	1.08E-07	4.6820E-05
607631.24	4201526.31	14969.29655	0.07672	0.08015	0.49112	0.47174	0.03511	0.03461	4.17E-05	4.31E-07	4.57E-07	4.48E-06	4.29E-06	1.15E-07	1.13E-07	5.1595E-05
607631.85	4202348.62	7955.68741	0.01504	0.0152	0.3072	0.29627	0.02547	0.02512	2.22E-05	8.46E-08	8.66E-08	2.80E-06	2.69E-06	8.33E-08	8.20E-08	2.8000E-05
607631.85	4202398.62	7528.37487	0.01403	0.01417	0.2774	0.26861	0.02477	0.02444	2.10E-05	7.89E-08	8.07E-08	2.53E-06	2.44E-06	8.10E-08	7.98E-08	2.6270E-05
607631.85	4202448.62	7156.98181	0.01322	0.01334	0.2521	0.24508	0.0242	0.02388	1.99E-05	7.44E-08	7.60E-08	2.30E-06	2.23E-06	7.91E-08	7.79E-08	2.4777E-05
607631.85	4202498.62	6801.3515	0.01247	0.01258	0.22784	0.2224	0.02366	0.02336	1.90E-05	7.01E-08	7.17E-08	2.08E-06	2.02E-06	7.74E-08	7.62E-08	2.3347E-05
607631.85	4202548.62	6466.41347	0.0118	0.0119	0.20493	0.20085	0.02316	0.02286	1.80E-05	6.64E-08	6.78E-08	1.87E-06	1.82E-06	7.57E-08	7.46E-08	2.1998E-05
607636.96	4201667.56	13281.95048	0.05147	0.05315	0.5105	0.48735	0.0335	0.03301	3.70E-05	2.89E-07	3.03E-07	4.66E-06	4.43E-06	1.10E-07	1.08E-07	4.6905E-05
607637.9	4201023.63	18986.11094	0.5602	0.60543	0.17813	0.16215	0.03358	0.03335	5.29E-05	3.15E-06	3.45E-06	1.62E-06	1.47E-06	1.10E-07	1.09E-07	6.2824E-05
607637.9	4201040.15	18927.02452	0.5237	0.5674	0.19297	0.176	0.03384	0.0336	5.27E-05	2.95E-06	3.23E-06	1.76E-06	1.60E-06	1.11E-07	1.10E-07	6.2501E-05
607637.9	4201056.67	18858.03713	0.489	0.53089	0.20769	0.18988	0.03409	0.03382	5.26E-05	2.75E-06	3.02E-06	1.89E-06	1.72E-06	1.11E-07	1.10E-07	6.2167E-05
607637.9	4201073.19	18782.40449	0.45612	0.49593	0.22212	0.20363	0.03432	0.03404	5.23E-05	2.57E-06	2.83E-06	2.03E-06	1.85E-06	1.12E-07	1.11E-07	6.1830E-05
607637.9	4201089.71	18699.4678	0.42503	0.46259	0.2361	0.2171	0.03453	0.03423	5.21E-05	2.39E-06	2.64E-06	2.15E-06	1.97E-06	1.13E-07	1.12E-07	6.1485E-05
607637.9	4201106.23	18609.41756	0.3958	0.43097	0.24951	0.23017	0.03472	0.03441	5.19E-05	2.23E-06	2.46E-06	2.28E-06	2.09E-06	1.14E-07	1.12E-07	6.1132E-05
607638.19	4201499.38	15132.57588	0.08359	0.08755	0.46192	0.44486	0.03506	0.03456	4.22E-05	4.70E-07	4.99E-07	4.21E-06	4.04E-06	1.15E-07	1.13E-07	5.1620E-05
607646.08	4201557.29	14362.43533	0.07035	0.07325	0.47058	0.45187	0.03436	0.03387	4.00E-05	3.96E-07	4.17E-07	4.29E-06	4.10E-06	1.12E-07	1.11E-07	4.9456E-05
607647.58	4201700.87	12914.89223	0.04802	0.04949	0.4909	0.46965	0.03304	0.03255	3.60E-05	2.70E-07	2.82E-07	4.48E-06	4.27E-06	1.08E-07	1.06E-07	4.5500E-05
607655.79	4201662.74	13060.78894	0.05286	0.0546	0.46878	0.44882	0.03298	0.0325	3.64E-05	2.97E-07	3.11E-07	4.28E-06	4.08E-06	1.08E-07	1.06E-07	4.5571E-05
607661.39	4201023.63	18364.10321	0.51503	0.55279	0.16628	0.15237	0.033	0.03277	5.12E-05	2.90E-06	3.15E-06	1.52E-06	1.38E-06	1.08E-07	1.07E-07	6.0336E-05
607661.39	4201040.15	18303.91273	0.48261	0.5191	0.17894	0.1643	0.03324	0.033	5.10E-05	2.71E-06	2.96E-06	1.63E-06	1.49E-06	1.09E-07	1.08E-07	6.0020E-05
607661.39	4201056.67	18237.11428	0.45185	0.48688	0.19147	0.17621	0.03347	0.03321	5.08E-05	2.54E-06	2.77E-06	1.75E-06	1.60E-06	1.09E-07	1.08E-07	5.9701E-05
607661.39	4201073.19	18161.87866	0.42275	0.45612	0.20377	0.18799	0.03369	0.03341	5.06E-05	2.38E-06	2.60E-06	1.86E-06	1.71E-06	1.10E-07	1.09E-07	5.9373E-05
607661.39	4201089.71	18080.15584	0.39528	0.42686	0.21569	0.19955	0.03388	0.03359	5.04E-05	2.22E-06	2.43E-06	1.97E-06	1.81E-06	1.11E-07	1.10E-07	5.9039E-05
607661.39	4201106.23	17992.6635	0.36942	0.39912	0.22717	0.21079	0.03406	0.03375	5.01E-05	2.08E-06	2.27E-06	2.07E-06	1.91E-06	1.11E-07	1.10E-07	5.8700E-05
607664.96	4201692.67	12741.0586	0.04954	0.05108	0.45433	0.43576	0.03258	0.03211	3.55E-05	2.79E-07	2.91E-07	4.14E-06	3.96E-06	1.07E-07	1.05E-07	4.4389E-05
607665.17	4201577.8	13778.02934	0.06681	0.06941	0.43833	0.42143	0.03348	0.033	3.84E-05	3.76E-07	3.95E-07	4.00E-06	3.83E-06	1.09E-07	1.08E-07	4.7210E-05
607665.17	4201609.62	13417.51963	0.06096	0.06317	0.44384	0.42607	0.03313	0.03266	3.74E-05	3.43E-07	3.60E-07	4.05E-06	3.87E-06	1.08E-07	1.07E-07	4.6227E-05
607672.95	4201521.22	14272.91392	0.07863	0.08205	0.4055	0.39103	0.03374	0.03327	3.98E-05	4.42E-07	4.67E-07	3.70E-06	3.55E-06	1.10E-07	1.09E-07	4.8153E-05
607675.07	4201495.76	14491.77292	0.08486	0.08874	0.39217	0.37866	0.03384	0.03337	4.04E-05	4.77E-07	5.06E-07	3.58E-06	3.44E-06	1.11E-07	1.09E-07	4.8603E-05
607675.1	4201657.91	12835.00723	0.05414	0.05592	0.4314	0.41412	0.03244	0.03198	3.58E-05	3.04E-07	3.19E-07	3.93E-06	3.76E-06	1.06E-07	1.04E-07	4.4297E-05
607681.85	4202348.62	7763.97014	0.01551	0.01568	0.26397	0.25567	0.02447	0.02415	2.16E-05	8.72E-08	8.93E-08	2.41E-06	2.32E-06	8.00E-08	7.88E-08	2.6701E-05
607681.85	4202398.62	7378.00636	0.01448	0.01463	0.24119	0.23434	0.02384	0.02353	2.06E-05	8.14E-08	8.34E-08	2.20E-06	2.13E-06	7.80E-08	7.68E-08	2.5208E-05
607681.85	4202448.62	7024.21709	0.01361	0.01374	0.22033	0.21481	0.02329	0.02299	1.96E-05	7.65E-08	7.83E-08	2.01E-06	1.95E-06	7.62E-08	7.50E-08	2.3841E-05
607681.85	4202498.62	6686.45725	0.01282	0.01294	0.20037	0.19603	0.02278	0.0225	1.86E-05	7.21E-08	7.37E-08	1.83E-06	1.78E-06	7.45E-08	7.34E-08	2.2535E-05
607681.85	4202548.62	6364.96921	0.01211	0.01222	0.18128	0.17798	0.02231	0.02203	1.77E-05	6.81E-08	6.96E-08	1.65E-06	1.62E-06	7.30E-08	7.19E-08	2.1290E-05
607682.14	4201602.55	13229.79566	0.06253	0.06481	0.41174	0.3961	0.03267	0.0322	3.69E-05	3.52E-07	3.69E-07	3.76E-06	3.60E-06	1.07E-07	1.05E-07	4.5154E-05
607684.88	4201023.63	17772.8614	0.47667	0.50845	0.15574	0.14356	0.03243	0.0322	4.95E-05	2.68E-06	2.90E-06	1.42E-06	1.30E-06	1.06E-07	1.05E-07	5.8040E-05
607684.88	4201040.15	17713.39613	0.4476	0.47835	0.16666	0.15391	0.03266	0.03241	4.94E-05	2.52E-06	2.73E-06	1.52E-06	1.40E-06	1.07E-07	1.06E-07	5.7735E-05
607684.88	4201056.67	17645.77696	0.4201	0.44965	0.17745	0.16424	0.03287	0.03261	4.92E-05	2.36E-06	2.56E-06	1.62E-06	1.49E-06	1.07E-07	1.06E-07	5.7422E-05
607684.88	4201073.19	17572.84915	0.3941	0.42233	0.18803	0.17445	0.03307	0.03279	4.90E-05	2.22E-06	2.41E-06	1.72E-06	1.58E-06	1.08E-07	1.07E-07	5.7107E-05
607684.88	4201089.71	17493.7834	0.36956	0.39637	0.19833	0.18447	0.03325	0.03296	4.87E-05	2.08E-06	2.26E-06	1.81E-06	1.68E-06	1.09E-07	1.08E-07	5.6787E-05
607684.88	4201106.23	17408.93926	0.34646	0.37177	0.20827	0.19423	0.03342	0.03311	4.85E-05	1.95E-06	2.12E-06	1.90E-06	1.76E-06	1.09E-07	1.08E-07	5.6461E-05
607687.16	4201688.32	12475.62076	0.05062	0.0522	0.41342	0.39764	0.03196	0.0315	3.48E-05	2.85E-07	2.97E-07	3.77E-06	3.61E-06	1.05E-07	1.03E-07	4.2938E-05
607689.92	4201541.02	13774.35193	0.07446	0.0775	0.38444	0.37112	0.03303	0.03256	3.84E-05	4.19E-07	4.42E-07	3.51E-06	3.37E-06	1.08E-07	1.06E-07	4.6337E-05
607691.99	4201650.19	12666.25109	0.0556	0.05745	0.4018	0.38653	0.032	0.03155	3.53E-05	3.13E-07	3.27E-07	3.66E-06	3.51E-06	1.05E-07	1.03E-07	4.3320E-05
607694.87	4201484.45	14255.83334	0.0877	0.0917	0.35837	0.34654	0.03328	0.03282	3.97E-05	4.93E-07	5.22E-07	3.27E-06	3.15E-06	1.09E-07	1.07E-07	4.7375E-05
607700.53	4201594.06	13036.3663	0.06424	0.06659	0.38076	0.36703	0.03218	0.03172	3.63E-05	3.61E-07	3.79E-07	3.47E-06	3.33E-06	1.05E-07	1.04E-07	4.4085E-05
607708.37	4201023.63	17210.52246	0.44363	0.47059	0.14633	0.1356	0.03187	0.03164	4.80E-05	2.50E-06	2.68E-06	1.33E-06	1.23E-06	1.04E-07	1.03E-07	5.5910E-05
607708.37	4201040.15	17150.59387	0.4174	0.4435	0.15583	0.14468	0.03209	0.03184	4.78E-05	2.35E-06	2.53E-06	1.42E-06	1.31E-06	1.05E-07	1.04E-07	5.5612E-05
607708.37	4201056.67	17084.46888	0.3926	0.41773	0.16521	0.15371	0.03228	0.03202	4.76E-05	2.21E-06	2.38E-06	1.51E-06	1.40E-06	1.06E-07	1.05E-07	5.5310E-05
607708.4	4201680.6	12243.96742	0.05203	0.05367	0.37998	0.36634	0.03138	0.03094	3.41E-05	2.93E-07	3.06E-07	3.47E-06	3.33E-06	1.03E-07	1.01E-07	4.1716E-05
607715.16	4201646.81	12385.3694	0.0565	0.05837	0.36694	0.35388	0.03137	0.03093	3.45E-05	3.18E-07	3.33E-07	3.35E-06	3.21E-06	1.03E-07	1.01E-07	4.1929E-05
607715.38	4201481.62	13929.24808	0.08816	0.09211	0.33082	0.32029	0.03264	0.0322	3.88E-05	4.96E-07	5.25E-07	3.02E-06	2.91E-06	1.07E-07	1.05E-07	4.5976E-05
607716.09	4201541.02	13339.44422	0.07448	0.07745	0.34788	0.33641	0.03218	0.03174	3.72E-05	4.19E-07	4.41E-07	3.17E-06	3.06E-06	1.05E-07	1.04E-07	4.4471E-05
607720.33	4201594.77	12739.56635	0.06426	0.06657	0.35278	0.34061	0.03157	0.03113	3.55E-05	3.61E-07	3.79E-07	3.22E-06	3.09E-06	1.03E-07	1.02E-07	4.2758E-05
607731.85	4202348.62	7573.53343	0.01595	0.01614	0.2295	0.22304	0.02354	0.02323	2.11E-05	8.97E-08	9.20E-08	2.09E-06	2.03E-06	7.70E-08	7.58E-08	2.5559E-05
607731.85	4202398.62	7228.16299	0.01492	0.01508	0.21168	0.20626	0.02297	0.02268	2.01E-05	8.39E-08	8.59E-08	1.93E-06	1.87E-06	7.51E-08	7.40E-08	2.4266E-05
607731.85	4202448.62	6893.04299	0.01399	0.01413	0.19428	0.18986	0.02244	0.02217	1.92E-05	7.87E-08	8.05E-08	1.77E-06	1.72E-06	7.34E-08	7.24E-08	2.3010E-05
607731.85	4202498.62	6570.75462	0.01316	0.01328	0.17752	0.17401	0.02195	0.02169	1.83E-05	7.40E-08	7.57E-08	1.62E-06	1.58E-06	7.18E-08	7.08E-08	2.1803E-05
607731.85	4202548.62	6266.02719	0.01242	0.01253	0.16164	0.15893	0.02151	0.02125	1.75E-05	6.99E-08	7.14E-08	1.47E-06	1.44E-06	7.03E-08	6.94E-08	2.0660E-05
607733.02	4201646.81	12152.92103	0.05671	0.05857	0.34346	0.33177	0.03087	0.03044	3.39E-05	3.19E-07	3.34E-07	3.13E-06	3.01E-06	1.01E-07	9.94E-08	4.0866E-05
607733.02	4201674.32	11967.5192	0.05316	0.05483	0.34631	0.33464	0.03072	0.0303	3.33E-05	2.99E-07	3.12E-07	3.16E-06	3.04E-06	1.00E-07	9.89E-08	4.0359E-05
607737.3	4201483.03	13548.34515	0.08741	0.09119	0.3065	0.29707	0.03195	0.03152	3.78E-05	4.92E-07	5.20E-07	2.80E-06	2.70E-06	1.04E-07	1.03E-07	4.4467E-05
607748.62	4201581.33	12461.22412	0.06653	0.06892	0.31648	0.30627	0.03086	0.03044	3.47E-05	3.74E-07	3.93E-07	2.89E-06	2.78E-06	1.01E-07	9.94E-08	4.1361E-05
607751.45	4201596.89	12290.79326	0.06395	0.06618	0.31556	0.30536	0.03067	0.03025	3.43E-05	3.60E-07	3.77E-07	2.88E-06	2.77E-06	1.00E-07	9.87E-08	4.0838E-05
607754.26	4201674.32	11702.1494	0.05333	0.05497	0.32126	0.311	0.03014	0.02973	3.26E-05	3.00E-07	3.13E-07	2.93E-06	2.83E-06	9.86E-08	9.70E-08	3.9174E-05
607754.74	4201641.98	11913.54418	0.0575	0.05936	0.31764	0.3074	0.03031	0.02989	3.32E-05	3.23E-07	3.38E-07	2.90E-06	2.79E-06	9.91E-08	9.76E-08	3.9747E-05
607756.4	4201533.95	12781.2957	0.07544	0.07836	0.2999	0.29061	0.03101	0.03059	3.56E-05	4.24E-07	4.46E-07	2.74E-06	2.64E-06	1.01E-07	9.98E-08	4.2065E-05
607756.4	4201557.99	12562.71906	0.0707	0.07332	0.30445	0.29491	0.03082	0.0304	3.50E-05	3.98E-07	4.18E-07	2.78E-06	2.68E-06	1.01E-07	9.92E-08	4.1479E-05
607759.93	4201485.86	13154.23077	0.08611	0.0897	0.28518	0.27661	0.03124	0.03082	3.67E-05	4.84E-07	5.11E-07	2.60E-06	2.51E-06	1.02E-07	1.01E-07	4.2968E-05
607825.82	4201172.31	14158.77336	0.20523	0.2144	0.15671	0.15023	0.03015	0.02983	3.95E-05	1.15E-06	1.22E-06	1.43E-06	1.36E-06	9.86E-08	9.74E-08	4.4822E-05
607825.82	4201188.83	14078.44207	0.19517	0.20388	0.16121	0.15478	0.03019	0.02987	3.92E-05	1.10E-06	1.16E-06	1.47E-06	1.41E-06	9.87E-08	9.75E-08	4.4564E-05
607825.82	4201205.35	13995.42069	0.1857	0.19395	0.16561	0.15926	0.03021	0.02989	3.90E-05	1.04E-06	1.11E-06	1.51E-06	1.45E-06	9.88E-08	9.76E-08	4.4304E-05
607825.82	4201221.87	13910.31434	0.17676	0.18457	0.16995	0.16366	0.03023	0.0299	3.88E-05	9.94E-07	1.05E-06	1.55E-06	1.49E-06	9.89E-08	9.76E-08	4.4042E-05
607825.82	4201238.39	13822.16974	0.16833	0.17572	0.17423	0.168	0.03024	0.0299	3.85E-05	9.47E-07	1.00E-06	1.59E-06	1.53E-06	9.89E-08	9.76E-08	4.3777E-05
607849.31	4201172.31	13756.89625	0.19737	0.20557	0.14763	0.14181	0.02957	0.02927	3.83E-05	1.11E-06	1.17E-06	1.35E-06	1.29E-06	9.67E-08	9.55E-08	4.3444E-05
607849.31	4201188.83	13679.45411	0.188	0.1958	0.1518	0.14602	0.02961	0.02929	3.81E-05	1.06E-06	1.12E-06	1.38E-06	1.33E-06	9.68E-08	9.56E-08	4.3196E-05
607849.31	4201205.35	13598.88557	0.17915	0.18656	0.15589	0.15015	0.02963	0.02931	3.79E-05	1.01E-06	1.06E-06	1.42E-06	1.36E-06	9.69E-08	9.57E-08	4.2944E-05
607849.31	4201221.87	13517.56816	0.1708	0.17783	0.15992	0.15423	0.02964	0.02931	3.77E-05	9.61E-07	1.01E-06	1.46E-06	1.40E-06	9.69E-08	9.57E-08	4.2695E-05
607849.31	4201238.39	13434.68297	0.16291	0.16958	0.16389	0.15824	0.02964	0.02931	3.74E-05	9.16E-07	9.66E-07	1.49E-06	1.44E-06	9.69E-08	9.57E-08	4.2445E-05
607872.8	4201172.31	13373.67244	0.19005	0.1974	0.1395	0.13425	0.02902	0.02872	3.73E-05	1.07E-06	1.12E-06	1.27E-06	1.22E-06	9.49E-08	9.37E-08	4.2142E-05
607872.8	4201188.83	13299.07591	0.1813	0.18831	0.14336	0.13815	0.02904	0.02874	3.71E-05	1.02E-06	1.07E-06	1.31E-06	1.25E-06	9.50E-08	9.38E-08	4.1904E-05
607872.8	4201205.35	13222.20434	0.17302	0.17969	0.14716	0.14198	0.02906	0.02875	3.68E-05	9.73E-07	1.02E-06	1.34E-06	1.29E-06	9.50E-08	9.38E-08	4.1664E-05
607872.8	4201221.87	13143.82991	0.16519	0.17154	0.1509	0.14576	0.02907	0.02875	3.66E-05	9.29E-07	9.77E-07	1.38E-06	1.32E-06	9.51E-08	9.38E-08	4.1423E-05
607872.8	4201238.39	13063.68998	0.15778	0.16382	0.15458	0.14948	0.02906	0.02874	3.64E-05	8.87E-07	9.33E-07	1.41E-06	1.36E-06	9.50E-08	9.38E-08	4.1181E-05
608186.19	4200763.95	10298.01486	0.25081	0.25428	0.03696	0.03562	0.02117	0.02108	2.87E-05	1.41E-06	1.45E-06	3.37E-07	3.24E-07	6.92E-08	6.88E-08	3.2355E-05
608186.19	4200771.55	10297.8093	0.24763	0.25111	0.0377	0.03634	0.02124	0.02115	2.87E-05	1.39E-06	1.43E-06	3.44E-07	3.30E-07	6.95E-08	6.90E-08	3.2332E-05
608186.19	4200756.35	10297.13766	0.254	0.25746	0.03623	0.03491	0.02109	0.02101	2.87E-05	1.43E-06	1.47E-06	3.30E-07	3.17E-07	6.90E-08	6.86E-08	3.2375E-05
608186.19	4200779.15	10296.56561	0.24446	0.24794	0.03845	0.03706	0.02131	0.02122	2.87E-05	1.37E-06	1.41E-06	3.51E-07	3.37E-07	6.97E-08	6.93E-08	3.2307E-05
608186.19	4200748.75	10295.29699	0.25719	0.26065	0.0355	0.03421	0.02102	0.02094	2.87E-05	1.45E-06	1.49E-06	3.24E-07	3.11E-07	6.87E-08	6.83E-08	3.2393E-05
608186.19	4200786.75	10294.30803	0.24131	0.2448	0.0392	0.03779	0.02138	0.02129	2.87E-05	1.36E-06	1.39E-06	3.58E-07	3.43E-07	6.99E-08	6.95E-08	3.2279E-05
608186.19	4200741.15	10292.55982	0.2604	0.26385	0.03479	0.03351	0.02094	0.02086	2.87E-05	1.46E-06	1.50E-06	3.17E-07	3.04E-07	6.85E-08	6.81E-08	3.2408E-05
608186.19	4200794.35	10291.44769	0.23818	0.24167	0.03996	0.03853	0.02145	0.02135	2.87E-05	1.34E-06	1.38E-06	3.64E-07	3.50E-07	7.01E-08	6.97E-08	3.2250E-05
608186.19	4200733.55	10289.19836	0.26362	0.26706	0.03408	0.03283	0.02086	0.02079	2.87E-05	1.48E-06	1.52E-06	3.11E-07	2.98E-07	6.82E-08	6.79E-08	3.2422E-05
608186.19	4200801.95	10288.06323	0.23508	0.23856	0.04072	0.03928	0.02152	0.02142	2.87E-05	1.32E-06	1.36E-06	3.71E-07	3.57E-07	7.04E-08	6.99E-08	3.2219E-05
608186.19	4200809.55	10283.70608	0.23199	0.23547	0.0415	0.04003	0.02159	0.02148	2.87E-05	1.30E-06	1.34E-06	3.79E-07	3.64E-07	7.06E-08	7.01E-08	3.2186E-05
608186.19	4200817.15	10278.54755	0.22892	0.2324	0.04227	0.04079	0.02165	0.02154	2.86E-05	1.29E-06	1.32E-06	3.86E-07	3.71E-07	7.08E-08	7.03E-08	3.2152E-05
608186.19	4200824.75	10272.5375	0.22588	0.22936	0.04306	0.04155	0.02171	0.0216	2.86E-05	1.27E-06	1.31E-06	3.93E-07	3.77E-07	7.10E-08	7.05E-08	3.2115E-05
608186.19	4200832.35	10265.80646	0.22286	0.22633	0.04384	0.04232	0.02177	0.02166	2.86E-05	1.25E-06	1.29E-06	4.00E-07	3.84E-07	7.12E-08	7.07E-08	3.2076E-05
608186.19	4200839.95	10258.30073	0.21987	0.22333	0.04463	0.0431	0.02183	0.02172	2.86E-05	1.24E-06	1.27E-06	4.07E-07	3.92E-07	7.14E-08	7.09E-08	3.2036E-05
608186.19	4200847.55	10250.15221	0.21691	0.22036	0.04542	0.04387	0.02189	0.02177	2.86E-05	1.22E-06	1.26E-06	4.14E-07	3.99E-07	7.16E-08	7.11E-08	3.1995E-05
608186.19	4200855.15	10241.39239	0.21397	0.21741	0.04622	0.04465	0.02195	0.02183	2.85E-05	1.20E-06	1.24E-06	4.22E-07	4.06E-07	7.18E-08	7.13E-08	3.1952E-05
608186.19	4200862.75	10231.93661	0.21106	0.21449	0.04702	0.04544	0.022	0.02188	2.85E-05	1.19E-06	1.22E-06	4.29E-07	4.13E-07	7.19E-08	7.14E-08	3.1907E-05
608186.19	4200870.35	10221.77485	0.20818	0.2116	0.04782	0.04623	0.02206	0.02193	2.85E-05	1.17E-06	1.21E-06	4.36E-07	4.20E-07	7.21E-08	7.16E-08	3.1861E-05
608193.06	4200763.95	10232.68089	0.24621	0.2496	0.03686	0.03553	0.02109	0.02101	2.85E-05	1.38E-06	1.42E-06	3.36E-07	3.23E-07	6.90E-08	6.86E-08	3.2118E-05
608193.06	4200771.55	10232.41306	0.24313	0.24653	0.03759	0.03624	0.02117	0.02108	2.85E-05	1.37E-06	1.40E-06	3.43E-07	3.29E-07	6.92E-08	6.88E-08	3.2096E-05
608193.06	4200756.35	10231.96322	0.2493	0.25269	0.03613	0.03483	0.02102	0.02094	2.85E-05	1.40E-06	1.44E-06	3.30E-07	3.16E-07	6.87E-08	6.83E-08	3.2138E-05
608193.06	4200779.15	10230.93516	0.24007	0.24347	0.03833	0.03696	0.02124	0.02114	2.85E-05	1.35E-06	1.39E-06	3.50E-07	3.36E-07	6.95E-08	6.90E-08	3.2071E-05
608193.06	4200748.75	10230.50302	0.2524	0.25578	0.03542	0.03414	0.02095	0.02087	2.85E-05	1.42E-06	1.46E-06	3.23E-07	3.10E-07	6.85E-08	6.81E-08	3.2156E-05
608193.06	4200786.75	10228.46484	0.23701	0.24041	0.03907	0.03768	0.02131	0.02121	2.85E-05	1.33E-06	1.37E-06	3.56E-07	3.42E-07	6.97E-08	6.92E-08	3.2044E-05
608193.06	4200741.15	10228.37438	0.25551	0.25888	0.03471	0.03345	0.02087	0.02079	2.85E-05	1.44E-06	1.47E-06	3.17E-07	3.04E-07	6.83E-08	6.79E-08	3.2172E-05
608193.06	4200794.35	10225.40097	0.23397	0.23738	0.03982	0.03841	0.02137	0.02128	2.85E-05	1.32E-06	1.35E-06	3.63E-07	3.49E-07	6.99E-08	6.95E-08	3.2015E-05
608193.06	4200733.55	10225.12288	0.25862	0.26198	0.03401	0.03278	0.02079	0.02072	2.85E-05	1.45E-06	1.49E-06	3.10E-07	2.98E-07	6.80E-08	6.76E-08	3.2185E-05
608193.06	4200801.95	10221.54231	0.23096	0.23436	0.04058	0.03915	0.02144	0.02134	2.85E-05	1.30E-06	1.34E-06	3.70E-07	3.56E-07	7.01E-08	6.97E-08	3.1984E-05
608193.06	4200809.55	10216.82479	0.22796	0.23136	0.04134	0.03989	0.02151	0.0214	2.85E-05	1.28E-06	1.32E-06	3.77E-07	3.62E-07	7.03E-08	6.99E-08	3.1951E-05
608193.06	4200817.15	10211.51012	0.22498	0.22838	0.0421	0.04064	0.02157	0.02146	2.85E-05	1.27E-06	1.30E-06	3.84E-07	3.69E-07	7.05E-08	7.00E-08	3.1916E-05
608193.06	4200824.75	10205.63818	0.22203	0.22543	0.04287	0.04139	0.02163	0.02152	2.84E-05	1.25E-06	1.28E-06	3.91E-07	3.76E-07	7.07E-08	7.02E-08	3.1881E-05
608193.06	4200832.35	10198.97522	0.2191	0.22249	0.04365	0.04215	0.02169	0.02158	2.84E-05	1.23E-06	1.27E-06	3.98E-07	3.83E-07	7.09E-08	7.04E-08	3.1843E-05
608193.06	4200839.95	10191.36756	0.21619	0.21958	0.04442	0.04291	0.02175	0.02163	2.84E-05	1.22E-06	1.25E-06	4.05E-07	3.90E-07	7.11E-08	7.06E-08	3.1803E-05
608193.06	4200847.55	10183.12196	0.21331	0.21669	0.04521	0.04368	0.02181	0.02169	2.84E-05	1.20E-06	1.23E-06	4.12E-07	3.97E-07	7.13E-08	7.08E-08	3.1762E-05
608193.06	4200855.15	10174.27359	0.21046	0.21382	0.04599	0.04445	0.02186	0.02174	2.84E-05	1.18E-06	1.22E-06	4.19E-07	4.04E-07	7.15E-08	7.10E-08	3.1720E-05
608193.06	4200862.75	10164.74382	0.20763	0.21098	0.04678	0.04522	0.02192	0.02179	2.83E-05	1.17E-06	1.20E-06	4.27E-07	4.11E-07	7.17E-08	7.11E-08	3.1676E-05
608193.06	4200870.35	10154.62802	0.20483	0.20817	0.04757	0.046	0.02197	0.02184	2.83E-05	1.15E-06	1.19E-06	4.34E-07	4.18E-07	7.18E-08	7.13E-08	3.1630E-05
608199.93	4200763.95	10168.16804	0.24174	0.24505	0.03676	0.03545	0.02102	0.02093	2.83E-05	1.36E-06	1.40E-06	3.35E-07	3.22E-07	6.87E-08	6.83E-08	3.1885E-05
608199.93	4200771.55	10167.65094	0.23875	0.24207	0.03748	0.03615	0.02109	0.021	2.83E-05	1.34E-06	1.38E-06	3.42E-07	3.28E-07	6.90E-08	6.85E-08	3.1863E-05
608199.93	4200756.35	10167.60016	0.24473	0.24804	0.03604	0.03476	0.02095	0.02086	2.83E-05	1.38E-06	1.41E-06	3.29E-07	3.16E-07	6.85E-08	6.81E-08	3.1904E-05
608199.93	4200748.75	10166.41283	0.24773	0.25103	0.03533	0.03407	0.02087	0.02079	2.83E-05	1.39E-06	1.43E-06	3.22E-07	3.09E-07	6.83E-08	6.79E-08	3.1922E-05
608199.93	4200779.15	10165.93868	0.23578	0.2391	0.03821	0.03685	0.02116	0.02107	2.83E-05	1.33E-06	1.36E-06	3.49E-07	3.35E-07	6.92E-08	6.88E-08	3.1839E-05
608199.93	4200741.15	10164.68701	0.25074	0.25403	0.03464	0.0334	0.0208	0.02072	2.83E-05	1.41E-06	1.45E-06	3.16E-07	3.03E-07	6.80E-08	6.76E-08	3.1938E-05
608199.93	4200786.75	10163.3566	0.23282	0.23614	0.03894	0.03757	0.02123	0.02113	2.83E-05	1.31E-06	1.35E-06	3.55E-07	3.41E-07	6.94E-08	6.90E-08	3.1811E-05
608199.93	4200733.55	10161.64036	0.25375	0.25703	0.03394	0.03273	0.02072	0.02065	2.83E-05	1.43E-06	1.46E-06	3.10E-07	2.97E-07	6.78E-08	6.74E-08	3.1951E-05
608199.93	4200794.35	10159.99893	0.22987	0.2332	0.03968	0.03829	0.0213	0.0212	2.83E-05	1.29E-06	1.33E-06	3.62E-07	3.48E-07	6.97E-08	6.92E-08	3.1783E-05
608199.93	4200801.95	10155.87366	0.22694	0.23027	0.04042	0.03902	0.02136	0.02126	2.83E-05	1.28E-06	1.31E-06	3.69E-07	3.54E-07	6.99E-08	6.94E-08	3.1752E-05
608199.93	4200809.55	10150.89496	0.22402	0.22735	0.04117	0.03975	0.02143	0.02132	2.83E-05	1.26E-06	1.30E-06	3.76E-07	3.61E-07	7.01E-08	6.96E-08	3.1719E-05
608199.93	4200817.15	10145.3305	0.22113	0.22446	0.04193	0.04049	0.02149	0.02138	2.83E-05	1.24E-06	1.28E-06	3.82E-07	3.68E-07	7.03E-08	6.98E-08	3.1684E-05
608199.93	4200824.75	10139.2251	0.21827	0.22159	0.04269	0.04123	0.02155	0.02144	2.83E-05	1.23E-06	1.26E-06	3.89E-07	3.75E-07	7.05E-08	7.00E-08	3.1649E-05
608199.93	4200832.35	10132.63287	0.21543	0.21874	0.04345	0.04198	0.02161	0.02149	2.82E-05	1.21E-06	1.25E-06	3.96E-07	3.81E-07	7.07E-08	7.01E-08	3.1613E-05
608199.93	4200839.95	10125.02443	0.2126	0.21591	0.04422	0.04273	0.02167	0.02155	2.82E-05	1.20E-06	1.23E-06	4.03E-07	3.88E-07	7.09E-08	7.03E-08	3.1574E-05
608199.93	4200847.55	10116.77672	0.2098	0.2131	0.04499	0.04348	0.02172	0.0216	2.82E-05	1.18E-06	1.21E-06	4.10E-07	3.95E-07	7.10E-08	7.05E-08	3.1533E-05
608199.93	4200855.15	10107.8406	0.20703	0.21031	0.04576	0.04424	0.02178	0.02165	2.82E-05	1.16E-06	1.20E-06	4.17E-07	4.02E-07	7.12E-08	7.07E-08	3.1491E-05
608199.93	4200862.75	10098.2432	0.20428	0.20755	0.04654	0.045	0.02183	0.0217	2.81E-05	1.15E-06	1.18E-06	4.25E-07	4.09E-07	7.14E-08	7.08E-08	3.1447E-05
608199.93	4200870.35	10088.08727	0.20155	0.20482	0.04732	0.04577	0.02188	0.02175	2.81E-05	1.13E-06	1.17E-06	4.32E-07	4.16E-07	7.16E-08	7.10E-08	3.1402E-05
608206.8	4200763.95	10104.0685	0.23737	0.24061	0.03665	0.03536	0.02095	0.02086	2.82E-05	1.33E-06	1.37E-06	3.34E-07	3.21E-07	6.85E-08	6.81E-08	3.1655E-05
608206.8	4200756.35	10103.84623	0.24027	0.24351	0.03595	0.03468	0.02088	0.02079	2.82E-05	1.35E-06	1.39E-06	3.28E-07	3.15E-07	6.83E-08	6.79E-08	3.1674E-05
608206.8	4200771.55	10103.41179	0.23448	0.23773	0.03737	0.03606	0.02102	0.02093	2.82E-05	1.32E-06	1.35E-06	3.41E-07	3.28E-07	6.87E-08	6.83E-08	3.1633E-05
608206.8	4200748.75	10103.11297	0.24318	0.24641	0.03525	0.034	0.0208	0.02072	2.82E-05	1.37E-06	1.40E-06	3.22E-07	3.09E-07	6.80E-08	6.76E-08	3.1692E-05
608206.8	4200741.15	10101.58364	0.2461	0.24932	0.03456	0.03333	0.02073	0.02065	2.81E-05	1.38E-06	1.42E-06	3.15E-07	3.03E-07	6.78E-08	6.74E-08	3.1707E-05
608206.8	4200779.15	10101.57181	0.2316	0.23485	0.03808	0.03676	0.02109	0.02099	2.81E-05	1.30E-06	1.34E-06	3.47E-07	3.34E-07	6.90E-08	6.85E-08	3.1609E-05
608206.8	4200786.75	10098.78515	0.22872	0.23197	0.03881	0.03746	0.02115	0.02106	2.81E-05	1.29E-06	1.32E-06	3.54E-07	3.40E-07	6.92E-08	6.87E-08	3.1582E-05
608206.8	4200733.55	10098.74153	0.24901	0.25222	0.03388	0.03267	0.02065	0.02058	2.81E-05	1.40E-06	1.44E-06	3.09E-07	2.97E-07	6.75E-08	6.72E-08	3.1720E-05
608206.8	4200794.35	10095.23848	0.22586	0.22912	0.03954	0.03817	0.02122	0.02112	2.81E-05	1.27E-06	1.31E-06	3.61E-07	3.47E-07	6.94E-08	6.89E-08	3.1553E-05
608206.8	4200801.95	10090.94707	0.22302	0.22627	0.04027	0.03889	0.02128	0.02118	2.81E-05	1.25E-06	1.29E-06	3.67E-07	3.53E-07	6.96E-08	6.91E-08	3.1523E-05
608206.8	4200809.55	10085.90073	0.22019	0.22344	0.04101	0.03961	0.02135	0.02124	2.81E-05	1.24E-06	1.27E-06	3.74E-07	3.60E-07	6.98E-08	6.93E-08	3.1490E-05
608206.8	4200817.15	10080.09564	0.21738	0.22063	0.04176	0.04034	0.02141	0.0213	2.81E-05	1.22E-06	1.26E-06	3.81E-07	3.66E-07	7.00E-08	6.95E-08	3.1456E-05
608206.8	4200824.75	10073.58113	0.21459	0.21784	0.04251	0.04107	0.02147	0.02136	2.81E-05	1.21E-06	1.24E-06	3.88E-07	3.73E-07	7.02E-08	6.97E-08	3.1420E-05
608206.8	4200832.35	10066.77765	0.21183	0.21507	0.04326	0.0418	0.02153	0.02141	2.81E-05	1.19E-06	1.23E-06	3.95E-07	3.80E-07	7.04E-08	6.99E-08	3.1384E-05
608206.8	4200839.95	10059.3514	0.20909	0.21232	0.04401	0.04254	0.02158	0.02147	2.80E-05	1.18E-06	1.21E-06	4.01E-07	3.86E-07	7.06E-08	7.01E-08	3.1346E-05
608206.8	4200847.55	10051.10951	0.20637	0.20959	0.04477	0.04329	0.02164	0.02152	2.80E-05	1.16E-06	1.19E-06	4.08E-07	3.93E-07	7.08E-08	7.02E-08	3.1306E-05
608206.8	4200855.15	10042.08941	0.20367	0.20688	0.04554	0.04404	0.02169	0.02157	2.80E-05	1.15E-06	1.18E-06	4.15E-07	4.00E-07	7.09E-08	7.04E-08	3.1265E-05
608206.8	4200862.75	10032.43127	0.201	0.2042	0.0463	0.04479	0.02175	0.02162	2.80E-05	1.13E-06	1.16E-06	4.22E-07	4.07E-07	7.11E-08	7.06E-08	3.1222E-05
608206.8	4200870.35	10022.2354	0.19835	0.20154	0.04707	0.04554	0.0218	0.02167	2.79E-05	1.12E-06	1.15E-06	4.29E-07	4.14E-07	7.13E-08	7.07E-08	3.1177E-05
608213.67	4200756.35	10040.69624	0.23593	0.23909	0.03585	0.0346	0.0208	0.02072	2.80E-05	1.33E-06	1.36E-06	3.27E-07	3.14E-07	6.80E-08	6.76E-08	3.1446E-05
608213.67	4200763.95	10040.47803	0.23312	0.23629	0.03655	0.03528	0.02087	0.02079	2.80E-05	1.31E-06	1.35E-06	3.33E-07	3.20E-07	6.83E-08	6.79E-08	3.1427E-05
608213.67	4200748.75	10040.30243	0.23875	0.24191	0.03516	0.03393	0.02073	0.02065	2.80E-05	1.34E-06	1.38E-06	3.21E-07	3.08E-07	6.78E-08	6.74E-08	3.1464E-05
608213.67	4200771.55	10039.59435	0.23032	0.23349	0.03725	0.03596	0.02094	0.02085	2.80E-05	1.30E-06	1.33E-06	3.40E-07	3.27E-07	6.85E-08	6.81E-08	3.1406E-05
608213.67	4200741.15	10039.15397	0.24158	0.24473	0.03448	0.03327	0.02066	0.02058	2.80E-05	1.36E-06	1.39E-06	3.15E-07	3.02E-07	6.76E-08	6.72E-08	3.1480E-05
608213.67	4200779.15	10037.63389	0.22752	0.23069	0.03796	0.03665	0.02101	0.02092	2.80E-05	1.28E-06	1.31E-06	3.46E-07	3.33E-07	6.87E-08	6.83E-08	3.1382E-05
608213.67	4200733.55	10036.51788	0.2444	0.24754	0.03381	0.03261	0.02058	0.02051	2.80E-05	1.37E-06	1.41E-06	3.08E-07	2.96E-07	6.73E-08	6.69E-08	3.1492E-05
608213.67	4200786.75	10034.74366	0.22473	0.22791	0.03868	0.03735	0.02108	0.02098	2.80E-05	1.26E-06	1.30E-06	3.53E-07	3.39E-07	6.89E-08	6.85E-08	3.1355E-05
608213.67	4200794.35	10031.10994	0.22196	0.22514	0.0394	0.03805	0.02114	0.02104	2.80E-05	1.25E-06	1.28E-06	3.59E-07	3.46E-07	6.91E-08	6.87E-08	3.1327E-05
608213.67	4200801.95	10026.65995	0.2192	0.22237	0.04012	0.03876	0.02121	0.0211	2.79E-05	1.23E-06	1.27E-06	3.66E-07	3.52E-07	6.94E-08	6.89E-08	3.1297E-05
608213.67	4200809.55	10021.45804	0.21645	0.21963	0.04085	0.03947	0.02127	0.02116	2.79E-05	1.22E-06	1.25E-06	3.73E-07	3.59E-07	6.96E-08	6.91E-08	3.1265E-05
608213.67	4200817.15	10015.50975	0.21372	0.2169	0.04159	0.04019	0.02133	0.02122	2.79E-05	1.20E-06	1.24E-06	3.79E-07	3.65E-07	6.98E-08	6.93E-08	3.1231E-05
608213.67	4200824.75	10008.87113	0.21101	0.21418	0.04232	0.04091	0.02139	0.02127	2.79E-05	1.19E-06	1.22E-06	3.86E-07	3.72E-07	7.00E-08	6.94E-08	3.1195E-05
608213.67	4200832.35	10001.6825	0.20832	0.21149	0.04307	0.04164	0.02144	0.02133	2.79E-05	1.17E-06	1.20E-06	3.93E-07	3.78E-07	7.01E-08	6.96E-08	3.1159E-05
608213.67	4200839.95	9994.25282	0.20566	0.20882	0.04381	0.04237	0.0215	0.02138	2.79E-05	1.16E-06	1.19E-06	4.00E-07	3.85E-07	7.03E-08	6.98E-08	3.1122E-05
608213.67	4200847.55	9986.10886	0.20302	0.20616	0.04456	0.0431	0.02156	0.02144	2.78E-05	1.14E-06	1.17E-06	4.06E-07	3.92E-07	7.05E-08	7.00E-08	3.1083E-05
608213.67	4200855.15	9977.00934	0.20039	0.20353	0.04531	0.04384	0.02161	0.02149	2.78E-05	1.13E-06	1.16E-06	4.13E-07	3.98E-07	7.07E-08	7.01E-08	3.1041E-05
608213.67	4200862.75	9967.29952	0.19779	0.20092	0.04606	0.04458	0.02166	0.02153	2.78E-05	1.11E-06	1.14E-06	4.20E-07	4.05E-07	7.08E-08	7.03E-08	3.0999E-05
608213.67	4200870.35	9957.0664	0.19521	0.19833	0.04682	0.04532	0.02171	0.02158	2.77E-05	1.10E-06	1.13E-06	4.27E-07	4.12E-07	7.10E-08	7.04E-08	3.0955E-05
608220.54	4200756.35	9978.22829	0.2317	0.23479	0.03576	0.03452	0.02073	0.02065	2.78E-05	1.30E-06	1.34E-06	3.26E-07	3.14E-07	6.78E-08	6.74E-08	3.1222E-05
608220.54	4200748.75	9978.17066	0.23444	0.23752	0.03508	0.03386	0.02066	0.02058	2.78E-05	1.32E-06	1.35E-06	3.20E-07	3.08E-07	6.76E-08	6.72E-08	3.1240E-05

608220.54	4200763.95	9977.58754	0.22897	0.23207	0.03645	0.03519	0.0208	0.02071	2.78E-05	1.29E-06	1.32E-06	3.32E-07	3.20E-07	6.80E-08	6.76E-08	3.1202E-05
608220.54	4200741.15	9977.19971	0.23718	0.24025	0.0344	0.0332	0.02059	0.02051	2.78E-05	1.33E-06	1.37E-06	3.14E-07	3.02E-07	6.73E-08	6.69E-08	3.1255E-05
608220.54	4200771.55	9976.29342	0.22625	0.22935	0.03714	0.03586	0.02087	0.02078	2.78E-05	1.27E-06	1.31E-06	3.39E-07	3.26E-07	6.83E-08	6.78E-08	3.1180E-05
608220.54	4200733.55	9974.86008	0.23991	0.24297	0.03373	0.03256	0.02052	0.02044	2.78E-05	1.35E-06	1.38E-06	3.08E-07	2.96E-07	6.71E-08	6.67E-08	3.1267E-05
608220.54	4200779.15	9974.02754	0.22354	0.22664	0.03784	0.03655	0.02094	0.02084	2.78E-05	1.26E-06	1.29E-06	3.45E-07	3.32E-07	6.85E-08	6.80E-08	3.1156E-05
608220.54	4200786.75	9971.03876	0.22083	0.22394	0.03854	0.03723	0.021	0.0209	2.78E-05	1.24E-06	1.28E-06	3.52E-07	3.38E-07	6.87E-08	6.82E-08	3.1130E-05
608220.54	4200794.35	9967.51608	0.21814	0.22125	0.03926	0.03793	0.02107	0.02097	2.78E-05	1.23E-06	1.26E-06	3.58E-07	3.45E-07	6.89E-08	6.84E-08	3.1103E-05
608220.54	4200801.95	9963.00226	0.21546	0.21857	0.03997	0.03863	0.02113	0.02103	2.78E-05	1.21E-06	1.25E-06	3.65E-07	3.51E-07	6.91E-08	6.86E-08	3.1074E-05
608220.54	4200809.55	9957.64719	0.2128	0.2159	0.04069	0.03933	0.02119	0.02108	2.77E-05	1.20E-06	1.23E-06	3.71E-07	3.57E-07	6.93E-08	6.88E-08	3.1042E-05
608220.54	4200817.15	9951.56365	0.21015	0.21325	0.04141	0.04004	0.02125	0.02114	2.77E-05	1.18E-06	1.22E-06	3.78E-07	3.64E-07	6.95E-08	6.90E-08	3.1008E-05
608220.54	4200824.75	9944.8049	0.20751	0.21061	0.04214	0.04075	0.02131	0.02119	2.77E-05	1.17E-06	1.20E-06	3.84E-07	3.70E-07	6.97E-08	6.92E-08	3.0973E-05
608220.54	4200832.35	9937.33522	0.2049	0.20799	0.04287	0.04147	0.02136	0.02125	2.77E-05	1.15E-06	1.19E-06	3.91E-07	3.77E-07	6.99E-08	6.94E-08	3.0936E-05
608220.54	4200839.95	9929.90306	0.20231	0.20539	0.04361	0.04219	0.02142	0.0213	2.77E-05	1.14E-06	1.17E-06	3.98E-07	3.83E-07	7.00E-08	6.95E-08	3.0900E-05
608220.54	4200847.55	9921.67599	0.19974	0.20281	0.04435	0.04291	0.02147	0.02135	2.76E-05	1.12E-06	1.16E-06	4.05E-07	3.90E-07	7.02E-08	6.97E-08	3.0861E-05
608220.54	4200855.15	9912.59234	0.19718	0.20025	0.04509	0.04364	0.02152	0.0214	2.76E-05	1.11E-06	1.14E-06	4.11E-07	3.96E-07	7.04E-08	6.99E-08	3.0821E-05
608220.54	4200862.75	9902.83882	0.19465	0.19771	0.04583	0.04437	0.02158	0.02145	2.76E-05	1.09E-06	1.13E-06	4.18E-07	4.03E-07	7.06E-08	7.00E-08	3.0779E-05
608220.54	4200870.35	9892.56778	0.19214	0.19519	0.04657	0.0451	0.02162	0.02149	2.76E-05	1.08E-06	1.11E-06	4.25E-07	4.10E-07	7.07E-08	7.01E-08	3.0735E-05
608227.41	4200748.75	9916.5257	0.23024	0.23325	0.03499	0.03379	0.02059	0.02051	2.76E-05	1.29E-06	1.33E-06	3.19E-07	3.07E-07	6.73E-08	6.69E-08	3.1018E-05
608227.41	4200756.35	9916.43999	0.22758	0.23061	0.03566	0.03444	0.02066	0.02057	2.76E-05	1.28E-06	1.31E-06	3.25E-07	3.13E-07	6.76E-08	6.71E-08	3.1000E-05
608227.41	4200741.15	9915.61979	0.23289	0.23589	0.03432	0.03314	0.02052	0.02044	2.76E-05	1.31E-06	1.34E-06	3.13E-07	3.01E-07	6.71E-08	6.67E-08	3.1033E-05
608227.41	4200763.95	9915.47858	0.22493	0.22796	0.03634	0.0351	0.02073	0.02064	2.76E-05	1.27E-06	1.30E-06	3.31E-07	3.19E-07	6.78E-08	6.74E-08	3.0980E-05
608227.41	4200771.55	9913.77987	0.22229	0.22532	0.03703	0.03577	0.02079	0.0207	2.76E-05	1.25E-06	1.28E-06	3.38E-07	3.25E-07	6.80E-08	6.76E-08	3.0959E-05
608227.41	4200733.55	9913.57135	0.23553	0.23853	0.03367	0.0325	0.02045	0.02037	2.76E-05	1.32E-06	1.36E-06	3.07E-07	2.95E-07	6.69E-08	6.65E-08	3.1045E-05
608227.41	4200779.15	9911.12061	0.21965	0.22269	0.03772	0.03644	0.02086	0.02077	2.76E-05	1.24E-06	1.27E-06	3.44E-07	3.31E-07	6.82E-08	6.78E-08	3.0934E-05
608227.41	4200786.75	9907.9481	0.21703	0.22007	0.03841	0.03712	0.02092	0.02083	2.76E-05	1.22E-06	1.25E-06	3.50E-07	3.37E-07	6.84E-08	6.80E-08	3.0908E-05
608227.41	4200794.35	9904.26188	0.21442	0.21746	0.03911	0.0378	0.02099	0.02089	2.76E-05	1.21E-06	1.24E-06	3.57E-07	3.43E-07	6.86E-08	6.82E-08	3.0882E-05
608227.41	4200801.95	9899.87094	0.21182	0.21486	0.03982	0.03849	0.02105	0.02095	2.76E-05	1.19E-06	1.22E-06	3.63E-07	3.50E-07	6.88E-08	6.84E-08	3.0853E-05
608227.41	4200809.55	9894.45831	0.20923	0.21227	0.04053	0.03919	0.02111	0.021	2.76E-05	1.18E-06	1.21E-06	3.70E-07	3.56E-07	6.90E-08	6.85E-08	3.0822E-05
608227.41	4200817.15	9888.25093	0.20665	0.20969	0.04124	0.03989	0.02117	0.02106	2.76E-05	1.16E-06	1.19E-06	3.76E-07	3.62E-07	6.92E-08	6.87E-08	3.0789E-05
608227.41	4200824.75	9881.3757	0.20409	0.20712	0.04196	0.04059	0.02123	0.02111	2.75E-05	1.15E-06	1.18E-06	3.83E-07	3.69E-07	6.94E-08	6.89E-08	3.0754E-05
608227.41	4200832.35	9873.90521	0.20155	0.20457	0.04268	0.0413	0.02128	0.02117	2.75E-05	1.13E-06	1.17E-06	3.89E-07	3.75E-07	6.96E-08	6.91E-08	3.0717E-05
608227.41	4200839.95	9866.10682	0.19903	0.20205	0.04341	0.04201	0.02134	0.02122	2.75E-05	1.12E-06	1.15E-06	3.96E-07	3.82E-07	6.98E-08	6.93E-08	3.0681E-05
608227.41	4200847.55	9857.80228	0.19653	0.19954	0.04413	0.04272	0.02139	0.02127	2.75E-05	1.11E-06	1.14E-06	4.03E-07	3.88E-07	7.00E-08	6.94E-08	3.0642E-05
608227.41	4200855.15	9848.83263	0.19405	0.19705	0.04486	0.04344	0.02144	0.02132	2.74E-05	1.09E-06	1.12E-06	4.09E-07	3.95E-07	7.01E-08	6.96E-08	3.0603E-05
608227.41	4200862.75	9839.03414	0.19159	0.19457	0.04559	0.04416	0.02149	0.02136	2.74E-05	1.08E-06	1.11E-06	4.16E-07	4.01E-07	7.03E-08	6.97E-08	3.0561E-05
608227.41	4200870.35	9828.72773	0.18914	0.19212	0.04633	0.04488	0.02154	0.02141	2.74E-05	1.06E-06	1.09E-06	4.23E-07	4.08E-07	7.04E-08	6.99E-08	3.0518E-05
608234.28	4200748.75	9855.17475	0.22613	0.22908	0.03491	0.03371	0.02052	0.02044	2.75E-05	1.27E-06	1.31E-06	3.18E-07	3.06E-07	6.71E-08	6.67E-08	3.0798E-05
608234.28	4200756.35	9854.95004	0.22356	0.22652	0.03557	0.03436	0.02059	0.0205	2.75E-05	1.26E-06	1.29E-06	3.24E-07	3.12E-07	6.73E-08	6.69E-08	3.0781E-05
608234.28	4200741.15	9854.41361	0.2287	0.23164	0.03425	0.03307	0.02045	0.02037	2.75E-05	1.29E-06	1.32E-06	3.12E-07	3.00E-07	6.69E-08	6.65E-08	3.0813E-05
608234.28	4200763.95	9853.95334	0.221	0.22396	0.03624	0.03501	0.02066	0.02057	2.75E-05	1.24E-06	1.28E-06	3.31E-07	3.18E-07	6.76E-08	6.71E-08	3.0762E-05
608234.28	4200771.55	9852.0447	0.21843	0.2214	0.03692	0.03567	0.02072	0.02063	2.75E-05	1.23E-06	1.26E-06	3.37E-07	3.24E-07	6.78E-08	6.73E-08	3.0740E-05
608234.28	4200779.15	9849.28431	0.21587	0.21884	0.0376	0.03633	0.02079	0.02069	2.74E-05	1.21E-06	1.25E-06	3.43E-07	3.30E-07	6.80E-08	6.75E-08	3.0716E-05
608234.28	4200786.75	9845.74882	0.21332	0.21629	0.03828	0.037	0.02085	0.02075	2.74E-05	1.20E-06	1.23E-06	3.49E-07	3.36E-07	6.82E-08	6.77E-08	3.0690E-05
608234.28	4200794.35	9841.62147	0.21078	0.21375	0.03898	0.03768	0.02091	0.02081	2.74E-05	1.19E-06	1.22E-06	3.56E-07	3.42E-07	6.84E-08	6.79E-08	3.0663E-05
608234.28	4200801.95	9837.35398	0.20826	0.21123	0.03967	0.03836	0.02097	0.02087	2.74E-05	1.17E-06	1.20E-06	3.62E-07	3.48E-07	6.86E-08	6.81E-08	3.0635E-05
608234.28	4200809.55	9831.8877	0.20575	0.20872	0.04037	0.03905	0.02103	0.02093	2.74E-05	1.16E-06	1.19E-06	3.68E-07	3.55E-07	6.88E-08	6.83E-08	3.0605E-05
608234.28	4200817.15	9825.65418	0.20324	0.20621	0.04108	0.03974	0.02109	0.02098	2.74E-05	1.14E-06	1.17E-06	3.75E-07	3.61E-07	6.90E-08	6.85E-08	3.0572E-05
608234.28	4200824.75	9818.58027	0.20075	0.20371	0.04178	0.04043	0.02115	0.02103	2.74E-05	1.13E-06	1.16E-06	3.81E-07	3.67E-07	6.92E-08	6.86E-08	3.0537E-05
608234.28	4200832.35	9811.01782	0.19828	0.20124	0.04249	0.04113	0.0212	0.02109	2.73E-05	1.12E-06	1.15E-06	3.88E-07	3.74E-07	6.93E-08	6.88E-08	3.0501E-05
608234.28	4200839.95	9802.86285	0.19583	0.19877	0.04321	0.04183	0.02125	0.02114	2.73E-05	1.10E-06	1.13E-06	3.94E-07	3.80E-07	6.95E-08	6.90E-08	3.0464E-05
608234.28	4200847.55	9794.39396	0.19339	0.19633	0.04392	0.04253	0.02131	0.02119	2.73E-05	1.09E-06	1.12E-06	4.01E-07	3.86E-07	6.97E-08	6.92E-08	3.0426E-05
608234.28	4200855.15	9785.54697	0.19098	0.19391	0.04464	0.04324	0.02136	0.02123	2.73E-05	1.07E-06	1.10E-06	4.07E-07	3.93E-07	6.99E-08	6.93E-08	3.0387E-05
608234.28	4200862.75	9775.88116	0.18858	0.1915	0.04536	0.04395	0.02141	0.02128	2.72E-05	1.06E-06	1.09E-06	4.14E-07	3.99E-07	7.00E-08	6.95E-08	3.0346E-05
608234.28	4200870.35	9765.62694	0.18621	0.18912	0.04608	0.04466	0.02145	0.02132	2.72E-05	1.05E-06	1.08E-06	4.20E-07	4.06E-07	7.01E-08	6.96E-08	3.0304E-05
608240.38	4200722.19	9795.95592	0.2313	0.23416	0.03258	0.03146	0.02021	0.02014	2.73E-05	1.30E-06	1.33E-06	2.97E-07	2.86E-07	6.61E-08	6.57E-08	3.0648E-05
608240.73	4200729.53	9795.29777	0.22868	0.23155	0.03319	0.03205	0.02028	0.0202	2.73E-05	1.29E-06	1.32E-06	3.03E-07	2.91E-07	6.63E-08	6.59E-08	3.0628E-05
608241.15	4200748.75	9794.2066	0.22213	0.22501	0.03482	0.03364	0.02045	0.02037	2.73E-05	1.25E-06	1.28E-06	3.18E-07	3.06E-07	6.69E-08	6.65E-08	3.0581E-05
608241.15	4200741.15	9793.86377	0.22462	0.2275	0.03417	0.033	0.02038	0.0203	2.73E-05	1.26E-06	1.30E-06	3.12E-07	3.00E-07	6.66E-08	6.63E-08	3.0596E-05
608241.15	4200756.35	9793.85438	0.21964	0.22253	0.03547	0.03427	0.02052	0.02043	2.73E-05	1.24E-06	1.27E-06	3.24E-07	3.11E-07	6.71E-08	6.67E-08	3.0564E-05
608241.15	4200763.95	9792.92109	0.21715	0.22005	0.03614	0.03492	0.02058	0.02049	2.73E-05	1.22E-06	1.25E-06	3.30E-07	3.17E-07	6.73E-08	6.69E-08	3.0546E-05
608241.15	4200771.55	9790.98439	0.21467	0.21757	0.0368	0.03557	0.02065	0.02056	2.73E-05	1.21E-06	1.24E-06	3.36E-07	3.23E-07	6.75E-08	6.71E-08	3.0524E-05
608241.15	4200779.15	9788.03634	0.21218	0.21509	0.03748	0.03623	0.02071	0.02062	2.73E-05	1.19E-06	1.23E-06	3.42E-07	3.29E-07	6.77E-08	6.73E-08	3.0501E-05
608241.15	4200786.75	9784.24173	0.20971	0.21261	0.03816	0.03689	0.02077	0.02068	2.73E-05	1.18E-06	1.21E-06	3.48E-07	3.35E-07	6.79E-08	6.75E-08	3.0475E-05
608241.15	4200794.35	9779.95779	0.20724	0.21014	0.03884	0.03756	0.02084	0.02074	2.73E-05	1.17E-06	1.20E-06	3.54E-07	3.41E-07	6.82E-08	6.77E-08	3.0448E-05
608241.15	4200801.95	9775.44615	0.20479	0.20769	0.03952	0.03823	0.0209	0.02079	2.72E-05	1.15E-06	1.18E-06	3.60E-07	3.47E-07	6.83E-08	6.79E-08	3.0420E-05
608241.15	4200809.55	9769.93472	0.20235	0.20525	0.04021	0.03891	0.02095	0.02085	2.72E-05	1.14E-06	1.17E-06	3.67E-07	3.53E-07	6.85E-08	6.81E-08	3.0390E-05
608241.15	4200817.15	9763.58126	0.19991	0.20281	0.04091	0.03959	0.02101	0.0209	2.72E-05	1.12E-06	1.16E-06	3.73E-07	3.60E-07	6.87E-08	6.82E-08	3.0357E-05
608241.15	4200824.75	9756.49987	0.19749	0.20039	0.0416	0.04027	0.02107	0.02095	2.72E-05	1.11E-06	1.14E-06	3.79E-07	3.66E-07	6.89E-08	6.84E-08	3.0323E-05
608241.15	4200832.35	9748.84897	0.19509	0.19798	0.0423	0.04096	0.02112	0.02101	2.72E-05	1.10E-06	1.13E-06	3.86E-07	3.72E-07	6.91E-08	6.86E-08	3.0287E-05
608241.15	4200839.95	9740.52227	0.1927	0.19558	0.04301	0.04165	0.02117	0.02106	2.71E-05	1.08E-06	1.11E-06	3.92E-07	3.78E-07	6.92E-08	6.87E-08	3.0250E-05
608241.15	4200847.55	9731.80331	0.19033	0.1932	0.04371	0.04234	0.02122	0.0211	2.71E-05	1.07E-06	1.10E-06	3.99E-07	3.85E-07	6.94E-08	6.89E-08	3.0212E-05
608241.15	4200855.15	9722.63601	0.18798	0.19084	0.04442	0.04304	0.02127	0.02115	2.71E-05	1.06E-06	1.09E-06	4.05E-07	3.91E-07	6.96E-08	6.90E-08	3.0173E-05
608241.15	4200862.75	9713.19416	0.18565	0.1885	0.04513	0.04374	0.02132	0.0212	2.71E-05	1.04E-06	1.07E-06	4.12E-07	3.97E-07	6.97E-08	6.92E-08	3.0133E-05
608241.15	4200870.35	9702.9918	0.18334	0.18618	0.04584	0.04444	0.02137	0.02124	2.70E-05	1.03E-06	1.06E-06	4.18E-07	4.04E-07	6.99E-08	6.93E-08	3.0092E-05
608248.02	4200741.15	9734.06265	0.22065	0.22346	0.03409	0.03293	0.02031	0.02023	2.71E-05	1.24E-06	1.27E-06	3.11E-07	2.99E-07	6.64E-08	6.60E-08	3.0382E-05
608248.02	4200748.75	9733.99057	0.21823	0.22105	0.03473	0.03356	0.02038	0.02029	2.71E-05	1.23E-06	1.26E-06	3.17E-07	3.05E-07	6.66E-08	6.62E-08	3.0367E-05
608248.02	4200756.35	9733.51166	0.21582	0.21864	0.03538	0.03419	0.02045	0.02036	2.71E-05	1.21E-06	1.25E-06	3.23E-07	3.11E-07	6.69E-08	6.65E-08	3.0350E-05
608248.02	4200763.95	9732.46144	0.21341	0.21624	0.03603	0.03483	0.02051	0.02042	2.71E-05	1.20E-06	1.23E-06	3.29E-07	3.16E-07	6.71E-08	6.67E-08	3.0332E-05
608248.02	4200771.55	9730.40949	0.21099	0.21383	0.03669	0.03547	0.02058	0.02048	2.71E-05	1.19E-06	1.22E-06	3.35E-07	3.22E-07	6.73E-08	6.68E-08	3.0311E-05
608248.02	4200779.15	9727.27865	0.20858	0.21142	0.03736	0.03612	0.02064	0.02054	2.71E-05	1.17E-06	1.20E-06	3.41E-07	3.28E-07	6.75E-08	6.70E-08	3.0288E-05
608248.02	4200786.75	9723.3231	0.20618	0.20902	0.03803	0.03678	0.0207	0.0206	2.71E-05	1.16E-06	1.19E-06	3.47E-07	3.34E-07	6.77E-08	6.72E-08	3.0262E-05
608248.02	4200794.35	9718.88971	0.20378	0.20662	0.0387	0.03743	0.02076	0.02066	2.71E-05	1.15E-06	1.18E-06	3.53E-07	3.40E-07	6.79E-08	6.74E-08	3.0235E-05
608248.02	4200801.95	9713.95736	0.20139	0.20423	0.03938	0.0381	0.02082	0.02072	2.71E-05	1.13E-06	1.16E-06	3.59E-07	3.46E-07	6.81E-08	6.76E-08	3.0207E-05
608248.02	4200809.55	9708.40852	0.19902	0.20186	0.04006	0.03877	0.02088	0.02077	2.71E-05	1.12E-06	1.15E-06	3.65E-07	3.52E-07	6.83E-08	6.78E-08	3.0177E-05
608248.02	4200817.15	9702.03578	0.19666	0.19949	0.04074	0.03944	0.02093	0.02082	2.70E-05	1.11E-06	1.14E-06	3.72E-07	3.58E-07	6.84E-08	6.80E-08	3.0145E-05
608248.02	4200824.75	9694.94784	0.1943	0.19714	0.04143	0.04011	0.02099	0.02088	2.70E-05	1.09E-06	1.12E-06	3.78E-07	3.64E-07	6.86E-08	6.82E-08	3.0112E-05
608248.02	4200832.35	9687.20866	0.19196	0.19479	0.04212	0.04079	0.02104	0.02093	2.70E-05	1.08E-06	1.11E-06	3.84E-07	3.71E-07	6.88E-08	6.83E-08	3.0076E-05
608248.02	4200839.95	9678.89537	0.18964	0.19246	0.04282	0.04147	0.02109	0.02097	2.70E-05	1.07E-06	1.10E-06	3.91E-07	3.77E-07	6.90E-08	6.84E-08	3.0040E-05
608248.02	4200847.55	9669.93162	0.18733	0.19014	0.04351	0.04216	0.02114	0.02102	2.69E-05	1.05E-06	1.08E-06	3.97E-07	3.83E-07	6.91E-08	6.86E-08	3.0001E-05
608248.02	4200855.15	9660.62788	0.18504	0.18784	0.04421	0.04284	0.02119	0.02107	2.69E-05	1.04E-06	1.07E-06	4.03E-07	3.89E-07	6.93E-08	6.88E-08	2.9962E-05
608248.02	4200862.75	9650.96944	0.18277	0.18556	0.04491	0.04353	0.02124	0.02111	2.69E-05	1.03E-06	1.06E-06	4.10E-07	3.95E-07	6.95E-08	6.89E-08	2.9923E-05
608248.02	4200870.35	9640.90475	0.18052	0.1833	0.0456	0.04422	0.02128	0.02116	2.69E-05	1.02E-06	1.04E-06	4.16E-07	4.02E-07	6.96E-08	6.91E-08	2.9882E-05
608248.07	4200730.93	9732.28118	0.22387	0.22667	0.03323	0.0321	0.02022	0.02014	2.71E-05	1.26E-06	1.29E-06	3.03E-07	2.92E-07	6.61E-08	6.57E-08	3.0398E-05
608248.42	4200723.59	9727.33295	0.22599	0.22877	0.03262	0.03151	0.02014	0.02007	2.71E-05	1.27E-06	1.30E-06	2.98E-07	2.86E-07	6.59E-08	6.55E-08	3.0396E-05
608254.89	4200741.15	9674.90155	0.21678	0.21953	0.034	0.03287	0.02024	0.02016	2.70E-05	1.22E-06	1.25E-06	3.10E-07	2.99E-07	6.62E-08	6.58E-08	3.0171E-05
608254.89	4200748.75	9674.60327	0.21443	0.21719	0.03464	0.03349	0.02031	0.02022	2.70E-05	1.21E-06	1.24E-06	3.16E-07	3.04E-07	6.64E-08	6.60E-08	3.0156E-05
608254.89	4200756.35	9673.82029	0.21209	0.21485	0.03528	0.03411	0.02037	0.02029	2.70E-05	1.19E-06	1.22E-06	3.22E-07	3.10E-07	6.66E-08	6.62E-08	3.0139E-05
608254.89	4200763.95	9672.47297	0.20975	0.21252	0.03593	0.03474	0.02044	0.02035	2.70E-05	1.18E-06	1.21E-06	3.28E-07	3.16E-07	6.68E-08	6.64E-08	3.0121E-05
608254.89	4200771.55	9670.31749	0.20741	0.21018	0.03658	0.03538	0.0205	0.02041	2.69E-05	1.17E-06	1.20E-06	3.34E-07	3.21E-07	6.70E-08	6.66E-08	3.0101E-05
608254.89	4200779.15	9667.09805	0.20507	0.20784	0.03724	0.03602	0.02057	0.02047	2.69E-05	1.15E-06	1.18E-06	3.40E-07	3.27E-07	6.73E-08	6.68E-08	3.0077E-05
608254.89	4200786.75	9663.07652	0.20273	0.20551	0.0379	0.03666	0.02063	0.02053	2.69E-05	1.14E-06	1.17E-06	3.46E-07	3.33E-07	6.75E-08	6.70E-08	3.0052E-05
608254.89	4200794.35	9658.41196	0.2004	0.20318	0.03856	0.03731	0.02068	0.02058	2.69E-05	1.13E-06	1.16E-06	3.52E-07	3.39E-07	6.76E-08	6.72E-08	3.0025E-05
608254.89	4200801.95	9653.06719	0.19808	0.20086	0.03923	0.03797	0.02074	0.02064	2.69E-05	1.11E-06	1.14E-06	3.58E-07	3.45E-07	6.78E-08	6.74E-08	2.9996E-05
608254.89	4200809.55	9647.39737	0.19577	0.19855	0.0399	0.03863	0.0208	0.02069	2.69E-05	1.10E-06	1.13E-06	3.64E-07	3.51E-07	6.80E-08	6.75E-08	2.9967E-05
608254.89	4200817.15	9641.00329	0.19347	0.19625	0.04058	0.03929	0.02085	0.02075	2.69E-05	1.09E-06	1.12E-06	3.70E-07	3.57E-07	6.82E-08	6.77E-08	2.9935E-05
608254.89	4200824.75	9634.00355	0.19119	0.19396	0.04126	0.03996	0.02091	0.0208	2.68E-05	1.08E-06	1.11E-06	3.76E-07	3.63E-07	6.84E-08	6.79E-08	2.9903E-05
608254.89	4200832.35	9626.18134	0.18891	0.19168	0.04194	0.04062	0.02096	0.02085	2.68E-05	1.06E-06	1.09E-06	3.83E-07	3.69E-07	6.85E-08	6.81E-08	2.9868E-05
608254.89	4200839.95	9617.79409	0.18665	0.18941	0.04262	0.0413	0.02101	0.02089	2.68E-05	1.05E-06	1.08E-06	3.89E-07	3.75E-07	6.87E-08	6.82E-08	2.9831E-05
608254.89	4200847.55	9608.85575	0.1844	0.18715	0.04331	0.04197	0.02106	0.02094	2.68E-05	1.04E-06	1.07E-06	3.95E-07	3.81E-07	6.89E-08	6.83E-08	2.9793E-05
608254.89	4200855.15	9599.33225	0.18217	0.18491	0.04399	0.04265	0.02111	0.02099	2.68E-05	1.02E-06	1.05E-06	4.01E-07	3.87E-07	6.90E-08	6.85E-08	2.9754E-05
608254.89	4200862.75	9589.46253	0.17996	0.18269	0.04468	0.04333	0.02115	0.02103	2.67E-05	1.01E-06	1.04E-06	4.08E-07	3.94E-07	6.92E-08	6.86E-08	2.9715E-05
608254.89	4200870.35	9579.36366	0.17777	0.18049	0.04537	0.04401	0.0212	0.02107	2.67E-05	1.00E-06	1.03E-06	4.14E-07	4.00E-07	6.93E-08	6.88E-08	2.9674E-05
608255.41	4200731.98	9669.59755	0.21931	0.22205	0.03324	0.03212	0.02015	0.02008	2.69E-05	1.23E-06	1.27E-06	3.03E-07	2.92E-07	6.59E-08	6.55E-08	3.0171E-05
608255.76	4200725.34	9665.05931	0.22115	0.22387	0.03269	0.03159	0.02009	0.02001	2.69E-05	1.24E-06	1.28E-06	2.98E-07	2.87E-07	6.57E-08	6.53E-08	3.0169E-05
608261.76	4200741.15	9616.28712	0.21301	0.2157	0.03392	0.0328	0.02017	0.02009	2.68E-05	1.20E-06	1.23E-06	3.09E-07	2.98E-07	6.60E-08	6.56E-08	2.9963E-05
608261.76	4200748.75	9615.85727	0.21073	0.21343	0.03455	0.03341	0.02024	0.02016	2.68E-05	1.19E-06	1.22E-06	3.15E-07	3.03E-07	6.62E-08	6.58E-08	2.9948E-05
608261.76	4200756.35	9614.68859	0.20845	0.21116	0.03518	0.03403	0.0203	0.02022	2.68E-05	1.17E-06	1.20E-06	3.21E-07	3.09E-07	6.64E-08	6.60E-08	2.9931E-05
608261.76	4200763.95	9612.95237	0.20618	0.20889	0.03582	0.03465	0.02037	0.02028	2.68E-05	1.16E-06	1.19E-06	3.27E-07	3.15E-07	6.66E-08	6.62E-08	2.9912E-05
608261.76	4200771.55	9610.70073	0.20391	0.20662	0.03647	0.03528	0.02043	0.02034	2.68E-05	1.15E-06	1.18E-06	3.33E-07	3.20E-07	6.68E-08	6.64E-08	2.9892E-05
608261.76	4200779.15	9607.40546	0.20163	0.20435	0.03711	0.03591	0.02049	0.0204	2.68E-05	1.13E-06	1.16E-06	3.38E-07	3.26E-07	6.70E-08	6.66E-08	2.9869E-05
608261.76	4200786.75	9603.31846	0.19937	0.20208	0.03777	0.03655	0.02055	0.02045	2.68E-05	1.12E-06	1.15E-06	3.45E-07	3.32E-07	6.72E-08	6.67E-08	2.9844E-05
608261.76	4200794.35	9598.51337	0.1971	0.19982	0.03842	0.03719	0.02061	0.02051	2.67E-05	1.11E-06	1.14E-06	3.50E-07	3.38E-07	6.74E-08	6.69E-08	2.9817E-05
608261.76	4200801.95	9592.94747	0.19484	0.19756	0.03908	0.03784	0.02067	0.02056	2.67E-05	1.10E-06	1.13E-06	3.56E-07	3.44E-07	6.76E-08	6.71E-08	2.9789E-05
608261.76	4200809.55	9586.98357	0.1926	0.19531	0.03975	0.03849	0.02072	0.02062	2.67E-05	1.08E-06	1.11E-06	3.63E-07	3.50E-07	6.78E-08	6.73E-08	2.9759E-05
608261.76	4200817.15	9580.47894	0.19036	0.19307	0.04041	0.03914	0.02078	0.02067	2.67E-05	1.07E-06	1.10E-06	3.69E-07	3.56E-07	6.80E-08	6.75E-08	2.9728E-05
608261.76	4200824.75	9573.5672	0.18814	0.19085	0.04108	0.0398	0.02083	0.02072	2.67E-05	1.06E-06	1.09E-06	3.75E-07	3.62E-07	6.81E-08	6.76E-08	2.9696E-05
608261.76	4200832.35	9565.75526	0.18593	0.18863	0.04175	0.04046	0.02088	0.02077	2.67E-05	1.05E-06	1.07E-06	3.81E-07	3.68E-07	6.83E-08	6.78E-08	2.9661E-05
608261.76	4200839.95	9557.30013	0.18373	0.18642	0.04243	0.04112	0.02093	0.02081	2.66E-05	1.03E-06	1.06E-06	3.87E-07	3.74E-07	6.84E-08	6.79E-08	2.9625E-05
608261.76	4200847.55	9548.30529	0.18154	0.18423	0.0431	0.04179	0.02098	0.02086	2.66E-05	1.02E-06	1.05E-06	3.93E-07	3.80E-07	6.86E-08	6.81E-08	2.9588E-05
608261.76	4200855.15	9538.82755	0.17937	0.18205	0.04378	0.04245	0.02103	0.0209	2.66E-05	1.01E-06	1.04E-06	3.99E-07	3.86E-07	6.88E-08	6.82E-08	2.9549E-05
608261.76	4200862.75	9528.7489	0.17721	0.17988	0.04446	0.04312	0.02107	0.02095	2.66E-05	9.97E-07	1.02E-06	4.06E-07	3.92E-07	6.89E-08	6.84E-08	2.9509E-05
608261.76	4200870.35	9518.45066	0.17507	0.17773	0.04514	0.0438	0.02112	0.02099	2.65E-05	9.85E-07	1.01E-06	4.12E-07	3.98E-07	6.91E-08	6.85E-08	2.9469E-05
608268.63	4200741.15	9557.74962	0.20932	0.21195	0.03384	0.03273	0.0201	0.02002	2.66E-05	1.18E-06	1.21E-06	3.09E-07	2.97E-07	6.57E-08	6.53E-08	2.9756E-05
608268.63	4200748.75	9557.28778	0.20711	0.20975	0.03446	0.03333	0.02017	0.02009	2.66E-05	1.16E-06	1.20E-06	3.14E-07	3.03E-07	6.60E-08	6.56E-08	2.9741E-05
608268.63	4200756.35	9556.10653	0.20491	0.20755	0.03508	0.03394	0.02023	0.02015	2.66E-05	1.15E-06	1.18E-06	3.20E-07	3.08E-07	6.62E-08	6.58E-08	2.9725E-05
608268.63	4200763.95	9554.07661	0.20269	0.20535	0.03572	0.03456	0.0203	0.02021	2.66E-05	1.14E-06	1.17E-06	3.26E-07	3.14E-07	6.64E-08	6.60E-08	2.9706E-05
608268.63	4200771.55	9551.82203	0.20049	0.20315	0.03635	0.03518	0.02036	0.02027	2.66E-05	1.13E-06	1.16E-06	3.32E-07	3.20E-07	6.66E-08	6.62E-08	2.9687E-05
608268.63	4200779.15	9548.367	0.19828	0.20094	0.03699	0.03581	0.02042	0.02032	2.66E-05	1.12E-06	1.14E-06	3.37E-07	3.25E-07	6.68E-08	6.63E-08	2.9664E-05
608268.63	4200786.75	9544.12785	0.19608	0.19874	0.03764	0.03644	0.02048	0.02038	2.66E-05	1.10E-06	1.13E-06	3.43E-07	3.31E-07	6.70E-08	6.65E-08	2.9639E-05
608268.63	4200794.35	9539.18592	0.19388	0.19654	0.03828	0.03707	0.02054	0.02043	2.66E-05	1.09E-06	1.12E-06	3.49E-07	3.37E-07	6.72E-08	6.67E-08	2.9612E-05
608268.63	4200801.95	9533.58359	0.19168	0.19434	0.03893	0.03771	0.02059	0.02049	2.66E-05	1.08E-06	1.11E-06	3.55E-07	3.43E-07	6.73E-08	6.69E-08	2.9584E-05
608268.63	4200809.55	9527.24443	0.1895	0.19215	0.03959	0.03835	0.02065	0.02054	2.65E-05	1.07E-06	1.09E-06	3.61E-07	3.48E-07	6.75E-08	6.70E-08	2.9554E-05
608268.63	4200817.15	9520.63652	0.18732	0.18998	0.04025	0.03899	0.0207	0.02059	2.65E-05	1.05E-06	1.08E-06	3.67E-07	3.54E-07	6.77E-08	6.72E-08	2.9523E-05
608268.63	4200824.75	9513.80838	0.18516	0.18781	0.04091	0.03964	0.02075	0.02064	2.65E-05	1.04E-06	1.07E-06	3.73E-07	3.60E-07	6.79E-08	6.74E-08	2.9492E-05
608268.63	4200832.35	9505.9267	0.18301	0.18565	0.04157	0.04029	0.0208	0.02069	2.65E-05	1.03E-06	1.06E-06	3.79E-07	3.66E-07	6.80E-08	6.75E-08	2.9458E-05
608268.63	4200839.95	9497.40682	0.18087	0.1835	0.04224	0.04095	0.02085	0.02073	2.65E-05	1.02E-06	1.05E-06	3.85E-07	3.72E-07	6.82E-08	6.77E-08	2.9422E-05
608268.63	4200847.55	9488.35892	0.17874	0.18137	0.0429	0.0416	0.0209	0.02078	2.64E-05	1.01E-06	1.03E-06	3.91E-07	3.78E-07	6.83E-08	6.78E-08	2.9385E-05
608268.63	4200855.15	9478.84143	0.17662	0.17924	0.04357	0.04226	0.02095	0.02082	2.64E-05	9.93E-07	1.02E-06	3.97E-07	3.84E-07	6.85E-08	6.80E-08	2.9347E-05
608268.63	4200862.75	9468.82005	0.17452	0.17713	0.04424	0.04292	0.02099	0.02086	2.64E-05	9.82E-07	1.01E-06	4.04E-07	3.90E-07	6.86E-08	6.81E-08	2.9307E-05
608268.63	4200870.35	9458.33222	0.17244	0.17504	0.04491	0.04358	0.02103	0.02091	2.64E-05	9.70E-07	9.97E-07	4.10E-07	3.96E-07	6.88E-08	6.83E-08	2.9267E-05
608275.5	4200733.55	9499.8282	0.20786	0.21043	0.03315	0.03206	0.01997	0.01989	2.65E-05	1.17E-06	1.20E-06	3.02E-07	2.91E-07	6.53E-08	6.49E-08	2.9565E-05
608275.5	4200741.15	9499.74887	0.20572	0.2083	0.03375	0.03266	0.02003	0.01995	2.65E-05	1.16E-06	1.19E-06	3.08E-07	2.97E-07	6.55E-08	6.51E-08	2.9551E-05
608275.5	4200748.75	9499.34432	0.20359	0.20617	0.03437	0.03325	0.0201	0.02002	2.65E-05	1.15E-06	1.17E-06	3.14E-07	3.02E-07	6.57E-08	6.53E-08	2.9538E-05
608275.5	4200756.35	9498.14991	0.20144	0.20403	0.03499	0.03386	0.02016	0.02008	2.65E-05	1.13E-06	1.16E-06	3.19E-07	3.08E-07	6.59E-08	6.55E-08	2.9522E-05
608275.5	4200763.95	9496.01753	0.1993	0.20189	0.03561	0.03447	0.02023	0.02014	2.65E-05	1.12E-06	1.15E-06	3.25E-07	3.13E-07	6.62E-08	6.57E-08	2.9503E-05
608275.5	4200771.55	9493.31636	0.19715	0.19975	0.03624	0.03508	0.02029	0.02019	2.65E-05	1.11E-06	1.14E-06	3.31E-07	3.19E-07	6.64E-08	6.59E-08	2.9483E-05
608275.5	4200779.15	9489.79778	0.19501	0.19761	0.03687	0.0357	0.02035	0.02025	2.64E-05	1.10E-06	1.13E-06	3.36E-07	3.24E-07	6.66E-08	6.61E-08	2.9461E-05
608275.5	4200786.75	9485.50151	0.19287	0.19547	0.03751	0.03632	0.0204	0.02031	2.64E-05	1.08E-06	1.11E-06	3.42E-07	3.30E-07	6.67E-08	6.63E-08	2.9436E-05
608275.5	4200794.35	9480.42712	0.19073	0.19333	0.03814	0.03695	0.02046	0.02036	2.64E-05	1.07E-06	1.10E-06	3.48E-07	3.36E-07	6.69E-08	6.65E-08	2.9410E-05
608275.5	4200801.95	9474.70312	0.1886	0.1912	0.03879	0.03758	0.02052	0.02041	2.64E-05	1.06E-06	1.09E-06	3.54E-07	3.41E-07	6.71E-08	6.66E-08	2.9382E-05
608275.5	4200809.55	9468.34571	0.18647	0.18907	0.03943	0.03821	0.02057	0.02046	2.64E-05	1.05E-06	1.08E-06	3.60E-07	3.47E-07	6.73E-08	6.68E-08	2.9352E-05
608275.5	4200817.15	9461.5538	0.18435	0.18695	0.04008	0.03885	0.02062	0.02051	2.64E-05	1.04E-06	1.07E-06	3.66E-07	3.53E-07	6.74E-08	6.69E-08	2.9321E-05
608275.5	4200824.75	9454.46179	0.18225	0.18484	0.04073	0.03949	0.02067	0.02056	2.63E-05	1.02E-06	1.05E-06	3.72E-07	3.59E-07	6.76E-08	6.71E-08	2.9289E-05
608275.5	4200832.35	9446.59858	0.18016	0.18274	0.04139	0.04013	0.02072	0.02061	2.63E-05	1.01E-06	1.04E-06	3.78E-07	3.65E-07	6.78E-08	6.73E-08	2.9256E-05
608275.5	4200839.95	9438.10845	0.17807	0.18065	0.04204	0.04078	0.02077	0.02066	2.63E-05	1.00E-06	1.03E-06	3.83E-07	3.70E-07	6.79E-08	6.74E-08	2.9221E-05
608275.5	4200847.55	9429.00972	0.176	0.17857	0.0427	0.04142	0.02082	0.0207	2.63E-05	9.90E-07	1.02E-06	3.89E-07	3.76E-07	6.81E-08	6.76E-08	2.9184E-05
608275.5	4200855.15	9419.45429	0.17394	0.1765	0.04336	0.04207	0.02086	0.02074	2.62E-05	9.78E-07	1.01E-06	3.96E-07	3.82E-07	6.82E-08	6.77E-08	2.9146E-05
608275.5	4200862.75	9409.40313	0.17189	0.17444	0.04402	0.04272	0.02091	0.02078	2.62E-05	9.67E-07	9.94E-07	4.02E-07	3.88E-07	6.84E-08	6.78E-08	2.9107E-05
608275.5	4200870.35	9398.90387	0.16986	0.1724	0.04468	0.04338	0.02095	0.02082	2.62E-05	9.55E-07	9.82E-07	4.08E-07	3.94E-07	6.85E-08	6.80E-08	2.9067E-05
608282.37	4200733.55	9443.10275	0.2043	0.20681	0.03307	0.032	0.0199	0.01982	2.63E-05	1.15E-06	1.18E-06	3.02E-07	2.91E-07	6.51E-08	6.47E-08	2.9364E-05
608282.37	4200741.15	9442.72408	0.20222	0.20474	0.03367	0.03258	0.01997	0.01988	2.63E-05	1.14E-06	1.17E-06	3.07E-07	2.96E-07	6.53E-08	6.49E-08	2.9351E-05
608282.37	4200748.75	9442.02756	0.20014	0.20267	0.03428	0.03318	0.02003	0.01995	2.63E-05	1.13E-06	1.15E-06	3.13E-07	3.01E-07	6.55E-08	6.51E-08	2.9337E-05
608282.37	4200756.35	9440.63584	0.19806	0.2006	0.03489	0.03377	0.02009	0.02001	2.63E-05	1.11E-06	1.14E-06	3.18E-07	3.07E-07	6.57E-08	6.53E-08	2.9321E-05
608282.37	4200763.95	9438.32018	0.19598	0.19852	0.0355	0.03437	0.02015	0.02006	2.63E-05	1.10E-06	1.13E-06	3.24E-07	3.12E-07	6.59E-08	6.55E-08	2.9302E-05
608282.37	4200771.55	9435.19048	0.19389	0.19644	0.03612	0.03498	0.02021	0.02012	2.63E-05	1.09E-06	1.12E-06	3.29E-07	3.18E-07	6.61E-08	6.57E-08	2.9281E-05
608282.37	4200779.15	9431.60128	0.19181	0.19436	0.03675	0.03559	0.02027	0.02018	2.63E-05	1.08E-06	1.11E-06	3.35E-07	3.23E-07	6.63E-08	6.59E-08	2.9259E-05
608282.37	4200786.75	9427.34066	0.18973	0.19228	0.03738	0.03621	0.02033	0.02023	2.63E-05	1.07E-06	1.10E-06	3.41E-07	3.29E-07	6.65E-08	6.60E-08	2.9236E-05
608282.37	4200794.35	9422.31531	0.18766	0.1902	0.03801	0.03682	0.02039	0.02029	2.63E-05	1.06E-06	1.08E-06	3.47E-07	3.34E-07	6.67E-08	6.62E-08	2.9210E-05
608282.37	4200801.95	9416.4767	0.18558	0.18813	0.03864	0.03745	0.02044	0.02034	2.62E-05	1.04E-06	1.07E-06	3.52E-07	3.40E-07	6.68E-08	6.64E-08	2.9182E-05
608282.37	4200809.55	9409.92988	0.18351	0.18605	0.03928	0.03807	0.02049	0.02039	2.62E-05	1.03E-06	1.06E-06	3.58E-07	3.46E-07	6.70E-08	6.66E-08	2.9152E-05
608282.37	4200817.15	9402.95744	0.18145	0.18399	0.03992	0.0387	0.02055	0.02044	2.62E-05	1.02E-06	1.05E-06	3.64E-07	3.52E-07	6.72E-08	6.67E-08	2.9121E-05
608282.37	4200824.75	9395.44062	0.1794	0.18194	0.04056	0.03933	0.0206	0.02048	2.62E-05	1.01E-06	1.04E-06	3.70E-07	3.57E-07	6.74E-08	6.68E-08	2.9089E-05
608282.37	4200832.35	9387.85863	0.17736	0.1799	0.04121	0.03997	0.02065	0.02053	2.62E-05	9.97E-07	1.02E-06	3.76E-07	3.63E-07	6.75E-08	6.70E-08	2.9057E-05
608282.37	4200839.95	9379.39252	0.17534	0.17786	0.04185	0.0406	0.02069	0.02058	2.61E-05	9.86E-07	1.01E-06	3.82E-07	3.69E-07	6.77E-08	6.72E-08	2.9022E-05
608282.37	4200847.55	9370.24971	0.17332	0.17583	0.0425	0.04124	0.02074	0.02062	2.61E-05	9.75E-07	1.00E-06	3.88E-07	3.75E-07	6.78E-08	6.73E-08	2.8986E-05
608282.37	4200855.15	9360.65723	0.17131	0.17382	0.04315	0.04188	0.02078	0.02066	2.61E-05	9.63E-07	9.90E-07	3.94E-07	3.80E-07	6.80E-08	6.74E-08	2.8948E-05
608282.37	4200862.75	9350.58327	0.16932	0.17181	0.0438	0.04253	0.02083	0.0207	2.61E-05	9.52E-07	9.79E-07	4.00E-07	3.86E-07	6.81E-08	6.76E-08	2.8910E-05
608282.37	4200870.35	9340.07314	0.16734	0.16982	0.04445	0.04317	0.02087	0.02074	2.60E-05	9.41E-07	9.68E-07	4.05E-07	3.92E-07	6.83E-08	6.77E-08	2.8870E-05
608289.24	4200733.55	9387.07089	0.20082	0.20328	0.03299	0.03193	0.01984	0.01976	2.62E-05	1.13E-06	1.16E-06	3.01E-07	2.90E-07	6.49E-08	6.45E-08	2.9167E-05
608289.24	4200741.15	9386.39451	0.1988	0.20127	0.03359	0.03251	0.0199	0.01982	2.62E-05	1.12E-06	1.15E-06	3.06E-07	2.95E-07	6.51E-08	6.47E-08	2.9153E-05
608289.24	4200748.75	9385.23675	0.19678	0.19926	0.03419	0.0331	0.01996	0.01988	2.62E-05	1.11E-06	1.14E-06	3.12E-07	3.01E-07	6.53E-08	6.49E-08	2.9138E-05
608289.24	4200756.35	9383.47253	0.19476	0.19724	0.03479	0.03369	0.02002	0.01994	2.61E-05	1.10E-06	1.12E-06	3.17E-07	3.06E-07	6.55E-08	6.51E-08	2.9122E-05
608289.24	4200763.95	9381.16006	0.19274	0.19523	0.0354	0.03428	0.02008	0.01999	2.61E-05	1.08E-06	1.11E-06	3.23E-07	3.11E-07	6.57E-08	6.52E-08	2.9104E-05
608289.24	4200771.55	9377.87356	0.19071	0.1932	0.03601	0.03488	0.02014	0.02005	2.61E-05	1.07E-06	1.10E-06	3.28E-07	3.17E-07	6.59E-08	6.54E-08	2.9083E-05
608289.24	4200779.15	9373.95147	0.18869	0.19118	0.03662	0.03548	0.0202	0.02011	2.61E-05	1.06E-06	1.09E-06	3.34E-07	3.22E-07	6.61E-08	6.56E-08	2.9060E-05
608289.24	4200786.75	9369.46769	0.18666	0.18916	0.03724	0.03609	0.02026	0.02016	2.61E-05	1.05E-06	1.08E-06	3.40E-07	3.28E-07	6.63E-08	6.58E-08	2.9037E-05

608289.24	4200794.35	9364.58316	0.18465	0.18714	0.03787	0.0367	0.02031	0.02021	2.61E-05	1.04E-06	1.07E-06	3.45E-07	3.33E-07	6.64E-08	6.60E-08	2.901ZE-05
608289.24	4200801.95	9358.64065	0.18263	0.18512	0.03849	0.03732	0.02037	0.02026	2.61E-05	1.03E-06	1.05E-06	3.51E-07	3.39E-07	6.66E-08	6.61E-08	2.898AE-05
608289.24	4200809.55	9352.16178	0.18062	0.18311	0.03912	0.03793	0.02042	0.02031	2.61E-05	1.02E-06	1.04E-06	3.57E-07	3.45E-07	6.68E-08	6.63E-08	2.895SE-05
608289.24	4200817.15	9344.93118	0.17861	0.1811	0.03975	0.03855	0.02047	0.02036	2.60E-05	1.00E-06	1.03E-06	3.63E-07	3.50E-07	6.69E-08	6.65E-08	2.892AE-05
608289.24	4200824.75	9337.25631	0.17661	0.1791	0.04039	0.03918	0.02052	0.02041	2.60E-05	9.93E-07	1.02E-06	3.68E-07	3.56E-07	6.71E-08	6.66E-08	2.889JE-05
608289.24	4200832.35	9329.69387	0.17463	0.17711	0.04103	0.03981	0.02057	0.02045	2.60E-05	9.82E-07	1.01E-06	3.74E-07	3.62E-07	6.73E-08	6.67E-08	2.886GE-05
608289.24	4200839.95	9321.25436	0.17266	0.17513	0.04166	0.04043	0.02061	0.0205	2.60E-05	9.71E-07	9.98E-07	3.80E-07	3.67E-07	6.74E-08	6.69E-08	2.882GE-05
608289.24	4200847.55	9312.15362	0.17069	0.17316	0.0423	0.04106	0.02066	0.02054	2.59E-05	9.60E-07	9.87E-07	3.86E-07	3.73E-07	6.76E-08	6.70E-08	2.879OE-05
608289.24	4200855.15	9302.44336	0.16874	0.17119	0.04294	0.0417	0.0207	0.02058	2.59E-05	9.49E-07	9.75E-07	3.92E-07	3.79E-07	6.77E-08	6.72E-08	2.875ZE-05
608289.24	4200862.75	9292.35001	0.16679	0.16924	0.04359	0.04233	0.02075	0.02062	2.59E-05	9.38E-07	9.64E-07	3.98E-07	3.85E-07	6.79E-08	6.73E-08	2.871AE-05
608289.24	4200870.35	9281.82957	0.16487	0.1673	0.04423	0.04296	0.02079	0.02066	2.59E-05	9.27E-07	9.53E-07	4.03E-07	3.90E-07	6.80E-08	6.74E-08	2.867SE-05
608296.11	4200733.55	9331.36512	0.19743	0.19983	0.03292	0.03187	0.01977	0.01969	2.60E-05	1.11E-06	1.14E-06	3.00E-07	2.90E-07	6.47E-08	6.43E-08	2.897TE-05
608296.11	4200741.15	9330.65876	0.19547	0.19789	0.0335	0.03244	0.01983	0.01975	2.60E-05	1.10E-06	1.13E-06	3.06E-07	2.95E-07	6.49E-08	6.45E-08	2.895BE-05
608296.11	4200748.75	9329.13449	0.19351	0.19593	0.03409	0.03302	0.01989	0.01981	2.60E-05	1.09E-06	1.12E-06	3.11E-07	3.00E-07	6.50E-08	6.47E-08	2.894ZE-05
608296.11	4200756.35	9327.0985	0.19154	0.19397	0.03469	0.0336	0.01995	0.01987	2.60E-05	1.08E-06	1.11E-06	3.16E-07	3.05E-07	6.52E-08	6.49E-08	2.892KE-05
608296.11	4200763.95	9324.35747	0.18957	0.19201	0.03529	0.03419	0.02001	0.01992	2.60E-05	1.07E-06	1.09E-06	3.22E-07	3.11E-07	6.54E-08	6.50E-08	2.890TE-05
608296.11	4200771.55	9321.0897	0.18761	0.19004	0.0359	0.03478	0.02007	0.01998	2.60E-05	1.06E-06	1.08E-06	3.27E-07	3.16E-07	6.56E-08	6.52E-08	2.888TE-05
608296.11	4200779.15	9316.9288	0.18564	0.18807	0.0365	0.03538	0.02013	0.02003	2.60E-05	1.04E-06	1.07E-06	3.33E-07	3.21E-07	6.58E-08	6.54E-08	2.886AE-05
608296.11	4200786.75	9312.23253	0.18367	0.18611	0.03712	0.03598	0.02018	0.02009	2.59E-05	1.03E-06	1.06E-06	3.39E-07	3.27E-07	6.60E-08	6.56E-08	2.884OE-05
608296.11	4200794.35	9307.1439	0.18171	0.18415	0.03773	0.03658	0.02024	0.02014	2.59E-05	1.02E-06	1.05E-06	3.44E-07	3.32E-07	6.62E-08	6.57E-08	2.881SE-05
608296.11	4200801.95	9301.18365	0.17974	0.18218	0.03835	0.03719	0.02029	0.02019	2.59E-05	1.01E-06	1.04E-06	3.50E-07	3.38E-07	6.64E-08	6.59E-08	2.878BE-05
608296.11	4200809.55	9294.69519	0.17779	0.18022	0.03897	0.0378	0.02034	0.02024	2.59E-05	1.00E-06	1.03E-06	3.55E-07	3.43E-07	6.65E-08	6.61E-08	2.875IE-05
608296.11	4200817.15	9287.54872	0.17584	0.17827	0.03959	0.03841	0.02039	0.02028	2.59E-05	9.89E-07	1.02E-06	3.61E-07	3.49E-07	6.67E-08	6.62E-08	2.872IE-05
608296.11	4200824.75	9279.8082	0.17388	0.17632	0.04022	0.03902	0.02044	0.02033	2.59E-05	9.78E-07	1.00E-06	3.67E-07	3.54E-07	6.68E-08	6.64E-08	2.869TE-05
608296.11	4200832.35	9272.01242	0.17196	0.17439	0.04085	0.03964	0.02049	0.02038	2.58E-05	9.67E-07	9.94E-07	3.73E-07	3.60E-07	6.70E-08	6.65E-08	2.866SE-05
608296.11	4200839.95	9263.60093	0.17004	0.17246	0.04148	0.04026	0.02054	0.02042	2.58E-05	9.56E-07	9.83E-07	3.78E-07	3.66E-07	6.72E-08	6.67E-08	2.863JE-05
608296.11	4200847.55	9254.54912	0.16813	0.17054	0.04211	0.04089	0.02058	0.02046	2.58E-05	9.46E-07	9.72E-07	3.84E-07	3.71E-07	6.73E-08	6.68E-08	2.859KE-05
608296.11	4200855.15	9244.88861	0.16622	0.16862	0.04274	0.04151	0.02062	0.0205	2.58E-05	9.35E-07	9.61E-07	3.90E-07	3.77E-07	6.74E-08	6.69E-08	2.855IE-05
608296.11	4200862.75	9234.77797	0.16433	0.16672	0.04337	0.04213	0.02067	0.02054	2.57E-05	9.24E-07	9.50E-07	3.96E-07	3.83E-07	6.76E-08	6.70E-08	2.852JE-05
608296.11	4200870.35	9224.24828	0.16245	0.16483	0.04401	0.04276	0.02071	0.02058	2.57E-05	9.14E-07	9.39E-07	4.01E-07	3.88E-07	6.77E-08	6.72E-08	2.848JE-05
608302.98	4200733.55	9275.89636	0.19411	0.19647	0.03284	0.0318	0.0197	0.01962	2.58E-05	1.09E-06	1.12E-06	3.00E-07	2.89E-07	6.44E-08	6.40E-08	2.877TE-05
608302.98	4200741.15	9275.2537	0.19221	0.19458	0.03342	0.03237	0.01977	0.01968	2.58E-05	1.08E-06	1.11E-06	3.05E-07	2.94E-07	6.47E-08	6.42E-08	2.876AE-05
608302.98	4200748.75	9273.80375	0.19031	0.19268	0.034	0.03294	0.01983	0.01974	2.58E-05	1.07E-06	1.10E-06	3.10E-07	2.99E-07	6.49E-08	6.44E-08	2.875OE-05
608302.98	4200756.35	9271.41182	0.1884	0.19078	0.03459	0.03351	0.01989	0.0198	2.58E-05	1.06E-06	1.09E-06	3.16E-07	3.04E-07	6.50E-08	6.46E-08	2.873ZE-05
608302.98	4200763.95	9268.25382	0.18648	0.18886	0.03518	0.03409	0.01994	0.01985	2.58E-05	1.05E-06	1.08E-06	3.21E-07	3.10E-07	6.52E-08	6.48E-08	2.871SE-05
608302.98	4200771.55	9264.83184	0.18457	0.18696	0.03578	0.03468	0.02	0.01991	2.58E-05	1.04E-06	1.07E-06	3.26E-07	3.15E-07	6.54E-08	6.50E-08	2.869JE-05
608302.98	4200779.15	9260.6114	0.18266	0.18504	0.03638	0.03527	0.02006	0.01996	2.58E-05	1.03E-06	1.05E-06	3.32E-07	3.20E-07	6.56E-08	6.52E-08	2.867IE-05
608302.98	4200786.75	9255.7116	0.18074	0.18313	0.03699	0.03586	0.02011	0.02001	2.58E-05	1.02E-06	1.04E-06	3.37E-07	3.26E-07	6.58E-08	6.53E-08	2.864TE-05
608302.98	4200794.35	9250.25108	0.17883	0.18122	0.03759	0.03646	0.02017	0.02006	2.58E-05	1.01E-06	1.03E-06	3.43E-07	3.31E-07	6.60E-08	6.55E-08	2.862IE-05
608302.98	4200801.95	9244.10465	0.17692	0.17931	0.0382	0.03706	0.02022	0.02011	2.58E-05	9.95E-07	1.02E-06	3.48E-07	3.37E-07	6.61E-08	6.56E-08	2.859AE-05
608302.98	4200809.55	9237.69409	0.17502	0.1774	0.03882	0.03766	0.02027	0.02016	2.57E-05	9.84E-07	1.01E-06	3.54E-07	3.42E-07	6.63E-08	6.58E-08	2.856GE-05
608302.98	4200817.15	9230.63656	0.17312	0.1755	0.03943	0.03826	0.02032	0.02021	2.57E-05	9.74E-07	1.00E-06	3.60E-07	3.48E-07	6.65E-08	6.60E-08	2.853KE-05
608302.98	4200824.75	9223.00277	0.17123	0.17361	0.04005	0.03887	0.02037	0.02025	2.57E-05	9.63E-07	9.89E-07	3.65E-07	3.53E-07	6.66E-08	6.61E-08	2.850SE-05
608302.98	4200832.35	9214.80991	0.16935	0.17172	0.04067	0.03948	0.02041	0.0203	2.57E-05	9.52E-07	9.78E-07	3.71E-07	3.59E-07	6.67E-08	6.63E-08	2.847ZE-05
608302.98	4200839.95	9206.94126	0.16747	0.16984	0.04129	0.04009	0.02046	0.02034	2.57E-05	9.42E-07	9.68E-07	3.77E-07	3.64E-07	6.69E-08	6.64E-08	2.843WE-05
608302.98	4200847.55	9197.34042	0.16561	0.16797	0.04191	0.04071	0.0205	0.02038	2.56E-05	9.31E-07	9.57E-07	3.82E-07	3.70E-07	6.70E-08	6.65E-08	2.840AE-05
608302.98	4200855.15	9187.81716	0.16376	0.16611	0.04254	0.04132	0.02054	0.02042	2.56E-05	9.21E-07	9.46E-07	3.88E-07	3.75E-07	6.72E-08	6.67E-08	2.836AE-05
608302.98	4200862.75	9177.69157	0.16191	0.16425	0.04316	0.04194	0.02059	0.02046	2.56E-05	9.11E-07	9.36E-07	3.94E-07	3.81E-07	6.73E-08	6.68E-08	2.833OE-05
608302.98	4200870.35	9167.15547	0.16008	0.16241	0.04378	0.04256	0.02063	0.0205	2.55E-05	9.00E-07	9.25E-07	3.99E-07	3.87E-07	6.75E-08	6.69E-08	2.829ZE-05

Ranch EIR Residential Project Construction Parameters

Phase 2

Construction Annual Total PM2.5 (Total PM2.5) **Mitigated Concentrations**

Annual Average Onsite DPM Rate (grams/m2/sec): 1.76E-08
Annual Average Offsite DPM Emission Rate - Road 1 (grams/sec): 2.08E-04
Annual Average Offsite DPM Emission Rate - Road 2 (grams/sec): 2.10E-04
Annual Average Offsite DPM Emission Rate - Road 3 (grams/sec): 3.37E-04
Annual Average Offsite DPM Emission Rate - Road4 (grams/sec): 3.35E-04
Annual Average Offsite DPM Emission Rate - Road5 (grams/sec): 1.21E-04
Annual Average Offsite DPM Emission Rate - Road5 (grams/sec): 1.21E-04

X	Y	Onsite Phase 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 1 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 4 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 5 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 6 Unit Emissions VALUES AVERAGED AVERAGE CONC	Onsite Phase 2 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 1 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 2 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 3 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 4 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 5 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 6 Annual PM2.5 Total w/Actual Emissions (ug/m3)	**Total DPM (ug/m3)**
605009.76	4201463.46	3458.38146	0.00295	0.00295	0.01178	0.01195	0.10995	0.11322	6.07E-05	6.13E-07	6.21E-07	3.97E-06	4.01E-06	1.33E-05	1.36E-05	9.6876E-05
605020.97	4201489.77	3371.65486	0.00295	0.00296	0.01192	0.0121	0.11465	0.11811	5.92E-05	6.13E-07	6.23E-07	4.01E-06	4.06E-06	1.38E-05	1.42E-05	9.6609E-05
605025.63	4201440.58	3759.94671	0.00301	0.00301	0.01197	0.01215	0.11463	0.11811	6.60E-05	6.25E-07	6.33E-07	4.03E-06	4.08E-06	1.38E-05	1.42E-05	1.0348E-04
605045.35	4201493.83	3316.08548	0.00292	0.00293	0.01195	0.01213	0.11763	0.12129	5.82E-05	6.06E-07	6.16E-07	4.02E-06	4.07E-06	1.42E-05	1.46E-05	9.6384E-05
605052.57	4201438.73	3882.56335	0.00303	0.00303	0.01215	0.01233	0.12091	0.12468	6.82E-05	6.29E-07	6.37E-07	4.09E-06	4.14E-06	1.46E-05	1.50E-05	1.0732E-04
605067.01	4201501.96	3270.97409	0.0029	0.00291	0.01203	0.01221	0.12155	0.12541	5.75E-05	6.02E-07	6.12E-07	4.05E-06	4.10E-06	1.47E-05	1.51E-05	9.6607E-05
605077.3	4201449.8	3821.7766	0.00301	0.00302	0.01225	0.01243	0.12606	0.1301	6.71E-05	6.25E-07	6.35E-07	4.13E-06	4.17E-06	1.52E-05	1.57E-05	1.0758E-04
605088.68	4201514.14	3219.88699	0.00289	0.0029	0.01214	0.01232	0.12652	0.13065	5.66E-05	6.00E-07	6.10E-07	4.09E-06	4.13E-06	1.53E-05	1.57E-05	9.7011E-05
605094.28	4201462.35	3677.74019	0.00297	0.00298	0.01226	0.01244	0.12804	0.1322	6.46E-05	6.17E-07	6.27E-07	4.13E-06	4.17E-06	1.55E-05	1.59E-05	1.0554E-04
605106.29	4201530.4	3155.01508	0.00287	0.00289	0.01225	0.01243	0.13151	0.13591	5.54E-05	5.96E-07	6.08E-07	4.13E-06	4.17E-06	1.59E-05	1.64E-05	9.7175E-05
605113.1	4201473.42	3597.26745	0.00295	0.00295	0.01233	0.01251	0.13192	0.13628	6.32E-05	6.13E-07	6.21E-07	4.15E-06	4.20E-06	1.59E-05	1.64E-05	1.0512E-04
605134.6	4201499.62	3344.94251	0.00288	0.00289	0.01235	0.01253	0.135	0.13952	5.88E-05	5.98E-07	6.08E-07	4.16E-06	4.20E-06	1.63E-05	1.68E-05	1.0144E-04
605151.19	4201482.44	3662.1826	0.00296	0.00297	0.01262	0.0128	0.14433	0.1493	6.43E-05	6.15E-07	6.25E-07	4.25E-06	4.29E-06	1.74E-05	1.80E-05	1.0953E-04
605168.07	4201530.53	3196.01788	0.00285	0.00287	0.01256	0.01275	0.14633	0.15149	5.61E-05	5.92E-07	6.04E-07	4.23E-06	4.28E-06	1.77E-05	1.83E-05	1.0177E-04
605172.03	4201466.28	4172.66545	0.0031	0.00311	0.01308	0.01327	0.16061	0.16635	7.33E-05	6.44E-07	6.54E-07	4.41E-06	4.45E-06	1.94E-05	2.00E-05	1.2289E-04
605181.62	4201558.83	3029.11286	0.00281	0.00283	0.01262	0.01281	0.15097	0.15646	5.32E-05	5.84E-07	5.95E-07	4.25E-06	4.30E-06	1.82E-05	1.89E-05	1.0002E-04
605188.98	4201454.15	4635.9478	0.00321	0.00323	0.01347	0.01367	0.17321	0.17944	8.14E-05	6.67E-07	6.79E-07	4.54E-06	4.59E-06	2.09E-05	2.16E-05	1.3444E-04
605191.33	4201515.02	3455.30506	0.00291	0.00293	0.01284	0.01303	0.15756	0.16325	6.07E-05	6.04E-07	6.16E-07	4.32E-06	4.37E-06	1.90E-05	1.97E-05	1.0931E-04
605193.13	4201585.31	2978.24469	0.0028	0.00283	0.01279	0.01299	0.15889	0.16489	5.23E-05	5.81E-07	5.95E-07	4.31E-06	4.36E-06	1.92E-05	1.99E-05	1.0121E-04
605201.19	4201601.43	2843.36509	0.00275	0.00278	0.01274	0.01294	0.15808	0.16407	4.99E-05	5.71E-07	5.85E-07	4.29E-06	4.34E-06	1.91E-05	1.98E-05	9.8591E-05
605202.19	4201404.28	6876.14421	0.00367	0.00368	0.01494	0.01516	0.19319	0.20005	1.21E-04	7.62E-07	7.74E-07	5.03E-06	5.08E-06	2.33E-05	2.41E-05	1.7987E-04
605207.14	4201438.92	5542.96203	0.00343	0.00344	0.01424	0.01445	0.19283	0.2	9.74E-05	7.12E-07	7.24E-07	4.80E-06	4.85E-06	2.33E-05	2.41E-05	1.5583E-04
605207.2	4201501	3786.50182	0.00301	0.00303	0.01315	0.01335	0.17022	0.17656	6.65E-05	6.25E-07	6.37E-07	4.43E-06	4.48E-06	2.06E-05	2.13E-05	1.1851E-04
605208.1	4201623.31	2615.44298	0.00265	0.00268	0.01256	0.01276	0.15217	0.15788	4.59E-05	5.50E-07	5.64E-07	4.23E-06	4.28E-06	1.84E-05	1.90E-05	9.2966E-05
605226.39	4201488.08	4178.153	0.00311	0.00313	0.01351	0.01371	0.1852	0.19234	7.34E-05	6.46E-07	6.58E-07	4.55E-06	4.60E-06	2.24E-05	2.32E-05	1.2938E-04
605226.91	4201528.1	3495.68174	0.00293	0.00295	0.01316	0.01336	0.1744	0.18103	6.14E-05	6.08E-07	6.21E-07	4.43E-06	4.48E-06	2.11E-05	2.18E-05	1.1442E-04
605227.67	4201640.58	2579.56831	0.00263	0.00266	0.01267	0.01288	0.15881	0.16497	4.53E-05	5.46E-07	5.60E-07	4.27E-06	4.32E-06	1.92E-05	1.99E-05	9.4061E-05
605241.22	4201548.03	3409.59911	0.00291	0.00294	0.01329	0.0135	0.18354	0.19078	5.99E-05	6.04E-07	6.18E-07	4.48E-06	4.53E-06	2.22E-05	2.30E-05	1.1527E-04
605249.55	4201659	2592.13724	0.00262	0.00265	0.01285	0.01306	0.1688	0.17567	4.55E-05	5.44E-07	5.57E-07	4.33E-06	4.38E-06	2.04E-05	2.12E-05	9.6894E-05
605251.44	4201595.54	3193.90844	0.00286	0.00289	0.01342	0.01363	0.19255	0.20054	5.61E-05	5.94E-07	6.08E-07	4.52E-06	4.57E-06	2.33E-05	2.42E-05	1.1381E-04
605251.89	4201403.82	7193.01797	0.00366	0.00367	0.01505	0.01526	0.21408	0.22267	1.26E-04	7.60E-07	7.72E-07	5.07E-06	5.12E-06	2.59E-05	2.68E-05	1.9075E-04
605255.31	4201424.35	6465.21807	0.00356	0.00357	0.01486	0.01507	0.21806	0.2268	1.14E-04	7.39E-07	7.51E-07	5.00E-06	5.05E-06	2.63E-05	2.73E-05	1.7877E-04
605262.68	4201624.15	2979.52462	0.00278	0.0028	0.01333	0.01355	0.19128	0.19935	5.23E-05	5.77E-07	5.89E-07	4.49E-06	4.54E-06	2.31E-05	2.40E-05	1.0966E-04
605269.83	4201576.12	3561.40542	0.00298	0.00301	0.01384	0.01407	0.21409	0.22334	6.26E-05	6.19E-07	6.33E-07	4.66E-06	4.72E-06	2.59E-05	2.69E-05	1.2596E-04
605271.43	4201670.51	2640.203	0.00263	0.00265	0.01303	0.01326	0.18013	0.18782	4.64E-05	5.46E-07	5.57E-07	4.39E-06	4.45E-06	2.18E-05	2.26E-05	1.0070E-04
605272.78	4201468.12	4872.37012	0.00324	0.00326	0.01411	0.01431	0.21302	0.22192	8.56E-05	6.73E-07	6.86E-07	4.75E-06	4.80E-06	2.57E-05	2.67E-05	1.4896E-04
605279.99	4201489.75	4362.46051	0.00312	0.00314	0.01391	0.01411	0.20905	0.21772	7.66E-05	6.48E-07	6.61E-07	4.68E-06	4.73E-06	2.52E-05	2.62E-05	1.3883E-04
605283.25	4201414.66	7306.12752	0.00368	0.00369	0.01537	0.01559	0.23544	0.2453	1.28E-04	7.64E-07	7.76E-07	5.18E-06	5.23E-06	2.84E-05	2.96E-05	1.9827E-04
605285.4	4201543.23	3725.3418	0.00299	0.00302	0.01383	0.01404	0.2135	0.22255	6.54E-05	6.21E-07	6.35E-07	4.66E-06	4.71E-06	2.58E-05	2.68E-05	1.2866E-04
605286.18	4201633.34	3034.93675	0.00278	0.00281	0.01354	0.01377	0.20554	0.21458	5.33E-05	5.77E-07	5.91E-07	4.56E-06	4.62E-06	2.48E-05	2.59E-05	1.1433E-04
605286.6	4201513.79	3976.994	0.00303	0.00306	0.01381	0.01402	0.20836	0.21699	6.99E-05	6.29E-07	6.44E-07	4.65E-06	4.70E-06	2.52E-05	2.62E-05	1.3179E-04
605288.7	4201676.27	2683.57742	0.00263	0.00265	0.01318	0.0134	0.18949	0.19785	4.71E-05	5.46E-07	5.57E-07	4.44E-06	4.49E-06	2.29E-05	2.38E-05	1.0390E-04
605303.55	4201645.09	2979.3438	0.00274	0.00277	0.01358	0.01381	0.21134	0.22086	5.23E-05	5.69E-07	5.83E-07	4.57E-06	4.63E-06	2.55E-05	2.66E-05	1.1483E-04
605305.23	4201576.28	3944.12869	0.00308	0.00311	0.01448	0.01471	0.25115	0.26271	6.93E-05	6.40E-07	6.54E-07	4.88E-06	4.93E-06	3.03E-05	3.17E-05	1.4237E-04
605306.62	4201416.94	7884.83293	0.00379	0.0038	0.01592	0.01616	0.25477	0.26588	1.38E-04	7.87E-07	7.99E-07	5.36E-06	5.42E-06	3.08E-05	3.20E-05	2.1367E-04
605315.44	4201466.31	5500.42527	0.00337	0.00339	0.01478	0.01499	0.25049	0.26186	9.66E-05	7.00E-07	7.13E-07	4.98E-06	5.03E-06	3.02E-05	3.16E-05	1.6984E-04
605322.05	4201586.49	4083.64031	0.00311	0.00314	0.01479	0.01504	0.2715	0.28441	7.17E-05	6.46E-07	6.61E-07	4.98E-06	5.04E-06	3.28E-05	3.43E-05	1.5012E-04
605331.61	4201420.86	8430.26556	0.00388	0.0039	0.01649	0.01673	0.27743	0.29023	1.48E-04	8.06E-07	8.20E-07	5.55E-06	5.61E-06	3.35E-05	3.50E-05	2.2934E-04
605335.73	4201683.92	2915.3404	0.00267	0.00269	0.01368	0.01391	0.22453	0.23543	5.12E-05	5.54E-07	5.66E-07	4.61E-06	4.67E-06	2.71E-05	2.84E-05	1.1709E-04
605338.73	4201527.72	4087.19073	0.00305	0.00307	0.0143	0.01451	0.24316	0.25419	7.18E-05	6.33E-07	6.46E-07	4.82E-06	4.87E-06	2.94E-05	3.06E-05	1.4275E-04
605341.29	4201471.54	5755.37441	0.00343	0.00345	0.01516	0.01539	0.27732	0.29067	1.01E-04	7.12E-07	7.26E-07	5.11E-06	5.16E-06	3.35E-05	3.50E-05	1.8131E-04
605343.08	4201606.92	4091.34957	0.00309	0.00312	0.01499	0.01525	0.29152	0.30595	7.19E-05	6.42E-07	6.56E-07	5.05E-06	5.12E-06	3.52E-05	3.69E-05	1.5540E-04
605346.39	4201549.18	4038.451	0.00305	0.00308	0.01449	0.01472	0.26143	0.27384	7.09E-05	6.33E-07	6.48E-07	4.88E-06	4.94E-06	3.16E-05	3.30E-05	1.4660E-04
605347.42	4201504.74	4592.87982	0.00316	0.00319	0.01457	0.01478	0.25826	0.27051	8.07E-05	6.56E-07	6.71E-07	4.91E-06	4.96E-06	3.12E-05	3.26E-05	1.5565E-04
605353.26	4201422.76	8922.76672	0.00395	0.00397	0.01692	0.01717	0.29815	0.31288	1.57E-04	8.20E-07	8.35E-07	5.70E-06	5.76E-06	3.60E-05	3.77E-05	2.4355E-04
605355.14	4201690.56	3035.18524	0.00269	0.00271	0.01389	0.01414	0.24198	0.25428	5.33E-05	5.59E-07	5.70E-07	4.68E-06	4.74E-06	2.92E-05	3.06E-05	1.2373E-04
605358.21	4201654.29	3463.76424	0.00285	0.00287	0.0144	0.01465	0.27037	0.2843	6.08E-05	5.92E-07	6.04E-07	4.85E-06	4.91E-06	3.26E-05	3.43E-05	1.3871E-04
605363.25	4201470.52	6291.66338	0.00353	0.00356	0.01568	0.01592	0.30717	0.32267	1.11E-04	7.33E-07	7.49E-07	5.28E-06	5.34E-06	3.71E-05	3.89E-05	1.9859E-04
605367.72	4201603.92	4512.95098	0.00319	0.00322	0.01557	0.01584	0.33023	0.34751	7.93E-05	6.62E-07	6.77E-07	5.24E-06	5.31E-06	3.99E-05	4.19E-05	1.7292E-04
605371.93	4201559.39	4284.71885	0.00311	0.00314	0.01495	0.01518	0.29864	0.31403	7.53E-05	6.46E-07	6.61E-07	5.03E-06	5.09E-06	3.61E-05	3.78E-05	1.6060E-04
605375.91	4201424.82	9345.13793	0.004	0.00402	0.01725	0.0175	0.32226	0.33904	1.64E-04	8.31E-07	8.46E-07	5.81E-06	5.87E-06	3.89E-05	4.09E-05	2.5727E-04
605379.67	4201688.01	3291.79316	0.00275	0.00277	0.01428	0.01453	0.27281	0.28749	5.78E-05	5.71E-07	5.83E-07	4.81E-06	4.87E-06	3.29E-05	3.46E-05	1.3625E-04
605382.73	4201653.78	3754.00637	0.00291	0.00293	0.0148	0.01506	0.30463	0.32129	6.59E-05	6.04E-07	6.16E-07	4.98E-06	5.05E-06	3.68E-05	3.87E-05	1.5270E-04
605391.16	4201606.92	4939.75996	0.00328	0.00332	0.01617	0.01645	0.37145	0.39227	8.68E-05	6.81E-07	6.98E-07	5.45E-06	5.52E-06	4.49E-05	4.73E-05	1.9124E-04
605392.87	4201547.64	4334.64555	0.00309	0.00312	0.01496	0.01518	0.30317	0.31899	7.61E-05	6.42E-07	6.56E-07	5.04E-06	5.09E-06	3.66E-05	3.84E-05	1.6262E-04
605397.74	4201432.23	9284.02757	0.00397	0.00399	0.01731	0.01757	0.34987	0.36919	1.63E-04	8.24E-07	8.39E-07	5.83E-06	5.89E-06	4.22E-05	4.45E-05	2.6320E-04
605400.1	4201689.03	3497.12282	0.00278	0.0028	0.01457	0.01482	0.29963	0.31661	6.14E-05	5.77E-07	5.89E-07	4.91E-06	4.97E-06	3.62E-05	3.82E-05	1.4681E-04
605401.04	4201524.15	4604.59377	0.00313	0.00316	0.015	0.01521	0.30202	0.31793	8.09E-05	6.50E-07	6.65E-07	5.05E-06	5.10E-06	3.65E-05	3.83E-05	1.6713E-04
605402.58	4201503.72	5096.90604	0.00324	0.00327	0.0152	0.01542	0.31565	0.33301	8.95E-05	6.73E-07	6.88E-07	5.12E-06	5.17E-06	3.81E-05	4.01E-05	1.7943E-04
605407.25	4201655.82	3996.5883	0.00294	0.00297	0.01513	0.0154	0.33857	0.35813	7.02E-05	6.11E-07	6.25E-07	5.10E-06	5.17E-06	4.09E-05	4.32E-05	1.6574E-04
605407.68	4201483.8	6039.27512	0.00344	0.00347	0.01574	0.01596	0.34715	0.36718	1.06E-04	7.14E-07	7.30E-07	5.30E-06	5.35E-06	4.19E-05	4.43E-05	2.0435E-04
605416.39	4201604.52	5280.01161	0.00333	0.00336	0.01653	0.01682	0.41318	0.43749	9.27E-05	6.92E-07	7.07E-07	5.57E-06	5.64E-06	4.99E-05	5.27E-05	2.0797E-04
605416.69	4201438.82	9168.61632	0.00394	0.00396	0.01732	0.01758	0.37663	0.39816	1.61E-04	8.18E-07	8.33E-07	5.83E-06	5.90E-06	4.55E-05	4.80E-05	2.6789E-04
605423.6	4201689.54	3721.67212	0.00281	0.00283	0.01487	0.01514	0.33225	0.3522	6.54E-05	5.84E-07	5.95E-07	5.01E-06	5.08E-06	4.01E-05	4.24E-05	1.5920E-04
605425.13	4201659.91	4152.06521	0.00295	0.00298	0.01533	0.0156	0.36407	0.38614	7.29E-05	6.13E-07	6.27E-07	5.16E-06	5.23E-06	4.40E-05	4.65E-05	1.7506E-04
605438.52	4201442.12	9331.85165	0.00393	0.00395	0.01743	0.0177	0.40979	0.43478	1.64E-04	8.16E-07	8.31E-07	5.87E-06	5.94E-06	4.95E-05	5.24E-05	2.7925E-04
605439.23	4201611.73	5552.44101	0.00334	0.00337	0.01681	0.01711	0.45757	0.48614	9.75E-05	6.94E-07	7.09E-07	5.66E-06	5.74E-06	5.53E-05	5.86E-05	2.2417E-04
605440.46	4201696.18	3849.1168	0.00282	0.00284	0.01504	0.01531	0.35557	0.37798	6.76E-05	5.86E-07	5.97E-07	5.07E-06	5.14E-06	4.29E-05	4.56E-05	1.6748E-04
605441.9	4201555.3	5173.581	0.00326	0.00329	0.01597	0.01622	0.40949	0.43524	9.09E-05	6.77E-07	6.92E-07	5.38E-06	5.44E-06	4.94E-05	5.25E-05	2.0496E-04
605441.9	4201530.28	5110.58029	0.00323	0.00326	0.01565	0.01588	0.37673	0.3999	8.98E-05	6.71E-07	6.86E-07	5.27E-06	5.33E-06	4.55E-05	4.82E-05	1.9541E-04
605448.12	4201661.95	4501.48095	0.003	0.00303	0.01571	0.016	0.41161	0.43855	7.91E-05	6.23E-07	6.37E-07	5.29E-06	5.37E-06	4.97E-05	5.29E-05	1.9354E-04
605450.08	4201487.89	6404.93911	0.00347	0.0035	0.01616	0.0164	0.41026	0.43677	1.13E-04	7.21E-07	7.36E-07	5.44E-06	5.50E-06	4.95E-05	5.26E-05	2.2708E-04
605450.59	4201506.27	5756.0061	0.00335	0.00338	0.01592	0.01615	0.39992	0.42555	1.01E-04	6.96E-07	7.11E-07	5.36E-06	5.42E-06	4.83E-05	5.13E-05	2.1286E-04
605456.65	4201611.13	5873.19747	0.00338	0.00341	0.0171	0.0174	0.49801	0.53105	1.03E-04	7.02E-07	7.17E-07	5.76E-06	5.84E-06	6.01E-05	6.40E-05	2.4031E-04
605459.12	4201443.35	9660.19765	0.00394	0.00397	0.01761	0.01788	0.4455	0.47423	1.70E-04	8.18E-07	8.35E-07	5.93E-06	6.00E-06	5.38E-05	5.72E-05	2.9421E-04
605462.43	4201701.8	4067.24248	0.00284	0.00286	0.01531	0.01559	0.39407	0.42077	7.14E-05	5.90E-07	6.02E-07	5.16E-06	5.23E-06	4.76E-05	5.07E-05	1.8131E-04
605466.42	4201572.67	5859.5519	0.00337	0.0034	0.01676	0.01703	0.49393	0.52743	1.03E-04	7.00E-07	7.15E-07	5.64E-06	5.71E-06	5.96E-05	6.36E-05	2.3890E-04
605467.03	4201661.95	4912.05987	0.00307	0.00309	0.01613	0.01642	0.46477	0.49718	8.63E-05	6.38E-07	6.50E-07	5.43E-06	5.51E-06	5.61E-05	5.99E-05	2.1455E-04
605483.09	4201613.53	6367.78958	0.00342	0.00345	0.0175	0.01781	0.57034	0.61221	1.12E-04	7.10E-07	7.26E-07	5.89E-06	5.97E-06	6.89E-05	7.38E-05	2.6780E-04
605483.88	4201705.38	4392.80829	0.00289	0.0029	0.01567	0.01596	0.44836	0.48116	7.72E-05	6.00E-07	6.10E-07	5.28E-06	5.35E-06	5.41E-05	5.80E-05	2.0113E-04
605484.66	4201447.47	9986.63866	0.00395	0.00398	0.01785	0.01812	0.49981	0.53446	1.75E-04	8.20E-07	8.37E-07	6.01E-06	6.08E-06	6.04E-05	6.44E-05	3.1392E-04
605492.57	4201664	5521.39872	0.00316	0.00318	0.0167	0.01701	0.55145	0.59367	9.70E-05	6.56E-07	6.69E-07	5.62E-06	5.71E-06	6.66E-05	7.15E-05	2.4777E-04
605492.98	4201561.94	6064.40842	0.00336	0.0034	0.01681	0.01708	0.54229	0.58375	1.07E-04	6.98E-07	7.15E-07	5.66E-06	5.73E-06	6.55E-05	7.04E-05	2.5516E-04
605498.6	4201538.96	5893.93709	0.00332	0.00335	0.01647	0.01671	0.50926	0.54855	1.04E-04	6.89E-07	7.05E-07	5.55E-06	5.60E-06	6.15E-05	6.61E-05	2.4367E-04
605501.15	4201514.96	6269.11512	0.00338	0.00341	0.01649	0.01673	0.50649	0.54572	1.10E-04	7.02E-07	7.17E-07	5.55E-06	5.61E-06	6.12E-05	6.58E-05	2.4963E-04
605502.92	4201612.33	6772.75847	0.00345	0.00349	0.01778	0.01809	0.6348	0.68507	1.19E-04	7.16E-07	7.34E-07	5.99E-06	6.07E-06	7.67E-05	8.26E-05	2.9168E-04
605503.19	4201494.01	7033.89579	0.00351	0.00355	0.01676	0.01701	0.52643	0.56761	1.24E-04	7.29E-07	7.47E-07	5.64E-06	5.71E-06	6.36E-05	6.84E-05	2.6835E-04
605504.84	4201447.88	10765.31027	0.00402	0.00405	0.01829	0.01858	0.55312	0.59496	1.89E-04	8.35E-07	8.52E-07	6.16E-06	6.23E-06	6.68E-05	7.17E-05	3.4166E-04
605506.45	4201709.81	4873.11889	0.00296	0.00298	0.01616	0.01647	0.53053	0.57377	8.56E-05	6.15E-07	6.27E-07	5.44E-06	5.52E-06	6.41E-05	6.91E-05	2.3101E-04
605507.9	4201666.04	5951.33416	0.00322	0.00324	0.0171	0.01742	0.61754	0.66807	1.05E-04	6.69E-07	6.82E-07	5.76E-06	5.84E-06	7.46E-05	8.05E-05	2.7257E-04
605523.95	4201611.73	7264.28765	0.00349	0.00352	0.0181	0.01842	0.7198	0.78222	1.28E-04	7.25E-07	7.41E-07	6.10E-06	6.18E-06	8.69E-05	9.43E-05	3.2252E-04
605525.44	4201445.41	12174.28196	0.00416	0.00419	0.01899	0.01929	0.61887	0.67059	2.14E-04	8.64E-07	8.81E-07	6.40E-06	6.47E-06	7.47E-05	8.08E-05	3.8400E-04
605529.85	4201708.66	5447.70483	0.00305	0.00307	0.01673	0.01705	0.64117	0.69871	9.57E-05	6.33E-07	6.46E-07	5.63E-06	5.72E-06	7.74E-05	8.42E-05	2.6995E-04
605535.44	4201664.55	6853.62642	0.00336	0.00338	0.01794	0.01827	0.76843	0.83973	1.20E-04	6.98E-07	7.11E-07	6.04E-06	6.13E-06	9.28E-05	1.01E-04	3.2795E-04
605544.56	4201490.44	8308.53205	0.00364	0.00368	0.01752	0.01779	0.68202	0.74586	1.46E-04	7.56E-07	7.74E-07	5.90E-06	5.97E-06	8.24E-05	8.99E-05	3.3158E-04
605546.45	4201443.77	13448.31962	0.00424	0.00428	0.01949	0.0198	0.69753	0.76333	2.36E-04	8.80E-07	9.00E-07	6.56E-06	6.64E-06	8.42E-05	9.20E-05	4.2742E-04
605546.79	4201603.32	7700.65995	0.00351	0.00354	0.01826	0.01857	0.82057	0.8996	1.35E-04	7.29E-07	7.45E-07	6.15E-06	6.23E-06	9.91E-05	1.08E-04	3.5661E-04
605547.12	4201515.47	7188.72024	0.00345	0.00349	0.01711	0.01737	0.66138	0.72561	1.26E-04	7.16E-07	7.34E-07	5.76E-06	5.83E-06	7.99E-05	8.74E-05	3.0662E-04
605553.76	4201533.34	6869.81828	0.00337	0.00341	0.01706	0.01732	0.67397	0.74166	1.21E-04	7.00E-07	7.17E-07	5.75E-06	5.81E-06	8.14E-05	8.94E-05	3.0440E-04
605554.89	4201703.55	6310.89014	0.00319	0.00321	0.01754	0.01788	0.81759	0.90038	1.11E-04	6.62E-07	6.75E-07	5.91E-06	6.00E-06	9.87E-05	1.09E-04	3.3133E-04
605558.77	4201654.65	7847.95853	0.00353	0.00355	0.01887	0.01922	0.94405	1.04388	1.38E-04	7.33E-07	7.47E-07	6.36E-06	6.45E-06	1.14E-04	1.26E-04	3.9193E-04
605564.99	4201556.84	7006.54129	0.00337	0.0034	0.01734	0.01761	0.76815	0.85274	1.23E-04	7.00E-07	7.15E-07	5.84E-06	5.91E-06	9.28E-05	1.03E-04	3.3175E-04
605565.42	4201590.1	7838.35441	0.00349	0.00352	0.01816	0.01846	0.89866	0.99671	1.38E-04	7.25E-07	7.41E-07	6.12E-06	6.19E-06	1.09E-04	1.20E-04	3.8009E-04
605567.46	4201442.94	13978.53765	0.00421	0.00424	0.01945	0.01976	0.78933	0.87304	2.46E-04	8.74E-07	8.92E-07	6.55E-06	6.63E-06	9.53E-05	1.05E-04	4.6100E-04
605573.79	4201690.78	7266.16542	0.00336	0.00338	0.0184	0.01876	1.00771	1.12207	1.28E-04	6.98E-07	7.11E-07	6.20E-06	6.29E-06	1.22E-04	1.35E-04	3.9844E-04
605579.28	4201648.29	8519.37044	0.00361	0.00364	0.01938	0.01974	1.11891	1.25037	1.50E-04	7.50E-07	7.66E-07	6.53E-06	6.62E-06	1.35E-04	1.51E-04	4.5010E-04
605581.34	4201577.78	7812.88516	0.00345	0.00349	0.01801	0.01831	0.96662	1.08678	1.37E-04	7.16E-07	7.34E-07	6.07E-06	6.14E-06	1.17E-04	1.31E-04	3.9858E-04
605585.21	4201494.54	9320.894	0.00368	0.00371	0.01804	0.01832	0.90019	1.00458	1.64E-04	7.64E-07	7.80E-07	6.08E-06	6.14E-06	1.09E-04	1.21E-04	4.0725E-04
605590.11	4201443.35	14683.35874	0.00419	0.00423	0.01952	0.01983	0.91799	1.02813	2.58E-04	8.70E-07	8.90E-07	6.57E-06	6.65E-06	1.11E-04	1.24E-04	5.0765E-04
605590.91	4201684.04	8034.20663	0.00349	0.00351	0.01912	0.01949	1.21218	1.36759	1.41E-04	7.25E-07	7.38E-07	6.44E-06	6.54E-06	1.46E-04	1.65E-04	4.6675E-04
605596.96	4201631.32	9031.16428	0.00363	0.00365	0.01944	0.01979	1.27921	1.44521	1.59E-04	7.54E-07	7.68E-07	6.55E-06	6.64E-06	1.54E-04	1.74E-04	5.0198E-04
605608.24	4201447.88	15148.64238	0.00418	0.00421	0.01966	0.01997	1.06526	1.20922	2.66E-04	8.68E-07	8.86E-07	6.62E-06	6.70E-06	1.29E-04	1.46E-04	5.5552E-04
605612.32	4201491.81	11108.61223	0.00381	0.00385	0.01877	0.01907	1.1653	1.3278	1.95E-04	7.91E-07	8.10E-07	6.32E-06	6.40E-06	1.41E-04	1.60E-04	5.1017E-04
605612.51	4201618.59	9285.90444	0.00361	0.00363	0.01932	0.01967	1.42989	1.64029	1.63E-04	7.50E-07	7.64E-07	6.51E-06	6.60E-06	1.73E-04	1.98E-04	5.4807E-04
605617.05	4201550.42	8558.08145	0.00347	0.00351	0.01814	0.01843	1.21236	1.41825	1.50E-04	7.21E-07	7.38E-07	6.11E-06	6.18E-06	1.46E-04	1.71E-04	4.8139E-04
605617.31	4201676.04	9105.54793	0.00364	0.00366	0.02003	0.02042	1.62307	1.87869	1.60E-04	7.56E-07	7.70E-07	6.75E-06	6.85E-06	1.96E-04	2.26E-04	5.9746E-04
605622.85	4201440.76	17463.47842	0.00428	0.00432	0.02013	0.02045	1.2018	1.38553	3.07E-04	8.89E-07	9.09E-07	6.78E-06	6.86E-06	1.45E-04	1.67E-04	6.3428E-04
605629.67	4201535.39	9520.60383	0.00357	0.0036	0.01846	0.01875	1.41846	1.68116	1.67E-04	7.41E-07	7.57E-07	6.22E-06	6.29E-06	1.71E-04	2.03E-04	5.5512E-04
605633.16	4201493.26	13025.49014	0.00394	0.00398	0.01949	0.01981	1.47909	1.72639	2.29E-04	8.18E-07	8.37E-07	6.56E-06	6.64E-06	1.79E-04	2.08E-04	6.3031E-04
605646.71	4201591.06	9605.20103	0.00355	0.00358	0.01907	0.0194	1.95227	2.40481	1.69E-04	7.37E-07	7.53E-07	6.42E-06	6.51E-06	2.36E-04	2.90E-04	7.0869E-04
605651.9	4201523.98	11421.94112	0.00372	0.00376	0.01912	0.01943	1.93411	2.37027	2.01E-04	7.72E-07	7.91E-07	6.44E-06	6.52E-06	2.34E-04	2.86E-04	7.3435E-04
605652.06	4201496.17	14682.02474	0.00402	0.00406	0.02002	0.02035	1.8879	2.29038	2.58E-04	8.35E-07	8.54E-07	6.74E-06	6.83E-06	2.28E-04	2.76E-04	7.7714E-04
605652.36	4201436.02	22940.17161	0.00448	0.00452	0.02116	0.0215	1.68445	2.0419	4.03E-04	9.30E-07	9.51E-07	7.13E-06	7.21E-06	2.03E-04	2.46E-04	8.6864E-04
605663.57	4201579.82	9933.13187	0.00353	0.00356	0.01906	0.01938	2.43715	3.19403	1.74E-04	7.33E-07	7.49E-07	6.42E-06	6.50E-06	2.94E-04	3.85E-04	8.6810E-04
605664.73	4201615.37	10710.47865	0.00364	0.00366	0.01985	0.0202	2.68445	3.45147	1.88E-04	7.56E-07	7.70E-07	6.69E-06	6.78E-06	3.24E-04	4.16E-04	9.4323E-04
605666.66	4201657.64	11123.63362	0.00378	0.0038	0.02091	0.02131	3.17061	4.01848	1.95E-04	7.85E-07	7.99E-07	7.04E-06	7.15E-06	3.83E-04	4.84E-04	1.0783E-03
605667.86	4201640.21	11052.62906	0.0037	0.00373	0.02042	0.02079	2.99333	3.82715	1.94E-04	7.68E-07	7.85E-07	6.88E-06	6.97E-06	3.61E-04	4.61E-04	1.0322E-03
605676.3	4201482.12	20597.55941	0.00431	0.00435	0.02132	0.02168	2.76897	3.67461	3.62E-04	8.95E-07	9.15E-07	7.18E-06	7.27E-06	3.34E-04	4.43E-04	1.1553E-03
605679.28	4201449.87	28659.49479	0.00461	0.00465	0.02219	0.02255	2.82984	3.89843	5.03E-04	9.57E-07	9.78E-07	7.47E-06	7.56E-06	3.42E-04	4.70E-04	1.3319E-03
605679.91	4201566.03	10750.68362	0.00356	0.00359	0.01919	0.01951	3.23701	4.62777	1.89E-04	7.39E-07	7.55E-07	6.46E-06	6.54E-06	3.91E-04	5.58E-04	1.1519E-03
605680.74	4201532.99	12574.34592	0.00372	0.00376	0.01949	0.01981	3.2316	4.40097	2.21E-04	7.72E-07	7.91E-07	6.56E-06	6.64E-06	3.90E-04	5.30E-04	1.1562E-03
605752.64	4201613.91	16363.69348	0.0038	0.00383	0.02139	0.02178	11.76428	8.42503	2.87E-04	7.89E-07	8.06E-07	7.20E-06	7.31E-06	1.42E-03	1.02E-03	2.7394E-03
605753.43	4201572.13	16838.67244	0.0037	0.00373	0.02058	0.02094	12.93553	8.86091	2.96E-04	7.68E-07	7.85E-07	6.93E-06	7.02E-06	1.56E-03	1.07E-03	2.9411E-03
605753.43	4201592.62	16375.13105	0.00373	0.00376	0.02088	0.02125	12.07983	8.49809	2.88E-04	7.75E-07	7.91E-07	7.03E-06	7.13E-06	1.46E-03	1.02E-03	2.7862E-03
605755.8	4201636.77	17140.80932	0.004	0.00403	0.02258	0.02301	10.56552	7.82454	3.01E-04	8.31E-07	8.48E-07	7.60E-06	7.72E-06	1.28E-03	9.43E-04	2.5369E-03
605756.59	4201550.06	19510.39119	0.00379	0.00383	0.02075	0.02111	11.53113	8.11245	3.43E-04	7.87E-07	8.06E-07	6.99E-06	7.08E-06	1.39E-03	9.78E-04	2.7284E-03
605756.59	4201659.63	16697.67452	0.00412	0.00414	0.02342	0.02387	10.35379	7.74226	2.93E-04	8.56E-07	8.71E-07	7.89E-06	8.01E-06	1.25E-03	9.33E-04	2.4942E-03
605757.37	4201681.7	15607.37765	0.0041	0.00412	0.02348	0.02394	10.47509	7.80918	2.74E-04	8.51E-07	8.67E-07	7.91E-06	8.03E-06	1.26E-03	9.41E-04	2.4978E-03
605758.95	4201524.04	26774.64158	0.00407	0.00411	0.02159	0.02196	10.36621	7.5477	4.70E-04	8.45E-07	8.65E-07	7.27E-06	7.37E-06	1.25E-03	9.10E-04	2.6480E-03
605760.53	4201505.91	35736.18899	0.00433	0.00438	0.02251	0.0229	10.14541	7.32523	6.28E-04	8.99E-07	9.21E-07	7.58E-06	7.68E-06	1.23E-03	8.83E-04	2.7527E-03
605762.1	4201482.26	54692.24369	0.00469	0.00474	0.02382	0.02422	10.4249	7.18683	9.61E-04	9.74E-07	9.97E-07	8.02E-06	8.12E-06	1.26E-03	8.66E-04	3.1037E-03
605764.55	4201731.52	13356.96758	0.00383	0.00384	0.02249	0.02295	9.20636	7.04557	2.35E-04	7.95E-07	8.08E-07	7.57E-06	7.70E-06	1.11E-03	8.49E-04	2.2123E-03
605767.62	4201463.35	77062.5535	0.00483	0.00488	0.02416	0.02456	9.30022	6.41748	1.35E-03	1.00E-06	1.03E-06	8.14E-06	8.24E-06	1.12E-03	7.73E-04	3.2684E-03
605767.9	4201752.3	12367.30885	0.00372	0.00373	0.02204	0.0225	8.3951	6.48025	2.17E-04	7.72E-07	7.85E-07	7.42E-06	7.55E-06	1.01E-03	7.81E-04	2.0284E-03
605767.9	4201771.74	11564.53018	0.00363	0.00364	0.02165	0.02211	8.25958	6.35622	2.03E-04	7.54E-07	7.66E-07	7.29E-06	7.42E-06	9.97E-04	7.66E-04	1.9827E-03
605768.57	4201808.61	10633.61909	0.00358	0.00359	0.02143	0.0219	7.95668	6.17949	1.87E-04	7.43E-07	7.55E-07	7.22E-06	7.35E-06	9.61E-04	7.45E-04	1.9083E-03
605774.72	4201432.6	124913.9484	0.00479	0.00484	0.0234	0.02377	6.19072	4.78215	2.19E-03	9.95E-07	1.02E-06	7.88E-06	7.97E-06	7.48E-04	5.76E-04	3.5358E-03
605796.06	4201826.04	11262.90384	0.00372	0.00372	0.02228	0.02279	5.03138	4.18473	1.98E-04	7.72E-07	7.83E-07	7.50E-06	7.64E-06	6.08E-04	5.04E-04	1.3264E-03
605803.82	4201672.8	19179.22228	0.00429	0.00431	0.02478	0.02528	4.36327	3.75085	3.37E-04	8.91E-07	9.07E-07	8.35E-06	8.48E-06	5.27E-04	4.52E-04	1.3344E-03
605804.38	4201419.48	140041.556	0.0047	0.00475	0.02296	0.02329	2.56423	2.3345	2.46E-03	9.76E-07	9.99E-07	7.73E-06	7.81E-06	3.10E-04	2.81E-04	3.0683E-03
605804.49	4201580.95	27490.6377	0.00423	0.00426	0.0235	0.02394	4.16306	3.56917	4.83E-04	8.78E-07	8.96E-07	7.91E-06	8.03E-06	5.03E-04	4.30E-04	1.4334E-03
605810.53	4201617.83	25171.45295	0.00441	0.00443	0.02491	0.02539	3.85222	3.33582	4.42E-04	9.16E-07	9.32E-07	8.39E-06	8.52E-06	4.65E-04	4.02E-04	1.3281E-03
605814.67	4201508.36	54333.93446	0.00474	0.00479	0.02496	0.02539	3.50243	2.99254	9.54E-04	9.84E-07	1.01E-06	8.41E-06	8.52E-06	4.23E-04	3.61E-04	1.7569E-03
605814.67	4201534.29	40761.3503	0.0045	0.00454	0.02423	0.02466	3.57673	3.08338	7.16E-04	9.34E-07	9.55E-07	8.16E-06	8.27E-06	4.32E-04	3.72E-04	1.5378E-03
605816.17	4201744.25	14371.74295	0.00378	0.00379	0.02272	0.02319	3.94792	3.42376	2.52E-04	7.85E-07	7.97E-07	7.65E-06	7.78E-06	4.77E-04	4.13E-04	1.1588E-03
605819.2	4201487.79	67543.53722	0.00479	0.00484	0.02486	0.02527	3.27199	2.79157	1.19E-03	9.95E-07	1.02E-06	8.37E-06	8.48E-06	3.95E-04	3.36E-04	1.9368E-03
605820.86	4201722.13	16116.31706	0.00393	0.00394	0.0234	0.02388	3.80206	3.30911	2.83E-04	8.16E-07	8.29E-07	7.88E-06	8.01E-06	4.59E-04	3.99E-04	1.1585E-03
605820.86	4201768.39	12733.24664	0.00359	0.0036	0.02196	0.02241	3.5997	3.14885	2.24E-04	7.45E-07	7.57E-07	7.40E-06	7.52E-06	4.35E-04	3.79E-04	1.0542E-03
605823.31	4201467.62	81240.79803	0.00478	0.00483	0.02441	0.02479	3.01079	2.5698	1.43E-03	9.93E-07	1.02E-06	8.22E-06	8.31E-06	3.64E-04	3.10E-04	2.1188E-03
605826.19	4201439.64	105741.9575	0.00474	0.00479	0.0237	0.02405	2.49568	2.19111	1.86E-03	9.84E-07	1.01E-06	7.98E-06	8.07E-06	3.01E-04	2.64E-04	2.4408E-03
605827.96	4201666.77	21399.31005	0.0044	0.00442	0.02551	0.02602	3.27161	2.8942	3.76E-04	9.14E-07	9.30E-07	8.59E-06	8.73E-06	3.95E-04	3.49E-04	1.1389E-03
605829.3	4201579.61	33119.57281	0.00452	0.00456	0.02518	0.02565	3.05814	2.69954	5.82E-04	9.39E-07	9.59E-07	8.48E-06	8.60E-06	3.69E-04	3.25E-04	1.2953E-03
605830.25	4201806.6	12357.62176	0.00368	0.00368	0.02242	0.02291	3.30489	2.89517	2.17E-04	7.64E-07	7.74E-07	7.55E-06	7.68E-06	3.99E-04	3.49E-04	9.8182E-04
605842.32	4201838.78	12437.82694	0.00389	0.00389	0.02346	0.024	2.97206	2.62222	2.18E-04	8.08E-07	8.18E-07	7.90E-06	8.05E-06	3.59E-04	3.16E-04	9.1095E-04
605846.73	4201613.8	29061.90651	0.00468	0.00471	0.02657	0.02708	2.5719	2.31159	5.10E-04	9.72E-07	9.91E-07	8.95E-06	9.08E-06	3.11E-04	2.79E-04	1.1196E-03
605847.01	4201720.79	17268.72686	0.00393	0.00394	0.02365	0.02415	2.90104	2.58915	3.03E-04	8.16E-07	8.29E-07	7.97E-06	8.10E-06	3.50E-04	3.12E-04	9.8337E-04
605848.35	4201757.66	14073.31774	0.00364	0.00365	0.02245	0.02292	2.74626	2.46354	2.47E-04	7.56E-07	7.68E-07	7.56E-06	7.69E-06	3.32E-04	2.97E-04	8.9248E-04
605850.75	4201582.29	35516.55562	0.0047	0.00473	0.02632	0.02681	2.44691	2.20224	6.24E-04	9.76E-07	9.95E-07	8.86E-06	8.99E-06	2.95E-04	2.65E-04	1.2045E-03
605851.42	4201667.44	23216.40565	0.00441	0.00442	0.02577	0.02629	2.65332	2.38701	4.08E-04	9.16E-07	9.30E-07	8.68E-06	8.82E-06	3.20E-04	2.88E-04	1.0352E-03

605854.59	4201515.36	56068.00634	0.00478	0.00482	0.02561	0.02605	2.25375	2.0207	9.85E-04	9.93E-07	1.01E-06	8.63E-06	8.74E-06	2.72E-04	2.44E-04	1.5199E-03
605854.59	4201537.17	48572.80213	0.0048	0.00484	0.02611	0.02657	2.28515	2.05595	8.53E-04	9.97E-07	1.02E-06	8.79E-06	8.91E-06	2.76E-04	2.48E-04	1.3966E-03
605857.05	4201470.09	73210.3397	0.00466	0.00471	0.02419	0.02456	2.00573	1.7981	1.29E-03	9.68E-07	9.91E-07	8.15E-06	8.24E-06	2.42E-04	2.17E-04	1.7632E-03
605857.05	4201491.49	64114.18919	0.0047	0.00475	0.02482	0.02522	2.13375	1.91033	1.13E-03	9.76E-07	9.99E-07	8.36E-06	8.46E-06	2.58E-04	2.30E-04	1.6328E-03
605860.35	4201439.64	89880.78853	0.00465	0.0047	0.02358	0.02391	1.64677	1.50952	1.58E-03	9.66E-07	9.89E-07	7.94E-06	8.02E-06	1.99E-04	1.82E-04	1.9774E-03
605865.78	4201716.1	18483.61421	0.00397	0.00398	0.02399	0.0245	2.4601	2.22253	3.25E-04	8.24E-07	8.37E-07	8.08E-06	8.22E-06	2.97E-04	2.68E-04	9.0753E-04
605870.86	4201658.05	25735.25166	0.0045	0.00452	0.02636	0.0269	2.23819	2.03702	4.52E-04	9.34E-07	9.51E-07	8.88E-06	9.02E-06	2.70E-04	2.45E-04	9.8758E-04
605872.48	4201754.31	15223.63122	0.0037	0.00371	0.02295	0.02343	2.25384	2.04806	2.67E-04	7.68E-07	7.80E-07	7.73E-06	7.86E-06	2.72E-04	2.47E-04	8.0352E-04
605873.15	4201846.82	13367.18368	0.00403	0.00403	0.02435	0.02491	2.28207	2.04993	2.35E-04	8.37E-07	8.48E-07	8.20E-06	8.36E-06	2.76E-04	2.47E-04	7.7565E-04
605875.56	4201623.19	30125.4419	0.00482	0.00485	0.02767	0.02821	2.02202	1.85054	5.29E-04	1.00E-06	1.02E-06	9.32E-06	9.46E-06	2.44E-04	2.23E-04	1.0171E-03
605888.57	4201714.09	19737.09985	0.004	0.00401	0.02438	0.02489	2.05682	1.87886	3.47E-04	8.31E-07	8.44E-07	8.21E-06	8.35E-06	2.48E-04	2.26E-04	8.3971E-04
605889.24	4201803.25	14429.46468	0.00381	0.00381	0.02356	0.02408	1.99887	1.81975	2.53E-04	7.91E-07	8.02E-07	7.93E-06	8.08E-06	2.41E-04	2.19E-04	7.3173E-04
605889.63	4201654.7	27721.84136	0.00453	0.00455	0.02667	0.02721	1.94851	1.78789	4.87E-04	9.41E-07	9.57E-07	8.98E-06	9.13E-06	2.35E-04	2.15E-04	9.5769E-04
605892.86	4201424.83	91351.35308	0.00463	0.00468	0.02348	0.02379	1.10317	1.0466	1.60E-03	9.61E-07	9.85E-07	7.91E-06	7.98E-06	1.33E-04	1.26E-04	1.8817E-03
605893.94	4201834.09	14299.86336	0.00405	0.00405	0.02463	0.0252	1.96195	1.78018	2.51E-04	8.41E-07	8.52E-07	8.30E-06	8.45E-06	2.37E-04	2.15E-04	7.2106E-04
605895.28	4201750.29	16518.94967	0.00377	0.00378	0.02351	0.024	1.91468	1.75516	2.90E-04	7.83E-07	7.95E-07	7.92E-06	8.05E-06	2.31E-04	2.12E-04	7.5042E-04
605904.79	4201542.52	48710.11094	0.00464	0.00467	0.02586	0.0263	1.58176	1.45863	8.56E-04	9.64E-07	9.82E-07	8.71E-06	8.82E-06	1.91E-04	1.76E-04	1.2418E-03
605905.72	4201609.78	35144.92844	0.00501	0.00503	0.02872	0.02926	1.60687	1.48945	6.17E-04	1.04E-06	1.06E-06	9.67E-06	9.81E-06	1.94E-04	1.80E-04	1.0124E-03
605907.73	4201585.65	40699.56396	0.00501	0.00504	0.02845	0.02897	1.56085	1.44756	7.15E-04	1.04E-06	1.06E-06	9.58E-06	9.72E-06	1.88E-04	1.74E-04	1.0992E-03
605908.49	4201515.36	54526.21025	0.00457	0.00461	0.02511	0.02551	1.45485	1.34425	9.58E-04	9.49E-07	9.70E-07	8.46E-06	8.56E-06	1.76E-04	1.62E-04	1.3144E-03
605910.7	4201707.38	21670.26802	0.00409	0.0041	0.025	0.02554	1.75939	1.62068	3.81E-04	8.49E-07	8.63E-07	8.42E-06	8.57E-06	2.12E-04	1.95E-04	8.0710E-04
605911.09	4201656.04	28943.68689	0.00451	0.00452	0.02675	0.02729	1.69953	1.56877	5.08E-04	9.37E-07	9.51E-07	9.01E-06	9.15E-06	2.05E-04	1.89E-04	9.2272E-04
605913.84	4201470.5	63286.06448	0.00444	0.00449	0.02384	0.02416	1.17671	1.10077	1.11E-03	9.22E-07	9.45E-07	8.03E-06	8.10E-06	1.42E-04	1.33E-04	1.4044E-03
605915.08	4201442.93	76981.20609	0.00454	0.0046	0.02371	0.02402	1.03427	0.97839	1.35E-03	9.43E-07	9.68E-07	7.99E-06	8.06E-06	1.25E-04	1.18E-04	1.6129E-03
605915.39	4201747.61	17783.34177	0.00385	0.00386	0.02407	0.02459	1.68076	1.55016	3.12E-04	7.99E-07	8.12E-07	8.11E-06	8.25E-06	2.03E-04	1.87E-04	7.2010E-04
605915.9	4201491.49	59611.72986	0.0045	0.00455	0.02448	0.02484	1.2774	1.1882	1.05E-03	9.34E-07	9.57E-07	8.24E-06	8.33E-06	1.54E-04	1.43E-04	1.3630E-03
605926.78	4201793.19	15485.88474	0.00378	0.00379	0.02388	0.0244	1.51977	1.40368	2.72E-04	7.85E-07	7.97E-07	8.04E-06	8.18E-06	1.84E-04	1.69E-04	6.4250E-04
605928.13	4201818.67	15600.51261	0.004	0.004	0.02474	0.0253	1.54712	1.42283	2.74E-04	8.31E-07	8.41E-07	8.33E-06	8.49E-06	1.87E-04	1.71E-04	6.5080E-04
605933.21	4201650.01	32005.43138	0.00465	0.00466	0.02762	0.02818	1.46169	1.3603	5.62E-04	9.66E-07	9.80E-07	9.30E-06	9.45E-06	1.76E-04	1.64E-04	9.2331E-04
605933.49	4201706.71	23205.4333	0.00417	0.00418	0.0256	0.02615	1.51923	1.4092	4.08E-04	8.66E-07	8.79E-07	8.62E-06	8.77E-06	1.83E-04	1.70E-04	7.8002E-04
605935.89	4201593.02	42037.92458	0.00515	0.00517	0.02949	0.03003	1.31191	1.22774	7.38E-04	1.07E-06	1.09E-06	9.93E-06	1.01E-05	1.58E-04	1.48E-04	1.0669E-03
605941.53	4201742.91	19876.64611	0.004	0.00401	0.025	0.02554	1.44317	1.33931	3.49E-04	8.31E-07	8.44E-07	8.42E-06	8.57E-06	1.74E-04	1.61E-04	7.0346E-04
605949.23	4201544.16	54306.07523	0.00475	0.00479	0.02681	0.02726	1.18693	1.11172	9.54E-04	9.86E-07	1.01E-06	9.03E-06	9.14E-06	1.43E-04	1.34E-04	1.2513E-03
605949.58	4201844.81	15786.40475	0.00423	0.00422	0.02589	0.0265	1.35449	1.24629	2.77E-04	8.78E-07	8.88E-07	8.72E-06	8.89E-06	1.64E-04	1.50E-04	6.1041E-04
605950.05	4201518.65	59151.62815	0.00465	0.00469	0.02591	0.02631	1.11449	1.04629	1.04E-03	9.66E-07	9.87E-07	8.73E-06	8.82E-06	1.35E-04	1.26E-04	1.3192E-03
605951.7	4201477.5	68506.65513	0.00456	0.00461	0.02479	0.02513	0.9625	0.91028	1.20E-03	9.47E-07	9.70E-07	8.35E-06	8.43E-06	1.16E-04	1.10E-04	1.4479E-03
605954.66	4201647.32	34640.14465	0.00477	0.00479	0.02845	0.02902	1.28233	1.2002	6.08E-04	9.91E-07	1.01E-06	9.58E-06	9.73E-06	1.55E-04	1.45E-04	9.2925E-04
605954.99	4201496.02	65113.08208	0.00462	0.00466	0.02538	0.02575	1.01209	0.95455	1.14E-03	9.59E-07	9.80E-07	8.55E-06	8.64E-06	1.22E-04	1.15E-04	1.4001E-03
605956.28	4201701.35	25718.39131	0.00433	0.00433	0.02656	0.02712	1.32704	1.23763	4.52E-04	8.99E-07	9.11E-07	8.95E-06	9.10E-06	1.60E-04	1.49E-04	7.8099E-04
605957.05	4201448.69	92201.78838	0.00484	0.00489	0.02527	0.02561	0.86033	0.81929	1.62E-03	1.01E-06	1.03E-06	8.51E-06	8.59E-06	1.04E-04	9.87E-05	1.8413E-03
605963.66	4201742.24	21620.50882	0.00415	0.00415	0.02588	0.02645	1.27881	1.19203	3.80E-04	8.62E-07	8.73E-07	8.72E-06	8.87E-06	1.54E-04	1.44E-04	6.9716E-04
605964.05	4201596.37	44629.13867	0.00529	0.00531	0.03049	0.03103	1.12011	1.0555	7.84E-04	1.10E-06	1.12E-06	1.03E-05	1.04E-05	1.35E-04	1.27E-04	1.0693E-03
605972.76	4201645.31	36689.13259	0.00492	0.00494	0.02936	0.02994	1.15355	1.0844	6.44E-04	1.02E-06	1.04E-06	9.89E-06	1.00E-05	1.39E-04	1.31E-04	9.3641E-04
605977.73	4201697.33	28286.53542	0.0045	0.00451	0.02761	0.02819	1.1773	1.10318	4.97E-04	9.34E-07	9.49E-07	9.30E-06	9.46E-06	1.42E-04	1.33E-04	7.9260E-04
605978.4	4201840.12	16726.0161	0.00424	0.00424	0.02621	0.02683	1.14302	1.05828	2.94E-04	8.80E-07	8.92E-07	8.83E-06	9.00E-06	1.38E-04	1.28E-04	5.7895E-04
605984.21	4201435.94	140994.1297	0.00522	0.00528	0.02672	0.02709	0.72489	0.69732	2.48E-03	1.08E-06	1.11E-06	9.00E-06	9.09E-06	8.75E-05	8.40E-05	2.6684E-03
605984.44	4201737.55	23914.73108	0.00434	0.00435	0.02698	0.02758	1.14815	1.07435	4.20E-04	9.01E-07	9.15E-07	9.09E-06	9.25E-06	1.39E-04	1.29E-04	7.0833E-04
605986.17	4201587.66	50348.99591	0.00536	0.00539	0.03091	0.03145	0.99224	0.93918	8.84E-04	1.11E-06	1.13E-06	1.04E-05	1.05E-05	1.20E-04	1.13E-04	1.1406E-03
605990.47	4201806.6	17555.29989	0.00401	0.00401	0.02551	0.02609	1.06061	0.98901	3.08E-04	8.33E-07	8.44E-07	8.59E-06	8.75E-06	1.28E-04	1.19E-04	5.7464E-04
605993.15	4201787.83	18844.26177	0.00405	0.00404	0.02573	0.02631	1.06047	0.9906	3.31E-04	8.41E-07	8.50E-07	8.67E-06	8.82E-06	1.28E-04	1.19E-04	5.9761E-04
605998.91	4201636.6	40640.89822	0.00522	0.00524	0.03104	0.03162	0.98949	0.93558	7.14E-04	1.08E-06	1.10E-06	1.05E-05	1.06E-05	1.19E-04	1.13E-04	9.6933E-04
605999.86	4201691.29	31663.43787	0.00472	0.00473	0.02887	0.02947	1.04549	0.98383	5.56E-04	9.80E-07	9.95E-07	9.72E-06	9.88E-06	1.26E-04	1.19E-04	8.2256E-04
606001.9	4201540.87	68182.15685	0.00503	0.00507	0.02848	0.02894	0.88255	0.83768	1.20E-03	1.04E-06	1.07E-06	9.59E-06	9.71E-06	1.07E-04	1.01E-04	1.4265E-03
606004.78	4201518.24	76931.88596	0.00497	0.00501	0.02776	0.02819	0.83374	0.79336	1.35E-03	1.03E-06	1.05E-06	9.35E-06	9.46E-06	1.01E-04	9.56E-05	1.5685E-03
606005.22	4201734.87	25719.00079	0.00447	0.00448	0.0278	0.02841	1.03394	0.97104	4.52E-04	9.28E-07	9.42E-07	9.36E-06	9.53E-06	1.25E-04	1.17E-04	7.1439E-04
606005.3	4201499.08	87633.15139	0.00501	0.00505	0.02749	0.02791	0.79507	0.75846	1.54E-03	1.04E-06	1.06E-06	9.26E-06	9.36E-06	9.60E-05	9.14E-05	1.7474E-03
606006.95	4201591.01	52470.20175	0.00548	0.0055	0.03169	0.03224	0.89788	0.85292	9.22E-04	1.14E-06	1.16E-06	1.07E-05	1.08E-05	1.08E-04	1.03E-04	1.1566E-03
606009.49	4201477.75	107429.0609	0.00512	0.00517	0.0275	0.0279	0.73739	0.70636	1.89E-03	1.06E-06	1.09E-06	9.26E-06	9.36E-06	8.90E-05	8.51E-05	2.0819E-03
606012.6	4201448.69	151822.3997	0.00529	0.00535	0.02757	0.02796	0.66645	0.64216	2.67E-03	1.10E-06	1.13E-06	9.29E-06	9.38E-06	8.05E-05	7.74E-05	2.8455E-03
606018.35	4201631.9	44085.96999	0.0053	0.00532	0.03151	0.0321	0.89953	0.85303	7.74E-04	1.10E-06	1.12E-06	1.06E-05	1.08E-05	1.09E-04	1.03E-04	1.0094E-03
606026	4201688.61	34444.7731	0.00486	0.00487	0.02977	0.03038	0.92	0.86908	6.05E-04	1.01E-06	1.02E-06	1.00E-05	1.02E-05	1.11E-04	1.05E-04	8.4309E-04
606028.01	4201804.59	19116.91642	0.00413	0.00413	0.02649	0.0271	0.87796	0.82253	3.36E-04	8.58E-07	8.69E-07	8.92E-06	9.09E-06	1.06E-04	9.91E-05	5.6067E-04
606028.68	4201785.15	20726.11712	0.00419	0.00419	0.02678	0.02739	0.89196	0.83683	3.64E-04	8.70E-07	8.81E-07	9.02E-06	9.19E-06	1.08E-04	1.01E-04	5.9256E-04
606029.35	4201731.52	27205.38403	0.00451	0.00451	0.0282	0.02881	0.91819	0.86486	4.78E-04	9.37E-07	9.49E-07	9.50E-06	9.66E-06	1.11E-04	1.04E-04	7.1400E-04
606029.75	4201589.67	56756.2804	0.00558	0.00561	0.03233	0.03288	0.8078	0.76987	9.97E-04	1.16E-06	1.18E-06	1.09E-05	1.10E-05	9.75E-05	9.28E-05	1.2115E-03
606037.79	4201634.59	46290.0277	0.00529	0.00531	0.0316	0.03219	0.82975	0.78844	8.13E-04	1.10E-06	1.12E-06	1.06E-05	1.08E-05	1.00E-04	9.50E-05	1.0319E-03
606042.76	4201830.73	19163.25684	0.00437	0.00436	0.02753	0.02819	0.81922	0.76595	3.37E-04	9.07E-07	9.17E-07	9.27E-06	9.46E-06	9.89E-05	9.23E-05	5.4838E-04
606048.12	4201685.26	35785.17248	0.00481	0.00482	0.02964	0.03023	0.83165	0.78766	6.29E-04	9.99E-07	1.01E-06	9.98E-06	1.01E-05	1.00E-04	9.49E-05	8.4604E-04
606053.21	4201593.02	59732.59112	0.00568	0.0057	0.03299	0.03355	0.73353	0.70085	1.05E-03	1.18E-06	1.20E-06	1.11E-05	1.13E-05	8.86E-05	8.45E-05	1.2470E-03
606054.16	4201725.48	29141.72226	0.00456	0.00456	0.02867	0.02928	0.81735	0.7724	5.12E-04	9.47E-07	9.59E-07	9.66E-06	9.82E-06	9.87E-05	9.31E-05	7.2503E-04
606054.96	4201471.1	152051.8295	0.00549	0.00554	0.02931	0.02974	0.59686	0.57649	2.67E-03	1.14E-06	1.17E-06	9.87E-06	9.98E-06	7.21E-05	6.95E-05	2.8345E-03
606057.41	4201447.66	210626.3673	0.00566	0.00572	0.02942	0.02984	0.55367	0.53732	3.70E-03	1.18E-06	1.20E-06	9.91E-06	1.00E-05	6.69E-05	6.48E-05	3.8535E-03
606057.76	4201494.89	127962.7816	0.0056	0.00565	0.03045	0.03091	0.62295	0.59996	2.25E-03	1.16E-06	1.19E-06	1.03E-05	1.04E-05	7.52E-05	7.23E-05	2.4181E-03
606058.46	4201539.31	88531.19112	0.00569	0.00572	0.03195	0.03247	0.67057	0.64342	1.56E-03	1.18E-06	1.20E-06	1.08E-05	1.09E-05	8.10E-05	7.75E-05	1.7376E-03
606059.25	4201628.55	50584.5383	0.00543	0.00545	0.03235	0.03293	0.75065	0.7153	8.89E-04	1.13E-06	1.15E-06	1.09E-05	1.10E-05	9.06E-05	8.62E-05	1.0896E-03
606061.96	4201516.57	108805.4355	0.00564	0.00568	0.03121	0.0317	0.63817	0.61364	1.91E-03	1.17E-06	1.19E-06	1.05E-05	1.06E-05	7.71E-05	7.40E-05	2.0857E-03
606070.25	4201675.21	40228.52548	0.00496	0.00496	0.03042	0.03101	0.75072	0.71319	7.07E-04	1.03E-06	1.04E-06	1.02E-05	1.04E-05	9.06E-05	8.60E-05	9.0593E-04
606074.67	4201584.98	66319.89377	0.00585	0.00588	0.03381	0.03437	0.66348	0.63574	1.16E-03	1.21E-06	1.24E-06	1.14E-05	1.15E-05	8.01E-05	7.66E-05	1.3470E-03
606077.62	4201831.4	20407.48623	0.00449	0.00448	0.02851	0.0292	0.69537	0.65237	3.58E-04	9.32E-07	9.42E-07	9.60E-06	9.79E-06	8.40E-05	7.86E-05	5.4231E-04
606078.96	4201722.8	31115.88774	0.00465	0.00465	0.02934	0.02995	0.73304	0.69447	5.47E-04	9.66E-07	9.78E-07	9.88E-06	1.00E-05	8.85E-05	8.37E-05	7.4062E-04
606082.04	4201624.53	54615.98272	0.00562	0.00563	0.03335	0.03394	0.67874	0.64848	9.59E-04	1.17E-06	1.18E-06	1.12E-05	1.14E-05	8.20E-05	7.82E-05	1.1444E-03
606083.3	4201427.03	352480.5488	0.00608	0.00614	0.03084	0.03127	0.47242	0.4614	6.19E-03	1.26E-06	1.29E-06	1.04E-05	1.05E-05	5.70E-05	5.56E-05	6.3273E-03
606085.67	4201779.79	24083.4708	0.00443	0.00443	0.0286	0.02924	0.69261	0.65358	4.23E-04	9.20E-07	9.32E-07	9.63E-06	9.81E-06	8.36E-05	7.88E-05	6.0671E-04
606090.36	4201797.89	22578.02489	0.00441	0.0044	0.02853	0.02919	0.6679	0.62961	3.97E-04	9.16E-07	9.26E-07	9.61E-06	9.79E-06	8.06E-05	7.59E-05	5.7435E-04
606095.72	4201675.21	43046.89854	0.00513	0.00513	0.0314	0.03199	0.67543	0.64308	7.56E-04	1.07E-06	1.08E-06	1.06E-05	1.07E-05	8.16E-05	7.75E-05	9.3862E-04
606099.47	4201581.62	71817.15811	0.00606	0.00609	0.03484	0.0354	0.5984	0.57484	1.26E-03	1.26E-06	1.28E-06	1.17E-05	1.19E-05	7.23E-05	6.93E-05	1.4291E-03
606101.76	4201726.82	32236.44824	0.00475	0.00475	0.03002	0.03063	0.6668	0.63265	5.66E-04	9.86E-07	9.99E-07	1.01E-05	1.03E-05	8.05E-05	7.62E-05	7.4536E-04
606102.82	4201623.19	57467.33381	0.00583	0.00584	0.03447	0.03507	0.6223	0.59573	1.01E-03	1.21E-06	1.23E-06	1.16E-05	1.18E-05	7.51E-05	7.18E-05	1.1822E-03
606107.43	4201441.37	283229.8569	0.00604	0.0061	0.03123	0.03167	0.45479	0.44346	4.97E-03	1.25E-06	1.28E-06	1.05E-05	1.06E-05	5.49E-05	5.34E-05	5.1069E-03
606108.13	4201514.12	123588.6107	0.00572	0.00576	0.03177	0.03226	0.53396	0.5157	2.17E-03	1.19E-06	1.21E-06	1.07E-05	1.08E-05	6.45E-05	6.22E-05	2.3214E-03
606112.33	4201491.04	151596.2352	0.00573	0.00578	0.03129	0.03176	0.5038	0.48785	2.66E-03	1.19E-06	1.22E-06	1.05E-05	1.07E-05	6.08E-05	5.88E-05	2.8060E-03
606113.03	4201537.21	104497.3174	0.00599	0.00602	0.03358	0.03412	0.54143	0.52235	1.84E-03	1.24E-06	1.27E-06	1.13E-05	1.14E-05	6.54E-05	6.30E-05	1.9891E-03
606113.38	4201469.7	185982.1473	0.00578	0.00584	0.03096	0.03142	0.47906	0.46517	3.27E-03	1.20E-06	1.23E-06	1.04E-05	1.05E-05	5.78E-05	5.61E-05	3.4040E-03
606118.24	4201586.99	72118.31807	0.00623	0.00625	0.03577	0.03633	0.56012	0.53862	1.27E-03	1.29E-06	1.31E-06	1.20E-05	1.22E-05	6.76E-05	6.49E-05	1.4261E-03
606121.87	4201679.23	45150.62247	0.00533	0.00533	0.0325	0.03312	0.61024	0.58199	7.93E-04	1.11E-06	1.12E-06	1.09E-05	1.11E-05	7.37E-05	7.01E-05	9.6117E-04
606125.89	4201728.17	34008.94139	0.0049	0.0049	0.03089	0.03151	0.60602	0.57587	5.97E-04	1.02E-06	1.03E-06	1.04E-05	1.06E-05	7.32E-05	6.94E-05	7.6296E-04
606129.64	4201621.18	60779.87889	0.00617	0.00618	0.03619	0.03679	0.55775	0.53516	1.07E-03	1.28E-06	1.30E-06	1.22E-05	1.23E-05	6.73E-05	6.45E-05	1.2265E-03
606129.91	4201828.72	21993.39256	0.00457	0.00455	0.02973	0.03044	0.55025	0.51907	3.86E-04	9.49E-07	9.57E-07	1.00E-05	1.02E-05	6.64E-05	6.26E-05	5.3744E-04
606130.58	4201805.26	24061.91486	0.00461	0.0046	0.02995	0.03064	0.56383	0.5328	4.23E-04	9.57E-07	9.68E-07	1.01E-05	1.03E-05	6.81E-05	6.42E-05	5.7723E-04
606133.93	4201786.49	26277.54841	0.00469	0.00468	0.03032	0.03099	0.56754	0.53717	4.62E-04	9.74E-07	9.85E-07	1.02E-05	1.04E-05	6.85E-05	6.47E-05	6.1739E-04
606141.04	4201589.67	74179.38233	0.00642	0.00644	0.03677	0.03734	0.51698	0.49775	1.30E-03	1.33E-06	1.35E-06	1.24E-05	1.25E-05	6.24E-05	6.00E-05	1.4530E-03
606143.99	4201858.89	21547.46245	0.00493	0.0049	0.03106	0.03184	0.51152	0.48174	3.78E-04	1.02E-06	1.03E-06	1.05E-05	1.07E-05	6.18E-05	5.81E-05	5.2150E-04
606147.07	4201623.19	62068.99185	0.00633	0.00634	0.03703	0.03763	0.52396	0.50317	1.09E-03	1.31E-06	1.33E-06	1.25E-05	1.26E-05	6.33E-05	6.06E-05	1.2419E-03
606149.35	4201736.88	34509.94103	0.00503	0.00503	0.03171	0.03234	0.55334	0.52623	6.06E-04	1.04E-06	1.06E-06	1.07E-05	1.08E-05	6.68E-05	6.34E-05	7.6002E-04
606149.76	4201533.71	116979.5798	0.00613	0.00616	0.0343	0.03484	0.47488	0.45941	2.05E-03	1.27E-06	1.30E-06	1.16E-05	1.17E-05	5.73E-05	5.54E-05	2.1932E-03
606154.05	4201702.02	42835.75919	0.00538	0.00538	0.03306	0.03369	0.54511	0.51992	7.52E-04	1.12E-06	1.13E-06	1.11E-05	1.13E-05	6.58E-05	6.27E-05	9.0557E-04
606158.5	4201482.99	174493.48	0.0059	0.00594	0.03213	0.03261	0.42498	0.41332	3.06E-03	1.23E-06	1.25E-06	1.08E-05	1.09E-05	5.13E-05	4.98E-05	3.1903E-03
606159.41	4201679.23	49546.0467	0.0057	0.0057	0.03449	0.03514	0.52947	0.50624	8.70E-04	1.18E-06	1.20E-06	1.16E-05	1.18E-05	6.39E-05	6.10E-05	1.0210E-03
606161.65	4201457.81	241656.556	0.00613	0.00619	0.03251	0.03298	0.39911	0.38931	4.24E-03	1.27E-06	1.30E-06	1.09E-05	1.11E-05	4.82E-05	4.69E-05	4.3643E-03
606162.49	4201601.07	71817.55996	0.00661	0.00663	0.03788	0.03847	0.4848	0.46681	1.26E-03	1.37E-06	1.39E-06	1.28E-05	1.29E-05	5.85E-05	5.63E-05	1.4047E-03
606166.11	4201859.56	21893.6348	0.00494	0.00491	0.03146	0.03225	0.46458	0.4385	3.85E-04	1.03E-06	1.03E-06	1.06E-05	1.08E-05	5.61E-05	5.28E-05	5.1697E-04
606167.94	4201503.63	151113.8193	0.00598	0.00602	0.03303	0.03355	0.4283	0.41573	2.65E-03	1.24E-06	1.27E-06	1.11E-05	1.13E-05	5.17E-05	5.01E-05	2.7810E-03
606169.34	4201536.16	118849.0033	0.00625	0.00628	0.035	0.03556	0.44671	0.43255	2.09E-03	1.30E-06	1.32E-06	1.18E-05	1.19E-05	5.39E-05	5.21E-05	2.2200E-03
606172.54	4201623.86	64679.42397	0.00655	0.00657	0.03815	0.03877	0.4793	0.46084	1.14E-03	1.36E-06	1.38E-06	1.28E-05	1.30E-05	5.79E-05	5.55E-05	1.2781E-03
606182.87	4201797.22	28691.45007	0.00514	0.00512	0.03271	0.03343	0.47228	0.44795	5.04E-04	1.07E-06	1.08E-06	1.10E-05	1.12E-05	5.70E-05	5.40E-05	6.3935E-04
606182.87	4201815.32	26346.27452	0.00504	0.00501	0.0323	0.03303	0.46134	0.43713	4.63E-04	1.05E-06	1.05E-06	1.09E-05	1.11E-05	5.57E-05	5.27E-05	5.9521E-04
606186.48	4201435.77	378704.789	0.00671	0.00678	0.03449	0.03497	0.3523	0.34516	6.65E-03	1.39E-06	1.43E-06	1.16E-05	1.17E-05	4.25E-05	4.16E-05	6.7622E-03
606186.89	4201842.13	23441.66255	0.00491	0.00488	0.03187	0.03262	0.43551	0.41226	4.12E-04	1.02E-06	1.03E-06	1.07E-05	1.09E-05	5.26E-05	4.97E-05	5.3774E-04
606187.56	4201772.41	32121.33852	0.00524	0.00522	0.03308	0.03377	0.47367	0.45023	5.64E-04	1.09E-06	1.10E-06	1.11E-05	1.13E-05	5.72E-05	5.43E-05	7.0031E-04
606194.94	4201745.6	37046.61997	0.00544	0.00542	0.03384	0.03451	0.46864	0.44644	6.51E-04	1.13E-06	1.14E-06	1.14E-05	1.16E-05	5.66E-05	5.38E-05	7.8635E-04
606202.98	4201718.78	43842.38342	0.00578	0.00577	0.03527	0.03596	0.45859	0.43782	7.70E-04	1.20E-06	1.21E-06	1.19E-05	1.21E-05	5.54E-05	5.28E-05	9.0458E-04
606207.68	4201693.98	50127.87863	0.00609	0.00608	0.03664	0.03734	0.44889	0.4296	8.80E-04	1.26E-06	1.28E-06	1.23E-05	1.25E-05	5.42E-05	5.18E-05	1.0139E-03
606208.52	4201434.72	382775.6559	0.00698	0.00705	0.03573	0.03624	0.33074	0.3243	6.72E-03	1.45E-06	1.48E-06	1.20E-05	1.22E-05	3.99E-05	3.91E-05	6.8295E-03
606212.37	4201484.74	185374.9862	0.00617	0.00621	0.0337	0.03421	0.36252	0.35339	3.26E-03	1.28E-06	1.31E-06	1.13E-05	1.15E-05	4.38E-05	4.26E-05	3.3678E-03
606214.45	4201529.7	135062.2606	0.00638	0.00641	0.0356	0.03617	0.38559	0.37434	2.37E-03	1.32E-06	1.35E-06	1.20E-05	1.21E-05	4.66E-05	4.51E-05	2.4908E-03
606216.45	4201599.79	79088.80353	0.00707	0.00709	0.04004	0.04067	0.4064	0.39222	1.39E-03	1.47E-06	1.49E-06	1.35E-05	1.36E-05	4.91E-05	4.73E-05	1.5156E-03
606217.24	4201646.32	62361.11118	0.00675	0.00675	0.03958	0.04024	0.42134	0.40502	1.10E-03	1.40E-06	1.42E-06	1.33E-05	1.35E-05	5.09E-05	4.88E-05	1.2247E-03
606219	4201578.94	91293.87998	0.00699	0.00701	0.03936	0.03997	0.39744	0.38432	1.60E-03	1.45E-06	1.47E-06	1.33E-05	1.34E-05	4.80E-05	4.63E-05	1.7275E-03
606221.97	4201624.24	69732.07057	0.007	0.00701	0.0403	0.04094	0.40743	0.39244	1.22E-03	1.45E-06	1.47E-06	1.36E-05	1.37E-05	4.92E-05	4.73E-05	1.3516E-03
606229.86	4201440.32	358329.6538	0.00709	0.00715	0.03649	0.03702	0.31659	0.31036	6.29E-03	1.47E-06	1.50E-06	1.23E-05	1.24E-05	3.82E-05	3.74E-05	6.3973E-03
606233.34	4201488.04	184499.7035	0.00628	0.00632	0.0344	0.03493	0.34346	0.33492	3.24E-03	1.30E-06	1.33E-06	1.16E-05	1.17E-05	4.15E-05	4.04E-05	3.3485E-03
606235.77	4201525.82	140866.5387	0.00642	0.00645	0.03575	0.03633	0.36059	0.35044	2.47E-03	1.33E-06	1.36E-06	1.20E-05	1.22E-05	4.35E-05	4.22E-05	2.5870E-03
606249.57	4201574.58	98977.57888	0.00712	0.00713	0.03998	0.04061	0.3626	0.3511	1.74E-03	1.48E-06	1.50E-06	1.35E-05	1.36E-05	4.38E-05	4.23E-05	1.8547E-03
606250.49	4201437.52	366111.7214	0.00742	0.00749	0.03795	0.0385	0.29818	0.29257	6.43E-03	1.54E-06	1.58E-06	1.28E-05	1.29E-05	3.60E-05	3.53E-05	6.5307E-03
606251.94	4201658.94	61418.01262	0.00704	0.00703	0.04113	0.04184	0.37955	0.36484	1.08E-03	1.46E-06	1.48E-06	1.39E-05	1.40E-05	4.58E-05	4.40E-05	1.1994E-03
606252.92	4201711.54	49274.28748	0.0065	0.00648	0.03885	0.03961	0.38673	0.37012	8.65E-04	1.35E-06	1.36E-06	1.31E-05	1.33E-05	4.67E-05	4.46E-05	9.8588E-04
606253.2	4201487.56	192730.2027	0.00644	0.00648	0.03518	0.03573	0.32505	0.31711	3.39E-03	1.34E-06	1.36E-06	1.18E-05	1.20E-05	3.92E-05	3.82E-05	3.4893E-03
606256.67	4201638.44	68016.57235	0.00724	0.00724	0.04173	0.04242	0.36934	0.35573	1.19E-03	1.50E-06	1.52E-06	1.41E-05	1.42E-05	4.46E-05	4.29E-05	1.3135E-03
606262.4	4201524.85	144915.4396	0.00655	0.00657	0.03637	0.03696	0.33419	0.32504	2.55E-03	1.36E-06	1.38E-06	1.22E-05	1.24E-05	4.04E-05	3.92E-05	2.6523E-03
606269.15	4201720.69	48295.48285	0.00665	0.00662	0.03962	0.0404	0.36687	0.35109	8.48E-04	1.38E-06	1.39E-06	1.33E-05	1.36E-05	4.43E-05	4.23E-05	9.6458E-04
606269.29	4201609.25	80280.89668	0.00755	0.00755	0.04245	0.04312	0.3488	0.33689	1.41E-03	1.57E-06	1.59E-06	1.43E-05	1.45E-05	4.21E-05	4.06E-05	1.5248E-03
606269.72	4201778.05	38191.72794	0.00646	0.00642	0.03887	0.03968	0.35941	0.34275	6.71E-04	1.34E-06	1.35E-06	1.31E-05	1.33E-05	4.34E-05	4.13E-05	7.8463E-04
606270.87	4201576.12	101193.1763	0.00721	0.00722	0.04047	0.04114	0.34211	0.33139	1.78E-03	1.50E-06	1.52E-06	1.36E-05	1.38E-05	4.13E-05	3.99E-05	1.8891E-03
606272.88	4201439.62	359319.3502	0.00761	0.00768	0.03897	0.03955	0.28333	0.278	6.31E-03	1.58E-06	1.62E-06	1.31E-05	1.33E-05	3.42E-05	3.35E-05	6.4087E-03
606275.48	4201489.01	195546.7373	0.00663	0.00666	0.03611	0.03667	0.30709	0.29972	3.43E-03	1.38E-06	1.40E-06	1.22E-05	1.23E-05	3.71E-05	3.61E-05	3.5352E-03
606276.42	4201759.93	41396.60809	0.00659	0.00655	0.03943	0.04024	0.35501	0.33903	7.27E-04	1.37E-06	1.38E-06	1.33E-05	1.35E-05	4.29E-05	4.09E-05	8.4037E-04
606279.84	4201522.43	149003.3999	0.00662	0.00664	0.03671	0.03731	0.31771	0.30922	2.62E-03	1.37E-06	1.40E-06	1.24E-05	1.25E-05	3.84E-05	3.73E-05	2.7205E-03
606289.5	4201742.98	44999.13942	0.00683	0.00678	0.04052	0.04134	0.34242	0.32754	7.90E-04	1.42E-06	1.43E-06	1.36E-05	1.39E-05	4.13E-05	3.95E-05	9.0158E-04
606291.38	4201574.55	105891.2118	0.0072	0.00721	0.04034	0.04103	0.32357	0.31366	1.86E-03	1.50E-06	1.52E-06	1.36E-05	1.38E-05	3.91E-05	3.78E-05	1.9672E-03
606292.47	4201438.92	363227.2522	0.00786	0.00792	0.0401	0.04072	0.26981	0.26483	6.38E-03	1.63E-06	1.67E-06	1.35E-05	1.37E-05	3.26E-05	3.19E-05	6.4750E-03
606293.82	4201678.82	58735.9382	0.0074	0.00737	0.04307	0.04383	0.33569	0.32263	1.03E-03	1.54E-06	1.55E-06	1.45E-05	1.47E-05	4.05E-05	3.89E-05	1.1434E-03
606297.28	4201490.95	197009.3281	0.00682	0.00685	0.03708	0.03767	0.29114	0.28426	3.46E-03	1.42E-06	1.44E-06	1.25E-05	1.26E-05	3.52E-05	3.43E-05	3.5578E-03
606298.76	4201611.71	82539.04025	0.0077	0.0077	0.04332	0.04403	0.32195	0.31115	1.45E-03	1.60E-06	1.62E-06	1.46E-05	1.48E-05	3.89E-05	3.75E-05	1.5587E-03
606300.16	4201729.9	47979.15732	0.00704	0.007	0.04152	0.04235	0.33193	0.31781	8.43E-04	1.46E-06	1.47E-06	1.40E-05	1.42E-05	4.01E-05	3.83E-05	9.5225E-04
606304.54	4201523.88	149390.9043	0.00674	0.00676	0.03736	0.03798	0.29807	0.29024	2.62E-03	1.40E-06	1.42E-06	1.26E-05	1.27E-05	3.60E-05	3.50E-05	2.7231E-03
606309.88	4201659.06	64795.24952	0.00782	0.00781	0.04472	0.04548	0.31669	0.305	1.14E-03	1.62E-06	1.64E-06	1.51E-05	1.53E-05	3.82E-05	3.68E-05	1.2467E-03
606312.67	4201570.6	111937.449	0.0072	0.0072	0.04018	0.04088	0.30494	0.29587	1.97E-03	1.50E-06	1.51E-06	1.35E-05	1.37E-05	3.68E-05	3.57E-05	2.0689E-03
606314.81	4201788.73	38393.81853	0.00723	0.00717	0.0427	0.04361	0.30859	0.29469	6.74E-04	1.50E-06	1.51E-06	1.44E-05	1.46E-05	3.73E-05	3.55E-05	7.7917E-04
606315.23	4201638.06	72209.0114	0.00796	0.00796	0.04495	0.04571	0.30971	0.29881	1.27E-03	1.65E-06	1.67E-06	1.51E-05	1.53E-05	3.74E-05	3.60E-05	1.3755E-03
606315.55	4201437.87	368314.3779	0.00819	0.00825	0.04159	0.04225	0.25498	0.25036	6.47E-03	1.70E-06	1.74E-06	1.40E-05	1.42E-05	3.08E-05	3.02E-05	6.5619E-03
606319.56	4201491.43	201105.0786	0.00705	0.00708	0.03815	0.03876	0.27551	0.26911	3.53E-03	1.46E-06	1.49E-06	1.28E-05	1.30E-05	3.33E-05	3.24E-05	3.6269E-03
606323.91	4201523.4	150831.358	0.00683	0.00684	0.03781	0.03844	0.28333	0.27604	2.65E-03	1.42E-06	1.44E-06	1.27E-05	1.29E-05	3.42E-05	3.33E-05	2.7453E-03
606326.76	4201698.59	55431.93955	0.00774	0.00771	0.04489	0.04571	0.30456	0.29261	9.74E-04	1.61E-06	1.62E-06	1.51E-05	1.53E-05	3.68E-05	3.53E-05	1.0794E-03
606330.59	4201761.12	43369.61097	0.00746	0.00741	0.04373	0.04463	0.29858	0.28574	7.62E-04	1.55E-06	1.56E-06	1.47E-05	1.50E-05	3.61E-05	3.44E-05	8.6507E-04
606330.81	4201577.7	108495.2812	0.00737	0.00737	0.04113	0.04186	0.29204	0.28324	1.91E-03	1.53E-06	1.55E-06	1.39E-05	1.40E-05	3.53E-05	3.41E-05	2.0061E-03
606336.02	4201492.4	202354.0256	0.00721	0.00724	0.03893	0.03957	0.26498	0.25888	3.55E-03	1.50E-06	1.52E-06	1.31E-05	1.33E-05	3.20E-05	3.12E-05	3.6469E-03
606336.54	4201438.57	365232.7276	0.00846	0.00852	0.04294	0.04363	0.24329	0.2389	6.42E-03	1.76E-06	1.79E-06	1.45E-05	1.46E-05	2.94E-05	2.88E-05	6.5060E-03
606339.11	4201680.06	60110.12094	0.00824	0.00822	0.0468	0.04761	0.29142	0.2805	1.06E-03	1.71E-06	1.73E-06	1.58E-05	1.60E-05	3.52E-05	3.38E-05	1.1600E-03
606346.36	4201775.32	41439.77775	0.00773	0.00768	0.04534	0.04629	0.28201	0.26981	7.28E-04	1.61E-06	1.62E-06	1.53E-05	1.55E-05	3.41E-05	3.25E-05	8.2847E-04
606348.13	4201523.88	151173.9414	0.00701	0.00703	0.03872	0.03937	0.26672	0.25996	2.66E-03	1.46E-06	1.48E-06	1.30E-05	1.32E-05	3.22E-05	3.13E-05	2.7481E-03
606348.58	4201660.71	65847.91705	0.00854	0.00855	0.04773	0.04853	0.28221	0.2721	1.16E-03	1.77E-06	1.80E-06	1.61E-05	1.63E-05	3.41E-05	3.28E-05	1.2594E-03
606356.48	4201437.17	370145.4273	0.00883	0.00889	0.04455	0.04527	0.23196	0.2278	6.50E-03	1.83E-06	1.87E-06	1.50E-05	1.52E-05	2.80E-05	2.75E-05	6.5909E-03
606356.84	4201575.34	112817.1635	0.00739	0.00739	0.04115	0.04189	0.27272	0.26475	1.98E-03	1.53E-06	1.55E-06	1.39E-05	1.41E-05	3.29E-05	3.19E-05	2.0774E-03
606357.23	4201635.59	76591.73419	0.00828	0.00827	0.0464	0.04722	0.27652	0.26712	1.35E-03	1.72E-06	1.74E-06	1.56E-05	1.58E-05	3.34E-05	3.22E-05	1.4458E-03
606357.41	4201787.15	39767.24334	0.00795	0.0079	0.04682	0.04777	0.27007	0.25845	6.99E-04	1.65E-06	1.66E-06	1.58E-05	1.60E-05	3.26E-05	3.11E-05	7.9737E-04
606361.21	4201490.46	212129.0933	0.00754	0.00757	0.04041	0.04109	0.24889	0.24331	3.73E-03	1.57E-06	1.59E-06	1.36E-05	1.38E-05	3.01E-05	2.93E-05	3.8159E-03
606365.08	4201531.15	144666.2498	0.00714	0.00715	0.03945	0.04012	0.25767	0.25106	2.54E-03	1.48E-06	1.50E-06	1.33E-05	1.35E-05	3.11E-05	3.03E-05	2.6321E-03
606373.59	4201720.63	52051.131	0.00838	0.00834	0.04834	0.04926	0.26368	0.25344	9.14E-04	1.74E-06	1.75E-06	1.63E-05	1.65E-05	3.18E-05	3.05E-05	1.0129E-03
606374.98	4201580.86	110191.5484	0.00752	0.00751	0.04179	0.04256	0.26128	0.25362	1.94E-03	1.56E-06	1.58E-06	1.41E-05	1.43E-05	3.15E-05	3.06E-05	2.0291E-03
606381.66	4201440.67	354658.2757	0.00913	0.00918	0.04611	0.04688	0.22086	0.21683	6.23E-03	1.90E-06	1.93E-06	1.55E-05	1.57E-05	2.67E-05	2.61E-05	6.3174E-03
606383.49	4201491.43	214653.2747	0.00782	0.00784	0.04172	0.04244	0.23661	0.23138	3.77E-03	1.62E-06	1.65E-06	1.41E-05	1.42E-05	2.86E-05	2.79E-05	3.8584E-03
606386.35	4201698.4	57103.9306	0.00883	0.00883	0.05021	0.05112	0.25417	0.24476	1.00E-03	1.83E-06	1.86E-06	1.69E-05	1.71E-05	3.07E-05	2.95E-05	1.1010E-03
606388.41	4201737.51	49114.90644	0.00852	0.00848	0.04926	0.05022	0.25163	0.24177	8.63E-04	1.77E-06	1.78E-06	1.66E-05	1.68E-05	3.04E-05	2.91E-05	9.5920E-04
606388.82	4201528.24	152468.4479	0.00746	0.00746	0.04086	0.04158	0.24275	0.23663	2.68E-03	1.55E-06	1.57E-06	1.38E-05	1.39E-05	2.93E-05	2.85E-05	2.7667E-03
606396.28	4201577.7	110271.7517	0.00745	0.00744	0.04156	0.04232	0.24722	0.24018	1.94E-03	1.55E-06	1.57E-06	1.40E-05	1.42E-05	2.99E-05	2.89E-05	2.0270E-03
606400.2	4201441.37	350888.0744	0.00942	0.00947	0.0475	0.04831	0.21245	0.20856	6.16E-03	1.96E-06	1.99E-06	1.60E-05	1.62E-05	2.57E-05	2.51E-05	6.2502E-03
606400.76	4201753.16	46518.77688	0.00864	0.00861	0.05016	0.05117	0.24146	0.23194	8.17E-04	1.79E-06	1.81E-06	1.69E-05	1.72E-05	2.92E-05	2.80E-05	9.1186E-04
606400.88	4201682.12	62188.14402	0.00903	0.00903	0.05074	0.05167	0.24528	0.23652	1.09E-03	1.88E-06	1.90E-06	1.71E-05	1.73E-05	2.96E-05	2.85E-05	1.1886E-03
606403.83	4201491.43	217693.2932	0.00813	0.00815	0.04317	0.04393	0.22595	0.22097	3.82E-03	1.69E-06	1.71E-06	1.45E-05	1.47E-05	2.73E-05	2.66E-05	3.9103E-03
606409.52	4201629	84223.27646	0.0084	0.00836	0.04646	0.04737	0.24318	0.2353	1.48E-03	1.74E-06	1.76E-06	1.56E-05	1.59E-05	2.94E-05	2.84E-05	1.5721E-03
606409.64	4201527.76	155482.3665	0.00774	0.00774	0.04215	0.04291	0.23105	0.2253	2.73E-03	1.61E-06	1.63E-06	1.42E-05	1.44E-05	2.79E-05	2.72E-05	2.8179E-03
606411.88	4201772.51	43340.05581	0.00879	0.00875	0.05141	0.05245	0.2314	0.22223	7.61E-04	1.83E-06	1.84E-06	1.73E-05	1.76E-05	2.79E-05	2.68E-05	8.5456E-04
606415.59	4201718.16	53445.27406	0.00914	0.00913	0.05233	0.05333	0.23368	0.225	9.39E-04	1.90E-06	1.92E-06	1.76E-05	1.79E-05	2.82E-05	2.71E-05	1.0334E-03
606415.7	4201656.59	72827.20793	0.00868	0.00864	0.0482	0.04914	0.23952	0.23135	1.28E-03	1.80E-06	1.82E-06	1.62E-05	1.65E-05	2.89E-05	2.79E-05	1.3723E-03
606417.34	4201441.37	351723.3273	0.00966	0.00971	0.04868	0.04951	0.20498	0.20123	6.18E-03	2.01E-06	2.04E-06	1.64E-05	1.66E-05	2.48E-05	2.43E-05	6.2640E-03
606421.52	4201578.49	110821.8231	0.00771	0.00769	0.0428	0.0436	0.23248	0.22594	1.95E-03	1.60E-06	1.62E-06	1.44E-05	1.46E-05	2.81E-05	2.72E-05	2.0341E-03

606425.14	4201492.89	215126.3034	0.00845	0.00846	0.04467	0.04547	0.2158	0.21103	3.78E-03	1.75E-06	1.78E-06	1.50E-05	1.53E-05	2.61E-05	2.54E-05	3.8640E-03
606430	4201786.92	41310.82984	0.00911	0.00907	0.05352	0.0546	0.21774	0.20919	7.26E-04	1.89E-06	1.91E-06	1.80E-05	1.83E-05	2.63E-05	2.52E-05	8.1726E-04
606431.64	4201749.04	47704.07124	0.00924	0.00921	0.05344	0.05451	0.22141	0.21302	8.38E-04	1.92E-06	1.94E-06	1.80E-05	1.83E-05	2.67E-05	2.57E-05	9.3046E-04
606431.92	4201532.6	151763.5296	0.00801	0.00801	0.04351	0.04431	0.22036	0.21484	2.67E-03	1.66E-06	1.69E-06	1.47E-05	1.49E-05	2.66E-05	2.59E-05	2.7511E-03
606433.4	4201693.65	61071.31134	0.00911	0.00907	0.05109	0.0521	0.22648	0.21851	1.07E-03	1.89E-06	1.91E-06	1.72E-05	1.75E-05	2.73E-05	2.63E-05	1.1649E-03
606441.24	4201580.07	111525.3666	0.00806	0.00803	0.04432	0.04517	0.22195	0.21574	1.96E-03	1.67E-06	1.69E-06	1.49E-05	1.52E-05	2.68E-05	2.60E-05	2.0452E-03
606444.62	4201444.87	335046.4534	0.01007	0.01011	0.05069	0.05157	0.19467	0.19103	5.89E-03	2.09E-06	2.13E-06	1.71E-05	1.73E-05	2.35E-05	2.30E-05	5.9701E-03
606447.91	4201503.06	196781.6239	0.00868	0.00868	0.04594	0.04678	0.20732	0.2026	3.46E-03	1.80E-06	1.83E-06	1.55E-05	1.57E-05	2.50E-05	2.44E-05	3.5407E-03
606453.07	4201608.46	96450.76833	0.00837	0.00832	0.04583	0.04674	0.21801	0.21149	1.69E-03	1.74E-06	1.75E-06	1.54E-05	1.57E-05	2.63E-05	2.55E-05	1.7805E-03
606454.65	4201658.94	74126.5574	0.00881	0.00875	0.04812	0.04912	0.21821	0.21096	1.30E-03	1.83E-06	1.84E-06	1.62E-05	1.65E-05	2.63E-05	2.54E-05	1.3901E-03
606455.43	4201631.34	85419.19014	0.00847	0.00841	0.04636	0.04729	0.21781	0.21098	1.50E-03	1.76E-06	1.77E-06	1.56E-05	1.59E-05	2.63E-05	2.54E-05	1.5871E-03
606456.22	4201751.23	47766.93195	0.00961	0.00957	0.05545	0.05658	0.20721	0.19951	8.39E-04	2.00E-06	2.01E-06	1.87E-05	1.90E-05	2.50E-05	2.40E-05	9.2974E-04
606459.38	4201686.55	64736.22761	0.00916	0.0091	0.05034	0.05139	0.21428	0.20683	1.14E-03	1.90E-06	1.91E-06	1.70E-05	1.72E-05	2.59E-05	2.49E-05	1.2259E-03
606459.53	4201534.54	152476.1002	0.00849	0.00848	0.04567	0.04653	0.20728	0.20213	2.68E-03	1.76E-06	1.78E-06	1.54E-05	1.56E-05	2.50E-05	2.44E-05	2.7621E-03
606461.74	4201579.28	112658.8245	0.00835	0.00832	0.04559	0.04648	0.21143	0.20553	1.98E-03	1.73E-06	1.75E-06	1.54E-05	1.56E-05	2.55E-05	2.48E-05	2.0636E-03
606474	4201459.56	278767.5428	0.0103	0.01033	0.05236	0.05327	0.18675	0.18306	4.90E-03	2.14E-06	2.17E-06	1.76E-05	1.79E-05	2.25E-05	2.21E-05	4.9809E-03
606498.84	4201448.36	310194.892	0.01164	0.0117	0.0564	0.05731	0.17472	0.17138	5.45E-03	2.42E-06	2.46E-06	1.90E-05	1.92E-05	2.11E-05	2.07E-05	5.5333E-03
606507.25	4201499.81	195704.0086	0.00982	0.00981	0.051	0.05195	0.18207	0.17796	3.44E-03	2.04E-06	2.06E-06	1.72E-05	1.74E-05	2.20E-05	2.14E-05	3.5196E-03
606508.65	4201695.39	63238.97959	0.00936	0.0093	0.0506	0.05171	0.19016	0.18376	1.11E-03	1.94E-06	1.96E-06	1.70E-05	1.73E-05	2.30E-05	2.21E-05	1.1942E-03
606508.93	4201744.7	50874.0571	0.00995	0.00989	0.05549	0.05671	0.18481	0.17822	8.94E-04	2.07E-06	2.08E-06	1.87E-05	1.90E-05	2.23E-05	2.15E-05	9.7924E-04
606509	4201630.66	82106.17486	0.00869	0.00861	0.04735	0.0483	0.19143	0.18568	1.44E-03	1.80E-06	1.81E-06	1.59E-05	1.62E-05	2.31E-05	2.24E-05	1.5234E-03
606510.05	4201608.27	93366.72224	0.00882	0.00875	0.04775	0.0487	0.19072	0.18521	1.64E-03	1.83E-06	1.84E-06	1.61E-05	1.63E-05	2.30E-05	2.23E-05	1.7214E-03
606510.05	4201720.93	56451.06671	0.00973	0.00968	0.05329	0.05449	0.18729	0.18071	9.92E-04	2.02E-06	2.04E-06	1.79E-05	1.83E-05	2.26E-05	2.18E-05	1.0762E-03
606511.8	4201676.15	67721.25027	0.00902	0.00895	0.04883	0.04987	0.18961	0.18344	1.19E-03	1.87E-06	1.88E-06	1.64E-05	1.67E-05	2.29E-05	2.21E-05	1.2714E-03
606512.15	4201523.95	161649.8163	0.00966	0.00963	0.05062	0.05158	0.18339	0.179	2.84E-03	2.01E-06	2.03E-06	1.70E-05	1.73E-05	2.21E-05	2.16E-05	2.9214E-03
606512.15	4201589.73	103978.4102	0.00896	0.00889	0.04819	0.04913	0.1891	0.18384	1.83E-03	1.86E-06	1.87E-06	1.62E-05	1.65E-05	2.28E-05	2.22E-05	1.9078E-03
606512.5	4201654.8	73018.38044	0.00875	0.00867	0.04771	0.04869	0.18963	0.1837	1.28E-03	1.82E-06	1.82E-06	1.61E-05	1.63E-05	2.29E-05	2.21E-05	1.3636E-03
606513.2	4201565.24	122004.1138	0.0092	0.00914	0.04898	0.04994	0.18706	0.1822	2.14E-03	1.91E-06	1.92E-06	1.65E-05	1.68E-05	2.26E-05	2.20E-05	2.2246E-03
606516.35	4201548.09	136435.5217	0.00949	0.00944	0.05005	0.05102	0.18432	0.17964	2.40E-03	1.97E-06	1.99E-06	1.69E-05	1.71E-05	2.23E-05	2.16E-05	2.4783E-03
606518.78	4201441.37	333330.8184	0.01217	0.01224	0.05821	0.05911	0.16672	0.16362	5.85E-03	2.53E-06	2.57E-06	1.96E-05	1.98E-05	2.01E-05	1.97E-05	5.9393E-03
606541.86	4201446.62	283214.3489	0.0125	0.01257	0.06004	0.06098	0.1605	0.15745	4.97E-03	2.60E-06	2.64E-06	2.02E-05	2.05E-05	1.94E-05	1.90E-05	5.0589E-03
606547.14	4201545.99	132995.9084	0.0103	0.01024	0.0534	0.05445	0.17228	0.16796	2.34E-03	2.14E-06	2.15E-06	1.80E-05	1.83E-05	2.08E-05	2.02E-05	2.4176E-03
606547.49	4201643.96	76569.02346	0.00937	0.0093	0.05025	0.05128	0.17528	0.17	1.34E-03	1.95E-06	1.96E-06	1.69E-05	1.72E-05	2.12E-05	2.05E-05	1.4246E-03
606549.59	4201682.79	63632.61317	0.0092	0.00915	0.05031	0.05138	0.17272	0.1672	1.12E-03	1.91E-06	1.92E-06	1.69E-05	1.72E-05	2.09E-05	2.02E-05	1.1967E-03
606549.94	4201527.45	148397.7727	0.01062	0.01058	0.05473	0.05581	0.16957	0.16546	2.61E-03	2.21E-06	2.23E-06	1.84E-05	1.87E-05	2.05E-05	1.99E-05	2.6886E-03
606550.58	4201746.15	50948.6615	0.01023	0.01017	0.05633	0.05766	0.16782	0.16202	8.95E-04	2.12E-06	2.14E-06	1.90E-05	1.93E-05	2.03E-05	1.95E-05	9.7727E-04
606550.64	4201703.09	59274.93607	0.00932	0.00928	0.05116	0.05228	0.1712	0.16562	1.04E-03	1.94E-06	1.95E-06	1.72E-05	1.75E-05	2.07E-05	2.00E-05	1.1204E-03
606550.64	4201723.38	55875.24696	0.00968	0.00964	0.05302	0.05422	0.16999	0.1643	9.81E-04	2.01E-06	2.03E-06	1.79E-05	1.82E-05	2.05E-05	1.98E-05	1.0618E-03
606551.69	4201619.47	86585.58207	0.00961	0.00953	0.0509	0.05193	0.17394	0.16892	1.52E-03	2.00E-06	2.00E-06	1.71E-05	1.74E-05	2.10E-05	2.04E-05	1.6008E-03
606552.74	4201663.55	69683.60326	0.00937	0.0093	0.0506	0.05166	0.17257	0.16723	1.22E-03	1.95E-06	1.96E-06	1.70E-05	1.73E-05	2.08E-05	2.02E-05	1.3032E-03
606553.44	4201490.71	187340.484	0.01129	0.01127	0.0574	0.05847	0.16404	0.16047	3.29E-03	2.34E-06	2.37E-06	1.93E-05	1.96E-05	1.98E-05	1.93E-05	3.3734E-03
606554.49	4201509.26	164901.3976	0.01102	0.01099	0.05639	0.05747	0.16599	0.16215	2.90E-03	2.29E-06	2.31E-06	1.90E-05	1.93E-05	2.00E-05	1.95E-05	2.9789E-03
606562.5	4201446.27	249415.2106	0.0129	0.01297	0.06179	0.06276	0.15439	0.15145	4.38E-03	2.68E-06	2.73E-06	2.08E-05	2.11E-05	1.86E-05	1.83E-05	4.4651E-03
606564.63	4201574.33	110033.7022	0.01045	0.01037	0.05401	0.0551	0.16784	0.16339	1.93E-03	2.17E-06	2.18E-06	1.82E-05	1.85E-05	2.03E-05	1.97E-05	2.0137E-03
606575.48	4201609.67	90295.53199	0.0103	0.01022	0.05359	0.05469	0.1651	0.16047	1.59E-03	2.14E-06	2.15E-06	1.80E-05	1.83E-05	1.99E-05	1.93E-05	1.6660E-03
606580.34	4201444.87	226724.0075	0.01328	0.01335	0.06337	0.06438	0.14921	0.14639	3.98E-03	2.76E-06	2.81E-06	2.13E-05	2.16E-05	1.80E-05	1.76E-05	4.0665E-03
606590.52	4201574.68	104981.6173	0.01124	0.01116	0.05743	0.05862	0.15883	0.1546	1.84E-03	2.33E-06	2.35E-06	1.93E-05	1.97E-05	1.92E-05	1.86E-05	1.9255E-03
606596.82	4201614.57	85997.91474	0.01086	0.01079	0.05609	0.05727	0.15774	0.15331	1.51E-03	2.26E-06	2.27E-06	1.89E-05	1.92E-05	1.90E-05	1.85E-05	1.5907E-03
606598.88	4201448.01	200277.8695	0.01365	0.01371	0.0651	0.06617	0.14463	0.14187	3.52E-03	2.83E-06	2.88E-06	2.19E-05	2.22E-05	1.75E-05	1.71E-05	3.6022E-03
606600.26	4201679.16	64074.13533	0.0103	0.01025	0.05543	0.05662	0.15476	0.15004	1.13E-03	2.14E-06	2.16E-06	1.87E-05	1.90E-05	1.87E-05	1.81E-05	1.2042E-03
606600.47	4201735.01	52314.17189	0.01061	0.01053	0.05803	0.05938	0.15081	0.14592	9.19E-04	2.20E-06	2.22E-06	1.95E-05	1.99E-05	1.82E-05	1.76E-05	9.9856E-04
606601.43	4201696.27	59875.19378	0.01027	0.01022	0.05582	0.05704	0.15333	0.14856	1.05E-03	2.13E-06	2.15E-06	1.88E-05	1.91E-05	1.85E-05	1.79E-05	1.1303E-03
606602.4	4201753.42	48795.87648	0.01097	0.01088	0.06001	0.06146	0.14848	0.14361	8.57E-04	2.28E-06	2.29E-06	2.02E-05	2.06E-05	1.79E-05	1.73E-05	9.3772E-04
606602.68	4201659.79	69418.31253	0.01048	0.01043	0.05563	0.05681	0.15492	0.15028	1.22E-03	2.18E-06	2.19E-06	1.87E-05	1.91E-05	1.87E-05	1.81E-05	1.2983E-03
606602.79	4201495.6	151713.6883	0.01269	0.01267	0.06359	0.06477	0.14888	0.14562	2.66E-03	2.64E-06	2.67E-06	2.14E-05	2.17E-05	1.80E-05	1.75E-05	2.7488E-03
606603.37	4201715.64	55950.08483	0.01041	0.01035	0.05687	0.05815	0.15136	0.14657	9.83E-04	2.16E-06	2.18E-06	1.92E-05	1.95E-05	1.83E-05	1.77E-05	1.0617E-03
606603.82	4201511.7	139143.0269	0.01248	0.01244	0.06293	0.06413	0.15013	0.14671	2.44E-03	2.59E-06	2.62E-06	2.12E-05	2.15E-05	1.81E-05	1.77E-05	2.5277E-03
606608.37	4201529.55	125226.3533	0.01242	0.01236	0.06286	0.06411	0.15015	0.14657	2.20E-03	2.58E-06	2.60E-06	2.12E-05	2.15E-05	1.81E-05	1.77E-05	2.2832E-03
606609.77	4201546.69	114718.3359	0.01227	0.0122	0.06229	0.06357	0.15084	0.14711	2.02E-03	2.55E-06	2.57E-06	2.10E-05	2.13E-05	1.82E-05	1.77E-05	2.0984E-03
606614.31	4201618.42	82354.93441	0.01133	0.01127	0.05832	0.05958	0.15196	0.14768	1.45E-03	2.35E-06	2.37E-06	1.96E-05	2.00E-05	1.83E-05	1.78E-05	1.5270E-03
606618.46	4201447.31	182112.3594	0.01408	0.01415	0.06699	0.06811	0.13956	0.1369	3.20E-03	2.92E-06	2.98E-06	2.26E-05	2.28E-05	1.69E-05	1.65E-05	3.2834E-03
606634.55	4201446.27	169385.2014	0.01449	0.01455	0.06864	0.06982	0.13551	0.13293	2.98E-03	3.01E-06	3.06E-06	2.31E-05	2.34E-05	1.64E-05	1.60E-05	3.0602E-03
606636.58	4201680.62	62146.23394	0.01135	0.01127	0.06022	0.06157	0.14314	0.13884	1.09E-03	2.36E-06	2.37E-06	2.03E-05	2.07E-05	1.73E-05	1.67E-05	1.1713E-03
606636.61	4201495.6	133676.2714	0.01369	0.01367	0.06785	0.06911	0.13936	0.13633	2.35E-03	2.84E-06	2.88E-06	2.29E-05	2.32E-05	1.68E-05	1.64E-05	2.4330E-03
606637.41	4201622.62	77835.3871	0.012	0.01193	0.06161	0.06297	0.14468	0.14057	1.37E-03	2.49E-06	2.51E-06	2.07E-05	2.11E-05	1.75E-05	1.69E-05	1.4484E-03
606637.54	4201662.7	66461.51524	0.01151	0.01144	0.06045	0.0618	0.14372	0.13944	1.17E-03	2.39E-06	2.41E-06	2.04E-05	2.07E-05	1.74E-05	1.68E-05	1.2474E-03
606638.46	4201547.04	105850.679	0.01314	0.01308	0.06648	0.06784	0.14216	0.1387	1.86E-03	2.73E-06	2.75E-06	2.24E-05	2.28E-05	1.72E-05	1.67E-05	1.9437E-03
606638.81	4201564.89	97807.18214	0.01301	0.01295	0.0662	0.0676	0.14278	0.13916	1.72E-03	2.70E-06	2.72E-06	2.23E-05	2.27E-05	1.72E-05	1.68E-05	1.8024E-03
606640.21	4201512.75	122384.5548	0.01357	0.01353	0.06774	0.06904	0.13962	0.13645	2.15E-03	2.82E-06	2.85E-06	2.28E-05	2.32E-05	1.69E-05	1.64E-05	2.2346E-03
606640.21	4201583.08	90287.86326	0.01289	0.01281	0.06583	0.06726	0.14293	0.13917	1.59E-03	2.68E-06	2.69E-06	2.22E-05	2.26E-05	1.73E-05	1.68E-05	1.6700E-03
606640.56	4201604.42	83049.6057	0.01249	0.01242	0.06379	0.0652	0.14351	0.13955	1.46E-03	2.59E-06	2.61E-06	2.15E-05	2.19E-05	1.73E-05	1.68E-05	1.5415E-03
606641.63	4201699.66	57580.93307	0.01148	0.01138	0.06124	0.06263	0.1405	0.13621	1.01E-03	2.38E-06	2.39E-06	2.06E-05	2.10E-05	1.70E-05	1.64E-05	1.0912E-03
606645.02	4201715.16	54261.4635	0.01162	0.01152	0.06217	0.06362	0.13842	0.13415	9.53E-04	2.41E-06	2.42E-06	2.09E-05	2.13E-05	1.67E-05	1.62E-05	1.0331E-03
606646.47	4201734.05	50698.68558	0.01178	0.01166	0.06319	0.0647	0.13656	0.13231	8.91E-04	2.45E-06	2.45E-06	2.13E-05	2.17E-05	1.65E-05	1.59E-05	9.7083E-04
606650.35	4201752.93	47329.68939	0.01208	0.01196	0.0649	0.06649	0.13387	0.12965	8.31E-04	2.51E-06	2.52E-06	2.19E-05	2.23E-05	1.62E-05	1.56E-05	9.1231E-04
606654.84	4201448.01	152946.0318	0.01502	0.01507	0.07097	0.07221	0.13088	0.12838	2.69E-03	3.12E-06	3.17E-06	2.39E-05	2.42E-05	1.58E-05	1.55E-05	2.7721E-03
606671.98	4201445.92	142905.2562	0.01554	0.01559	0.07308	0.07439	0.12681	0.1244	2.51E-03	3.23E-06	3.28E-06	2.46E-05	2.50E-05	1.53E-05	1.50E-05	2.5965E-03
606684.37	4201668.7	60602.59169	0.01316	0.01303	0.06793	0.06954	0.13003	0.12624	1.06E-03	2.73E-06	2.74E-06	2.29E-05	2.33E-05	1.57E-05	1.52E-05	1.1471E-03
606684.48	4201614.96	72648.74158	0.01398	0.01387	0.07148	0.07312	0.13074	0.12722	1.28E-03	2.90E-06	2.92E-06	2.41E-05	2.45E-05	1.58E-05	1.53E-05	1.3616E-03
606688.39	4201702.89	53715.58982	0.01311	0.01298	0.06831	0.06997	0.12722	0.12345	9.44E-04	2.72E-06	2.73E-06	2.30E-05	2.35E-05	1.54E-05	1.49E-05	1.0257E-03
606689.81	4201512.79	103687.8592	0.01528	0.01525	0.07496	0.07643	0.12702	0.12419	1.82E-03	3.17E-06	3.21E-06	2.52E-05	2.56E-05	1.53E-05	1.50E-05	1.9088E-03
606689.81	4201589.3	78685.76771	0.01437	0.01427	0.07287	0.07449	0.12923	0.12592	1.38E-03	2.98E-06	3.00E-06	2.45E-05	2.50E-05	1.56E-05	1.52E-05	1.4684E-03
606689.82	4201446.96	131723.1608	0.01611	0.01616	0.07546	0.07686	0.12298	0.12064	2.31E-03	3.35E-06	3.40E-06	2.54E-05	2.58E-05	1.48E-05	1.45E-05	2.4010E-03
606690.08	4201496.69	109711.1921	0.01551	0.0155	0.07544	0.07689	0.12612	0.1234	1.93E-03	3.22E-06	3.26E-06	2.54E-05	2.58E-05	1.52E-05	1.49E-05	2.0148E-03
606690.29	4201532.16	96599.12415	0.01492	0.01485	0.0741	0.07561	0.12773	0.12476	1.70E-03	3.10E-06	3.12E-06	2.50E-05	2.54E-05	1.54E-05	1.50E-05	1.7837E-03
606692.23	4201548.14	90689.44379	0.01481	0.01473	0.07401	0.07555	0.12775	0.1247	1.59E-03	3.08E-06	3.10E-06	2.49E-05	2.53E-05	1.54E-05	1.50E-05	1.6798E-03
606692.23	4201569.44	84015.77674	0.01461	0.01452	0.07355	0.07514	0.12826	0.12508	1.48E-03	3.03E-06	3.05E-06	2.48E-05	2.52E-05	1.55E-05	1.51E-05	1.5623E-03
606697.33	4201750.03	45708.65891	0.01314	0.01306	0.06998	0.07175	0.12172	0.11805	8.03E-04	2.73E-06	2.75E-06	2.36E-05	2.41E-05	1.47E-05	1.42E-05	8.8490E-04
606705.15	4201666.69	58880.07798	0.01404	0.0139	0.07189	0.07363	0.12461	0.12107	1.03E-03	2.92E-06	2.92E-06	2.42E-05	2.47E-05	1.50E-05	1.46E-05	1.1186E-03
606709.06	4201446.27	121700.0154	0.01684	0.01686	0.07823	0.07967	0.11885	0.1166	2.14E-03	3.50E-06	3.55E-06	2.63E-05	2.67E-05	1.44E-05	1.41E-05	2.2261E-03
606709.18	4201615.93	68797.34764	0.01482	0.01469	0.0752	0.07695	0.12442	0.12111	1.21E-03	3.08E-06	3.09E-06	2.53E-05	2.58E-05	1.50E-05	1.46E-05	1.2953E-03
606709.84	4201695.52	53347.01294	0.01388	0.01375	0.07165	0.07342	0.1222	0.11866	9.37E-04	2.88E-06	2.89E-06	2.41E-05	2.46E-05	1.48E-05	1.43E-05	1.0206E-03
606718.86	4201551.04	83429.12148	0.0157	0.01559	0.0778	0.07947	0.12155	0.11867	1.47E-03	3.26E-06	3.28E-06	2.62E-05	2.67E-05	1.47E-05	1.43E-05	1.5538E-03
606720.09	4201748.57	44790.29624	0.01349	0.01345	0.0722	0.07406	0.11642	0.113	7.87E-04	2.80E-06	2.83E-06	2.43E-05	2.48E-05	1.41E-05	1.36E-05	8.6920E-04
606720.31	4201572.83	77226.54665	0.01563	0.01551	0.07812	0.07985	0.12144	0.11846	1.36E-03	3.25E-06	3.26E-06	2.63E-05	2.68E-05	1.47E-05	1.43E-05	1.4450E-03
606723.22	4201511.82	93467.98098	0.01644	0.01639	0.07992	0.08155	0.11943	0.1168	1.64E-03	3.41E-06	3.45E-06	2.69E-05	2.74E-05	1.44E-05	1.41E-05	1.7314E-03
606724.19	4201533.13	87099.54868	0.01618	0.01609	0.07937	0.08103	0.11994	0.11719	1.53E-03	3.36E-06	3.38E-06	2.67E-05	2.72E-05	1.45E-05	1.41E-05	1.6191E-03
606725.93	4201665.35	57038.11714	0.01482	0.01468	0.07542	0.07728	0.11956	0.11622	1.00E-03	3.08E-06	3.09E-06	2.54E-05	2.59E-05	1.44E-05	1.40E-05	1.0878E-03
606728.64	4201447.31	112103.8432	0.01759	0.01761	0.0813	0.08289	0.11497	0.11279	1.97E-03	3.65E-06	3.70E-06	2.74E-05	2.78E-05	1.39E-05	1.36E-05	2.0591E-03
606730.46	4201491.23	96899.58856	0.01714	0.0171	0.08188	0.08349	0.11687	0.11441	1.70E-03	3.56E-06	3.60E-06	2.76E-05	2.80E-05	1.41E-05	1.38E-05	1.7927E-03
606733.87	4201616.9	65057.42177	0.01576	0.01561	0.07934	0.08122	0.11834	0.11531	1.14E-03	3.27E-06	3.28E-06	2.67E-05	2.72E-05	1.43E-05	1.39E-05	1.2314E-03
606739.34	4201697.53	50742.26165	0.01468	0.0146	0.07565	0.07756	0.11522	0.11195	8.91E-04	3.05E-06	3.07E-06	2.55E-05	2.60E-05	1.39E-05	1.35E-05	9.7629E-04
606745.08	4201446.96	105625.1657	0.0182	0.01819	0.08381	0.08552	0.11186	0.10974	1.86E-03	3.78E-06	3.83E-06	2.82E-05	2.87E-05	1.35E-05	1.32E-05	1.9465E-03
606748.4	4201588.33	68354.68691	0.01684	0.01671	0.08424	0.08616	0.11503	0.11218	1.20E-03	3.50E-06	3.52E-06	2.84E-05	2.89E-05	1.39E-05	1.35E-05	1.2923E-03
606749.39	4201666.02	54650.48942	0.01558	0.01546	0.07895	0.08094	0.11423	0.11106	9.60E-04	3.24E-06	3.25E-06	2.66E-05	2.71E-05	1.38E-05	1.34E-05	1.0473E-03
606749.63	4201747.12	43450.35465	0.01342	0.01347	0.07386	0.07576	0.10996	0.10683	7.63E-04	2.79E-06	2.83E-06	2.49E-05	2.54E-05	1.33E-05	1.29E-05	8.4525E-04
606760.02	4201616.9	61388.12249	0.01687	0.01672	0.08463	0.08667	0.1124	0.10953	1.08E-03	3.50E-06	3.52E-06	2.85E-05	2.91E-05	1.36E-05	1.32E-05	1.1696E-03
606763.47	4201701.55	48369.03688	0.01508	0.01506	0.07847	0.08049	0.10985	0.10677	8.50E-04	3.13E-06	3.17E-06	2.64E-05	2.70E-05	1.33E-05	1.29E-05	9.3545E-04
606764.67	4201449.41	97817.40832	0.01893	0.01891	0.08704	0.08887	0.10844	0.10638	1.72E-03	3.93E-06	3.98E-06	2.93E-05	2.98E-05	1.31E-05	1.28E-05	1.8111E-03
606772.85	4201664.68	52633.95723	0.01629	0.01621	0.0825	0.08465	0.10933	0.10635	9.25E-04	3.38E-06	3.41E-06	2.78E-05	2.84E-05	1.32E-05	1.28E-05	1.0135E-03
606773.36	4201751.96	41040.15856	0.01284	0.01296	0.07486	0.07681	0.10458	0.10167	7.21E-04	2.67E-06	2.73E-06	2.52E-05	2.58E-05	1.26E-05	1.23E-05	8.0211E-04
606774.54	4201498.02	81933.64074	0.01902	0.01894	0.0899	0.09192	0.10823	0.10595	1.44E-03	3.95E-06	3.98E-06	3.03E-05	3.08E-05	1.31E-05	1.28E-05	1.5340E-03
606774.54	4201515.11	78851.09817	0.01861	0.0185	0.08917	0.09104	0.10899	0.10662	1.39E-03	3.86E-06	3.89E-06	3.00E-05	3.05E-05	1.32E-05	1.28E-05	1.4793E-03
606776.24	4201532.76	75033.90178	0.01832	0.0182	0.08844	0.09047	0.10916	0.10671	1.32E-03	3.80E-06	3.83E-06	2.98E-05	3.03E-05	1.32E-05	1.29E-05	1.4118E-03
606777.77	4201572.87	66461.94562	0.01823	0.0181	0.09019	0.09215	0.10895	0.10635	1.17E-03	3.79E-06	3.81E-06	3.04E-05	3.09E-05	1.32E-05	1.28E-05	1.2622E-03
606781.11	4201450.46	92264.56371	0.01957	0.01953	0.08984	0.09172	0.10565	0.10365	1.62E-03	4.06E-06	4.11E-06	3.03E-05	3.08E-05	1.28E-05	1.25E-05	1.7150E-03
606781.63	4201550.27	70204.3779	0.01852	0.0184	0.09031	0.09236	0.1082	0.10571	1.23E-03	3.85E-06	3.87E-06	3.04E-05	3.10E-05	1.31E-05	1.27E-05	1.3280E-03
606784.71	4201619.32	57900.14577	0.01774	0.01762	0.08868	0.0909	0.10738	0.10467	1.02E-03	3.68E-06	3.71E-06	2.99E-05	3.05E-05	1.30E-05	1.26E-05	1.1103E-03
606788.27	4201705.57	46062.47755	0.01526	0.01532	0.08129	0.08342	0.10469	0.10182	8.09E-04	3.17E-06	3.22E-06	2.74E-05	2.80E-05	1.26E-05	1.23E-05	8.9574E-04
606796.31	4201667.36	50124.37495	0.0168	0.0168	0.08589	0.08817	0.10463	0.10185	8.80E-04	3.49E-06	3.53E-06	2.89E-05	2.96E-05	1.26E-05	1.23E-05	9.7085E-04
606800	4201757.78	38664.84678	0.01253	0.01266	0.07786	0.07992	0.09896	0.09629	6.79E-04	2.60E-06	2.66E-06	2.62E-05	2.68E-05	1.19E-05	1.16E-05	7.6099E-04
606800.7	4201451.51	86254.88275	0.02041	0.02034	0.09344	0.09542	0.10243	0.10049	1.52E-03	4.24E-06	4.28E-06	3.15E-05	3.20E-05	1.24E-05	1.21E-05	1.6115E-03
606805.3	4201504.85	73253.7493	0.02039	0.02027	0.09626	0.09848	0.10278	0.10061	1.29E-03	4.23E-06	4.26E-06	3.24E-05	3.30E-05	1.24E-05	1.21E-05	1.3852E-03
606806.99	4201621.74	54976.44506	0.01843	0.01835	0.09211	0.09451	0.10315	0.10058	9.66E-04	3.83E-06	3.86E-06	3.10E-05	3.17E-05	1.25E-05	1.21E-05	1.0606E-03
606808.1	4201568.11	62445.67135	0.0196	0.01948	0.09624	0.09848	0.10322	0.10081	1.10E-03	4.07E-06	4.10E-06	3.24E-05	3.30E-05	1.25E-05	1.21E-05	1.1951E-03
606815.75	4201713.62	43224.172	0.01522	0.01534	0.08487	0.08717	0.09914	0.09649	7.59E-04	3.16E-06	3.23E-06	2.86E-05	2.92E-05	1.20E-05	1.16E-05	8.4703E-04
606818.19	4201452.56	81325.03527	0.02123	0.02115	0.0969	0.09899	0.09966	0.09777	1.43E-03	4.41E-06	4.45E-06	3.26E-05	3.32E-05	1.20E-05	1.18E-05	1.5270E-03
606818.4	4201543.59	64545.18635	0.02051	0.0204	0.09873	0.10106	0.10124	0.09897	1.13E-03	4.26E-06	4.29E-06	3.33E-05	3.39E-05	1.22E-05	1.19E-05	1.2336E-03
606820.45	4201672.06	47450.79084	0.01715	0.01722	0.08953	0.09198	0.10004	0.09739	8.33E-04	3.56E-06	3.62E-06	3.02E-05	3.09E-05	1.21E-05	1.17E-05	9.2547E-04
606822.76	4201767.46	36410.67437	0.01251	0.01257	0.08146	0.0837	0.09432	0.09183	6.40E-04	2.60E-06	2.64E-06	2.74E-05	2.81E-05	1.14E-05	1.11E-05	7.2275E-04
606823.52	4201500.3	70261.30198	0.02134	0.02122	0.10016	0.10247	0.09957	0.0975	1.23E-03	4.43E-06	4.46E-06	3.37E-05	3.44E-05	1.20E-05	1.18E-05	1.3349E-03
606827.42	4201586.84	57121.12385	0.01998	0.01991	0.099	0.10153	0.09982	0.09746	1.00E-03	4.15E-06	4.19E-06	3.33E-05	3.41E-05	1.21E-05	1.17E-05	1.1029E-03
606829.21	4201623.71	52301.39822	0.01905	0.01903	0.09568	0.09827	0.09924	0.0968	9.19E-04	3.96E-06	4.00E-06	3.22E-05	3.30E-05	1.20E-05	1.17E-05	1.0155E-03
606836.03	4201452.56	76912.24399	0.02215	0.02204	0.1006	0.10286	0.0969	0.09506	1.35E-03	4.60E-06	4.64E-06	3.39E-05	3.45E-05	1.17E-05	1.15E-05	1.4517E-03
606838.55	4201678.09	45287.20152	0.01726	0.01738	0.09249	0.09507	0.09666	0.09415	7.95E-04	3.58E-06	3.66E-06	3.11E-05	3.19E-05	1.17E-05	1.13E-05	8.8876E-04
606839.22	4201718.98	41111.54246	0.01533	0.01546	0.08889	0.09137	0.0948	0.0923	7.22E-04	3.18E-06	3.25E-06	2.99E-05	3.06E-05	1.14E-05	1.11E-05	8.1171E-04
606840.61	4201535.61	62092.4323	0.02169	0.02159	0.10369	0.10628	0.09744	0.0953	1.09E-03	4.50E-06	4.54E-06	3.49E-05	3.56E-05	1.18E-05	1.15E-05	1.1935E-03
606848.02	4201501.43	65468.20188	0.02261	0.02249	0.10582	0.10834	0.09567	0.09369	1.15E-03	4.70E-06	4.73E-06	3.56E-05	3.63E-05	1.16E-05	1.13E-05	1.2542E-03
606848.84	4201591.3	53938.76969	0.02064	0.02062	0.10272	0.10548	0.09623	0.09397	9.47E-04	4.29E-06	4.34E-06	3.46E-05	3.54E-05	1.16E-05	1.13E-05	1.0490E-03
606849.73	4201627.88	49706.19407	0.01946	0.01951	0.09904	0.10181	0.09583	0.0935	8.73E-04	4.04E-06	4.10E-06	3.34E-05	3.41E-05	1.16E-05	1.13E-05	9.7157E-04
606852.3	4201771.34	34674.89977	0.01303	0.013	0.0869	0.08937	0.08934	0.08704	6.09E-04	2.71E-06	2.73E-06	2.93E-05	3.00E-05	1.08E-05	1.05E-05	6.9502E-04
606854.57	4201452.21	72700.10239	0.02321	0.02309	0.10489	0.10726	0.0941	0.09233	1.28E-03	4.82E-06	4.86E-06	3.53E-05	3.60E-05	1.14E-05	1.11E-05	1.3804E-03
606859.41	4201535.04	59301.59331	0.02261	0.02254	0.10807	0.11089	0.09446	0.09241	1.04E-03	4.70E-06	4.74E-06	3.64E-05	3.72E-05	1.14E-05	1.11E-05	1.1472E-03
606861.34	4201681.44	43143.85009	0.01763	0.01778	0.09735	0.10014	0.09274	0.09035	7.58E-04	3.66E-06	3.74E-06	3.28E-05	3.36E-05	1.12E-05	1.09E-05	8.5367E-04
606866.7	4201722.33	39061.86864	0.01571	0.01579	0.09424	0.09694	0.09019	0.08788	6.86E-04	3.26E-06	3.32E-06	3.17E-05	3.25E-05	1.09E-05	1.06E-05	7.7843E-04
606867.39	4201504.28	61771.74331	0.02362	0.02351	0.11068	0.1134	0.09278	0.09086	1.09E-03	4.90E-06	4.95E-06	3.73E-05	3.80E-05	1.12E-05	1.10E-05	1.1923E-03
606867.57	4201584.76	52500.80569	0.02147	0.02149	0.10694	0.10989	0.09331	0.09116	9.22E-04	4.46E-06	4.52E-06	3.60E-05	3.69E-05	1.13E-05	1.10E-05	1.0263E-03
606873.22	4201634.72	46701.75843	0.01983	0.01996	0.10371	0.1067	0.09199	0.08978	8.20E-04	4.12E-06	4.20E-06	3.49E-05	3.58E-05	1.11E-05	1.08E-05	9.2127E-04
606875.9	4201452.56	67996.1723	0.02472	0.02459	0.11081	0.11344	0.09096	0.08926	1.19E-03	5.13E-06	5.17E-06	3.73E-05	3.80E-05	1.10E-05	1.08E-05	1.3018E-03
606876.03	4201770.85	33786.52642	0.01367	0.01364	0.09188	0.09454	0.08585	0.08369	5.93E-04	2.84E-06	2.87E-06	3.09E-05	3.17E-05	1.04E-05	1.01E-05	6.8227E-04
606876.75	4201686.8	41473.8995	0.01785	0.018	0.10108	0.10402	0.09009	0.08779	7.28E-04	3.71E-06	3.79E-06	3.40E-05	3.49E-05	1.09E-05	1.06E-05	8.2636E-04
606879.35	4201540.17	55947.56026	0.02337	0.02333	0.11258	0.11551	0.09153	0.08954	9.83E-04	4.85E-06	4.91E-06	3.79E-05	3.87E-05	1.11E-05	1.08E-05	1.0910E-03
606884.47	4201502.57	59252.47883	0.0246	0.02452	0.11529	0.11818	0.09025	0.08841	1.04E-03	5.11E-06	5.16E-06	3.88E-05	3.96E-05	1.09E-05	1.07E-05	1.1510E-03
606889.49	4201720.32	37832.22335	0.01642	0.01649	0.09988	0.1028	0.08683	0.08465	6.65E-04	3.41E-06	3.47E-06	3.36E-05	3.45E-05	1.05E-05	1.02E-05	7.6020E-04
606891.36	4201599.33	48385.87219	0.02174	0.02186	0.11094	0.11416	0.08956	0.08749	8.50E-04	4.51E-06	4.60E-06	3.74E-05	3.83E-05	1.08E-05	1.05E-05	9.5601E-04
606892.25	4201637.1	44645.50831	0.02046	0.02064	0.11009	0.11336	0.08877	0.08665	7.84E-04	4.25E-06	4.34E-06	3.71E-05	3.80E-05	1.07E-05	1.04E-05	8.8904E-04
606892.34	4201453.96	64431.97867	0.02597	0.02586	0.11619	0.11897	0.08861	0.08695	1.13E-03	5.39E-06	5.44E-06	3.91E-05	3.99E-05	1.07E-05	1.05E-05	1.2428E-03
606897.31	4201583.27	49357.7499	0.02247	0.02259	0.11325	0.11652	0.08889	0.08688	8.67E-04	4.67E-06	4.75E-06	3.81E-05	3.91E-05	1.07E-05	1.05E-05	9.7480E-04
606898.2	4201691.5	39507.96848	0.01839	0.01855	0.10748	0.1107	0.08664	0.08448	6.94E-04	3.82E-06	3.90E-06	3.62E-05	3.71E-05	1.05E-05	1.02E-05	7.9564E-04
606900.73	4201772.79	32639.74406	0.01432	0.01439	0.0979	0.10078	0.08235	0.08032	5.73E-04	2.97E-06	3.03E-06	3.30E-05	3.38E-05	9.94E-06	9.68E-06	6.6571E-04
606902.13	4201544.16	52687.14508	0.02408	0.02411	0.11749	0.12066	0.08833	0.08643	9.25E-04	5.00E-06	5.07E-06	3.96E-05	4.05E-05	1.07E-05	1.04E-05	1.0366E-03
606905.55	4201522.51	54247.03099	0.02523	0.02525	0.12061	0.12391	0.08763	0.08579	9.53E-04	5.24E-06	5.31E-06	4.06E-05	4.16E-05	1.06E-05	1.03E-05	1.0665E-03
606912.96	4201504.85	54837.60957	0.02615	0.02615	0.12379	0.12704	0.08633	0.08457	9.63E-04	5.43E-06	5.50E-06	4.17E-05	4.26E-05	1.04E-05	1.02E-05	1.0791E-03
606914.38	4201456.76	59992.96126	0.02748	0.02739	0.12366	0.12672	0.0856	0.084	1.05E-03	5.71E-06	5.76E-06	4.16E-05	4.25E-05	1.03E-05	1.01E-05	1.1698E-03
606922.34	4201725.01	35561.86108	0.01687	0.01701	0.10714	0.11035	0.082	0.07999	6.25E-04	3.50E-06	3.58E-06	3.61E-05	3.70E-05	9.90E-06	9.64E-06	7.2436E-04
606923.68	4201691.5	37763.65151	0.01911	0.01933	0.11582	0.11943	0.08298	0.08096	6.63E-04	3.97E-06	4.07E-06	3.90E-05	4.01E-05	1.00E-05	9.76E-06	7.7019E-04
606925.43	4201770.37	31850.7631	0.01485	0.01508	0.10454	0.10767	0.07929	0.07737	5.59E-04	3.08E-06	3.17E-06	3.52E-05	3.61E-05	9.57E-06	9.32E-06	6.5593E-04
606932.92	4201460.96	56504.64716	0.02863	0.0286	0.13014	0.13348	0.08324	0.08168	9.92E-04	5.95E-06	6.02E-06	4.38E-05	4.48E-05	1.01E-05	9.84E-06	1.1129E-03
606935.74	4201641.22	40436.1121	0.02184	0.02215	0.12855	0.13266	0.08227	0.08036	7.10E-04	4.54E-06	4.66E-06	4.33E-05	4.45E-05	9.93E-06	9.68E-06	8.2685E-04
606940.44	4201723.67	34640.09603	0.01731	0.01755	0.11262	0.11609	0.07967	0.07775	6.08E-04	3.59E-06	3.69E-06	3.79E-05	3.89E-05	9.62E-06	9.37E-06	7.1159E-04
606941.11	4201611.06	42410.47868	0.02307	0.02338	0.12955	0.13369	0.08224	0.08038	7.45E-04	4.79E-06	4.92E-06	4.36E-05	4.48E-05	9.93E-06	9.69E-06	8.6273E-04
606942.45	4201591.62	43949.67469	0.02372	0.02401	0.12828	0.13234	0.08246	0.08063	7.72E-04	4.93E-06	5.05E-06	4.32E-05	4.44E-05	9.96E-06	9.72E-06	8.8921E-04
606947.14	4201691.5	36259.07318	0.01957	0.01988	0.12339	0.12741	0.07986	0.07793	6.37E-04	4.06E-06	4.18E-06	4.16E-05	4.27E-05	9.64E-06	9.39E-06	7.4845E-04
606947.26	4201548.33	47197.1322	0.02549	0.02572	0.12883	0.13277	0.08234	0.0806	8.29E-04	5.29E-06	5.41E-06	4.34E-05	4.45E-05	9.94E-06	9.71E-06	9.4729E-04
606948.68	4201774.24	30772.51821	0.01503	0.01541	0.11206	0.11554	0.07631	0.07449	5.41E-04	3.12E-06	3.24E-06	3.77E-05	3.88E-05	9.21E-06	8.98E-06	6.4156E-04
606951.81	4201517.55	49037.70116	0.02766	0.02786	0.13548	0.13944	0.08159	0.07993	8.61E-04	5.74E-06	5.86E-06	4.56E-05	4.68E-05	9.85E-06	9.63E-06	9.8482E-04
606952.5	4201465.5	53199.06021	0.02979	0.02984	0.13756	0.14123	0.08087	0.07934	9.34E-04	6.19E-06	6.28E-06	4.63E-05	4.74E-05	9.77E-06	9.56E-06	1.0599E-03
606957.19	4201638.54	39014.41903	0.02236	0.02273	0.13595	0.1405	0.07956	0.07774	6.85E-04	4.64E-06	4.78E-06	4.58E-05	4.71E-05	9.61E-06	9.37E-06	8.0659E-04
606965.8	4201551.48	45023.16951	0.02597	0.02629	0.13496	0.13925	0.08	0.07831	7.91E-04	5.39E-06	5.53E-06	4.55E-05	4.67E-05	9.66E-06	9.44E-06	9.1300E-04
606967.25	4201725.68	33070.35776	0.01741	0.01782	0.12065	0.12455	0.07625	0.07445	5.81E-04	3.62E-06	3.75E-06	4.06E-05	4.18E-05	9.21E-06	8.97E-06	6.8883E-04
606969.26	4201597.65	41062.50378	0.02426	0.02465	0.13912	0.14379	0.07891	0.07718	7.21E-04	5.04E-06	5.19E-06	4.69E-05	4.82E-05	9.53E-06	9.30E-06	8.4539E-04
606970	4201519.99	46918.98099	0.02805	0.02834	0.14103	0.14512	0.07947	0.07786	8.24E-04	5.82E-06	5.96E-06	4.75E-05	4.87E-05	9.60E-06	9.38E-06	9.5106E-04
606973.28	4201692.84	34582.26636	0.01986	0.02027	0.13269	0.13725	0.07654	0.07473	6.07E-04	4.12E-06	4.26E-06	4.47E-05	4.60E-05	9.24E-06	9.01E-06	7.2479E-04
606974.19	4201467.6	50154.70317	0.03111	0.03128	0.14665	0.15078	0.07833	0.07686	8.81E-04	6.46E-06	6.58E-06	4.94E-05	5.06E-05	9.46E-06	9.26E-06	1.0127E-03
606981.54	4201556.73	43101.44053	0.02619	0.0266	0.14063	0.14526	0.07805	0.07641	7.57E-04	5.44E-06	5.60E-06	4.74E-05	4.87E-05	9.42E-06	9.21E-06	8.8282E-04
606983.34	4201639.21	37095.82324	0.0228	0.02322	0.14597	0.15117	0.07635	0.07464	6.52E-04	4.73E-06	4.88E-06	4.92E-05	5.07E-05	9.22E-06	9.00E-06	7.7928E-04
606986.02	4201605.69	39113.70576	0.02433	0.02478	0.14672	0.15184	0.07673	0.07505	6.87E-04	5.05E-06	5.21E-06	4.94E-05	5.09E-05	9.27E-06	9.04E-06	8.1594E-04
606989.24	4201523.49	44687.61345	0.02847	0.02888	0.14777	0.15247	0.07724	0.07568	7.85E-04	5.91E-06	6.08E-06	4.98E-05	5.11E-05	9.33E-06	9.12E-06	9.1627E-04
606994.48	4201473.2	47202.61995	0.03202	0.03234	0.15625	0.16081	0.07602	0.07459	8.29E-04	6.65E-06	6.80E-06	5.26E-05	5.39E-05	9.18E-06	8.99E-06	9.6729E-04
606994.73	4201727.69	31556.6294	0.01722	0.0177	0.12976	0.13418	0.07297	0.07129	5.54E-04	3.58E-06	3.72E-06	4.37E-05	4.50E-05	8.81E-06	8.59E-06	6.6769E-04
606995.17	4201774.24	29022.8452	0.01507	0.01545	0.12866	0.133	0.07106	0.06944	5.10E-04	3.13E-06	3.25E-06	4.33E-05	4.46E-05	8.58E-06	8.37E-06	6.2105E-04
606999.43	4201694.18	33009.17011	0.01996	0.02044	0.14285	0.14806	0.07343	0.07174	5.80E-04	4.14E-06	4.30E-06	4.81E-05	4.97E-05	8.87E-06	8.65E-06	7.0353E-04
607000.43	4201559.18	41242.05036	0.0265	0.027	0.14717	0.15228	0.07585	0.07427	7.24E-04	5.50E-06	5.68E-06	4.96E-05	5.11E-05	9.16E-06	8.95E-06	8.5434E-04
607006.13	4201605.69	37562.76432	0.02481	0.0253	0.15648	0.1622	0.07438	0.07277	6.60E-04	5.15E-06	5.32E-06	5.27E-05	5.44E-05	8.98E-06	8.77E-06	7.9511E-04
607006.8	4201642.56	35315.63772	0.02304	0.0235	0.15618	0.16208	0.07357	0.07194	6.20E-04	4.78E-06	4.94E-06	5.26E-05	5.44E-05	8.88E-06	8.67E-06	7.5456E-04
607008.48	4201525.94	42648.11828	0.02895	0.02946	0.15601	0.1612	0.07507	0.07357	7.49E-04	6.01E-06	6.20E-06	5.25E-05	5.41E-05	9.06E-06	8.87E-06	8.8586E-04

607012.32	4201474.6	45174.49367	0.03295	0.03341	0.16568	0.1708	0.07412	0.07273	7.93E-04	6.84E-06	7.03E-06	5.58E-05	5.73E-05	8.95E-06	8.77E-06	9.3815E-04
607016.85	4201734.4	30141.18159	0.01679	0.0172	0.13781	0.14271	0.0703	0.06871	5.29E-04	3.49E-06	3.62E-06	4.64E-05	4.79E-05	8.49E-06	8.28E-06	6.4758E-04
607018.28	4201564.42	39384.88582	0.02662	0.0272	0.1551	0.16075	0.07379	0.07226	6.92E-04	5.53E-06	5.72E-06	5.22E-05	5.39E-05	8.91E-06	8.71E-06	8.2681E-04
607019.38	4201778.6	27840.16781	0.01516	0.01542	0.13973	0.1447	0.06838	0.06685	4.89E-04	3.15E-06	3.24E-06	4.71E-05	4.85E-05	8.26E-06	8.06E-06	6.0731E-04
607022.22	4201611.73	35932.35253	0.02514	0.02567	0.1689	0.17517	0.07237	0.07081	6.31E-04	5.22E-06	5.40E-06	5.69E-05	5.88E-05	8.74E-06	8.53E-06	7.7467E-04
607024.22	4201530.14	40939.21116	0.02915	0.02975	0.16334	0.16907	0.07334	0.07188	7.19E-04	6.05E-06	6.26E-06	5.50E-05	5.67E-05	8.86E-06	8.66E-06	8.6064E-04
607024.23	4201700.21	31376.87015	0.01968	0.02015	0.15255	0.15841	0.07055	0.06896	5.51E-04	4.09E-06	4.24E-06	5.14E-05	5.31E-05	8.52E-06	8.31E-06	6.8079E-04
607026.25	4202541.14	8034.09101	0.00835	0.00839	1.18461	1.42918	0.03902	0.03834	1.41E-04	1.73E-06	1.77E-06	3.99E-04	4.79E-04	4.71E-06	4.62E-06	1.0323E-03
607027.58	4201648.59	33693.33239	0.02304	0.0235	0.16542	0.17204	0.07118	0.06962	5.92E-04	4.78E-06	4.94E-06	5.57E-05	5.77E-05	8.59E-06	8.39E-06	7.3195E-04
607027.66	4202519.84	8270.39061	0.00854	0.00858	1.11494	1.37262	0.03972	0.03902	1.45E-04	1.77E-06	1.80E-06	3.75E-04	4.60E-04	4.80E-06	4.70E-06	9.9424E-04
607028.76	4201479.84	43155.79214	0.03345	0.03405	0.17529	0.18093	0.07244	0.07108	7.58E-04	6.95E-06	7.16E-06	5.90E-05	6.07E-05	8.75E-06	8.57E-06	9.0917E-04
607029.94	4202561.66	7809.38407	0.00821	0.00825	1.31202	1.62804	0.03818	0.03752	1.37E-04	1.70E-06	1.74E-06	4.42E-04	5.46E-04	4.61E-06	4.52E-06	1.1377E-03
607034.05	4202579.72	7623.12434	0.00811	0.00814	1.41626	1.83886	0.03744	0.0368	1.34E-04	1.68E-06	1.71E-06	4.77E-04	6.17E-04	4.52E-06	4.44E-06	1.2400E-03
607037.52	4201565.47	37802.31478	0.02687	0.02753	0.16412	0.17039	0.07171	0.07024	6.64E-04	5.58E-06	5.79E-06	5.53E-05	5.72E-05	8.66E-06	8.47E-06	8.0491E-04
607039.63	4202508.96	8379.2563	0.00872	0.00876	1.28314	1.68238	0.03968	0.03898	1.47E-04	1.81E-06	1.84E-06	4.32E-04	5.64E-04	4.79E-06	4.70E-06	1.1568E-03
607040.32	4201615.75	34354.81668	0.02541	0.02597	0.18359	0.19094	0.07022	0.06872	6.03E-04	5.28E-06	5.46E-06	6.18E-05	6.40E-05	8.48E-06	8.28E-06	7.5681E-04
607040.61	4202600.65	7416.67062	0.008	0.00804	1.57615	2.16727	0.03655	0.03594	1.30E-04	1.66E-06	1.69E-06	5.31E-04	7.27E-04	4.41E-06	4.33E-06	1.4001E-03
607042.07	4201533.29	39192.69712	0.02953	0.0302	0.17372	0.18005	0.07142	0.07001	6.88E-04	6.13E-06	6.35E-06	5.85E-05	6.04E-05	8.62E-06	8.44E-06	8.3686E-04
607044.32	4202654.11	6954.13502	0.0077	0.00774	1.17884	1.65085	0.03481	0.03425	1.22E-04	1.60E-06	1.63E-06	3.97E-04	5.54E-04	4.20E-06	4.13E-06	1.0844E-03
607044.34	4201706.91	30062.22505	0.01935	0.01973	0.16075	0.16718	0.06828	0.06676	5.28E-04	4.02E-06	4.15E-06	5.41E-05	5.61E-05	8.24E-06	8.05E-06	6.6271E-04
607044.34	4201729.71	29102.80955	0.01726	0.01755	0.15117	0.15692	0.06764	0.06613	5.11E-04	3.58E-06	3.69E-06	5.09E-05	5.26E-05	8.17E-06	7.97E-06	6.3814E-04
607044.57	4201783.93	26640.73805	0.01535	0.0155	0.15256	0.1583	0.06572	0.06427	4.68E-04	3.19E-06	3.26E-06	5.14E-05	5.31E-05	7.94E-06	7.75E-06	5.9454E-04
607047.25	4202491.54	8576.3468	0.00894	0.00898	1.29143	1.75739	0.04002	0.0393	1.51E-04	1.86E-06	1.89E-06	4.35E-04	5.89E-04	4.83E-06	4.74E-06	1.1883E-03
607048.02	4202674.63	6787.43108	0.00761	0.00764	0.99094	1.42595	0.03409	0.03356	1.19E-04	1.58E-06	1.61E-06	3.34E-04	4.78E-04	4.12E-06	4.04E-06	9.4259E-04
607050.37	4201654.63	32062.64562	0.02306	0.0235	0.17724	0.18477	0.06868	0.06719	5.63E-04	4.79E-06	4.94E-06	5.97E-05	6.20E-05	8.29E-06	8.10E-06	7.1096E-04
607052.12	4202692.69	6644.85564	0.00753	0.00756	0.80743	1.1978	0.03345	0.03293	1.17E-04	1.56E-06	1.59E-06	2.72E-04	4.02E-04	4.04E-06	3.97E-06	8.0157E-04
607053.24	4201471.1	41376.90468	0.03528	0.03607	0.19217	0.19873	0.06998	0.0687	7.27E-04	7.33E-06	7.59E-06	6.47E-05	6.67E-05	8.45E-06	8.28E-06	8.8980E-04
607054.99	4201488.59	40204.47998	0.03397	0.03477	0.19273	0.19948	0.06984	0.06853	7.06E-04	7.05E-06	7.31E-06	6.49E-05	6.69E-05	8.43E-06	8.26E-06	8.6906E-04
607055.01	4201570.37	36195.60366	0.02696	0.02766	0.17491	0.18193	0.06982	0.0684	6.36E-04	5.60E-06	5.82E-06	5.89E-05	6.10E-05	8.43E-06	8.24E-06	7.8379E-04
607055.96	4202475.22	8766.82141	0.00916	0.0092	1.32754	1.84232	0.04027	0.03955	1.54E-04	1.90E-06	1.94E-06	4.47E-04	6.18E-04	4.86E-06	4.77E-06	1.2325E-03
607057.74	4201619.77	32974.20381	0.02555	0.02608	0.19715	0.20532	0.06828	0.06684	5.79E-04	5.31E-06	5.49E-06	6.64E-05	6.89E-05	8.24E-06	8.06E-06	7.4154E-04
607058.69	4202713.61	6484.99433	0.00745	0.00748	0.61933	0.92444	0.03267	0.03217	1.14E-04	1.55E-06	1.57E-06	2.09E-04	3.10E-04	3.94E-06	3.88E-06	6.4350E-04
607058.84	4201453.26	41940.67071	0.03709	0.03791	0.19744	0.20418	0.06941	0.06817	7.37E-04	7.70E-06	7.98E-06	6.65E-05	6.85E-05	8.38E-06	8.22E-06	9.0393E-04
607061.31	4201537.14	37411.35571	0.02988	0.03059	0.18621	0.19337	0.06943	0.06806	6.57E-04	6.20E-06	6.44E-06	6.27E-05	6.49E-05	8.38E-06	8.20E-06	8.1392E-04
607067.8	4201707.58	28892.80516	0.01977	0.02006	0.17576	0.1833	0.06592	0.06446	5.07E-04	4.11E-06	4.22E-06	5.92E-05	6.15E-05	7.96E-06	7.77E-06	6.5222E-04
607070.72	4201786.83	25574.69047	0.01579	0.0159	0.16803	0.1748	0.0632	0.06184	4.49E-04	3.28E-06	3.34E-06	5.66E-05	5.86E-05	7.63E-06	7.45E-06	5.8614E-04
607071.8	4201574.57	34741.62348	0.02755	0.02818	0.18881	0.19677	0.06804	0.06666	6.10E-04	5.72E-06	5.93E-06	6.36E-05	6.60E-05	8.22E-06	8.03E-06	7.6772E-04
607073.16	4201742.44	27291.14823	0.01738	0.01754	0.16829	0.17519	0.06444	0.06304	4.79E-04	3.61E-06	3.69E-06	5.67E-05	5.88E-05	7.78E-06	7.60E-06	6.1748E-04
607076.51	4201655.3	30566.42021	0.02366	0.02411	0.19624	0.20527	0.06606	0.06465	5.37E-04	4.91E-06	5.07E-06	6.61E-05	6.89E-05	7.98E-06	7.79E-06	6.9759E-04
607078.53	4201622.45	31616.42277	0.02591	0.02641	0.21295	0.22243	0.0662	0.06481	5.55E-04	5.38E-06	5.56E-06	7.17E-05	7.46E-05	7.99E-06	7.81E-06	7.2840E-04
607078.8	4201540.99	35869.51328	0.03021	0.03094	0.19951	0.20759	0.06767	0.06634	6.30E-04	6.27E-06	6.51E-06	6.72E-05	6.96E-05	8.17E-06	8.00E-06	7.9581E-04
607079.65	4202427.69	9384.75898	0.0096	0.00964	1.11107	1.55236	0.04107	0.04033	1.65E-04	1.99E-06	2.03E-06	3.74E-04	5.21E-04	4.96E-06	4.86E-06	1.0736E-03
607081.85	4201948.62	18996.41524	0.01559	0.01571	0.2593	0.27479	0.0563	0.05509	3.34E-04	3.24E-06	3.30E-06	8.73E-05	9.22E-05	6.80E-06	6.64E-06	5.3314E-04
607081.85	4201998.62	17714.08423	0.01383	0.01392	0.24452	0.26162	0.05488	0.05372	3.11E-04	2.87E-06	2.93E-06	8.24E-05	8.78E-05	6.63E-06	6.47E-06	5.0015E-04
607081.85	4202048.62	16422.90443	0.01268	0.01276	0.23911	0.25636	0.05329	0.05219	2.88E-04	2.63E-06	2.68E-06	8.05E-05	8.60E-05	6.43E-06	6.29E-06	4.7302E-04
607081.85	4202098.62	15253.57965	0.01166	0.01172	0.23538	0.25116	0.0517	0.05064	2.68E-04	2.42E-06	2.47E-06	7.93E-05	8.42E-05	6.24E-06	6.10E-06	4.4867E-04
607081.85	4202148.62	14129.14115	0.01108	0.01115	0.25661	0.27388	0.04999	0.04898	2.48E-04	2.30E-06	2.35E-06	8.64E-05	9.19E-05	6.04E-06	5.90E-06	4.4305E-04
607081.85	4202198.62	13057.00804	0.01088	0.01095	0.31477	0.33806	0.04823	0.04727	2.29E-04	2.26E-06	2.30E-06	1.06E-04	1.13E-04	5.82E-06	5.70E-06	4.6483E-04
607081.85	4202248.62	12039.96531	0.01085	0.01091	0.41559	0.45098	0.04645	0.04554	2.11E-04	2.25E-06	2.30E-06	1.40E-04	1.51E-04	5.61E-06	5.49E-06	5.1835E-04
607081.85	4202298.62	11213.77371	0.01042	0.01048	0.52744	0.58547	0.04489	0.04403	1.97E-04	2.16E-06	2.20E-06	1.78E-04	1.96E-04	5.42E-06	5.31E-06	5.8607E-04
607081.85	4202348.62	10500.77713	0.00983	0.00989	0.66595	0.77575	0.04343	0.04262	1.84E-04	2.04E-06	2.08E-06	2.24E-04	2.60E-04	5.24E-06	5.14E-06	6.8343E-04
607081.85	4202398.62	9799.02292	0.00964	0.00969	0.87182	1.09768	0.04194	0.04118	1.72E-04	2.00E-06	2.04E-06	2.94E-04	3.68E-04	5.06E-06	4.96E-06	8.4798E-04
607081.85	4202448.62	9079.96224	0.00959	0.00963	1.52715	2.43834	0.04025	0.03954	1.59E-04	1.99E-06	2.03E-06	5.14E-04	8.18E-04	4.86E-06	4.77E-06	1.5053E-03
607081.85	4202498.62	8402.20288	0.00911	0.00915	3.63524	2.9109	0.03845	0.03778	1.48E-04	1.89E-06	1.92E-06	1.22E-03	9.76E-04	4.64E-06	4.55E-06	2.3613E-03
607081.85	4202548.62	7856.56948	0.00866	0.0087	2.38887	5.19998	0.03687	0.03625	1.38E-04	1.80E-06	1.83E-06	8.05E-04	1.74E-03	4.45E-06	4.37E-06	2.6991E-03
607081.85	4202598.62	7377.62414	0.00826	0.00829	3.58967	4.08429	0.03537	0.03479	1.30E-04	1.72E-06	1.74E-06	1.21E-03	1.37E-03	4.27E-06	4.19E-06	2.7204E-03
607081.85	4202648.62	6959.1509	0.00794	0.00797	4.11622	4.08095	0.03396	0.03342	1.22E-04	1.65E-06	1.68E-06	1.39E-03	1.37E-03	4.10E-06	4.03E-06	2.8888E-03
607081.85	4202698.62	6576.13663	0.00764	0.00767	1.59569	2.82675	0.03256	0.03206	1.16E-04	1.59E-06	1.61E-06	5.37E-04	9.48E-04	3.93E-06	3.86E-06	1.6120E-03
607081.85	4202748.62	6224.77649	0.00737	0.00739	0.48014	0.67828	0.03116	0.0307	1.09E-04	1.53E-06	1.55E-06	1.62E-04	2.28E-04	3.76E-06	3.70E-06	5.0909E-04
607088.6	4201577.72	33415.76075	0.0281	0.0287	0.20483	0.21384	0.06633	0.06499	5.87E-04	5.84E-06	6.04E-06	6.90E-05	7.17E-05	8.01E-06	7.83E-06	7.5536E-04
607090.34	4202416.33	9503.48178	0.00972	0.00977	1.18421	1.64053	0.04098	0.04025	1.67E-04	2.02E-06	2.06E-06	3.99E-04	5.50E-04	4.95E-06	4.85E-06	1.1299E-03
607092.51	4201790.71	24627.26373	0.01685	0.01698	0.18996	0.19832	0.06117	0.05987	4.33E-04	3.50E-06	3.57E-06	6.40E-05	6.65E-05	7.39E-06	7.22E-06	5.8474E-04
607093.27	4201712.28	27550.1729	0.02009	0.02031	0.19293	0.20184	0.06339	0.06203	4.84E-04	4.17E-06	4.27E-06	6.50E-05	6.77E-05	7.65E-06	7.48E-06	6.4016E-04
607094.61	4201741.77	26415.28978	0.01834	0.0185	0.18677	0.19507	0.0625	0.06116	4.64E-04	3.81E-06	3.89E-06	6.29E-05	6.54E-05	7.55E-06	7.37E-06	6.1493E-04
607098.04	4201544.48	34299.08427	0.03078	0.0315	0.21762	0.22661	0.06578	0.0645	6.02E-04	6.39E-06	6.63E-06	7.33E-05	7.60E-05	7.94E-06	7.77E-06	7.8049E-04
607099.31	4201628.48	30233.05337	0.02621	0.02666	0.2304	0.24153	0.06418	0.06285	5.31E-04	5.44E-06	5.61E-06	7.76E-05	8.10E-05	7.75E-06	7.57E-06	7.1602E-04
607099.98	4201657.98	29212.54919	0.02422	0.02463	0.21696	0.22771	0.06378	0.06244	5.13E-04	5.03E-06	5.18E-06	7.31E-05	7.64E-05	7.70E-06	7.53E-06	6.8800E-04
607103.71	4202402.3	9646.24258	0.00988	0.00994	1.29551	1.78217	0.04085	0.04012	1.69E-04	2.05E-06	2.09E-06	4.36E-04	5.98E-04	4.93E-06	4.84E-06	1.2174E-03
607106.06	4201502.23	35390.93529	0.03484	0.03575	0.23715	0.24695	0.06503	0.06381	6.22E-04	7.23E-06	7.52E-06	7.99E-05	8.28E-05	7.85E-06	7.69E-06	8.1463E-04
607109.45	4201582.54	31810.66046	0.02889	0.02946	0.22887	0.23941	0.06424	0.06295	5.59E-04	6.00E-06	6.20E-06	7.71E-05	8.03E-05	7.76E-06	7.59E-06	7.4367E-04
607109.71	4201481.99	36017.95563	0.03677	0.03778	0.24319	0.25318	0.06471	0.06353	6.33E-04	7.64E-06	7.95E-06	8.19E-05	8.49E-05	7.81E-06	7.66E-06	8.3052E-04
607111.31	4201455.71	37196.34847	0.03953	0.04068	0.24876	0.2588	0.06463	0.06349	6.53E-04	8.21E-06	8.56E-06	8.38E-05	8.68E-05	7.80E-06	7.65E-06	8.5615E-04
607114.05	4201708.25	26772.36276	0.02107	0.02131	0.21369	0.22438	0.06155	0.06026	4.70E-04	4.38E-06	4.48E-06	7.20E-05	7.53E-05	7.43E-06	7.26E-06	6.4103E-04
607114.38	4201550.44	32917.59946	0.03112	0.0318	0.23421	0.24453	0.06421	0.06296	5.78E-04	6.46E-06	6.69E-06	7.89E-05	8.20E-05	7.75E-06	7.59E-06	7.6758E-04
607114.79	4201795.07	23627.08671	0.01821	0.01838	0.22378	0.2349	0.05907	0.05783	4.15E-04	3.78E-06	3.87E-06	7.54E-05	7.88E-05	7.13E-06	6.97E-06	5.9091E-04
607116.06	4201742.44	25503.69411	0.01939	0.01957	0.21023	0.2205	0.06058	0.0593	4.48E-04	4.03E-06	4.12E-06	7.08E-05	7.40E-05	7.32E-06	7.15E-06	6.1533E-04
607116.4	4202391.6	9738.55701	0.01005	0.01011	1.48639	2.09629	0.04062	0.0399	1.71E-04	2.09E-06	2.13E-06	5.01E-04	7.03E-04	4.90E-06	4.81E-06	1.3887E-03
607118.75	4201626.47	29293.01117	0.02697	0.02741	0.24968	0.2625	0.06248	0.06121	5.15E-04	5.60E-06	5.77E-06	8.41E-05	8.80E-05	7.54E-06	7.38E-06	7.1295E-04
607121.43	4201658.65	28088.17579	0.02509	0.02547	0.24264	0.25575	0.0618	0.06053	4.93E-04	5.21E-06	5.36E-06	8.17E-05	8.58E-05	7.46E-06	7.29E-06	6.8619E-04
607125.91	4201581.72	30845.46385	0.02974	0.03032	0.24821	0.26041	0.06275	0.06151	5.42E-04	6.18E-06	6.38E-06	8.36E-05	8.73E-05	7.58E-06	7.41E-06	7.4028E-04
607128.43	4202382.25	9812.0152	0.01022	0.01028	1.73611	2.48733	0.04037	0.03965	1.72E-04	2.12E-06	2.16E-06	5.85E-04	8.34E-04	4.87E-06	4.78E-06	1.6053E-03
607130.44	4202366.21	10019.91152	0.01033	0.01038	1.49925	2.00942	0.04072	0.03999	1.76E-04	2.15E-06	2.18E-06	5.05E-04	6.74E-04	4.92E-06	4.82E-06	1.3690E-03
607131.69	4202533.61	7883.28344	0.00909	0.00913	3.00831	2.43831	0.03563	0.03504	1.38E-04	1.89E-06	1.92E-06	1.01E-03	8.18E-04	4.30E-06	4.22E-06	1.9818E-03
607131.85	4201948.62	18259.43983	0.01603	0.01617	0.30932	0.33101	0.05294	0.05186	3.21E-04	3.33E-06	3.40E-06	1.04E-04	1.11E-04	6.39E-06	6.25E-06	5.5530E-04
607131.85	4201998.62	17010.16307	0.01451	0.01463	0.30165	0.32673	0.0515	0.05046	2.99E-04	3.01E-06	3.08E-06	1.02E-04	1.10E-04	6.22E-06	6.08E-06	5.2835E-04
607131.85	4202048.62	15809.63538	0.01348	0.01359	0.29851	0.32489	0.05006	0.04906	2.78E-04	2.80E-06	2.86E-06	1.01E-04	1.09E-04	6.04E-06	5.91E-06	5.0481E-04
607131.85	4202098.62	14688.68146	0.01262	0.01273	0.3037	0.32881	0.04857	0.04761	2.58E-04	2.62E-06	2.68E-06	1.02E-04	1.10E-04	5.86E-06	5.74E-06	4.8747E-04
607131.85	4202148.62	13634.96194	0.01201	0.01211	0.33719	0.36456	0.04702	0.0461	2.39E-04	2.49E-06	2.55E-06	1.14E-04	1.22E-04	5.68E-06	5.56E-06	4.9161E-04
607131.85	4202198.62	12592.95655	0.01192	0.01199	0.44637	0.48997	0.04532	0.04445	2.21E-04	2.48E-06	2.52E-06	1.50E-04	1.64E-04	5.47E-06	5.36E-06	5.5169E-04
607131.85	4202248.62	11617.81828	0.01183	0.01191	0.5938	0.65391	0.04367	0.04284	2.04E-04	2.46E-06	2.51E-06	2.00E-04	2.19E-04	5.27E-06	5.16E-06	6.3878E-04
607131.85	4202298.62	10937.67049	0.01099	0.01106	0.82549	0.94209	0.04245	0.04166	1.92E-04	2.28E-06	2.33E-06	2.78E-04	3.16E-04	5.13E-06	5.02E-06	8.0088E-04
607131.85	4202348.62	10258.2324	0.01034	0.01039	1.26227	1.60444	0.04114	0.0404	1.80E-04	2.15E-06	2.19E-06	4.25E-04	5.38E-04	4.97E-06	4.87E-06	1.1576E-03
607131.85	4202398.62	9552.84894	0.01026	0.01031	2.65785	4.3951	0.03972	0.03902	1.68E-04	2.13E-06	2.17E-06	8.95E-04	1.47E-03	4.80E-06	4.70E-06	2.5509E-03
607131.85	4202448.62	8838.92539	0.00996	0.01001	4.03909	4.95792	0.03809	0.03743	1.55E-04	2.07E-06	2.11E-06	1.36E-03	1.66E-03	4.60E-06	4.51E-06	3.1918E-03
607131.85	4202498.62	8240.00929	0.00941	0.00946	3.77593	2.82159	0.03658	0.03596	1.45E-04	1.95E-06	1.99E-06	1.27E-03	9.46E-04	4.42E-06	4.33E-06	2.3755E-03
607131.85	4202548.62	7736.41934	0.00895	0.009	2.80972	2.35528	0.03521	0.03464	1.36E-04	1.86E-06	1.89E-06	9.46E-04	7.90E-04	4.25E-06	4.17E-06	1.8843E-03
607131.85	4202598.62	7286.72142	0.00855	0.00859	2.90125	2.36509	0.0339	0.03336	1.28E-04	1.78E-06	1.81E-06	9.77E-04	7.93E-04	4.09E-06	4.02E-06	1.9101E-03
607131.85	4202648.62	6888.80697	0.00821	0.00824	3.99737	2.98263	0.03265	0.03215	1.21E-04	1.70E-06	1.73E-06	1.35E-03	1.00E-03	3.94E-06	3.87E-06	2.4789E-03
607131.85	4202698.62	6521.82288	0.00789	0.00792	5.09593	4.60396	0.0314	0.03093	1.15E-04	1.64E-06	1.67E-06	1.72E-03	1.54E-03	3.79E-06	3.73E-06	3.3859E-03
607131.85	4202748.62	6184.15433	0.0076	0.00762	1.01927	1.4167	0.03014	0.02971	1.09E-04	1.58E-06	1.60E-06	3.43E-04	4.75E-04	3.64E-06	3.58E-06	9.3748E-04
607134.16	4201710.27	25826.68247	0.02187	0.02214	0.23832	0.25128	0.05971	0.05848	4.54E-04	4.54E-06	4.66E-06	8.03E-05	8.43E-05	7.21E-06	7.05E-06	6.4164E-04
607134.55	4201552.91	31479.40997	0.03212	0.0328	0.26128	0.27387	0.06233	0.06113	5.53E-04	6.67E-06	6.90E-06	8.80E-05	9.19E-05	7.53E-06	7.37E-06	7.6125E-04
607135.38	4202554.13	7674.65055	0.00893	0.00897	2.60146	2.20941	0.03495	0.03438	1.35E-04	1.85E-06	1.89E-06	8.76E-04	7.41E-04	4.22E-06	4.14E-06	1.7641E-03
607137.51	4201741.77	24648.84508	0.02062	0.02086	0.24155	0.2546	0.05866	0.05745	4.33E-04	4.28E-06	4.39E-06	8.14E-05	8.54E-05	7.08E-06	6.92E-06	6.2238E-04
607138.86	4201627.81	28228.20447	0.02768	0.02811	0.27348	0.2885	0.06073	0.0595	4.96E-04	5.75E-06	5.91E-06	9.21E-05	9.68E-05	7.33E-06	7.17E-06	7.1086E-04
607139.48	4202572.19	7496.97023	0.00879	0.00883	2.39128	2.04657	0.03434	0.03379	1.32E-04	1.83E-06	1.86E-06	8.05E-04	6.86E-04	4.15E-06	4.07E-06	1.6354E-03
607139.67	4201507.22	32757.21647	0.03592	0.03676	0.27745	0.2902	0.06199	0.06085	5.75E-04	7.46E-06	7.73E-06	9.34E-05	9.73E-05	7.49E-06	7.33E-06	7.9616E-04
607140.46	4201489.08	33479.12209	0.03765	0.0386	0.28166	0.29459	0.06204	0.06091	5.88E-04	7.82E-06	8.12E-06	9.49E-05	9.88E-05	7.49E-06	7.34E-06	8.1249E-04
607140.94	4201796.52	22578.66712	0.02017	0.02041	0.28164	0.29807	0.05673	0.05556	3.97E-04	4.19E-06	4.29E-06	9.49E-05	1.00E-04	6.85E-06	6.70E-06	6.1345E-04
607142.23	4202652.61	6841.64377	0.00824	0.00828	3.16766	2.47528	0.03229	0.0318	1.20E-04	1.71E-06	1.74E-06	1.07E-03	8.30E-04	3.90E-06	3.83E-06	2.0284E-03
607143.61	4201470.95	34064.63453	0.03972	0.04078	0.29049	0.30379	0.06187	0.06077	5.98E-04	8.25E-06	8.58E-06	9.78E-05	1.02E-04	7.47E-06	7.32E-06	8.2969E-04
607145.14	4202352.84	10142.52397	0.01042	0.01047	1.67849	2.25552	0.04046	0.03974	1.78E-04	2.16E-06	2.20E-06	5.65E-04	7.57E-04	4.89E-06	4.79E-06	1.5140E-03
607145.92	4202673.12	6684.84443	0.00813	0.00816	3.41325	2.58245	0.0317	0.03122	1.17E-04	1.69E-06	1.72E-06	1.15E-03	8.66E-04	3.83E-06	3.76E-06	2.1441E-03
607146.05	4202593.12	7302.90809	0.00867	0.00871	2.21697	1.89348	0.03363	0.0331	1.28E-04	1.80E-06	1.83E-06	7.47E-04	6.35E-04	4.06E-06	3.99E-06	1.5217E-03
607146.9	4201656.64	26894.43781	0.02638	0.02679	0.28165	0.2982	0.05959	0.05838	4.72E-04	5.48E-06	5.64E-06	9.49E-05	1.00E-04	7.20E-06	7.04E-06	6.9262E-04
607147.72	4201580.48	29630.62855	0.03083	0.03141	0.27798	0.29256	0.06086	0.05967	5.20E-04	6.40E-06	6.61E-06	9.36E-05	9.81E-05	7.35E-06	7.19E-06	7.3975E-04
607150.03	4202691.18	6550.0924	0.00804	0.00807	3.44885	2.54534	0.03117	0.0307	1.15E-04	1.67E-06	1.70E-06	1.16E-03	8.54E-04	3.76E-06	3.70E-06	2.1412E-03
607150.7	4201452.03	34419.82289	0.04236	0.04357	0.30745	0.3219	0.06137	0.06031	6.05E-04	8.80E-06	9.17E-06	1.04E-04	1.08E-04	7.41E-06	7.27E-06	8.4873E-04
607155.17	4202340.14	10274.62821	0.01057	0.01063	1.70964	2.26315	0.04037	0.03965	1.80E-04	2.19E-06	2.24E-06	5.76E-04	7.59E-04	4.87E-06	4.78E-06	1.5294E-03
607156.28	4201627.14	27412.05981	0.02845	0.0289	0.29735	0.3147	0.0593	0.05812	4.81E-04	5.91E-06	6.08E-06	1.00E-04	1.06E-04	7.16E-06	7.00E-06	7.1334E-04
607156.59	4202712.11	6396.00235	0.00794	0.00797	2.48424	2.05004	0.03051	0.03007	1.12E-04	1.65E-06	1.68E-06	8.37E-04	6.88E-04	3.68E-06	3.62E-06	1.6472E-03
607161.65	4201706.91	24780.80376	0.02364	0.024	0.28308	0.30061	0.05751	0.05634	4.35E-04	4.91E-06	5.05E-06	9.53E-05	1.01E-04	6.94E-06	6.79E-06	6.5513E-04
607164.33	4201744.45	23501.96216	0.0223	0.02264	0.29453	0.3129	0.05639	0.05524	4.13E-04	4.63E-06	4.76E-06	9.92E-05	1.05E-04	6.81E-06	6.66E-06	6.3981E-04
607165.83	4201576.78	28779.61602	0.03203	0.03263	0.30634	0.32345	0.0594	0.05826	5.06E-04	6.65E-06	6.86E-06	1.03E-04	1.08E-04	7.17E-06	7.02E-06	7.4488E-04
607167.09	4201791.19	21812.81911	0.0216	0.02187	0.34837	0.37205	0.05472	0.0536	3.83E-04	4.49E-06	4.60E-06	1.17E-04	1.25E-04	6.61E-06	6.46E-06	6.4741E-04
607167.2	4202333.46	10309.00196	0.01074	0.0108	1.98635	2.67215	0.04003	0.03932	1.81E-04	2.23E-06	2.27E-06	6.69E-04	8.96E-04	4.83E-06	4.74E-06	1.7604E-03
607171.03	4201655.3	25844.57321	0.02753	0.02797	0.32176	0.3428	0.05764	0.05649	4.54E-04	5.72E-06	5.88E-06	1.08E-04	1.15E-04	6.96E-06	6.81E-06	7.0267E-04
607173.88	4202318.09	10486.52737	0.01093	0.01099	1.78405	2.31376	0.04013	0.03942	1.84E-04	2.27E-06	2.31E-06	6.01E-04	7.76E-04	4.85E-06	4.75E-06	1.5753E-03
607177.06	4201627.81	26434.71052	0.02936	0.02985	0.33132	0.35227	0.05764	0.0565	4.64E-04	6.10E-06	6.28E-06	1.12E-04	1.18E-04	6.96E-06	6.81E-06	7.2021E-04
607181.85	4201948.62	17486.61981	0.01668	0.01684	0.38495	0.41602	0.04981	0.04883	3.07E-04	3.46E-06	3.54E-06	1.30E-04	1.40E-04	6.01E-06	5.88E-06	5.9524E-04
607181.85	4201998.62	16307.85197	0.0154	0.01554	0.39793	0.43835	0.04844	0.04749	2.86E-04	3.20E-06	3.27E-06	1.34E-04	1.47E-04	5.85E-06	5.72E-06	5.8553E-04
607181.85	4202048.62	15194.16586	0.0144	0.01452	0.40389	0.45107	0.04706	0.04615	2.67E-04	2.99E-06	3.05E-06	1.36E-04	1.51E-04	5.68E-06	5.56E-06	5.7149E-04
607181.85	4202098.62	14128.90122	0.01367	0.01378	0.42363	0.47221	0.04562	0.04475	2.48E-04	2.84E-06	2.90E-06	1.43E-04	1.58E-04	5.51E-06	5.39E-06	5.6587E-04
607181.85	4202148.62	13072.93327	0.01352	0.01363	0.52255	0.58209	0.04413	0.04329	2.30E-04	2.81E-06	2.87E-06	1.76E-04	1.95E-04	5.33E-06	5.22E-06	6.1707E-04
607181.85	4202198.62	12021.73692	0.01314	0.01324	0.71716	0.83245	0.04243	0.04163	2.11E-04	2.73E-06	2.79E-06	2.42E-04	2.79E-04	5.12E-06	5.02E-06	7.4756E-04
607181.85	4202248.62	11259.76007	0.01252	0.0126	0.90826	1.06719	0.0412	0.04044	1.98E-04	2.60E-06	2.65E-06	3.06E-04	3.58E-04	4.97E-06	4.87E-06	8.7671E-04
607181.85	4202298.62	10688.41571	0.01134	0.01141	1.62073	2.00309	0.04025	0.03953	1.88E-04	2.35E-06	2.40E-06	5.46E-04	6.72E-04	4.86E-06	4.76E-06	1.4198E-03
607181.85	4202348.62	10025.27298	0.01082	0.01088	4.09801	3.36263	0.03904	0.03836	1.76E-04	2.25E-06	2.29E-06	1.38E-03	1.13E-03	4.71E-06	4.62E-06	2.6980E-03
607181.85	4202398.62	9322.68246	0.01082	0.01087	5.80094	4.32921	0.03769	0.03705	1.64E-04	2.25E-06	2.29E-06	1.95E-03	1.45E-03	4.55E-06	4.47E-06	3.5831E-03
607181.85	4202448.62	8638.7052	0.01033	0.01038	2.52134	2.07901	0.03619	0.03558	1.52E-04	2.15E-06	2.18E-06	8.49E-04	6.97E-04	4.37E-06	4.29E-06	1.7112E-03
607181.85	4202498.62	8077.05121	0.00974	0.00979	1.69994	1.47816	0.03485	0.03428	1.42E-04	2.02E-06	2.06E-06	5.73E-04	4.96E-04	4.21E-06	4.13E-06	1.2226E-03
607181.85	4202548.62	7600.28619	0.00926	0.0093	1.43943	1.2917	0.03364	0.0331	1.33E-04	1.92E-06	1.96E-06	4.85E-04	4.33E-04	4.06E-06	3.99E-06	1.0635E-03
607182.57	4202306.06	10594.29454	0.01121	0.01127	1.81577	2.32791	0.04005	0.03934	1.86E-04	2.33E-06	2.37E-06	6.12E-04	7.81E-04	4.84E-06	4.74E-06	1.5927E-03
607183.52	4201578.02	27814.76319	0.03297	0.0336	0.33905	0.35945	0.05796	0.05686	4.89E-04	6.85E-06	7.07E-06	1.14E-04	1.21E-04	7.00E-06	6.85E-06	7.5108E-04
607185.11	4201741.77	22842.51131	0.02342	0.02376	0.33717	0.36068	0.05487	0.05377	4.01E-04	4.86E-06	5.00E-06	1.14E-04	1.21E-04	6.63E-06	6.48E-06	6.5872E-04
607190.12	4201515.89	29430.41261	0.03843	0.03927	0.36646	0.38749	0.05793	0.05688	5.17E-04	7.98E-06	8.26E-06	1.23E-04	1.30E-04	7.00E-06	6.86E-06	8.0042E-04
607190.47	4201708.25	23644.80597	0.02486	0.02525	0.33501	0.3592	0.05527	0.05417	4.15E-04	5.16E-06	5.31E-06	1.13E-04	1.20E-04	6.67E-06	6.53E-06	6.7230E-04
607192.59	4202290.69	10735.03811	0.01167	0.01173	1.7455	2.18331	0.03997	0.03926	1.89E-04	2.42E-06	2.47E-06	5.88E-04	7.32E-04	4.83E-06	4.73E-06	1.5232E-03
607193.82	4201656.64	24888.33851	0.02842	0.02891	0.36204	0.38858	0.05591	0.05481	4.37E-04	5.90E-06	6.08E-06	1.22E-04	1.30E-04	6.75E-06	6.61E-06	7.1476E-04
607194.06	4201499.33	29780.05182	0.04037	0.04129	0.38183	0.40388	0.05775	0.05671	5.23E-04	8.38E-06	8.69E-06	1.29E-04	1.35E-04	6.97E-06	6.83E-06	8.1802E-04
607196.5	4201624.46	25697.27953	0.03051	0.03105	0.36867	0.39398	0.05623	0.05514	4.51E-04	6.34E-06	6.53E-06	1.24E-04	1.32E-04	6.79E-06	6.65E-06	7.3398E-04
607197.52	4201575.13	27186.13582	0.034	0.03467	0.37052	0.39396	0.05688	0.05581	4.78E-04	7.06E-06	7.29E-06	1.25E-04	1.32E-04	6.87E-06	6.73E-06	7.6239E-04
607198	4201459.13	30993.38627	0.04544	0.0466	0.41342	0.43746	0.05767	0.05668	5.44E-04	9.44E-06	9.80E-06	1.39E-04	1.47E-04	6.96E-06	6.83E-06	8.6339E-04
607199.58	4201481.99	30060.80667	0.04272	0.04374	0.40429	0.42797	0.05742	0.05642	5.28E-04	8.87E-06	9.20E-06	1.36E-04	1.44E-04	6.93E-06	6.80E-06	8.3952E-04
607202.62	4202281.33	10796.03914	0.012	0.01208	1.78801	2.26868	0.03976	0.03905	1.90E-04	2.49E-06	2.54E-06	6.02E-04	7.61E-04	4.80E-06	4.71E-06	1.5673E-03
607207.23	4201733.73	22323.70741	0.02472	0.0251	0.38643	0.41668	0.05346	0.05241	3.92E-04	5.13E-06	5.28E-06	1.30E-04	1.40E-04	6.46E-06	6.32E-06	6.8520E-04
607209.24	4201706.24	23016.7465	0.02589	0.0263	0.37972	0.40993	0.05394	0.05288	4.04E-04	5.38E-06	5.53E-06	1.28E-04	1.37E-04	6.51E-06	6.37E-06	6.9346E-04
607209.71	4201784.9	20755.68252	0.02314	0.02345	0.45585	0.49394	0.05189	0.05086	3.65E-04	4.81E-06	4.93E-06	1.54E-04	1.66E-04	6.27E-06	6.13E-06	7.0590E-04
607214.65	4202269.97	10857.9523	0.01243	0.01251	1.82958	2.40451	0.03947	0.03877	1.91E-04	2.58E-06	2.63E-06	6.16E-04	8.07E-04	4.77E-06	4.67E-06	1.6281E-03
607218.63	4201662	23828.33994	0.02902	0.02954	0.41104	0.44529	0.05409	0.05305	4.19E-04	6.03E-06	6.21E-06	1.38E-04	1.49E-04	6.53E-06	6.39E-06	7.3149E-04
607218.92	4201572.25	26202.51569	0.03547	0.03621	0.42638	0.4558	0.05526	0.05423	4.60E-04	7.37E-06	7.62E-06	1.44E-04	1.53E-04	6.67E-06	6.54E-06	7.8491E-04
607221.31	4201641.89	24233.728	0.0306	0.03117	0.42506	0.46025	0.0542	0.05317	4.26E-04	6.35E-06	6.56E-06	1.43E-04	1.54E-04	6.54E-06	6.41E-06	7.4905E-04
607223.32	4201616.42	24830.15573	0.03246	0.0331	0.4336	0.46738	0.05444	0.05341	4.36E-04	6.74E-06	6.96E-06	1.46E-04	1.57E-04	6.57E-06	6.44E-06	7.6565E-04
607226.68	4202254.6	10953.32447	0.01295	0.01304	1.88151	2.66982	0.03922	0.03853	1.92E-04	2.69E-06	2.74E-06	6.34E-04	8.95E-04	4.74E-06	4.64E-06	1.7364E-03
607228.68	4202226.53	11282.46766	0.0134	0.0135	1.49592	2.0475	0.03965	0.03893	1.98E-04	2.78E-06	2.84E-06	5.04E-04	6.87E-04	4.79E-06	4.69E-06	1.4038E-03
607231.85	4201948.62	16608.06799	0.01829	0.01847	0.58965	0.65142	0.04681	0.04592	2.92E-04	3.80E-06	3.89E-06	1.99E-04	2.18E-04	5.65E-06	5.53E-06	7.2767E-04
607231.85	4201998.62	15593.25872	0.01682	0.01697	0.603	0.68416	0.04562	0.04476	2.74E-04	3.49E-06	3.57E-06	2.03E-04	2.29E-04	5.51E-06	5.39E-06	7.2442E-04
607231.85	4202048.62	14583.87358	0.01558	0.0157	0.62614	0.73694	0.04436	0.04353	2.56E-04	3.24E-06	3.30E-06	2.11E-04	2.47E-04	5.36E-06	5.25E-06	7.3136E-04
607231.85	4202098.62	13576.2413	0.0151	0.01522	0.69603	0.8364	0.04303	0.04223	2.38E-04	3.14E-06	3.20E-06	2.34E-04	2.81E-04	5.20E-06	5.09E-06	7.7004E-04
607231.85	4202148.62	12486.25351	0.01459	0.0147	1.07787	1.36138	0.04137	0.04061	2.19E-04	3.03E-06	3.09E-06	3.63E-04	4.57E-04	5.00E-06	4.89E-06	1.0550E-03
607231.85	4202198.62	11638.31806	0.01377	0.01387	1.32156	1.74879	0.04006	0.03934	2.04E-04	2.86E-06	2.92E-06	4.45E-04	5.87E-04	4.84E-06	4.74E-06	1.2514E-03
607231.85	4202248.62	10987.50988	0.01314	0.01323	1.96475	2.87466	0.0391	0.03841	1.93E-04	2.73E-06	2.78E-06	6.62E-04	9.64E-04	4.72E-06	4.63E-06	1.8338E-03
607231.85	4202298.62	10424.65393	0.01192	0.01199	5.3826	4.14534	0.03819	0.03753	1.83E-04	2.48E-06	2.52E-06	1.81E-03	1.39E-03	4.61E-06	4.52E-06	3.4004E-03
607231.85	4202348.62	9773.33682	0.01154	0.01161	4.85225	3.94152	0.03708	0.03645	1.72E-04	2.40E-06	2.44E-06	1.63E-03	1.32E-03	4.48E-06	4.39E-06	3.1416E-03
607231.85	4202398.62	9065.26605	0.01135	0.01142	2.20548	1.92008	0.03574	0.03514	1.59E-04	2.36E-06	2.40E-06	7.43E-04	6.44E-04	4.32E-06	4.24E-06	1.5593E-03
607231.85	4202448.62	8432.98617	0.01069	0.01075	1.41347	1.26782	0.0344	0.03384	1.48E-04	2.22E-06	2.26E-06	4.76E-04	4.25E-04	4.15E-06	4.08E-06	1.0621E-03
607231.85	4202498.62	7918.28744	0.01011	0.01016	1.09836	1.0049	0.03326	0.03273	1.39E-04	2.10E-06	2.14E-06	3.70E-04	3.37E-04	4.02E-06	3.94E-06	8.5825E-04
607231.85	4202548.62	7458.66627	0.00959	0.00963	0.95433	0.88519	0.03216	0.03166	1.31E-04	1.99E-06	2.03E-06	3.21E-04	2.97E-04	3.88E-06	3.82E-06	7.6104E-04
607232.69	4201479.62	28329.16083	0.04614	0.04736	0.52489	0.56197	0.05507	0.05412	4.98E-04	9.58E-06	9.96E-06	1.77E-04	1.88E-04	6.65E-06	6.52E-06	8.9558E-04
607235.06	4201458.34	28906.87772	0.04947	0.05086	0.56098	0.6018	0.05504	0.05411	5.08E-04	1.03E-05	1.07E-05	1.89E-04	2.02E-04	6.65E-06	6.52E-06	9.3266E-04
607237.02	4201569.37	25478.19159	0.03692	0.03773	0.48594	0.5226	0.05401	0.05301	4.48E-04	7.67E-06	7.94E-06	1.64E-04	1.75E-04	6.52E-06	6.39E-06	8.1498E-04
607242.15	4201499.33	27263.68999	0.0446	0.04576	0.55208	0.59422	0.05431	0.05336	4.79E-04	9.26E-06	9.63E-06	1.86E-04	1.99E-04	6.56E-06	6.43E-06	8.9600E-04
607245.3	4201518.25	26564.47473	0.04267	0.04374	0.5503	0.59375	0.05396	0.053	4.67E-04	8.86E-06	9.20E-06	1.85E-04	1.99E-04	6.52E-06	6.39E-06	8.8205E-04
607256.2	4201735.98	20706.26824	0.02701	0.02744	0.57375	0.6388	0.0501	0.04915	3.64E-04	5.61E-06	5.77E-06	1.93E-04	2.14E-04	6.05E-06	5.92E-06	7.9455E-04
607259.99	4202104.79	13108.01836	0.01586	0.016	1.29013	1.85171	0.04139	0.04063	2.30E-04	3.29E-06	3.37E-06	4.35E-04	6.21E-04	5.00E-06	4.90E-06	1.3024E-03
607260.56	4201780.54	19510.63466	0.02519	0.02555	0.68059	0.76269	0.04879	0.04786	3.43E-04	5.23E-06	5.37E-06	2.29E-04	2.56E-04	5.89E-06	5.77E-06	8.5000E-04
607262.5	4201714.67	21023.55324	0.0283	0.02877	0.58438	0.65371	0.05016	0.04921	3.69E-04	5.88E-06	6.05E-06	1.97E-04	2.19E-04	6.06E-06	5.93E-06	8.0927E-04
607263.77	4201568.55	24381.5348	0.03901	0.0399	0.60721	0.66179	0.05222	0.05127	4.28E-04	8.10E-06	8.39E-06	2.05E-04	2.22E-04	6.31E-06	6.18E-06	8.8371E-04
607263.97	4202045.13	14229.46467	0.01684	0.017	1.03546	1.32748	0.04279	0.04201	2.50E-04	3.50E-06	3.58E-06	3.49E-04	4.45E-04	5.17E-06	5.06E-06	1.0612E-03
607265.41	4201691.43	21477.16229	0.0297	0.03021	0.58493	0.65491	0.05043	0.04949	3.77E-04	6.17E-06	6.36E-06	1.97E-04	2.20E-04	6.09E-06	5.96E-06	8.1848E-04
607268.31	4201663.82	22029.85111	0.03153	0.0321	0.58974	0.65946	0.05075	0.0498	3.87E-04	6.55E-06	6.75E-06	1.99E-04	2.21E-04	6.13E-06	6.00E-06	8.3219E-04
607270.25	4201614.91	23088.01355	0.03545	0.0362	0.61464	0.67987	0.05135	0.0504	4.06E-04	7.36E-06	7.62E-06	2.07E-04	2.28E-04	6.20E-06	6.07E-06	8.6783E-04
607271.35	4202059.5	13834.82953	0.0169	0.01705	1.4225	2.07831	0.04201	0.04125	2.43E-04	3.51E-06	3.59E-06	4.79E-04	6.97E-04	5.07E-06	4.97E-06	1.4363E-03
607272.19	4201641.54	22409.98211	0.03337	0.03402	0.61197	0.68354	0.05086	0.04992	3.94E-04	6.93E-06	7.16E-06	2.06E-04	2.29E-04	6.14E-06	6.02E-06	8.5524E-04
607276.28	4201925.31	16225.13045	0.02051	0.02075	1.12154	1.31819	0.04475	0.04392	2.85E-04	4.26E-06	4.37E-06	3.78E-04	4.42E-04	5.40E-06	5.29E-06	1.1242E-03
607278.74	4202023.38	14363.00576	0.01796	0.01813	1.69424	2.3416	0.04243	0.04166	2.52E-04	3.73E-06	3.81E-06	5.71E-04	7.85E-04	5.12E-06	5.02E-06	1.6260E-03

607279.97	4201945.82	15769.17239	0.02001	0.02023	1.29663	1.559	0.0441	0.04328	2.77E-04	4.16E-06	4.26E-06	4.37E-04	5.23E-04	5.33E-06	5.22E-06	1.2555E-03
607281.85	4201948.62	15684.1586	0.01998	0.0202	1.36499	1.65195	0.04393	0.04312	2.75E-04	4.15E-06	4.25E-06	4.60E-04	5.54E-04	5.30E-06	5.20E-06	1.3082E-03
607281.85	4201998.62	14769.0128	0.01864	0.01883	1.66287	2.1976	0.04284	0.04205	2.59E-04	3.87E-06	3.96E-06	5.60E-04	7.37E-04	5.17E-06	5.07E-06	1.5746E-03
607281.85	4202048.62	13872.26158	0.01744	0.01761	2.01789	3.08741	0.0417	0.04094	2.44E-04	3.62E-06	3.70E-06	6.80E-04	1.04E-03	5.04E-06	4.93E-06	1.9761E-03
607281.85	4202098.62	12984.05983	0.01638	0.01653	2.46429	4.43812	0.0405	0.03977	2.28E-04	3.40E-06	3.48E-06	8.30E-04	1.49E-03	4.89E-06	4.79E-06	2.5632E-03
607281.85	4202148.62	12040.60576	0.01524	0.01537	3.66517	3.40058	0.03906	0.03837	2.11E-04	3.16E-06	3.23E-06	1.23E-03	1.14E-03	4.72E-06	4.62E-06	2.6022E-03
607281.85	4202198.62	11279.13426	0.01439	0.01451	3.6039	3.94881	0.03793	0.03726	1.98E-04	2.99E-06	3.05E-06	1.21E-03	1.32E-03	4.58E-06	4.49E-06	2.7515E-03
607281.85	4202248.62	10692.64891	0.01377	0.01388	4.13977	5.35722	0.03711	0.03647	1.88E-04	2.86E-06	2.92E-06	1.39E-03	1.80E-03	4.48E-06	4.40E-06	3.3936E-03
607281.85	4202298.62	10083.81023	0.01296	0.01305	3.8067	2.87725	0.03616	0.03555	1.77E-04	2.69E-06	2.75E-06	1.28E-03	9.65E-04	4.37E-06	4.28E-06	2.4383E-03
607281.85	4202348.62	9424.65684	0.01241	0.0125	1.97795	1.75191	0.03503	0.03445	1.66E-04	2.58E-06	2.63E-06	6.66E-04	5.88E-04	4.23E-06	4.15E-06	1.4329E-03
607281.85	4202398.62	8798.1033	0.01174	0.01181	1.30307	1.19623	0.03387	0.03332	1.55E-04	2.44E-06	2.48E-06	4.39E-04	4.01E-04	4.09E-06	4.02E-06	1.0077E-03
607281.85	4202448.62	8246.88783	0.01107	0.01114	0.9802	0.91111	0.03279	0.03227	1.45E-04	2.30E-06	2.34E-06	3.30E-04	3.06E-04	3.96E-06	3.89E-06	7.9306E-04
607281.85	4202498.62	7759.25607	0.01047	0.01053	0.80663	0.75701	0.03177	0.03128	1.36E-04	2.17E-06	2.22E-06	2.72E-04	2.54E-04	3.84E-06	3.77E-06	6.7386E-04
607281.85	4202548.62	7322.48244	0.00993	0.00999	0.70881	0.67003	0.0308	0.03034	1.29E-04	2.06E-06	2.10E-06	2.39E-04	2.25E-04	3.72E-06	3.66E-06	6.0361E-04
607282.36	4201779.57	18967.42792	0.0261	0.02649	0.86523	0.99609	0.04751	0.04662	3.33E-04	5.42E-06	5.57E-06	2.91E-04	3.34E-04	5.74E-06	5.62E-06	9.8101E-04
607283.25	4202005.74	14619.81701	0.01849	0.01868	1.78258	2.4147	0.0426	0.04183	2.57E-04	3.84E-06	3.93E-06	6.00E-04	8.10E-04	5.14E-06	5.04E-06	1.6850E-03
607284.07	4201963.88	15365.58327	0.0196	0.01982	1.52426	1.89251	0.04348	0.04268	2.70E-04	4.07E-06	4.17E-06	5.13E-04	6.35E-04	5.25E-06	5.14E-06	1.4367E-03
607285.17	4201568.14	23550.848	0.04083	0.04181	0.75193	0.83269	0.05085	0.04994	4.14E-04	8.48E-06	8.80E-06	2.53E-04	2.79E-04	6.14E-06	6.02E-06	9.7563E-04
607287.2	4201728.23	19972.75862	0.02891	0.0294	0.77655	0.89687	0.04835	0.04745	3.51E-04	6.00E-06	6.18E-06	2.62E-04	3.01E-04	5.84E-06	5.72E-06	9.3692E-04
607288.66	4201454.4	26446.40864	0.05712	0.05906	1.10477	1.24173	0.0517	0.05085	4.65E-04	1.19E-05	1.24E-05	3.72E-04	4.16E-04	6.24E-06	6.13E-06	1.2897E-03
607289.45	4201490.66	25436.61289	0.0512	0.05275	0.98694	1.10067	0.05143	0.05056	4.47E-04	1.06E-05	1.11E-05	3.32E-04	3.69E-04	6.21E-06	6.09E-06	1.1824E-03
607289.45	4201511.95	24801.9952	0.04799	0.04934	0.90007	1.00286	0.05117	0.05028	4.36E-04	9.97E-06	1.04E-05	3.03E-04	3.36E-04	6.18E-06	6.06E-06	1.1077E-03
607290.64	4201984.81	14887.92031	0.01919	0.0194	1.98465	2.63252	0.04269	0.04191	2.62E-04	3.98E-06	4.08E-06	6.68E-04	8.83E-04	5.15E-06	5.05E-06	1.8312E-03
607294.18	4201470.16	25781.3042	0.05506	0.05686	1.14499	1.28723	0.05128	0.05043	4.53E-04	1.14E-05	1.20E-05	3.86E-04	4.32E-04	6.19E-06	6.08E-06	1.3059E-03
607294.46	4201707.41	20210.31864	0.03046	0.03102	0.81572	0.95251	0.04832	0.04743	3.55E-04	6.33E-06	6.53E-06	2.75E-04	3.19E-04	5.83E-06	5.72E-06	9.7360E-04
607299.31	4201658.98	21114.97823	0.03384	0.03453	0.80858	0.93937	0.0489	0.04801	3.71E-04	7.03E-06	7.26E-06	2.72E-04	3.15E-04	5.90E-06	5.79E-06	9.8426E-04
607299.31	4201681.26	20629.09121	0.03233	0.03296	0.83042	0.97248	0.04851	0.04762	3.62E-04	6.71E-06	6.93E-06	2.80E-04	3.26E-04	5.86E-06	5.74E-06	9.9345E-04
607303.67	4201638.15	21426.9355	0.03572	0.03648	0.84181	0.97494	0.04897	0.04808	3.76E-04	7.42E-06	7.67E-06	2.84E-04	3.27E-04	5.91E-06	5.79E-06	1.0137E-03
607305.12	4201612.97	21895.56389	0.03815	0.03904	0.88878	1.01669	0.0492	0.04831	3.85E-04	7.92E-06	8.21E-06	2.99E-04	3.41E-04	5.94E-06	5.82E-06	1.0528E-03
607305.12	4201782.47	18312.24593	0.0268	0.02723	1.25305	1.52765	0.0461	0.04525	3.22E-04	5.57E-06	5.73E-06	4.22E-04	5.12E-04	5.57E-06	5.45E-06	1.2784E-03
607307.4	4201564.43	22822.65904	0.04326	0.04437	0.99696	1.13519	0.04955	0.04868	4.01E-04	8.98E-06	9.33E-06	3.36E-04	3.81E-04	5.98E-06	5.87E-06	1.1476E-03
607307.87	4201899.45	16090.37267	0.0221	0.02238	2.16604	2.86429	0.04356	0.04276	2.83E-04	4.59E-06	4.71E-06	7.29E-04	9.61E-04	5.26E-06	5.15E-06	1.9925E-03
607316.49	4201853.9	16729.6814	0.024	0.02434	2.14675	2.95534	0.04403	0.04323	2.94E-04	4.98E-06	5.12E-06	7.23E-04	9.91E-04	5.32E-06	5.21E-06	2.0287E-03
607321.3	4202259.3	10324.31225	0.01406	0.01418	2.77616	2.19171	0.03543	0.03484	1.81E-04	2.92E-06	2.98E-06	9.35E-04	7.35E-04	4.28E-06	4.20E-06	1.8658E-03
607330.96	4202209.32	10856.74117	0.01491	0.01506	3.12303	2.47217	0.03594	0.03533	1.91E-04	3.10E-06	3.17E-06	1.05E-03	8.29E-04	4.34E-06	4.26E-06	2.0866E-03
607331.85	4201948.62	14852.95966	0.02105	0.02133	2.7548	5.68077	0.04137	0.04064	2.61E-04	4.37E-06	4.49E-06	9.28E-04	1.91E-03	5.00E-06	4.90E-06	3.1128E-03
607331.85	4201998.62	14093.80766	0.01967	0.01992	4.06181	6.61806	0.04046	0.03974	2.48E-04	4.08E-06	4.19E-06	1.37E-03	2.22E-03	4.89E-06	4.79E-06	3.8533E-03
607331.85	4202048.62	13279.31691	0.01834	0.01856	6.36332	4.51351	0.03939	0.0387	2.33E-04	3.81E-06	3.90E-06	2.14E-03	1.51E-03	4.76E-06	4.66E-06	3.9074E-03
607331.85	4202098.62	12474.65134	0.01713	0.01732	4.97868	3.48759	0.03828	0.03762	2.19E-04	3.56E-06	3.64E-06	1.68E-03	1.17E-03	4.62E-06	4.53E-06	3.0820E-03
607331.85	4202148.62	11629.00137	0.01585	0.01601	3.83607	2.80971	0.037	0.03636	2.04E-04	3.29E-06	3.37E-06	1.29E-03	9.42E-04	4.47E-06	4.38E-06	2.4541E-03
607331.85	4202198.62	10948.34586	0.01499	0.01514	3.27871	2.52069	0.03601	0.0354	1.92E-04	3.11E-06	3.19E-06	1.10E-03	8.45E-04	4.35E-06	4.27E-06	2.1569E-03
607331.85	4202248.62	10410.91674	0.01433	0.01447	2.48943	2.01355	0.03529	0.0347	1.83E-04	2.98E-06	3.04E-06	8.38E-04	6.75E-04	4.26E-06	4.18E-06	1.7111E-03
607331.85	4202298.62	9798.60207	0.01355	0.01368	1.80366	1.53996	0.03434	0.03378	1.72E-04	2.81E-06	2.88E-06	6.07E-04	5.17E-04	4.15E-06	4.07E-06	1.3100E-03
607331.85	4202348.62	9209.98371	0.01286	0.01297	1.29052	1.16626	0.03338	0.03284	1.62E-04	2.67E-06	2.73E-06	4.35E-04	3.91E-04	4.03E-06	3.96E-06	1.0010E-03
607331.85	4202398.62	8640.15676	0.0122	0.0123	0.96449	0.89807	0.03239	0.03188	1.52E-04	2.53E-06	2.59E-06	3.25E-04	3.01E-04	3.91E-06	3.84E-06	7.9069E-04
607331.85	4202448.62	8086.94231	0.01146	0.01155	0.75513	0.71284	0.03134	0.03086	1.42E-04	2.38E-06	2.43E-06	2.54E-04	2.39E-04	3.78E-06	3.72E-06	6.4777E-04
607331.85	4202498.62	7608.50463	0.01081	0.01089	0.63365	0.60275	0.03039	0.02994	1.34E-04	2.24E-06	2.29E-06	2.13E-04	2.02E-04	3.67E-06	3.61E-06	5.6103E-04
607331.85	4202548.62	7187.48886	0.01025	0.01032	0.55605	0.53207	0.02952	0.02908	1.26E-04	2.13E-06	2.17E-06	1.87E-04	1.78E-04	3.56E-06	3.50E-06	5.0335E-04
607332.24	4201768.91	17903.42784	0.02855	0.02905	2.10387	2.91203	0.04487	0.04406	3.14E-04	5.93E-06	6.11E-06	7.09E-04	9.77E-04	5.42E-06	5.31E-06	2.0225E-03
607333.23	4202147.98	11628.44186	0.01588	0.01605	3.71945	2.74596	0.03696	0.03632	2.04E-04	3.30E-06	3.38E-06	1.25E-03	9.21E-04	4.46E-06	4.38E-06	2.3935E-03
607333.8	4202176.38	11188.5109	0.01525	0.0154	3.2453	2.45047	0.03626	0.03564	1.97E-04	3.17E-06	3.24E-06	1.09E-03	8.22E-04	4.38E-06	4.30E-06	2.1265E-03
607338.67	4201559.91	21805.58036	0.04668	0.04805	1.68645	2.05897	0.04775	0.04693	3.83E-04	9.69E-06	1.01E-05	5.68E-04	6.91E-04	5.77E-06	5.66E-06	1.6728E-03
607339.02	4201743.25	18230.74613	0.0304	0.03099	2.12054	2.99882	0.04503	0.04422	3.20E-04	6.31E-06	6.52E-06	7.14E-04	1.01E-03	5.44E-06	5.33E-06	2.0638E-03
607340.96	4201720	18632.44615	0.03202	0.03267	1.95592	2.7325	0.04538	0.04457	3.27E-04	6.65E-06	6.87E-06	6.59E-04	9.17E-04	5.48E-06	5.37E-06	1.9269E-03
607346.28	4201693.85	19002.95897	0.03414	0.03489	1.95987	2.75648	0.04559	0.04478	3.34E-04	7.09E-06	7.34E-06	6.60E-04	9.25E-04	5.50E-06	5.40E-06	1.9437E-03
607346.86	4202072.72	12740.49797	0.01797	0.01819	3.82402	2.90156	0.03825	0.03758	2.24E-04	3.73E-06	3.83E-06	1.29E-03	9.73E-04	4.62E-06	4.53E-06	2.5016E-03
607348.03	4202037.94	13273.24618	0.01888	0.01912	4.35121	3.34203	0.03894	0.03826	2.33E-04	3.92E-06	4.02E-06	1.47E-03	1.12E-03	4.70E-06	4.61E-06	2.8368E-03
607350.64	4201670.12	19347.31897	0.03619	0.03705	1.95492	2.78523	0.04577	0.04496	3.40E-04	7.52E-06	7.79E-06	6.58E-04	9.34E-04	5.53E-06	5.42E-06	1.9587E-03
607352.58	4201646.39	19746.40219	0.03832	0.03929	1.92059	2.65733	0.04603	0.04522	3.47E-04	7.96E-06	8.27E-06	6.47E-04	8.91E-04	5.56E-06	5.45E-06	1.9122E-03
607355.48	4201589.24	20690.12335	0.04456	0.04585	2.30792	2.98575	0.04653	0.04572	3.63E-04	9.25E-06	9.65E-06	7.77E-04	1.00E-03	5.62E-06	5.51E-06	2.1722E-03
607355.97	4201619.75	20136.00862	0.04119	0.04231	2.11486	2.80668	0.04619	0.04539	3.54E-04	8.55E-06	8.90E-06	7.12E-04	9.41E-04	5.58E-06	5.47E-06	2.0358E-03
607366.33	4200769.13	25327.42244	1.74856	1.43729	0.03979	0.03766	0.03089	0.03103	4.45E-04	3.63E-04	3.02E-04	1.34E-05	1.26E-05	3.73E-06	3.74E-06	1.1438E-03
607369.05	4201993.63	13733.88729	0.02051	0.02081	3.27579	2.76598	0.03902	0.03834	2.41E-04	4.26E-06	4.38E-06	1.10E-03	9.28E-04	4.71E-06	4.62E-06	2.2902E-03
607370.6	4200744.38	24448.38289	1.48929	1.24955	0.036	0.03422	0.02977	0.02993	4.29E-04	3.09E-04	2.63E-04	1.21E-05	1.15E-05	3.59E-06	3.61E-06	1.0324E-03
607378.7	4201943.65	14281.62295	0.02226	0.02261	3.30802	2.80509	0.03945	0.03877	2.51E-04	4.62E-06	4.76E-06	1.11E-03	9.41E-04	4.76E-06	4.67E-06	2.3246E-03
607380.97	4201882.31	15098.20854	0.02457	0.02499	4.1753	3.29048	0.0404	0.0397	2.65E-04	5.10E-06	5.26E-06	1.41E-03	1.10E-03	4.88E-06	4.78E-06	2.7951E-03
607381.54	4201910.71	14695.03929	0.02348	0.02387	3.56835	2.96232	0.0399	0.03921	2.58E-04	4.88E-06	5.02E-06	1.20E-03	9.94E-04	4.82E-06	4.73E-06	2.4729E-03
607381.85	4201948.62	14178.03622	0.02217	0.02252	3.06799	2.63148	0.03925	0.03858	2.49E-04	4.60E-06	4.74E-06	1.03E-03	8.83E-04	4.74E-06	4.65E-06	2.1837E-03
607381.85	4201998.62	13535.04356	0.02057	0.02087	2.52747	2.20146	0.03845	0.0378	2.38E-04	4.27E-06	4.39E-06	8.51E-04	7.38E-04	4.64E-06	4.56E-06	1.8452E-03
607381.85	4202048.62	12797.15193	0.01913	0.0194	2.22774	1.90158	0.03745	0.03682	2.25E-04	3.97E-06	4.08E-06	7.50E-04	6.38E-04	4.52E-06	4.44E-06	1.6299E-03
607381.85	4202098.62	11995.30575	0.01772	0.01795	1.93036	1.65636	0.03628	0.03567	2.11E-04	3.68E-06	3.78E-06	6.50E-04	5.56E-04	4.38E-06	4.30E-06	1.4325E-03
607381.85	4202148.62	11244.76983	0.0164	0.01659	1.68625	1.45184	0.03514	0.03455	1.98E-04	3.41E-06	3.49E-06	5.68E-04	4.87E-04	4.24E-06	4.16E-06	1.2677E-03
607381.85	4202348.62	9025.45361	0.01321	0.01334	0.91408	0.84017	0.0319	0.03141	1.59E-04	2.74E-06	2.81E-06	3.08E-04	2.82E-04	3.85E-06	3.79E-06	7.6137E-04
607381.85	4202398.62	8456.31914	0.01253	0.01265	0.73858	0.69343	0.03094	0.03046	1.49E-04	2.60E-06	2.66E-06	2.49E-04	2.33E-04	3.74E-06	3.67E-06	6.4253E-04
607381.85	4202448.62	7923.33015	0.01177	0.01187	0.60384	0.57435	0.02996	0.02952	1.39E-04	2.44E-06	2.50E-06	2.03E-04	1.93E-04	3.62E-06	3.56E-06	5.4730E-04
607381.85	4202498.62	7460.97644	0.01109	0.01118	0.51462	0.49327	0.02909	0.02867	1.31E-04	2.30E-06	2.35E-06	1.73E-04	1.65E-04	3.51E-06	3.46E-06	4.8144E-04
607381.85	4202548.62	7055.84585	0.01052	0.0106	0.45108	0.43505	0.02831	0.0279	1.24E-04	2.18E-06	2.23E-06	1.52E-04	1.46E-04	3.42E-06	3.36E-06	4.3297E-04
607400.85	4201861.3	15061.70522	0.02599	0.02647	2.93845	2.46245	0.0399	0.03922	2.65E-04	5.40E-06	5.57E-06	9.90E-04	8.26E-04	4.82E-06	4.73E-06	2.1006E-03
607402.25	4201797.62	15910.51225	0.02929	0.0299	3.58586	2.88625	0.04088	0.04018	2.79E-04	6.08E-06	6.29E-06	1.21E-03	9.68E-04	4.94E-06	4.84E-06	2.4774E-03
607402.82	4201762.98	16415.66844	0.03151	0.03221	4.22638	3.23134	0.04145	0.04073	2.88E-04	6.54E-06	6.78E-06	1.42E-03	1.08E-03	5.01E-06	4.91E-06	2.8188E-03
607405.41	4201505.03	20799.3927	0.06304	0.0657	4.17406	3.49824	0.0448	0.04408	3.65E-04	1.31E-05	1.38E-05	1.41E-03	1.17E-03	5.41E-06	5.31E-06	2.9821E-03
607410.62	4201477.67	21151.24711	0.07015	0.07343	3.07512	2.726	0.04474	0.04403	3.72E-04	1.46E-05	1.54E-05	1.04E-03	9.14E-04	5.40E-06	5.31E-06	2.3622E-03
607415.83	4201531.52	19986.65535	0.05885	0.06118	3.87238	3.19242	0.04405	0.04333	3.51E-04	1.22E-05	1.29E-05	1.30E-03	1.07E-03	5.32E-06	5.22E-06	2.7616E-03
607417.02	4201708.46	16944.1121	0.03628	0.03719	3.77283	2.94457	0.04168	0.04097	2.98E-04	7.53E-06	7.82E-06	1.27E-03	9.88E-04	5.03E-06	4.94E-06	2.5812E-03
607423.16	4200737.35	22861.06264	2.92747	2.23907	0.0341	0.03244	0.02905	0.02918	4.02E-04	6.08E-04	4.71E-04	1.15E-05	1.09E-05	3.51E-06	3.52E-06	1.5099E-03
607424.97	4201746.51	16204.8697	0.03356	0.03435	2.8234	2.32863	0.04072	0.04003	2.85E-04	6.97E-06	7.23E-06	9.51E-04	7.81E-04	4.92E-06	4.82E-06	2.0405E-03
607425.67	4201675.37	17257.04663	0.03977	0.04086	3.50822	2.78568	0.04177	0.04107	3.03E-04	8.26E-06	8.60E-06	1.18E-03	9.34E-04	5.04E-06	4.95E-06	2.4458E-03
607426.11	4201803.3	15382.02314	0.02974	0.03037	2.29462	1.97714	0.03974	0.03907	2.70E-04	6.18E-06	6.39E-06	7.73E-04	6.63E-04	4.80E-06	4.71E-06	1.7282E-03
607427.56	4201582.75	18738.45549	0.05127	0.05305	3.76845	3.08289	0.04292	0.04221	3.29E-04	1.06E-05	1.12E-05	1.27E-03	1.03E-03	5.18E-06	5.09E-06	2.6644E-03
607430.39	4201618.1	18038.08578	0.04652	0.048	3.54545	2.90402	0.0423	0.0416	3.17E-04	9.66E-06	1.01E-05	1.19E-03	9.74E-04	5.11E-06	5.01E-06	2.5148E-03
607431.85	4202348.62	8765.04542	0.01353	0.01368	0.68298	0.63872	0.03034	0.02988	1.54E-04	2.81E-06	2.88E-06	2.30E-04	2.14E-04	3.66E-06	3.60E-06	6.1116E-04
607431.85	4202398.62	8217.99854	0.01269	0.01282	0.57163	0.54161	0.02941	0.02897	1.44E-04	2.64E-06	2.70E-06	1.93E-04	1.82E-04	3.55E-06	3.49E-06	5.3090E-04
607431.85	4202448.62	7752.31663	0.012	0.01211	0.49071	0.46926	0.02863	0.02821	1.36E-04	2.49E-06	2.55E-06	1.65E-04	1.57E-04	3.46E-06	3.40E-06	4.7072E-04
607431.85	4202498.62	7318.64186	0.01134	0.01144	0.42627	0.41061	0.02787	0.02747	1.29E-04	2.35E-06	2.41E-06	1.44E-04	1.38E-04	3.37E-06	3.31E-06	4.2127E-04
607431.85	4202548.62	6927.96433	0.01076	0.01085	0.37419	0.36274	0.02716	0.02678	1.22E-04	2.23E-06	2.28E-06	1.26E-04	1.22E-04	3.28E-06	3.23E-06	3.8040E-04
607437.11	4201475.93	20340.00194	0.0744	0.07807	1.95903	1.79581	0.04345	0.04277	3.57E-04	1.54E-05	1.64E-05	6.60E-04	6.02E-04	5.25E-06	5.15E-06	1.6617E-03
607438.52	4201654.18	17264.80754	0.04269	0.04395	2.82622	2.3533	0.04144	0.04075	3.03E-04	8.86E-06	9.25E-06	9.52E-04	7.89E-04	5.00E-06	4.91E-06	2.0724E-03
607441.02	4201532.39	19243.9763	0.06136	0.06389	2.32098	2.06671	0.04281	0.04212	3.38E-04	1.27E-05	1.34E-05	7.82E-04	6.93E-04	5.17E-06	5.08E-06	1.8493E-03
607441.46	4201563.66	18704.32529	0.05553	0.05762	2.63662	2.29783	0.04248	0.04179	3.29E-04	1.15E-05	1.21E-05	8.88E-04	7.71E-04	5.13E-06	5.04E-06	2.0211E-03
607444.85	4201714.71	16230.69763	0.03698	0.03793	2.22327	1.89797	0.0403	0.03962	2.85E-04	7.68E-06	7.98E-06	7.49E-04	6.37E-04	4.87E-06	4.77E-06	1.6958E-03
607445.41	4201806.14	14999.13679	0.03021	0.03086	1.77088	1.57079	0.03888	0.03824	2.63E-04	6.27E-06	6.49E-06	5.96E-04	5.27E-04	4.69E-06	4.61E-06	1.4088E-03
607450.52	4201749.92	15635.70801	0.03432	0.03514	1.90401	1.65828	0.03953	0.03887	2.75E-04	7.13E-06	7.39E-06	6.41E-04	5.56E-04	4.77E-06	4.68E-06	1.4961E-03
607455.14	4201620.93	17360.45781	0.04783	0.04938	2.18495	1.90731	0.04107	0.0404	3.05E-04	9.93E-06	1.04E-05	7.36E-04	6.40E-04	4.96E-06	4.87E-06	1.7107E-03
607455.35	4201475.06	19804.23666	0.07718	0.0811	1.55344	1.44277	0.04259	0.04193	3.48E-04	1.60E-05	1.71E-05	5.23E-04	4.84E-04	5.14E-06	5.05E-06	1.3982E-03
607459.04	4201719.25	15870.56313	0.03723	0.03819	1.82292	1.59413	0.0396	0.03895	2.79E-04	7.73E-06	8.03E-06	6.14E-04	5.35E-04	4.78E-06	4.69E-06	1.4526E-03
607461	4201530.65	18726.38315	0.06382	0.06655	1.7342	1.58702	0.04189	0.04123	3.29E-04	1.33E-05	1.40E-05	5.84E-04	5.32E-04	5.06E-06	4.97E-06	1.4826E-03
607462.74	4201564.09	18142.16324	0.05739	0.05961	1.88848	1.69476	0.04149	0.04082	3.19E-04	1.19E-05	1.25E-05	6.36E-04	5.68E-04	5.01E-06	4.92E-06	1.5575E-03
607463.02	4201659.05	16610.8939	0.04354	0.04483	1.89894	1.66353	0.04023	0.03957	2.92E-04	9.04E-06	9.43E-06	6.40E-04	5.58E-04	4.86E-06	4.77E-06	1.5174E-03
607469.83	4201761.27	15115.60593	0.03421	0.03503	1.48947	1.33332	0.03854	0.03791	2.66E-04	7.10E-06	7.37E-06	5.02E-04	4.47E-04	4.65E-06	4.57E-06	1.2380E-03
607471.54	4201807.84	14522.73035	0.03098	0.03166	1.34391	1.22185	0.0378	0.03718	2.55E-04	6.43E-06	6.66E-06	4.53E-04	4.10E-04	4.56E-06	4.48E-06	1.1397E-03
607473.47	4201205.35	23111.33554	0.35948	0.41811	0.92055	0.82778	0.04135	0.0409	4.06E-04	7.46E-05	8.80E-05	3.10E-04	2.78E-04	4.99E-06	4.93E-06	1.1662E-03
607474.9	4201475.93	19226.55394	0.07944	0.08358	1.26874	1.18998	0.04168	0.04104	3.38E-04	1.65E-05	1.76E-05	4.27E-04	3.99E-04	5.03E-06	4.95E-06	1.2082E-03
607475.65	4201620.23	16884.36289	0.04934	0.05099	1.6502	1.48013	0.04015	0.0395	2.97E-04	1.02E-05	1.07E-05	5.56E-04	4.96E-04	4.85E-06	4.76E-06	1.3794E-03
607478.35	4201723.23	15430.36945	0.03777	0.03876	1.45802	1.30447	0.03872	0.03809	2.71E-04	7.84E-06	8.15E-06	4.91E-04	4.38E-04	4.68E-06	4.59E-06	1.2249E-03
607481.85	4202348.62	8551.4348	0.01383	0.01397	0.53687	0.50762	0.02897	0.02855	1.50E-04	2.87E-06	2.94E-06	1.81E-04	1.70E-04	3.50E-06	3.44E-06	5.1403E-04
607481.85	4202398.62	8037.54403	0.01296	0.01309	0.46405	0.44251	0.02812	0.02771	1.41E-04	2.69E-06	2.75E-06	1.56E-04	1.48E-04	3.40E-06	3.34E-06	4.5807E-04
607481.85	4202448.62	7590.06569	0.01223	0.01234	0.40605	0.39012	0.02739	0.027	1.33E-04	2.54E-06	2.60E-06	1.37E-04	1.31E-04	3.31E-06	3.25E-06	4.1262E-04
607481.85	4202498.62	7181.38998	0.01158	0.01168	0.35797	0.34618	0.02672	0.02634	1.26E-04	2.40E-06	2.46E-06	1.21E-04	1.16E-04	3.23E-06	3.17E-06	3.7408E-04
607481.85	4202548.62	6805.97986	0.01099	0.01108	0.31586	0.3073	0.02607	0.02572	1.20E-04	2.28E-06	2.33E-06	1.06E-04	1.03E-04	3.15E-06	3.10E-06	3.3986E-04
607482.45	4201664.05	16111.86514	0.04407	0.0454	1.49578	1.34074	0.03931	0.03867	2.83E-04	9.15E-06	9.55E-06	5.04E-04	4.50E-04	4.75E-06	4.66E-06	1.2646E-03
607482.71	4201528.05	18198.12071	0.06661	0.06957	1.34591	1.25231	0.04094	0.04029	3.20E-04	1.38E-05	1.46E-05	4.53E-04	4.20E-04	4.94E-06	4.86E-06	1.2312E-03
607483.15	4201562.79	17654.59608	0.05944	0.06182	1.45992	1.33656	0.04059	0.03995	3.10E-04	1.23E-05	1.30E-05	4.92E-04	4.48E-04	4.90E-06	4.81E-06	1.2851E-03
607493.12	4201817.49	14065.08361	0.03114	0.03182	1.10263	1.0183	0.03684	0.03625	2.47E-04	6.47E-06	6.69E-06	3.71E-04	3.42E-04	4.45E-06	4.37E-06	9.8193E-04
607496.96	4201155.79	22718.89891	0.49414	0.57844	0.67074	0.59536	0.03985	0.03946	3.99E-04	1.03E-04	1.22E-04	2.26E-04	2.00E-04	4.81E-06	4.76E-06	1.0585E-03
607496.96	4201172.31	22568.22591	0.4381	0.50989	0.69995	0.62616	0.04007	0.03966	3.96E-04	9.10E-05	1.07E-04	2.36E-04	2.10E-04	4.84E-06	4.78E-06	1.0500E-03
607496.96	4201188.83	22407.93947	0.38865	0.44945	0.72503	0.65351	0.04027	0.03984	3.94E-04	8.07E-05	9.46E-05	2.44E-04	2.19E-04	4.86E-06	4.80E-06	1.0419E-03
607496.96	4201205.35	22238.59425	0.34531	0.39653	0.74639	0.67761	0.04044	0.04	3.91E-04	7.17E-05	8.34E-05	2.51E-04	2.27E-04	4.88E-06	4.82E-06	1.0341E-03
607496.96	4201221.87	22060.87831	0.30757	0.35055	0.76459	0.69872	0.0406	0.04014	3.87E-04	6.39E-05	7.37E-05	2.58E-04	2.34E-04	4.90E-06	4.84E-06	1.0267E-03
607498.23	4201770.36	14491.03272	0.03464	0.03547	1.13003	1.03615	0.03727	0.03667	2.55E-04	7.19E-06	7.46E-06	3.81E-04	3.48E-04	4.50E-06	4.42E-06	1.0062E-03
607498.79	4201747.08	14749.95998	0.03657	0.0375	1.16196	1.06117	0.03756	0.03696	2.59E-04	7.59E-06	7.89E-06	3.91E-04	3.56E-04	4.54E-06	4.45E-06	1.0308E-03
607499.22	4201472.89	18606.33637	0.08322	0.0877	1.01672	0.96236	0.04063	0.04001	3.27E-04	1.73E-05	1.84E-05	3.42E-04	3.23E-04	4.91E-06	4.82E-06	1.0375E-03
607502.35	4201677.74	15523.46288	0.04362	0.04493	1.2158	1.10683	0.03831	0.03769	2.73E-04	9.06E-06	9.45E-06	4.09E-04	3.71E-04	4.63E-06	4.54E-06	1.0811E-03
607506.75	4201731.18	14796.04581	0.03837	0.03938	1.11135	1.01767	0.03746	0.03686	2.60E-04	7.97E-06	8.28E-06	3.74E-04	3.41E-04	4.52E-06	4.44E-06	1.0007E-03
607507.9	4201522.4	17652.23124	0.07034	0.0736	1.05256	0.99136	0.03989	0.03927	3.10E-04	1.46E-05	1.55E-05	3.54E-04	3.33E-04	4.82E-06	4.73E-06	1.0367E-03
607509.64	4201539.77	17357.55075	0.06649	0.06941	1.07456	1.0071	0.03966	0.03905	3.05E-04	1.38E-05	1.46E-05	3.62E-04	3.38E-04	4.79E-06	4.71E-06	1.0425E-03
607510.51	4201563.23	16999.54703	0.06168	0.0642	1.11004	1.03317	0.03941	0.03879	2.99E-04	1.28E-05	1.35E-05	3.74E-04	3.47E-04	4.76E-06	4.67E-06	1.0547E-03
607517.46	4201473.76	18117.28239	0.08478	0.08937	0.88571	0.84227	0.03984	0.03924	3.18E-04	1.76E-05	1.88E-05	2.98E-04	2.83E-04	4.81E-06	4.73E-06	9.4498E-04
607518.78	4201606.08	16146.87077	0.0546	0.05659	1.06714	0.98983	0.0385	0.0379	2.84E-04	1.13E-05	1.19E-05	3.59E-04	3.32E-04	4.65E-06	4.57E-06	1.0075E-03
607520.45	4201073.19	22441.68158	0.76502	0.88343	0.38852	0.33828	0.0377	0.03741	3.94E-04	1.59E-04	1.86E-04	1.31E-04	1.13E-04	4.55E-06	4.51E-06	9.9227E-04
607520.45	4201089.71	22350.21492	0.6925	0.80196	0.4284	0.37487	0.03801	0.0377	3.93E-04	1.44E-04	1.69E-04	1.44E-04	1.26E-04	4.59E-06	4.54E-06	9.8424E-04
607520.45	4201106.23	22247.19468	0.62457	0.72371	0.46554	0.40986	0.03829	0.03796	3.91E-04	1.30E-04	1.52E-04	1.57E-04	1.37E-04	4.62E-06	4.57E-06	9.7617E-04
607520.45	4201122.75	22132.99246	0.56204	0.65031	0.49929	0.44258	0.03856	0.03821	3.89E-04	1.17E-04	1.37E-04	1.68E-04	1.48E-04	4.66E-06	4.61E-06	9.6814E-04
607520.45	4201155.79	21873.60013	0.454	0.5219	0.5566	0.50017	0.03902	0.03864	3.84E-04	9.43E-05	1.10E-04	1.87E-04	1.68E-04	4.71E-06	4.66E-06	9.5286E-04
607520.45	4201172.31	21729.77825	0.40796	0.46708	0.58068	0.52516	0.03922	0.03882	3.82E-04	8.47E-05	9.83E-05	1.96E-04	1.76E-04	4.74E-06	4.68E-06	9.4578E-04
607520.45	4201188.83	21577.34358	0.36667	0.41795	0.60204	0.54779	0.0394	0.03898	3.79E-04	7.61E-05	8.79E-05	2.03E-04	1.84E-04	4.76E-06	4.70E-06	9.3902E-04
607520.45	4201205.35	21416.84799	0.32976	0.37404	0.62088	0.5682	0.03956	0.03913	3.76E-04	6.85E-05	7.87E-05	2.09E-04	1.91E-04	4.78E-06	4.72E-06	9.3253E-04
607520.45	4201221.87	21248.76609	0.29694	0.33501	0.63746	0.58651	0.0397	0.03925	3.73E-04	6.17E-05	7.05E-05	2.15E-04	1.97E-04	4.79E-06	4.73E-06	9.2630E-04
607523.01	4201691.84	14948.2498	0.04313	0.0444	1.00933	0.93066	0.0373	0.03671	2.63E-04	8.96E-06	9.34E-06	3.40E-04	3.12E-04	4.50E-06	4.42E-06	9.4187E-04
607531.85	4202348.62	8356.45273	0.01419	0.01434	0.43667	0.41628	0.02774	0.02734	1.47E-04	2.95E-06	3.02E-06	1.47E-04	1.40E-04	3.35E-06	3.29E-06	4.4608E-04
607531.85	4202398.62	7870.15174	0.01329	0.01341	0.38549	0.36979	0.02694	0.02656	1.38E-04	2.76E-06	2.82E-06	1.30E-04	1.24E-04	3.25E-06	3.20E-06	4.0413E-04
607531.85	4202448.62	7430.12209	0.01248	0.01259	0.34038	0.32854	0.02622	0.02586	1.31E-04	2.59E-06	2.65E-06	1.15E-04	1.10E-04	3.17E-06	3.12E-06	3.6686E-04
607531.85	4202498.62	7048.47478	0.01184	0.01194	0.3042	0.29522	0.02563	0.02528	1.24E-04	2.46E-06	2.51E-06	1.02E-04	9.90E-05	3.09E-06	3.05E-06	3.3639E-04
607531.85	4202548.62	6687.37165	0.01123	0.01133	0.27017	0.26359	0.02504	0.02471	1.17E-04	2.33E-06	2.38E-06	9.10E-05	8.84E-05	3.02E-06	2.98E-06	3.0758E-04
607535.76	4201644.98	15266.85654	0.04965	0.05131	0.93067	0.86536	0.03734	0.03675	2.68E-04	1.03E-05	1.08E-05	3.13E-04	2.90E-04	4.51E-06	4.43E-06	9.0189E-04
607540.71	4201675.39	14806.12578	0.04596	0.04739	0.88984	0.82763	0.0368	0.03622	2.60E-04	9.54E-06	9.97E-06	3.00E-04	2.78E-04	4.44E-06	4.37E-06	8.6567E-04
607541.39	4201808.98	13424.44797	0.03357	0.03435	0.80291	0.75331	0.03524	0.03469	2.36E-04	6.97E-06	7.23E-06	2.70E-04	2.53E-04	4.26E-06	4.18E-06	7.8151E-04
607543.94	4201073.19	21627.28751	0.67309	0.7646	0.3396	0.29995	0.037	0.03671	3.80E-04	1.40E-04	1.61E-04	1.14E-04	1.01E-04	4.47E-06	4.42E-06	9.0437E-04
607543.94	4201089.71	21537.23888	0.61434	0.69934	0.37052	0.32873	0.03728	0.03697	3.78E-04	1.28E-04	1.47E-04	1.25E-04	1.10E-04	4.50E-06	4.46E-06	8.9700E-04
607543.94	4201106.23	21436.5732	0.55925	0.63694	0.39954	0.35637	0.03754	0.03722	3.77E-04	1.16E-04	1.34E-04	1.35E-04	1.20E-04	4.53E-06	4.49E-06	8.8977E-04
607543.94	4201122.75	21325.86733	0.50827	0.57831	0.42625	0.3824	0.03779	0.03744	3.75E-04	1.06E-04	1.22E-04	1.44E-04	1.28E-04	4.56E-06	4.51E-06	8.8268E-04
607543.94	4201172.31	20939.59972	0.38057	0.42965	0.49259	0.44952	0.0384	0.03801	3.68E-04	7.90E-05	9.04E-05	1.66E-04	1.51E-04	4.64E-06	4.58E-06	8.6310E-04
607546.5	4201792.51	13511.0169	0.03502	0.03586	0.79256	0.74321	0.03527	0.03472	2.37E-04	7.27E-06	7.54E-06	2.67E-04	2.49E-04	4.26E-06	4.18E-06	7.7678E-04
607553.31	4201751.62	13797.9964	0.0387	0.03972	0.785	0.73526	0.03551	0.03496	2.42E-04	8.04E-06	8.36E-06	2.64E-04	2.47E-04	4.29E-06	4.21E-06	7.7825E-04
607553.44	4201659.83	14752.16314	0.04862	0.0502	0.8176	0.76473	0.03649	0.03592	2.59E-04	1.01E-05	1.06E-05	2.75E-04	2.57E-04	4.41E-06	4.33E-06	8.2037E-04
607558.28	4201479.41	17049.27178	0.08617	0.09072	0.68349	0.65433	0.03815	0.03758	2.99E-04	1.79E-05	1.91E-05	2.30E-04	2.19E-04	4.61E-06	4.53E-06	7.9524E-04
607563.06	4201541.51	16142.39707	0.07007	0.0732	0.72709	0.69079	0.03749	0.03693	2.84E-04	1.46E-05	1.54E-05	2.45E-04	2.32E-04	4.53E-06	4.45E-06	7.9904E-04
607563.93	4201561.49	15861.50627	0.06587	0.06866	0.73819	0.69986	0.03727	0.03671	2.79E-04	1.37E-05	1.44E-05	2.49E-04	2.35E-04	4.50E-06	4.42E-06	7.9901E-04
607564.36	4201522.4	16356.69757	0.07468	0.07819	0.70263	0.66988	0.0376	0.03703	2.87E-04	1.55E-05	1.64E-05	2.37E-04	2.25E-04	4.54E-06	4.46E-06	7.8959E-04
607566.53	4201581.9	15513.05038	0.06207	0.06455	0.73937	0.69984	0.03692	0.03636	2.72E-04	1.29E-05	1.36E-05	2.49E-04	2.35E-04	4.46E-06	4.38E-06	7.9154E-04
607567.43	4201073.19	20857.43088	0.60098	0.67345	0.3009	0.26892	0.0363	0.03602	3.66E-04	1.25E-04	1.42E-04	1.01E-04	9.02E-05	4.38E-06	4.34E-06	8.3309E-04
607567.43	4201089.71	20768.84526	0.55221	0.6198	0.32552	0.2921	0.03657	0.03626	3.65E-04	1.15E-04	1.30E-04	1.10E-04	9.80E-05	4.42E-06	4.37E-06	8.2625E-04
607567.43	4201106.23	20670.76348	0.50643	0.56867	0.34878	0.31443	0.03681	0.03649	3.63E-04	1.05E-04	1.20E-04	1.17E-04	1.05E-04	4.44E-06	4.40E-06	8.1965E-04
607567.43	4201122.75	20563.61353	0.46389	0.52056	0.37041	0.33561	0.03704	0.0367	3.61E-04	9.63E-05	1.10E-04	1.25E-04	1.13E-04	4.47E-06	4.42E-06	8.1325E-04
607571.31	4201602.75	15121.29146	0.0584	0.06061	0.72424	0.68474	0.03646	0.03591	2.66E-04	1.21E-05	1.28E-05	2.44E-04	2.30E-04	4.40E-06	4.33E-06	7.7280E-04
607571.44	4201713.55	13864.10676	0.04318	0.04443	0.71677	0.67428	0.03525	0.03471	2.44E-04	8.97E-06	9.35E-06	2.41E-04	2.26E-04	4.26E-06	4.18E-06	7.3783E-04
607574.23	4201809.28	12977.36782	0.03488	0.03571	0.66869	0.63408	0.03419	0.03367	2.28E-04	7.24E-06	7.51E-06	2.25E-04	2.13E-04	4.13E-06	4.06E-06	6.8877E-04
607577.16	4201791.94	13102.36866	0.03636	0.03726	0.66812	0.63306	0.03431	0.03379	2.30E-04	7.55E-06	7.84E-06	2.25E-04	2.12E-04	4.14E-06	4.07E-06	6.9110E-04
607579.99	4201477.67	16579.47971	0.08792	0.09254	0.60168	0.57752	0.03732	0.03677	2.91E-04	1.83E-05	1.95E-05	2.03E-04	1.94E-04	4.51E-06	4.43E-06	7.3422E-04
607581.63	4201694.49	13878.58578	0.04571	0.0471	0.67825	0.6397	0.03508	0.03454	2.44E-04	9.49E-06	9.91E-06	2.28E-04	2.15E-04	4.24E-06	4.16E-06	7.1456E-04
607581.85	4202348.62	8157.29281	0.01461	0.01475	0.36314	0.34846	0.02657	0.0262	1.43E-04	3.03E-06	3.10E-06	1.22E-04	1.17E-04	3.21E-06	3.16E-06	3.9496E-04
607581.85	4202398.62	7702.99419	0.01366	0.01378	0.32522	0.31357	0.02583	0.02547	1.35E-04	2.84E-06	2.90E-06	1.10E-04	1.05E-04	3.12E-06	3.07E-06	3.6193E-04
607581.85	4202448.62	7292.29803	0.01284	0.01295	0.29135	0.2823	0.02517	0.02484	1.28E-04	2.67E-06	2.72E-06	9.81E-05	9.47E-05	3.04E-06	2.99E-06	3.3232E-04
607581.85	4202498.62	6921.22651	0.01214	0.01224	0.26168	0.25474	0.02461	0.02428	1.22E-04	2.52E-06	2.57E-06	8.81E-05	8.54E-05	2.97E-06	2.93E-06	3.0614E-04
607581.85	4202548.62	6573.05118	0.0115	0.0116	0.23392	0.22878	0.02406	0.02375	1.15E-04	2.39E-06	2.44E-06	7.88E-05	7.67E-05	2.91E-06	2.86E-06	2.8157E-04
607583.98	4201765.25	13254.11741	0.03892	0.03994	0.65778	0.62226	0.03441	0.03388	2.33E-04	8.08E-06	8.40E-06	2.22E-04	2.09E-04	4.15E-06	4.08E-06	6.8777E-04
607584.55	4201620.93	14644.55322	0.05599	0.05801	0.6709	0.63503	0.03576	0.03522	2.57E-04	1.16E-05	1.22E-05	2.26E-04	2.13E-04	4.32E-06	4.24E-06	7.2857E-04
607588.25	4201535.86	15692.21271	0.0728	0.07608	0.62055	0.59248	0.03658	0.03604	2.76E-04	1.51E-05	1.60E-05	2.09E-04	1.99E-04	4.42E-06	4.34E-06	7.2323E-04
607590.92	4201023.63	20332.20264	0.68027	0.74702	0.20654	0.18506	0.03479	0.03455	3.57E-04	1.41E-04	1.57E-04	6.96E-05	6.21E-05	4.20E-06	4.16E-06	7.9554E-04
607590.92	4201040.15	20274.49681	0.63248	0.69706	0.22768	0.20435	0.03508	0.03483	3.56E-04	1.31E-04	1.47E-04	7.67E-05	6.85E-05	4.24E-06	4.20E-06	7.8775E-04
607590.92	4201056.67	20206.66866	0.5867	0.6485	0.24883	0.22388	0.03536	0.0351	3.55E-04	1.22E-04	1.36E-04	8.38E-05	7.51E-05	4.27E-06	4.23E-06	7.8058E-04
607590.92	4201073.19	20129.15785	0.54305	0.60156	0.26959	0.24332	0.03563	0.03534	3.54E-04	1.13E-04	1.27E-04	9.08E-05	8.16E-05	4.30E-06	4.26E-06	7.7385E-04
607590.92	4201089.71	20042.19386	0.50174	0.55652	0.28963	0.26237	0.03587	0.03557	3.52E-04	1.04E-04	1.17E-04	9.75E-05	8.80E-05	4.33E-06	4.29E-06	7.6747E-04
607590.92	4201106.23	19946.54512	0.46294	0.5137	0.30867	0.28076	0.0361	0.03578	3.50E-04	9.61E-05	1.08E-04	1.04E-04	9.42E-05	4.36E-06	4.31E-06	7.6136E-04
607590.92	4201122.75	19841.9833	0.42678	0.47335	0.32651	0.29829	0.03631	0.03597	3.49E-04	8.86E-05	9.96E-05	1.10E-04	1.00E-04	4.38E-06	4.34E-06	7.5546E-04
607597.59	4201692.32	13645.22895	0.04671	0.04814	0.62107	0.58815	0.03455	0.03403	2.40E-04	9.70E-06	1.01E-05	2.09E-04	1.97E-04	4.17E-06	4.10E-06	6.7422E-04
607598.67	4201478.97	16158.21146	0.08831	0.09287	0.54574	0.52473	0.03661	0.03608	2.84E-04	1.83E-05	1.95E-05	1.84E-04	1.76E-04	4.42E-06	4.35E-06	6.9026E-04

607600.11	4201587.7	14786.69452	0.06272	0.06518	0.60704	0.57822	0.03559	0.03506	2.60E-04	1.30E-05	1.37E-05	2.04E-04	1.94E-04	4.30E-06	4.23E-06	6.9337E-04
607607.03	4201729.35	13251.03637	0.04335	0.04458	0.59427	0.5644	0.03405	0.03354	2.33E-04	9.00E-06	9.38E-06	2.00E-04	1.89E-04	4.11E-06	4.04E-06	6.4874E-04
607607.79	4201535.43	15311.27379	0.0738	0.07708	0.55754	0.53371	0.03587	0.03535	2.69E-04	1.53E-05	1.62E-05	1.88E-04	1.79E-04	4.33E-06	4.26E-06	6.7586E-04
607610.72	4201606.08	14357.24926	0.05974	0.06198	0.57699	0.54977	0.03499	0.03447	2.52E-04	1.24E-05	1.30E-05	1.94E-04	1.84E-04	4.23E-06	4.15E-06	6.6473E-04
607614.41	4201023.63	19642.07181	0.61434	0.66899	0.19146	0.173	0.03418	0.03394	3.45E-04	1.28E-04	1.41E-04	6.45E-05	5.80E-05	4.13E-06	4.09E-06	7.4404E-04
607614.41	4201040.15	19582.29288	0.57282	0.62566	0.20905	0.18925	0.03446	0.03421	3.44E-04	1.19E-04	1.32E-04	7.04E-05	6.35E-05	4.16E-06	4.12E-06	7.3670E-04
607614.41	4201056.67	19514.32072	0.53321	0.5838	0.22657	0.20561	0.03472	0.03445	3.43E-04	1.11E-04	1.23E-04	7.63E-05	6.90E-05	4.19E-06	4.15E-06	7.2992E-04
607614.41	4201073.19	19437.76626	0.49558	0.54357	0.24375	0.22184	0.03497	0.03468	3.41E-04	1.03E-04	1.14E-04	8.21E-05	7.44E-05	4.22E-06	4.18E-06	7.2359E-04
607614.41	4201089.71	19352.27042	0.46001	0.50511	0.26035	0.23775	0.03519	0.03489	3.40E-04	9.55E-05	1.06E-04	8.77E-05	7.97E-05	4.25E-06	4.20E-06	7.1759E-04
607614.41	4201106.23	19259.52449	0.42657	0.46859	0.27621	0.25315	0.0354	0.03509	3.38E-04	8.86E-05	9.86E-05	9.30E-05	8.49E-05	4.27E-06	4.23E-06	7.1189E-04
607615.67	4201566.48	14791.08425	0.06754	0.07031	0.54952	0.52576	0.03531	0.03479	2.60E-04	1.40E-05	1.48E-05	1.85E-04	1.76E-04	4.26E-06	4.19E-06	6.5849E-04
607618.06	4201676.37	13477.38621	0.04953	0.05111	0.55898	0.53174	0.03402	0.03351	2.37E-04	1.03E-05	1.08E-05	1.88E-04	1.78E-04	4.11E-06	4.04E-06	6.3252E-04
607620.62	4201625.88	13955.68762	0.05679	0.05882	0.54991	0.52417	0.03443	0.03392	2.45E-04	1.18E-05	1.24E-05	1.85E-04	1.76E-04	4.16E-06	4.09E-06	6.3856E-04
607623.86	4201478.54	15641.32474	0.08914	0.09364	0.48182	0.46411	0.0357	0.03519	2.75E-04	1.85E-05	1.97E-05	1.62E-04	1.56E-04	4.31E-06	4.24E-06	6.3944E-04
607628.27	4201709.56	13106.36224	0.04634	0.04773	0.53706	0.51165	0.03354	0.03305	2.30E-04	9.62E-06	1.00E-05	1.81E-04	1.72E-04	4.05E-06	3.98E-06	6.1040E-04
607631.24	4201526.31	14969.29655	0.07672	0.08015	0.49112	0.47174	0.03511	0.03461	2.63E-04	1.59E-05	1.69E-05	1.65E-04	1.58E-04	4.24E-06	4.17E-06	6.2777E-04
607631.85	4202348.62	7955.68741	0.01504	0.0152	0.3072	0.29627	0.02547	0.02512	1.40E-04	3.12E-06	3.20E-06	1.03E-04	9.94E-05	3.08E-06	3.03E-06	3.5500E-04
607631.85	4202398.62	7528.37487	0.01403	0.01417	0.2774	0.26861	0.02477	0.02444	1.32E-04	2.91E-06	2.98E-06	9.34E-05	9.01E-05	2.99E-06	2.95E-06	3.2759E-04
607631.85	4202448.62	7156.98181	0.01322	0.01334	0.2521	0.24508	0.0242	0.02388	1.26E-04	2.75E-06	2.81E-06	8.49E-05	8.22E-05	2.92E-06	2.88E-06	3.0417E-04
607631.85	4202498.62	6801.3515	0.01247	0.01258	0.22784	0.2224	0.02366	0.02336	1.19E-04	2.59E-06	2.65E-06	7.67E-05	7.46E-05	2.86E-06	2.82E-06	2.8170E-04
607631.85	4202548.62	6466.41347	0.0118	0.0119	0.20493	0.20085	0.02316	0.02286	1.14E-04	2.45E-06	2.50E-06	6.90E-05	6.74E-05	2.80E-06	2.76E-06	2.6047E-04
607636.96	4201667.56	13281.95048	0.05147	0.05315	0.5105	0.48735	0.0335	0.03301	2.33E-04	1.07E-05	1.12E-05	1.72E-04	1.63E-04	4.05E-06	3.98E-06	5.9858E-04
607637.9	4201023.63	18986.11094	0.5602	0.60543	0.17813	0.16215	0.03358	0.03335	3.33E-04	1.16E-04	1.27E-04	6.00E-05	5.44E-05	4.05E-06	4.02E-06	6.9964E-04
607637.9	4201040.15	18927.02452	0.5237	0.5674	0.19297	0.176	0.03384	0.0336	3.32E-04	1.09E-04	1.19E-04	6.50E-05	5.90E-05	4.09E-06	4.05E-06	6.9272E-04
607637.9	4201056.67	18858.03713	0.489	0.53089	0.20769	0.18988	0.03409	0.03382	3.31E-04	1.02E-04	1.12E-04	6.99E-05	6.37E-05	4.12E-06	4.08E-06	6.8629E-04
607637.9	4201073.19	18782.40449	0.45612	0.49593	0.22212	0.20363	0.03432	0.03404	3.30E-04	9.47E-05	1.04E-04	7.48E-05	6.83E-05	4.14E-06	4.10E-06	6.8031E-04
607637.9	4201089.71	18699.4678	0.42503	0.46259	0.2361	0.2171	0.03453	0.03423	3.28E-04	8.83E-05	9.73E-05	7.95E-05	7.28E-05	4.17E-06	4.13E-06	6.7466E-04
607637.9	4201106.23	18609.41756	0.3958	0.43097	0.24951	0.23017	0.03472	0.03441	3.27E-04	8.22E-05	9.07E-05	8.40E-05	7.72E-05	4.19E-06	4.15E-06	6.6930E-04
607638.19	4201499.38	15132.57588	0.08359	0.08755	0.46192	0.44486	0.03506	0.03456	2.66E-04	1.74E-05	1.84E-05	1.56E-04	1.49E-04	4.23E-06	4.17E-06	6.1476E-04
607646.08	4201557.29	14362.43533	0.07035	0.07325	0.47058	0.45187	0.03436	0.03387	2.52E-04	1.46E-05	1.54E-05	1.58E-04	1.52E-04	4.15E-06	4.08E-06	6.0057E-04
607647.58	4201700.87	12914.89223	0.04802	0.04949	0.4909	0.46965	0.03304	0.03255	2.27E-04	9.97E-06	1.04E-05	1.65E-04	1.58E-04	3.99E-06	3.92E-06	5.7800E-04
607655.79	4201662.74	13060.78894	0.05286	0.0546	0.46878	0.44882	0.03298	0.0325	2.29E-04	1.10E-05	1.15E-05	1.58E-04	1.51E-04	3.98E-06	3.92E-06	5.6819E-04
607661.39	4201023.63	18364.10321	0.51503	0.55279	0.16628	0.15237	0.033	0.03277	3.23E-04	1.07E-04	1.16E-04	5.60E-05	5.11E-05	3.98E-06	3.95E-06	6.6085E-04
607661.39	4201040.15	18303.91273	0.48261	0.5191	0.17894	0.1643	0.03324	0.033	3.22E-04	1.00E-04	1.09E-04	6.03E-05	5.51E-05	4.01E-06	3.98E-06	6.5429E-04
607661.39	4201056.67	18237.11428	0.45185	0.48688	0.19147	0.17621	0.03347	0.03321	3.20E-04	9.38E-05	1.02E-04	6.45E-05	5.91E-05	4.04E-06	4.00E-06	6.4822E-04
607661.39	4201073.19	18161.87866	0.42275	0.45612	0.20377	0.18799	0.03369	0.03341	3.19E-04	8.78E-05	9.60E-05	6.86E-05	6.31E-05	4.07E-06	4.03E-06	6.4253E-04
607661.39	4201089.71	18080.15584	0.39528	0.42686	0.21569	0.19955	0.03388	0.03359	3.18E-04	8.21E-05	8.98E-05	7.26E-05	6.69E-05	4.09E-06	4.05E-06	6.3717E-04
607661.39	4201106.23	17992.6635	0.36942	0.39912	0.22717	0.21079	0.03406	0.03375	3.16E-04	7.67E-05	8.40E-05	7.65E-05	7.07E-05	4.11E-06	4.07E-06	6.3210E-04
607664.96	4201692.67	12741.0586	0.04954	0.05108	0.45433	0.43576	0.03258	0.03211	2.24E-04	1.03E-05	1.07E-05	1.53E-04	1.46E-04	3.93E-06	3.87E-06	5.5180E-04
607665.17	4201577.8	13778.02934	0.06681	0.06941	0.43833	0.42143	0.03348	0.033	2.42E-04	1.39E-05	1.46E-05	1.48E-04	1.41E-04	4.04E-06	3.98E-06	5.6748E-04
607665.17	4201609.62	13417.51963	0.06096	0.06317	0.44384	0.42607	0.03313	0.03266	2.36E-04	1.27E-05	1.33E-05	1.49E-04	1.43E-04	4.00E-06	3.94E-06	5.6195E-04
607672.95	4201521.22	14272.91392	0.07863	0.08205	0.4055	0.39103	0.03374	0.03327	2.51E-04	1.63E-05	1.73E-05	1.37E-04	1.31E-04	4.07E-06	4.01E-06	5.6010E-04
607675.07	4201495.76	14491.77292	0.08486	0.08874	0.39217	0.37866	0.03384	0.03337	2.55E-04	1.76E-05	1.87E-05	1.32E-04	1.27E-04	4.09E-06	4.02E-06	5.5803E-04
607675.1	4201657.91	12835.00723	0.05414	0.05592	0.4314	0.41412	0.03244	0.03198	2.25E-04	1.12E-05	1.18E-05	1.45E-04	1.39E-04	3.92E-06	3.85E-06	5.4041E-04
607681.85	4202348.62	7763.97014	0.01551	0.01568	0.26397	0.25567	0.02447	0.02415	1.36E-04	3.22E-06	3.30E-06	8.89E-05	8.58E-05	2.95E-06	2.91E-06	3.2341E-04
607681.85	4202398.62	7378.00636	0.01448	0.01463	0.24119	0.23434	0.02384	0.02353	1.30E-04	3.01E-06	3.08E-06	8.12E-05	7.86E-05	2.88E-06	2.84E-06	3.0122E-04
607681.85	4202448.62	7024.21709	0.01361	0.01374	0.22033	0.21481	0.02329	0.02299	1.23E-04	2.83E-06	2.89E-06	7.42E-05	7.20E-05	2.81E-06	2.77E-06	2.8093E-04
607681.85	4202498.62	6686.45725	0.01282	0.01294	0.20037	0.19603	0.02278	0.0225	1.17E-04	2.66E-06	2.72E-06	6.75E-05	6.58E-05	2.75E-06	2.71E-06	2.6153E-04
607681.85	4202548.62	6364.96921	0.01211	0.01222	0.18128	0.17798	0.02231	0.02203	1.12E-04	2.51E-06	2.57E-06	6.11E-05	5.97E-05	2.69E-06	2.66E-06	2.4298E-04
607682.14	4201602.55	13229.79566	0.06253	0.06481	0.41174	0.3961	0.03267	0.0322	2.32E-04	1.30E-05	1.36E-05	1.39E-04	1.33E-04	3.94E-06	3.88E-06	5.3835E-04
607684.88	4201023.63	17772.8614	0.47667	0.50845	0.15574	0.14356	0.03243	0.0322	3.12E-04	9.90E-05	1.07E-04	5.25E-05	4.82E-05	3.92E-06	3.88E-06	6.2652E-04
607684.88	4201040.15	17713.39613	0.4476	0.47835	0.16666	0.15391	0.03266	0.03241	3.11E-04	9.29E-05	1.01E-04	5.61E-05	5.16E-05	3.94E-06	3.91E-06	6.2031E-04
607684.88	4201056.67	17645.77696	0.4201	0.44965	0.17745	0.16424	0.03287	0.03261	3.10E-04	8.72E-05	9.46E-05	5.98E-05	5.51E-05	3.97E-06	3.93E-06	6.1453E-04
607684.88	4201073.19	17572.84915	0.3941	0.42233	0.18803	0.17445	0.03307	0.03279	3.09E-04	8.18E-05	8.88E-05	6.33E-05	5.85E-05	3.99E-06	3.95E-06	6.0913E-04
607684.88	4201089.71	17493.7834	0.36956	0.39637	0.19833	0.18447	0.03325	0.03296	3.07E-04	7.67E-05	8.34E-05	6.68E-05	6.19E-05	4.01E-06	3.97E-06	6.0406E-04
607684.88	4201106.23	17408.93926	0.34646	0.37177	0.20827	0.19423	0.03342	0.03311	3.06E-04	7.19E-05	7.82E-05	7.01E-05	6.51E-05	4.04E-06	3.99E-06	5.9926E-04
607687.16	4201688.32	12475.62076	0.05062	0.0522	0.41342	0.39764	0.03196	0.0315	2.19E-04	1.05E-05	1.10E-05	1.39E-04	1.33E-04	3.86E-06	3.80E-06	5.2089E-04
607689.92	4201541.02	13774.35193	0.07446	0.0775	0.38444	0.37112	0.03303	0.03256	2.42E-04	1.55E-05	1.63E-05	1.29E-04	1.24E-04	3.99E-06	3.92E-06	5.3557E-04
607691.99	4201650.19	12666.25109	0.0556	0.05745	0.4018	0.38653	0.032	0.03155	2.22E-04	1.15E-05	1.21E-05	1.35E-04	1.30E-04	3.86E-06	3.80E-06	5.1875E-04
607694.87	4201484.45	14255.83334	0.0877	0.0917	0.35837	0.34654	0.03328	0.03282	2.50E-04	1.82E-05	1.93E-05	1.21E-04	1.16E-04	4.02E-06	3.96E-06	5.3281E-04
607700.53	4201594.06	13036.3663	0.06424	0.06659	0.38076	0.36703	0.03218	0.03172	2.29E-04	1.33E-05	1.40E-05	1.28E-04	1.23E-04	3.89E-06	3.82E-06	5.1538E-04
607708.37	4201023.63	17210.52246	0.44363	0.47059	0.14633	0.1356	0.03187	0.03164	3.02E-04	9.21E-05	9.90E-05	4.93E-05	4.55E-05	3.85E-06	3.81E-06	5.9585E-04
607708.37	4201040.15	17150.59387	0.4174	0.4435	0.15583	0.14468	0.03209	0.03184	3.01E-04	8.67E-05	9.33E-05	5.25E-05	4.85E-05	3.87E-06	3.84E-06	5.8994E-04
607708.37	4201056.67	17084.46888	0.3926	0.41773	0.16521	0.15371	0.03228	0.03202	3.00E-04	8.15E-05	8.79E-05	5.56E-05	5.16E-05	3.90E-06	3.86E-06	5.8444E-04
607708.4	4201680.6	12243.96742	0.05203	0.05367	0.37998	0.36634	0.03138	0.03094	2.15E-04	1.08E-05	1.13E-05	1.28E-04	1.23E-04	3.79E-06	3.73E-06	4.9552E-04
607715.16	4201646.81	12385.3694	0.0565	0.05837	0.36694	0.35388	0.03137	0.03093	2.18E-04	1.17E-05	1.23E-05	1.24E-04	1.19E-04	3.79E-06	3.73E-06	4.9135E-04
607715.38	4201481.62	13929.24808	0.08816	0.09211	0.33082	0.32029	0.03264	0.0322	2.45E-04	1.83E-05	1.94E-05	1.11E-04	1.07E-04	3.94E-06	3.88E-06	5.0902E-04
607716.09	4201541.02	13339.44422	0.07448	0.07745	0.34788	0.33641	0.03218	0.03174	2.34E-04	1.55E-05	1.63E-05	1.17E-04	1.13E-04	3.89E-06	3.83E-06	5.0377E-04
607720.33	4201594.77	12739.56635	0.06426	0.06657	0.35278	0.34061	0.03157	0.03113	2.24E-04	1.33E-05	1.40E-05	1.19E-04	1.14E-04	3.81E-06	3.75E-06	4.9174E-04
607731.85	4202348.62	7573.53343	0.01595	0.01614	0.2295	0.22304	0.02354	0.02323	1.33E-04	3.31E-06	3.40E-06	7.73E-05	7.48E-05	2.84E-06	2.80E-06	2.9748E-04
607731.85	4202398.62	7228.16299	0.01492	0.01508	0.21168	0.20626	0.02297	0.02268	1.27E-04	3.10E-06	3.17E-06	7.13E-05	6.92E-05	2.77E-06	2.73E-06	2.7921E-04
607731.85	4202448.62	6893.04299	0.01399	0.01413	0.19428	0.18986	0.02244	0.02217	1.21E-04	2.91E-06	2.97E-06	6.54E-05	6.37E-05	2.71E-06	2.67E-06	2.6145E-04
607731.85	4202498.62	6570.75462	0.01316	0.01328	0.17752	0.17401	0.02195	0.02169	1.15E-04	2.73E-06	2.79E-06	5.98E-05	5.84E-05	2.65E-06	2.61E-06	2.4436E-04
607731.85	4202548.62	6266.02719	0.01242	0.01253	0.16164	0.15893	0.02151	0.02125	1.10E-04	2.58E-06	2.64E-06	5.44E-05	5.33E-05	2.60E-06	2.56E-06	2.2818E-04
607733.02	4201646.81	12152.92103	0.05671	0.05857	0.34346	0.33177	0.03087	0.03044	2.13E-04	1.18E-05	1.23E-05	1.16E-04	1.11E-04	3.73E-06	3.67E-06	4.7191E-04
607733.02	4201674.32	11967.5192	0.05316	0.05483	0.34631	0.33464	0.03072	0.0303	2.10E-04	1.10E-05	1.15E-05	1.17E-04	1.12E-04	3.71E-06	3.65E-06	4.6902E-04
607737.3	4201483.03	13548.34515	0.08741	0.09119	0.3065	0.29707	0.03195	0.03152	2.38E-04	1.82E-05	1.92E-05	1.03E-04	9.96E-05	3.86E-06	3.80E-06	4.8583E-04
607748.62	4201581.33	12461.22412	0.06653	0.06892	0.31648	0.30627	0.03086	0.03044	2.19E-04	1.38E-05	1.45E-05	1.07E-04	1.03E-04	3.73E-06	3.67E-06	4.6390E-04
607751.45	4201596.89	12290.79326	0.06395	0.06618	0.31556	0.30536	0.03067	0.03025	2.16E-04	1.33E-05	1.39E-05	1.06E-04	1.02E-04	3.70E-06	3.65E-06	4.5913E-04
607754.26	4201674.32	11702.1494	0.05333	0.05497	0.32126	0.311	0.03014	0.02973	2.06E-04	1.11E-05	1.16E-05	1.08E-04	1.04E-04	3.64E-06	3.58E-06	4.4792E-04
607754.74	4201641.98	11913.54418	0.0575	0.05936	0.31764	0.3074	0.03031	0.02989	2.09E-04	1.19E-05	1.25E-05	1.07E-04	1.03E-04	3.66E-06	3.60E-06	4.5103E-04
607756.4	4201533.95	12781.2957	0.07544	0.07836	0.2999	0.29061	0.03101	0.03059	2.25E-04	1.57E-05	1.65E-05	1.01E-04	9.75E-05	3.74E-06	3.69E-06	4.6256E-04
607756.4	4201557.99	12562.71906	0.0707	0.07332	0.30445	0.29491	0.03082	0.0304	2.21E-04	1.47E-05	1.54E-05	1.03E-04	9.89E-05	3.72E-06	3.66E-06	4.5960E-04
607759.93	4201485.86	13154.23077	0.08611	0.0897	0.28518	0.27661	0.03124	0.03082	2.31E-04	1.79E-05	1.89E-05	9.60E-05	9.28E-05	3.77E-06	3.71E-06	4.6411E-04
607825.82	4201172.31	14158.77336	0.20523	0.2144	0.15671	0.15023	0.03015	0.02983	2.49E-04	4.26E-05	4.51E-05	5.28E-05	5.04E-05	3.64E-06	3.60E-06	4.4682E-04
607825.82	4201188.83	14078.44207	0.19517	0.20388	0.16121	0.15478	0.03019	0.02987	2.47E-04	4.05E-05	4.29E-05	5.43E-05	5.19E-05	3.65E-06	3.60E-06	4.4416E-04
607825.82	4201205.35	13995.42069	0.1857	0.19395	0.16561	0.15926	0.03021	0.02989	2.46E-04	3.86E-05	4.08E-05	5.58E-05	5.34E-05	3.65E-06	3.60E-06	4.4163E-04
607825.82	4201221.87	13910.31434	0.17676	0.18457	0.16995	0.16366	0.03023	0.0299	2.44E-04	3.67E-05	3.88E-05	5.72E-05	5.49E-05	3.65E-06	3.60E-06	4.3925E-04
607825.82	4201238.39	13822.16974	0.16833	0.17572	0.17423	0.168	0.03024	0.0299	2.43E-04	3.50E-05	3.70E-05	5.87E-05	5.63E-05	3.65E-06	3.60E-06	4.3699E-04
607849.31	4201172.31	13756.89625	0.19737	0.20557	0.14763	0.14181	0.02957	0.02927	2.42E-04	4.10E-05	4.32E-05	4.97E-05	4.76E-05	3.57E-06	3.53E-06	4.3025E-04
607849.31	4201188.83	13679.45411	0.188	0.1958	0.1518	0.14602	0.02961	0.02929	2.40E-04	3.90E-05	4.12E-05	5.11E-05	4.90E-05	3.58E-06	3.53E-06	4.2771E-04
607849.31	4201205.35	13598.88557	0.17915	0.18656	0.15589	0.15015	0.02963	0.02931	2.39E-04	3.72E-05	3.92E-05	5.25E-05	5.04E-05	3.58E-06	3.53E-06	4.2528E-04
607849.31	4201221.87	13517.56816	0.1708	0.17783	0.15992	0.15423	0.02964	0.02931	2.37E-04	3.55E-05	3.74E-05	5.39E-05	5.17E-05	3.58E-06	3.53E-06	4.2301E-04
607849.31	4201238.39	13434.68297	0.16291	0.16958	0.16389	0.15824	0.02964	0.02931	2.36E-04	3.38E-05	3.57E-05	5.52E-05	5.31E-05	3.58E-06	3.53E-06	4.2086E-04
607872.8	4201172.31	13373.67244	0.19005	0.1974	0.1395	0.13425	0.02902	0.02872	2.35E-04	3.95E-05	4.15E-05	4.70E-05	4.50E-05	3.50E-06	3.46E-06	4.1487E-04
607872.8	4201188.83	13299.07591	0.1813	0.18831	0.14336	0.13815	0.02904	0.02874	2.34E-04	3.76E-05	3.96E-05	4.83E-05	4.63E-05	3.51E-06	3.46E-06	4.1245E-04
607872.8	4201205.35	13222.20434	0.17302	0.17969	0.14716	0.14198	0.02906	0.02875	2.32E-04	3.59E-05	3.78E-05	4.96E-05	4.76E-05	3.51E-06	3.46E-06	4.1013E-04
607872.8	4201221.87	13143.82991	0.16519	0.17154	0.1509	0.14576	0.02907	0.02875	2.31E-04	3.43E-05	3.61E-05	5.08E-05	4.89E-05	3.51E-06	3.46E-06	4.0794E-04
607872.8	4201238.39	13063.68998	0.15778	0.16382	0.15458	0.14948	0.02906	0.02874	2.29E-04	3.28E-05	3.45E-05	5.21E-05	5.01E-05	3.51E-06	3.46E-06	4.0586E-04
608186.19	4200763.95	10298.01486	0.25081	0.25428	0.03696	0.03562	0.02117	0.02108	1.81E-04	5.21E-05	5.35E-05	1.24E-05	1.19E-05	2.56E-06	2.54E-06	3.1595E-04
608186.19	4200771.55	10297.8093	0.24763	0.25111	0.0377	0.03634	0.02124	0.02115	1.81E-04	5.14E-05	5.28E-05	1.27E-05	1.22E-05	2.56E-06	2.55E-06	3.1513E-04
608186.19	4200756.35	10297.13766	0.254	0.25746	0.03623	0.03491	0.02109	0.02101	1.81E-04	5.27E-05	5.42E-05	1.22E-05	1.17E-05	2.55E-06	2.53E-06	3.1676E-04
608186.19	4200779.15	10296.56561	0.24446	0.24794	0.03845	0.03706	0.02131	0.02122	1.81E-04	5.08E-05	5.22E-05	1.29E-05	1.24E-05	2.57E-06	2.56E-06	3.1429E-04
608186.19	4200748.75	10295.29699	0.25719	0.26065	0.0355	0.03421	0.02102	0.02094	1.81E-04	5.34E-05	5.48E-05	1.20E-05	1.15E-05	2.54E-06	2.52E-06	3.1757E-04
608186.19	4200786.75	10294.30803	0.24131	0.2448	0.0392	0.03779	0.02138	0.02129	1.81E-04	5.01E-05	5.15E-05	1.32E-05	1.27E-05	2.58E-06	2.57E-06	3.1345E-04
608186.19	4200741.15	10292.55982	0.2604	0.26385	0.03479	0.03351	0.02094	0.02086	1.81E-04	5.41E-05	5.55E-05	1.17E-05	1.12E-05	2.53E-06	2.51E-06	3.1837E-04
608186.19	4200794.35	10291.44769	0.23818	0.24167	0.03996	0.03853	0.02145	0.02135	1.81E-04	4.95E-05	5.08E-05	1.35E-05	1.29E-05	2.59E-06	2.57E-06	3.1261E-04
608186.19	4200733.55	10289.19836	0.26362	0.26706	0.03408	0.03283	0.02086	0.02079	1.81E-04	5.47E-05	5.62E-05	1.15E-05	1.10E-05	2.52E-06	2.51E-06	3.1917E-04
608186.19	4200801.95	10288.06323	0.23508	0.23856	0.04072	0.03928	0.02152	0.02142	1.81E-04	4.88E-05	5.02E-05	1.37E-05	1.32E-05	2.60E-06	2.58E-06	3.1178E-04
608186.19	4200809.55	10283.70608	0.23199	0.23547	0.0415	0.04003	0.02159	0.02148	1.81E-04	4.82E-05	4.95E-05	1.40E-05	1.34E-05	2.61E-06	2.59E-06	3.1094E-04
608186.19	4200817.15	10278.54755	0.22892	0.2324	0.04227	0.04079	0.02165	0.02154	1.81E-04	4.75E-05	4.89E-05	1.42E-05	1.37E-05	2.61E-06	2.60E-06	3.1010E-04
608186.19	4200824.75	10272.5375	0.22588	0.22936	0.04306	0.04155	0.02171	0.0216	1.80E-04	4.69E-05	4.83E-05	1.45E-05	1.39E-05	2.62E-06	2.60E-06	3.0925E-04
608186.19	4200832.35	10265.80646	0.22286	0.22633	0.04384	0.04232	0.02177	0.02166	1.80E-04	4.63E-05	4.76E-05	1.48E-05	1.42E-05	2.63E-06	2.61E-06	3.0841E-04
608186.19	4200839.95	10258.30073	0.21987	0.22333	0.04463	0.0431	0.02183	0.02172	1.80E-04	4.57E-05	4.70E-05	1.50E-05	1.45E-05	2.64E-06	2.62E-06	3.0757E-04
608186.19	4200847.55	10250.15221	0.21691	0.22036	0.04542	0.04387	0.02189	0.02177	1.80E-04	4.50E-05	4.64E-05	1.53E-05	1.47E-05	2.64E-06	2.62E-06	3.0672E-04
608186.19	4200855.15	10241.39239	0.21397	0.21741	0.04622	0.04465	0.02195	0.02183	1.80E-04	4.44E-05	4.57E-05	1.56E-05	1.50E-05	2.65E-06	2.63E-06	3.0588E-04
608186.19	4200862.75	10231.93661	0.21106	0.21449	0.04702	0.04544	0.022	0.02188	1.80E-04	4.38E-05	4.51E-05	1.58E-05	1.52E-05	2.66E-06	2.64E-06	3.0504E-04
608186.19	4200870.35	10221.77485	0.20818	0.2116	0.04782	0.04623	0.02206	0.02193	1.80E-04	4.32E-05	4.45E-05	1.61E-05	1.55E-05	2.66E-06	2.64E-06	3.0421E-04
608193.06	4200763.95	10232.68089	0.24621	0.2496	0.03686	0.03553	0.02109	0.02101	1.80E-04	5.11E-05	5.25E-05	1.24E-05	1.19E-05	2.55E-06	2.53E-06	3.1278E-04
608193.06	4200771.55	10232.41306	0.24313	0.24653	0.03759	0.03624	0.02117	0.02108	1.80E-04	5.05E-05	5.19E-05	1.27E-05	1.22E-05	2.56E-06	2.54E-06	3.1199E-04
608193.06	4200756.35	10231.96322	0.2493	0.25269	0.03613	0.03483	0.02102	0.02094	1.80E-04	5.18E-05	5.32E-05	1.22E-05	1.17E-05	2.54E-06	2.52E-06	3.1356E-04
608193.06	4200779.15	10230.93516	0.24007	0.24347	0.03833	0.03696	0.02124	0.02114	1.80E-04	4.99E-05	5.12E-05	1.29E-05	1.24E-05	2.56E-06	2.55E-06	3.1119E-04
608193.06	4200748.75	10230.50302	0.2524	0.25578	0.03542	0.03414	0.02095	0.02087	1.80E-04	5.24E-05	5.38E-05	1.19E-05	1.15E-05	2.53E-06	2.52E-06	3.1434E-04
608193.06	4200786.75	10228.46484	0.23701	0.24041	0.03907	0.03768	0.02131	0.02121	1.80E-04	4.92E-05	5.06E-05	1.32E-05	1.26E-05	2.57E-06	2.56E-06	3.1038E-04
608193.06	4200741.15	10228.37438	0.25551	0.25888	0.03471	0.03345	0.02087	0.02079	1.80E-04	5.31E-05	5.45E-05	1.17E-05	1.12E-05	2.52E-06	2.51E-06	3.1511E-04
608193.06	4200794.35	10225.40097	0.23397	0.23738	0.03982	0.03841	0.02137	0.02128	1.80E-04	4.86E-05	4.99E-05	1.34E-05	1.29E-05	2.58E-06	2.56E-06	3.0957E-04
608193.06	4200733.55	10225.12288	0.25862	0.26198	0.03401	0.03278	0.02079	0.02072	1.80E-04	5.37E-05	5.51E-05	1.15E-05	1.10E-05	2.51E-06	2.50E-06	3.1588E-04
608193.06	4200801.95	10221.54231	0.23096	0.23436	0.04058	0.03915	0.02144	0.02134	1.80E-04	4.80E-05	4.93E-05	1.37E-05	1.31E-05	2.59E-06	2.57E-06	3.0876E-04
608193.06	4200809.55	10216.82479	0.22796	0.23136	0.04134	0.03989	0.02151	0.0214	1.79E-04	4.73E-05	4.87E-05	1.39E-05	1.34E-05	2.60E-06	2.58E-06	3.0794E-04
608193.06	4200817.15	10211.51012	0.22498	0.22838	0.0421	0.04064	0.02157	0.02146	1.79E-04	4.67E-05	4.80E-05	1.42E-05	1.36E-05	2.60E-06	2.59E-06	3.0713E-04
608193.06	4200824.75	10205.63818	0.22203	0.22543	0.04287	0.04139	0.02163	0.02152	1.79E-04	4.61E-05	4.74E-05	1.44E-05	1.39E-05	2.61E-06	2.59E-06	3.0632E-04
608193.06	4200832.35	10198.97522	0.2191	0.22249	0.04365	0.04215	0.02169	0.02158	1.79E-04	4.55E-05	4.68E-05	1.47E-05	1.41E-05	2.62E-06	2.60E-06	3.0550E-04
608193.06	4200839.95	10191.36756	0.21619	0.21958	0.04442	0.04291	0.02175	0.02163	1.79E-04	4.49E-05	4.62E-05	1.50E-05	1.44E-05	2.63E-06	2.61E-06	3.0468E-04
608193.06	4200847.55	10183.12196	0.21331	0.21669	0.04521	0.04368	0.02181	0.02169	1.79E-04	4.43E-05	4.56E-05	1.52E-05	1.47E-05	2.63E-06	2.61E-06	3.0387E-04
608193.06	4200855.15	10174.27359	0.21046	0.21382	0.04599	0.04445	0.02186	0.02174	1.79E-04	4.37E-05	4.50E-05	1.55E-05	1.49E-05	2.64E-06	2.62E-06	3.0305E-04
608193.06	4200862.75	10164.74382	0.20763	0.21098	0.04678	0.04522	0.02192	0.02179	1.79E-04	4.31E-05	4.44E-05	1.58E-05	1.52E-05	2.65E-06	2.63E-06	3.0224E-04
608193.06	4200870.35	10154.62802	0.20483	0.20817	0.04757	0.046	0.02197	0.02184	1.78E-04	4.25E-05	4.38E-05	1.60E-05	1.54E-05	2.65E-06	2.63E-06	3.0143E-04
608199.93	4200763.95	10168.16804	0.24174	0.24505	0.03676	0.03545	0.02102	0.02093	1.79E-04	5.02E-05	5.16E-05	1.24E-05	1.19E-05	2.54E-06	2.52E-06	3.0968E-04
608199.93	4200771.55	10167.65094	0.23875	0.24207	0.03748	0.03615	0.02109	0.021	1.79E-04	4.96E-05	5.09E-05	1.26E-05	1.21E-05	2.55E-06	2.53E-06	3.0892E-04
608199.93	4200756.35	10167.60016	0.24473	0.24804	0.03604	0.03476	0.02095	0.02086	1.79E-04	5.08E-05	5.22E-05	1.21E-05	1.17E-05	2.53E-06	2.51E-06	3.1043E-04
608199.93	4200748.75	10166.41283	0.24773	0.25103	0.03533	0.03407	0.02087	0.02079	1.79E-04	5.14E-05	5.28E-05	1.19E-05	1.14E-05	2.52E-06	2.51E-06	3.1118E-04
608199.93	4200779.15	10165.93868	0.23578	0.2391	0.03821	0.03685	0.02116	0.02107	1.79E-04	4.90E-05	5.03E-05	1.29E-05	1.24E-05	2.56E-06	2.54E-06	3.0815E-04
608199.93	4200741.15	10164.68701	0.25074	0.25403	0.03464	0.0334	0.0208	0.02072	1.79E-04	5.21E-05	5.34E-05	1.17E-05	1.12E-05	2.51E-06	2.50E-06	3.1193E-04
608199.93	4200786.75	10163.3566	0.23282	0.23614	0.03894	0.03757	0.02123	0.02113	1.79E-04	4.83E-05	4.97E-05	1.31E-05	1.26E-05	2.56E-06	2.55E-06	3.0737E-04
608199.93	4200733.55	10161.64036	0.25375	0.25703	0.03394	0.03273	0.02072	0.02065	1.78E-04	5.27E-05	5.41E-05	1.14E-05	1.10E-05	2.50E-06	2.49E-06	3.1265E-04
608199.93	4200794.35	10159.99893	0.22987	0.2332	0.03968	0.03829	0.0213	0.0212	1.78E-04	4.77E-05	4.91E-05	1.34E-05	1.28E-05	2.57E-06	2.55E-06	3.0658E-04
608199.93	4200801.95	10155.87366	0.22694	0.23027	0.04042	0.03902	0.02136	0.02126	1.78E-04	4.71E-05	4.84E-05	1.36E-05	1.31E-05	2.58E-06	2.56E-06	3.0580E-04
608199.93	4200809.55	10150.89496	0.22402	0.22735	0.04117	0.03975	0.02143	0.02132	1.78E-04	4.65E-05	4.78E-05	1.39E-05	1.33E-05	2.59E-06	2.57E-06	3.0500E-04
608199.93	4200817.15	10145.3305	0.22113	0.22446	0.04193	0.04049	0.02149	0.02138	1.78E-04	4.59E-05	4.72E-05	1.41E-05	1.36E-05	2.59E-06	2.58E-06	3.0421E-04
608199.93	4200824.75	10139.2251	0.21827	0.22159	0.04269	0.04123	0.02155	0.02144	1.78E-04	4.53E-05	4.66E-05	1.44E-05	1.38E-05	2.60E-06	2.58E-06	3.0343E-04
608199.93	4200832.35	10132.63287	0.21543	0.21874	0.04345	0.04198	0.02161	0.02149	1.78E-04	4.47E-05	4.60E-05	1.46E-05	1.41E-05	2.61E-06	2.59E-06	3.0264E-04
608199.93	4200839.95	10125.02443	0.2126	0.21591	0.04422	0.04273	0.02167	0.02155	1.78E-04	4.41E-05	4.54E-05	1.49E-05	1.43E-05	2.62E-06	2.60E-06	3.0185E-04
608199.93	4200847.55	10116.77672	0.2098	0.2131	0.04499	0.04348	0.02172	0.0216	1.78E-04	4.36E-05	4.48E-05	1.52E-05	1.46E-05	2.62E-06	2.60E-06	3.0106E-04
608199.93	4200855.15	10107.8406	0.20703	0.21031	0.04576	0.04424	0.02178	0.02165	1.78E-04	4.30E-05	4.42E-05	1.54E-05	1.48E-05	2.63E-06	2.61E-06	3.0027E-04
608199.93	4200862.75	10098.2432	0.20428	0.20755	0.04654	0.045	0.02183	0.0217	1.77E-04	4.24E-05	4.37E-05	1.57E-05	1.51E-05	2.64E-06	2.62E-06	2.9948E-04
608199.93	4200870.35	10088.08727	0.20155	0.20482	0.04732	0.04577	0.02188	0.02175	1.77E-04	4.19E-05	4.31E-05	1.59E-05	1.54E-05	2.64E-06	2.62E-06	2.9869E-04
608206.8	4200763.95	10104.0685	0.23737	0.24061	0.03665	0.03536	0.02095	0.02086	1.77E-04	4.93E-05	5.06E-05	1.23E-05	1.19E-05	2.53E-06	2.51E-06	3.0663E-04
608206.8	4200756.35	10103.84623	0.24027	0.24351	0.03595	0.03468	0.02088	0.02079	1.77E-04	4.99E-05	5.12E-05	1.21E-05	1.16E-05	2.52E-06	2.51E-06	3.0736E-04
608206.8	4200771.55	10103.41179	0.23448	0.23773	0.03737	0.03606	0.02102	0.02093	1.77E-04	4.87E-05	5.00E-05	1.26E-05	1.21E-05	2.54E-06	2.52E-06	3.0591E-04
608206.8	4200748.75	10103.11297	0.24318	0.24641	0.03525	0.034	0.0208	0.02072	1.77E-04	5.05E-05	5.18E-05	1.19E-05	1.14E-05	2.51E-06	2.50E-06	3.0808E-04
608206.8	4200741.15	10101.58364	0.2461	0.24932	0.03456	0.03333	0.02073	0.02065	1.77E-04	5.11E-05	5.24E-05	1.16E-05	1.12E-05	2.50E-06	2.49E-06	3.0880E-04
608206.8	4200779.15	10101.57181	0.2316	0.23485	0.03808	0.03676	0.02109	0.02099	1.77E-04	4.81E-05	4.94E-05	1.28E-05	1.23E-05	2.55E-06	2.53E-06	3.0516E-04
608206.8	4200786.75	10098.78515	0.22872	0.23197	0.03881	0.03746	0.02115	0.02106	1.77E-04	4.75E-05	4.88E-05	1.31E-05	1.26E-05	2.55E-06	2.54E-06	3.0441E-04
608206.8	4200733.55	10098.74153	0.24901	0.25222	0.03388	0.03267	0.02065	0.02058	1.77E-04	5.17E-05	5.31E-05	1.14E-05	1.10E-05	2.49E-06	2.48E-06	3.0949E-04
608206.8	4200794.35	10095.23848	0.22586	0.22912	0.03954	0.03817	0.02122	0.02112	1.77E-04	4.69E-05	4.82E-05	1.33E-05	1.28E-05	2.56E-06	2.55E-06	3.0365E-04
608206.8	4200801.95	10090.94707	0.22302	0.22627	0.04027	0.03889	0.02128	0.02118	1.77E-04	4.63E-05	4.76E-05	1.36E-05	1.30E-05	2.57E-06	2.55E-06	3.0289E-04
608206.8	4200809.55	10085.90073	0.22019	0.22344	0.04101	0.03961	0.02135	0.02124	1.77E-04	4.57E-05	4.70E-05	1.38E-05	1.33E-05	2.58E-06	2.56E-06	3.0212E-04
608206.8	4200817.15	10080.09564	0.21738	0.22063	0.04176	0.04034	0.02141	0.0213	1.77E-04	4.51E-05	4.64E-05	1.41E-05	1.35E-05	2.59E-06	2.57E-06	3.0136E-04
608206.8	4200824.75	10073.58113	0.21459	0.21784	0.04251	0.04107	0.02147	0.02136	1.77E-04	4.46E-05	4.58E-05	1.43E-05	1.38E-05	2.59E-06	2.57E-06	3.0059E-04
608206.8	4200832.35	10066.77765	0.21183	0.21507	0.04326	0.0418	0.02153	0.02141	1.77E-04	4.40E-05	4.52E-05	1.46E-05	1.40E-05	2.60E-06	2.58E-06	2.9982E-04
608206.8	4200839.95	10059.3514	0.20909	0.21232	0.04401	0.04254	0.02158	0.02147	1.77E-04	4.34E-05	4.47E-05	1.48E-05	1.43E-05	2.61E-06	2.59E-06	2.9906E-04
608206.8	4200847.55	10051.10951	0.20637	0.20959	0.04477	0.04329	0.02164	0.02152	1.77E-04	4.29E-05	4.41E-05	1.51E-05	1.45E-05	2.61E-06	2.59E-06	2.9830E-04
608206.8	4200855.15	10042.08941	0.20367	0.20688	0.04554	0.04404	0.02169	0.02157	1.76E-04	4.23E-05	4.35E-05	1.53E-05	1.48E-05	2.62E-06	2.60E-06	2.9753E-04
608206.8	4200862.75	10032.43127	0.201	0.2042	0.0463	0.04479	0.02175	0.02162	1.76E-04	4.17E-05	4.30E-05	1.56E-05	1.50E-05	2.63E-06	2.61E-06	2.9676E-04
608206.8	4200870.35	10022.2354	0.19835	0.20154	0.04707	0.04554	0.0218	0.02167	1.76E-04	4.12E-05	4.24E-05	1.59E-05	1.53E-05	2.63E-06	2.61E-06	2.9600E-04
608213.67	4200756.35	10040.69624	0.23593	0.23909	0.03585	0.0346	0.0208	0.02072	1.76E-04	4.90E-05	5.03E-05	1.21E-05	1.16E-05	2.51E-06	2.50E-06	3.0434E-04
608213.67	4200763.95	10040.47803	0.23312	0.23629	0.03655	0.03528	0.02087	0.02079	1.76E-04	4.84E-05	4.97E-05	1.23E-05	1.18E-05	2.52E-06	2.51E-06	3.0365E-04
608213.67	4200748.75	10040.30243	0.23875	0.24191	0.03516	0.03393	0.02073	0.02065	1.76E-04	4.96E-05	5.09E-05	1.18E-05	1.14E-05	2.50E-06	2.49E-06	3.0504E-04
608213.67	4200771.55	10039.59435	0.23032	0.23349	0.03725	0.03596	0.02094	0.02085	1.76E-04	4.78E-05	4.91E-05	1.25E-05	1.21E-05	2.53E-06	2.51E-06	3.0294E-04
608213.67	4200741.15	10039.15397	0.24158	0.24473	0.03448	0.03327	0.02066	0.02058	1.76E-04	5.02E-05	5.15E-05	1.16E-05	1.12E-05	2.49E-06	2.48E-06	3.0573E-04
608213.67	4200779.15	10037.63389	0.22752	0.23069	0.03796	0.03665	0.02101	0.02092	1.76E-04	4.72E-05	4.85E-05	1.28E-05	1.23E-05	2.54E-06	2.52E-06	3.0222E-04
608213.67	4200733.55	10036.51788	0.2444	0.24754	0.03381	0.03261	0.02058	0.02051	1.76E-04	5.08E-05	5.21E-05	1.14E-05	1.09E-05	2.49E-06	2.47E-06	3.0640E-04
608213.67	4200786.75	10034.74366	0.22473	0.22791	0.03868	0.03735	0.02108	0.02098	1.76E-04	4.67E-05	4.79E-05	1.30E-05	1.25E-05	2.55E-06	2.53E-06	3.0150E-04
608213.67	4200794.35	10031.10994	0.22196	0.22514	0.0394	0.03805	0.02114	0.02104	1.76E-04	4.61E-05	4.74E-05	1.33E-05	1.28E-05	2.55E-06	2.54E-06	3.0077E-04
608213.67	4200801.95	10026.65995	0.2192	0.22237	0.04012	0.03876	0.02121	0.0211	1.76E-04	4.55E-05	4.68E-05	1.35E-05	1.30E-05	2.56E-06	2.54E-06	3.0003E-04
608213.67	4200809.55	10021.45804	0.21645	0.21963	0.04085	0.03947	0.02127	0.02116	1.76E-04	4.49E-05	4.62E-05	1.38E-05	1.32E-05	2.57E-06	2.55E-06	2.9929E-04
608213.67	4200817.15	10015.50975	0.21372	0.2169	0.04159	0.04019	0.02133	0.02122	1.76E-04	4.44E-05	4.56E-05	1.40E-05	1.35E-05	2.58E-06	2.56E-06	2.9855E-04
608213.67	4200824.75	10008.87113	0.21101	0.21418	0.04232	0.04091	0.02139	0.02127	1.76E-04	4.38E-05	4.51E-05	1.43E-05	1.37E-05	2.58E-06	2.56E-06	2.9780E-04
608213.67	4200832.35	10001.6825	0.20832	0.21149	0.04307	0.04164	0.02144	0.02133	1.76E-04	4.33E-05	4.45E-05	1.45E-05	1.40E-05	2.59E-06	2.57E-06	2.9706E-04
608213.67	4200839.95	9994.25282	0.20566	0.20882	0.04381	0.04237	0.0215	0.02138	1.76E-04	4.27E-05	4.39E-05	1.48E-05	1.42E-05	2.60E-06	2.58E-06	2.9632E-04
608213.67	4200847.55	9986.10886	0.20302	0.20616	0.04456	0.0431	0.02156	0.02144	1.75E-04	4.22E-05	4.34E-05	1.50E-05	1.45E-05	2.60E-06	2.58E-06	2.9558E-04
608213.67	4200855.15	9977.00934	0.20039	0.20353	0.04531	0.04384	0.02161	0.02149	1.75E-04	4.16E-05	4.28E-05	1.53E-05	1.47E-05	2.61E-06	2.59E-06	2.9484E-04
608213.67	4200862.75	9967.29952	0.19779	0.20092	0.04606	0.04458	0.02166	0.02153	1.75E-04	4.11E-05	4.23E-05	1.55E-05	1.50E-05	2.62E-06	2.59E-06	2.9409E-04
608213.67	4200870.35	9957.0664	0.19521	0.19833	0.04682	0.04532	0.02171	0.02158	1.75E-04	4.05E-05	4.17E-05	1.58E-05	1.52E-05	2.62E-06	2.60E-06	2.9335E-04
608220.54	4200756.35	9978.22829	0.2317	0.23479	0.03576	0.03452	0.02073	0.02065	1.75E-04	4.81E-05	4.94E-05	1.20E-05	1.16E-05	2.50E-06	2.49E-06	3.0139E-04
608220.54	4200748.75	9978.17066	0.23444	0.23752	0.03508	0.03386	0.02066	0.02058	1.75E-04	4.87E-05	5.00E-05	1.18E-05	1.14E-05	2.49E-06	2.48E-06	3.0206E-04

608220.54	4200763.95	9977.58754	0.22897	0.23207	0.03645	0.03519	0.0208	0.02071	1.75E-04	4.75E-05	4.88E-05	1.23E-05	1.18E-05	2.51E-06	2.50E-06	3.0071E-04
608220.54	4200741.15	9977.19971	0.23718	0.24025	0.0344	0.0332	0.02059	0.02051	1.75E-04	4.93E-05	5.05E-05	1.16E-05	1.11E-05	2.49E-06	2.47E-06	3.0272E-04
608220.54	4200771.55	9976.29342	0.22625	0.22935	0.03714	0.03586	0.02087	0.02078	1.75E-04	4.70E-05	4.82E-05	1.25E-05	1.20E-05	2.52E-06	2.50E-06	3.0002E-04
608220.54	4200733.55	9974.86008	0.23991	0.24297	0.03373	0.03256	0.02052	0.02044	1.75E-04	4.98E-05	5.11E-05	1.14E-05	1.09E-05	2.48E-06	2.46E-06	3.0336E-04
608220.54	4200779.15	9974.02754	0.22354	0.22664	0.03784	0.03655	0.02094	0.02084	1.75E-04	4.64E-05	4.77E-05	1.27E-05	1.23E-05	2.53E-06	2.51E-06	2.9933E-04
608220.54	4200786.75	9971.03876	0.22083	0.22394	0.03854	0.03723	0.021	0.0209	1.75E-04	4.59E-05	4.71E-05	1.30E-05	1.25E-05	2.54E-06	2.52E-06	2.9863E-04
608220.54	4200794.35	9967.51608	0.21814	0.22125	0.03926	0.03793	0.02107	0.02097	1.75E-04	4.53E-05	4.65E-05	1.32E-05	1.27E-05	2.54E-06	2.53E-06	2.9794E-04
608220.54	4200801.95	9963.00226	0.21546	0.21857	0.03997	0.03863	0.02113	0.02103	1.75E-04	4.47E-05	4.60E-05	1.35E-05	1.30E-05	2.55E-06	2.53E-06	2.9723E-04
608220.54	4200809.55	9957.64719	0.2128	0.2159	0.04069	0.03933	0.02119	0.02108	1.75E-04	4.42E-05	4.54E-05	1.37E-05	1.32E-05	2.56E-06	2.54E-06	2.9651E-04
608220.54	4200817.15	9951.56365	0.21015	0.21325	0.04141	0.04004	0.02125	0.02114	1.75E-04	4.36E-05	4.49E-05	1.39E-05	1.34E-05	2.57E-06	2.55E-06	2.9579E-04
608220.54	4200824.75	9944.8049	0.20751	0.21061	0.04214	0.04075	0.02131	0.02119	1.75E-04	4.31E-05	4.43E-05	1.42E-05	1.37E-05	2.57E-06	2.55E-06	2.9506E-04
608220.54	4200832.35	9937.33522	0.2049	0.20799	0.04287	0.04147	0.02136	0.02125	1.75E-04	4.25E-05	4.38E-05	1.44E-05	1.39E-05	2.58E-06	2.56E-06	2.9434E-04
608220.54	4200839.95	9929.90306	0.20231	0.20539	0.04361	0.04219	0.02142	0.0213	1.74E-04	4.20E-05	4.32E-05	1.47E-05	1.42E-05	2.59E-06	2.57E-06	2.9363E-04
608220.54	4200847.55	9921.67599	0.19974	0.20281	0.04435	0.04291	0.02147	0.02135	1.74E-04	4.15E-05	4.27E-05	1.49E-05	1.44E-05	2.59E-06	2.57E-06	2.9291E-04
608220.54	4200855.15	9912.59234	0.19718	0.20025	0.04509	0.04364	0.02152	0.0214	1.74E-04	4.09E-05	4.21E-05	1.52E-05	1.46E-05	2.60E-06	2.58E-06	2.9219E-04
608220.54	4200862.75	9902.83882	0.19465	0.19771	0.04583	0.04437	0.02158	0.02145	1.74E-04	4.04E-05	4.16E-05	1.54E-05	1.49E-05	2.61E-06	2.59E-06	2.9146E-04
608220.54	4200870.35	9892.56778	0.19214	0.19519	0.04657	0.0451	0.02162	0.02149	1.74E-04	3.99E-05	4.11E-05	1.57E-05	1.51E-05	2.61E-06	2.59E-06	2.9073E-04
608227.41	4200748.75	9916.5257	0.23024	0.23325	0.03499	0.03379	0.02059	0.02051	1.74E-04	4.78E-05	4.91E-05	1.18E-05	1.13E-05	2.49E-06	2.47E-06	2.9914E-04
608227.41	4200756.35	9916.43999	0.22758	0.23061	0.03566	0.03444	0.02066	0.02057	1.74E-04	4.73E-05	4.85E-05	1.20E-05	1.16E-05	2.49E-06	2.48E-06	2.9849E-04
608227.41	4200741.15	9915.61979	0.23289	0.23589	0.03432	0.03314	0.02052	0.02044	1.74E-04	4.84E-05	4.96E-05	1.16E-05	1.11E-05	2.48E-06	2.46E-06	2.9977E-04
608227.41	4200763.95	9915.47858	0.22493	0.22796	0.03634	0.0351	0.02073	0.02064	1.74E-04	4.67E-05	4.80E-05	1.22E-05	1.18E-05	2.50E-06	2.49E-06	2.9783E-04
608227.41	4200771.55	9913.77987	0.22229	0.22532	0.03703	0.03577	0.02079	0.0207	1.74E-04	4.62E-05	4.74E-05	1.25E-05	1.20E-05	2.51E-06	2.49E-06	2.9717E-04
608227.41	4200733.55	9913.57135	0.23553	0.23853	0.03367	0.0325	0.02045	0.02037	1.74E-04	4.89E-05	5.02E-05	1.13E-05	1.09E-05	2.47E-06	2.45E-06	3.0038E-04
608227.41	4200779.15	9911.12061	0.21965	0.22269	0.03772	0.03644	0.02086	0.02077	1.74E-04	4.56E-05	4.68E-05	1.27E-05	1.22E-05	2.52E-06	2.50E-06	2.9649E-04
608227.41	4200786.75	9907.9481	0.21703	0.22007	0.03841	0.03712	0.02092	0.02083	1.74E-04	4.51E-05	4.63E-05	1.29E-05	1.25E-05	2.53E-06	2.51E-06	2.9582E-04
608227.41	4200794.35	9904.26188	0.21442	0.21746	0.03911	0.0378	0.02099	0.02089	1.74E-04	4.45E-05	4.57E-05	1.32E-05	1.27E-05	2.53E-06	2.52E-06	2.9514E-04
608227.41	4200801.95	9899.87094	0.21182	0.21486	0.03982	0.03849	0.02105	0.02095	1.74E-04	4.40E-05	4.52E-05	1.34E-05	1.29E-05	2.54E-06	2.52E-06	2.9446E-04
608227.41	4200809.55	9894.45831	0.20923	0.21227	0.04053	0.03919	0.02111	0.021	1.74E-04	4.34E-05	4.47E-05	1.37E-05	1.31E-05	2.55E-06	2.53E-06	2.9377E-04
608227.41	4200817.15	9888.25093	0.20665	0.20969	0.04124	0.03989	0.02117	0.02106	1.74E-04	4.29E-05	4.41E-05	1.39E-05	1.34E-05	2.56E-06	2.54E-06	2.9307E-04
608227.41	4200824.75	9881.3757	0.20409	0.20712	0.04196	0.04059	0.02123	0.02111	1.74E-04	4.24E-05	4.36E-05	1.41E-05	1.36E-05	2.56E-06	2.54E-06	2.9237E-04
608227.41	4200832.35	9873.90521	0.20155	0.20457	0.04268	0.0413	0.02128	0.02117	1.73E-04	4.19E-05	4.30E-05	1.44E-05	1.39E-05	2.57E-06	2.55E-06	2.9167E-04
608227.41	4200839.95	9866.10682	0.19903	0.20205	0.04341	0.04201	0.02134	0.02122	1.73E-04	4.13E-05	4.25E-05	1.46E-05	1.41E-05	2.58E-06	2.56E-06	2.9098E-04
608227.41	4200847.55	9857.80228	0.19653	0.19954	0.04413	0.04272	0.02139	0.02127	1.73E-04	4.08E-05	4.20E-05	1.49E-05	1.43E-05	2.58E-06	2.56E-06	2.9028E-04
608227.41	4200855.15	9848.83263	0.19405	0.19705	0.04486	0.04344	0.02144	0.02132	1.73E-04	4.03E-05	4.15E-05	1.51E-05	1.46E-05	2.59E-06	2.57E-06	2.8958E-04
608227.41	4200862.75	9839.03414	0.19159	0.19457	0.04559	0.04416	0.02149	0.02136	1.73E-04	3.98E-05	4.09E-05	1.54E-05	1.48E-05	2.59E-06	2.57E-06	2.8887E-04
608227.41	4200870.35	9828.72773	0.18914	0.19212	0.04633	0.04488	0.02154	0.02141	1.73E-04	3.93E-05	4.04E-05	1.56E-05	1.51E-05	2.60E-06	2.58E-06	2.8817E-04
608234.28	4200748.75	9855.17475	0.22613	0.22908	0.03491	0.03371	0.02052	0.02044	1.73E-04	4.70E-05	4.82E-05	1.18E-05	1.13E-05	2.48E-06	2.46E-06	2.9626E-04
608234.28	4200756.35	9854.95004	0.22356	0.22652	0.03557	0.03436	0.02059	0.0205	1.73E-04	4.64E-05	4.77E-05	1.20E-05	1.15E-05	2.49E-06	2.47E-06	2.9564E-04
608234.28	4200741.15	9854.41361	0.2287	0.23164	0.03425	0.03307	0.02045	0.02037	1.73E-04	4.75E-05	4.87E-05	1.15E-05	1.11E-05	2.47E-06	2.45E-06	2.9686E-04
608234.28	4200763.95	9853.95334	0.221	0.22396	0.03624	0.03501	0.02066	0.02057	1.73E-04	4.59E-05	4.71E-05	1.22E-05	1.17E-05	2.49E-06	2.48E-06	2.9501E-04
608234.28	4200771.55	9852.0447	0.21843	0.2214	0.03692	0.03567	0.02072	0.02063	1.73E-04	4.54E-05	4.66E-05	1.24E-05	1.20E-05	2.50E-06	2.49E-06	2.9437E-04
608234.28	4200779.15	9849.28431	0.21587	0.21884	0.0376	0.03633	0.02079	0.02069	1.73E-04	4.48E-05	4.60E-05	1.27E-05	1.22E-05	2.51E-06	2.49E-06	2.9372E-04
608234.28	4200786.75	9845.74882	0.21332	0.21629	0.03828	0.037	0.02085	0.02075	1.73E-04	4.43E-05	4.55E-05	1.29E-05	1.24E-05	2.52E-06	2.50E-06	2.9306E-04
608234.28	4200794.35	9841.62147	0.21078	0.21375	0.03898	0.03768	0.02091	0.02081	1.73E-04	4.38E-05	4.50E-05	1.31E-05	1.26E-05	2.52E-06	2.51E-06	2.9240E-04
608234.28	4200801.95	9837.35398	0.20826	0.21123	0.03967	0.03836	0.02097	0.02087	1.73E-04	4.32E-05	4.44E-05	1.34E-05	1.29E-05	2.53E-06	2.52E-06	2.9175E-04
608234.28	4200809.55	9831.8877	0.20575	0.20872	0.04037	0.03905	0.02103	0.02093	1.73E-04	4.27E-05	4.39E-05	1.36E-05	1.31E-05	2.54E-06	2.52E-06	2.9109E-04
608234.28	4200817.15	9825.65418	0.20324	0.20621	0.04108	0.03974	0.02109	0.02098	1.73E-04	4.22E-05	4.34E-05	1.38E-05	1.33E-05	2.55E-06	2.53E-06	2.9041E-04
608234.28	4200824.75	9818.58027	0.20075	0.20371	0.04178	0.04043	0.02115	0.02103	1.72E-04	4.17E-05	4.29E-05	1.41E-05	1.36E-05	2.55E-06	2.53E-06	2.8972E-04
608234.28	4200832.35	9811.01782	0.19828	0.20124	0.04249	0.04113	0.0212	0.02109	1.72E-04	4.12E-05	4.23E-05	1.43E-05	1.38E-05	2.56E-06	2.54E-06	2.8905E-04
608234.28	4200839.95	9802.86285	0.19583	0.19877	0.04321	0.04183	0.02125	0.02114	1.72E-04	4.07E-05	4.18E-05	1.46E-05	1.40E-05	2.57E-06	2.55E-06	2.8836E-04
608234.28	4200847.55	9794.39396	0.19339	0.19633	0.04392	0.04253	0.02131	0.02119	1.72E-04	4.02E-05	4.13E-05	1.48E-05	1.43E-05	2.57E-06	2.55E-06	2.8768E-04
608234.28	4200855.15	9785.54697	0.19098	0.19391	0.04464	0.04324	0.02136	0.02123	1.72E-04	3.97E-05	4.08E-05	1.50E-05	1.45E-05	2.58E-06	2.56E-06	2.8701E-04
608234.28	4200862.75	9775.88116	0.18858	0.1915	0.04536	0.04395	0.02141	0.02128	1.72E-04	3.92E-05	4.03E-05	1.53E-05	1.47E-05	2.59E-06	2.56E-06	2.8633E-04
608234.28	4200870.35	9765.62694	0.18621	0.18912	0.04608	0.04466	0.02145	0.02132	1.72E-04	3.87E-05	3.98E-05	1.55E-05	1.50E-05	2.59E-06	2.57E-06	2.8564E-04
608240.38	4200722.19	9795.95592	0.2313	0.23416	0.03258	0.03146	0.02021	0.02014	1.72E-04	4.80E-05	4.93E-05	1.10E-05	1.06E-05	2.44E-06	2.43E-06	2.9575E-04
608240.73	4200729.53	9795.29777	0.22868	0.23155	0.03319	0.03205	0.02028	0.0202	1.72E-04	4.75E-05	4.87E-05	1.12E-05	1.07E-05	2.45E-06	2.43E-06	2.9506E-04
608241.15	4200748.75	9794.2066	0.22213	0.22501	0.03482	0.03364	0.02045	0.02037	1.72E-04	4.61E-05	4.73E-05	1.17E-05	1.13E-05	2.47E-06	2.45E-06	2.9343E-04
608241.15	4200741.15	9793.86377	0.22462	0.2275	0.03417	0.033	0.02038	0.0203	1.72E-04	4.66E-05	4.79E-05	1.15E-05	1.11E-05	2.46E-06	2.45E-06	2.9401E-04
608241.15	4200756.35	9793.85438	0.21964	0.22253	0.03547	0.03427	0.02052	0.02043	1.72E-04	4.56E-05	4.68E-05	1.19E-05	1.15E-05	2.48E-06	2.46E-06	2.9283E-04
608241.15	4200763.95	9792.92109	0.21715	0.22005	0.03614	0.03492	0.02058	0.02049	1.72E-04	4.51E-05	4.63E-05	1.22E-05	1.17E-05	2.49E-06	2.47E-06	2.9223E-04
608241.15	4200771.55	9790.98439	0.21467	0.21757	0.0368	0.03557	0.02065	0.02056	1.72E-04	4.46E-05	4.58E-05	1.24E-05	1.19E-05	2.49E-06	2.48E-06	2.9162E-04
608241.15	4200779.15	9788.03634	0.21218	0.21509	0.03748	0.03623	0.02071	0.02062	1.72E-04	4.41E-05	4.52E-05	1.26E-05	1.22E-05	2.50E-06	2.49E-06	2.9100E-04
608241.15	4200786.75	9784.24173	0.20971	0.21261	0.03816	0.03689	0.02077	0.02068	1.72E-04	4.35E-05	4.47E-05	1.29E-05	1.24E-05	2.51E-06	2.49E-06	2.9036E-04
608241.15	4200794.35	9779.95779	0.20724	0.21014	0.03884	0.03756	0.02084	0.02074	1.72E-04	4.30E-05	4.42E-05	1.31E-05	1.26E-05	2.52E-06	2.50E-06	2.8972E-04
608241.15	4200801.95	9775.44615	0.20479	0.20769	0.03952	0.03823	0.0209	0.02079	1.72E-04	4.25E-05	4.37E-05	1.33E-05	1.28E-05	2.52E-06	2.51E-06	2.8908E-04
608241.15	4200809.55	9769.93472	0.20235	0.20525	0.04021	0.03891	0.02095	0.02085	1.72E-04	4.20E-05	4.32E-05	1.35E-05	1.31E-05	2.53E-06	2.51E-06	2.8844E-04
608241.15	4200817.15	9763.58126	0.19991	0.20281	0.04091	0.03959	0.02101	0.0209	1.71E-04	4.15E-05	4.27E-05	1.38E-05	1.33E-05	2.54E-06	2.52E-06	2.8779E-04
608241.15	4200824.75	9756.49987	0.19749	0.20039	0.0416	0.04027	0.02107	0.02095	1.71E-04	4.10E-05	4.22E-05	1.40E-05	1.35E-05	2.54E-06	2.52E-06	2.8712E-04
608241.15	4200832.35	9748.84897	0.19509	0.19798	0.0423	0.04096	0.02112	0.02101	1.71E-04	4.05E-05	4.16E-05	1.42E-05	1.37E-05	2.55E-06	2.53E-06	2.8646E-04
608241.15	4200839.95	9740.52227	0.1927	0.19558	0.04301	0.04165	0.02117	0.02106	1.71E-04	4.00E-05	4.11E-05	1.45E-05	1.40E-05	2.56E-06	2.54E-06	2.8580E-04
608241.15	4200847.55	9731.80331	0.19033	0.1932	0.04371	0.04234	0.02122	0.0211	1.71E-04	3.95E-05	4.06E-05	1.47E-05	1.42E-05	2.56E-06	2.54E-06	2.8513E-04
608241.15	4200855.15	9722.63601	0.18798	0.19084	0.04442	0.04304	0.02127	0.02115	1.71E-04	3.90E-05	4.01E-05	1.50E-05	1.44E-05	2.57E-06	2.55E-06	2.8447E-04
608241.15	4200862.75	9713.19416	0.18565	0.1885	0.04513	0.04374	0.02132	0.0212	1.71E-04	3.86E-05	3.97E-05	1.52E-05	1.47E-05	2.57E-06	2.55E-06	2.8382E-04
608241.15	4200870.35	9702.9918	0.18334	0.18618	0.04584	0.04444	0.02137	0.02124	1.70E-04	3.81E-05	3.92E-05	1.54E-05	1.49E-05	2.58E-06	2.56E-06	2.8315E-04
608248.02	4200741.15	9734.06265	0.22065	0.22346	0.03409	0.03293	0.02031	0.02023	1.71E-04	4.58E-05	4.70E-05	1.15E-05	1.10E-05	2.45E-06	2.44E-06	2.9122E-04
608248.02	4200748.75	9733.99057	0.21823	0.22105	0.03473	0.03356	0.02038	0.02029	1.71E-04	4.53E-05	4.65E-05	1.17E-05	1.13E-05	2.46E-06	2.45E-06	2.9065E-04
608248.02	4200756.35	9733.51166	0.21582	0.21864	0.03538	0.03419	0.02045	0.02036	1.71E-04	4.48E-05	4.60E-05	1.19E-05	1.15E-05	2.47E-06	2.45E-06	2.9009E-04
608248.02	4200763.95	9732.46144	0.21341	0.21624	0.03603	0.03483	0.02051	0.02042	1.71E-04	4.43E-05	4.55E-05	1.21E-05	1.17E-05	2.48E-06	2.46E-06	2.8951E-04
608248.02	4200771.55	9730.40949	0.21099	0.21383	0.03669	0.03547	0.02058	0.02048	1.71E-04	4.38E-05	4.50E-05	1.24E-05	1.19E-05	2.49E-06	2.47E-06	2.8892E-04
608248.02	4200779.15	9727.27865	0.20858	0.21142	0.03736	0.03612	0.02064	0.02054	1.71E-04	4.33E-05	4.45E-05	1.26E-05	1.21E-05	2.49E-06	2.48E-06	2.8831E-04
608248.02	4200786.75	9723.3231	0.20618	0.20902	0.03803	0.03678	0.0207	0.0206	1.71E-04	4.28E-05	4.40E-05	1.28E-05	1.23E-05	2.50E-06	2.48E-06	2.8770E-04
608248.02	4200794.35	9718.88971	0.20378	0.20662	0.0387	0.03743	0.02076	0.02066	1.71E-04	4.23E-05	4.35E-05	1.30E-05	1.26E-05	2.51E-06	2.49E-06	2.8708E-04
608248.02	4200801.95	9713.95736	0.20139	0.20423	0.03938	0.0381	0.02082	0.02072	1.71E-04	4.18E-05	4.30E-05	1.33E-05	1.28E-05	2.51E-06	2.50E-06	2.8646E-04
608248.02	4200809.55	9708.40852	0.19902	0.20186	0.04006	0.03877	0.02088	0.02077	1.71E-04	4.13E-05	4.25E-05	1.35E-05	1.30E-05	2.52E-06	2.50E-06	2.8584E-04
608248.02	4200817.15	9702.03578	0.19666	0.19949	0.04074	0.03944	0.02093	0.02082	1.70E-04	4.08E-05	4.20E-05	1.37E-05	1.32E-05	2.53E-06	2.51E-06	2.8521E-04
608248.02	4200824.75	9694.94784	0.1943	0.19714	0.04143	0.04011	0.02099	0.02088	1.70E-04	4.03E-05	4.15E-05	1.40E-05	1.35E-05	2.53E-06	2.52E-06	2.8457E-04
608248.02	4200832.35	9687.20866	0.19196	0.19479	0.04212	0.04079	0.02104	0.02093	1.70E-04	3.99E-05	4.10E-05	1.42E-05	1.37E-05	2.54E-06	2.52E-06	2.8392E-04
608248.02	4200839.95	9678.89537	0.18964	0.19246	0.04282	0.04147	0.02109	0.02097	1.70E-04	3.94E-05	4.05E-05	1.44E-05	1.39E-05	2.55E-06	2.53E-06	2.8328E-04
608248.02	4200847.55	9669.93162	0.18733	0.19014	0.04351	0.04216	0.02114	0.02102	1.70E-04	3.89E-05	4.00E-05	1.47E-05	1.41E-05	2.55E-06	2.53E-06	2.8263E-04
608248.02	4200855.15	9660.62788	0.18504	0.18784	0.04421	0.04284	0.02119	0.02107	1.70E-04	3.84E-05	3.95E-05	1.49E-05	1.44E-05	2.56E-06	2.54E-06	2.8198E-04
608248.02	4200862.75	9650.96944	0.18277	0.18556	0.04491	0.04353	0.02124	0.02111	1.70E-04	3.80E-05	3.90E-05	1.51E-05	1.46E-05	2.56E-06	2.54E-06	2.8134E-04
608248.02	4200870.35	9640.90475	0.18052	0.1833	0.0456	0.04422	0.02128	0.02116	1.69E-04	3.75E-05	3.86E-05	1.54E-05	1.48E-05	2.57E-06	2.55E-06	2.8070E-04
608248.07	4200730.93	9732.28118	0.22387	0.22667	0.03323	0.0321	0.02022	0.02014	1.71E-04	4.65E-05	4.77E-05	1.12E-05	1.08E-05	2.44E-06	2.43E-06	2.9195E-04
608248.42	4200723.59	9727.33295	0.22599	0.22877	0.03262	0.03151	0.02014	0.02007	1.71E-04	4.69E-05	4.81E-05	1.10E-05	1.06E-05	2.43E-06	2.42E-06	2.9232E-04
608254.89	4200741.15	9674.90155	0.21678	0.21953	0.034	0.03287	0.02024	0.02016	1.70E-04	4.50E-05	4.62E-05	1.15E-05	1.10E-05	2.44E-06	2.43E-06	2.8849E-04
608254.89	4200748.75	9674.60327	0.21443	0.21719	0.03464	0.03349	0.02031	0.02022	1.70E-04	4.45E-05	4.57E-05	1.17E-05	1.12E-05	2.45E-06	2.44E-06	2.8794E-04
608254.89	4200756.35	9673.82029	0.21209	0.21485	0.03528	0.03411	0.02037	0.02029	1.70E-04	4.40E-05	4.52E-05	1.19E-05	1.14E-05	2.46E-06	2.45E-06	2.8739E-04
608254.89	4200763.95	9672.47297	0.20975	0.21252	0.03593	0.03474	0.02044	0.02035	1.70E-04	4.36E-05	4.47E-05	1.21E-05	1.17E-05	2.47E-06	2.45E-06	2.8683E-04
608254.89	4200771.55	9670.31749	0.20741	0.21018	0.03658	0.03538	0.0205	0.02041	1.70E-04	4.31E-05	4.42E-05	1.23E-05	1.19E-05	2.48E-06	2.46E-06	2.8627E-04
608254.89	4200779.15	9667.09805	0.20507	0.20784	0.03724	0.03602	0.02057	0.02047	1.70E-04	4.26E-05	4.37E-05	1.25E-05	1.21E-05	2.48E-06	2.47E-06	2.8568E-04
608254.89	4200786.75	9663.07652	0.20273	0.20551	0.0379	0.03666	0.02063	0.02053	1.70E-04	4.21E-05	4.32E-05	1.28E-05	1.23E-05	2.49E-06	2.47E-06	2.8509E-04
608254.89	4200794.35	9658.41196	0.2004	0.20318	0.03856	0.03731	0.02068	0.02058	1.70E-04	4.16E-05	4.27E-05	1.30E-05	1.25E-05	2.50E-06	2.48E-06	2.8448E-04
608254.89	4200801.95	9653.06719	0.19808	0.20086	0.03923	0.03797	0.02074	0.02064	1.70E-04	4.11E-05	4.23E-05	1.32E-05	1.27E-05	2.50E-06	2.49E-06	2.8388E-04
608254.89	4200809.55	9647.39737	0.19577	0.19855	0.0399	0.03863	0.0208	0.02069	1.69E-04	4.07E-05	4.18E-05	1.34E-05	1.30E-05	2.51E-06	2.49E-06	2.8328E-04
608254.89	4200817.15	9641.00329	0.19347	0.19625	0.04058	0.03929	0.02085	0.02075	1.69E-04	4.02E-05	4.13E-05	1.37E-05	1.32E-05	2.52E-06	2.50E-06	2.8267E-04
608254.89	4200824.75	9634.00355	0.19119	0.19396	0.04126	0.03996	0.02091	0.0208	1.69E-04	3.97E-05	4.08E-05	1.39E-05	1.34E-05	2.52E-06	2.51E-06	2.8206E-04
608254.89	4200832.35	9626.18134	0.18891	0.19168	0.04194	0.04062	0.02096	0.02085	1.69E-04	3.92E-05	4.03E-05	1.41E-05	1.36E-05	2.53E-06	2.51E-06	2.8143E-04
608254.89	4200839.95	9617.79409	0.18665	0.18941	0.04262	0.0413	0.02101	0.02089	1.69E-04	3.88E-05	3.98E-05	1.44E-05	1.39E-05	2.54E-06	2.52E-06	2.8080E-04
608254.89	4200847.55	9608.85575	0.1844	0.18715	0.04331	0.04197	0.02106	0.02094	1.69E-04	3.83E-05	3.94E-05	1.46E-05	1.41E-05	2.54E-06	2.52E-06	2.8017E-04
608254.89	4200855.15	9599.33225	0.18217	0.18491	0.04399	0.04265	0.02111	0.02099	1.69E-04	3.78E-05	3.89E-05	1.48E-05	1.43E-05	2.55E-06	2.53E-06	2.7954E-04
608254.89	4200862.75	9589.46253	0.17996	0.18269	0.04468	0.04333	0.02115	0.02103	1.68E-04	3.74E-05	3.84E-05	1.50E-05	1.45E-05	2.55E-06	2.53E-06	2.7891E-04
608254.89	4200870.35	9579.36366	0.17777	0.18049	0.04537	0.04401	0.0212	0.02107	1.68E-04	3.69E-05	3.80E-05	1.53E-05	1.48E-05	2.56E-06	2.54E-06	2.7829E-04
608255.41	4200731.98	9669.59755	0.21931	0.22205	0.03324	0.03212	0.02015	0.02008	1.70E-04	4.55E-05	4.67E-05	1.12E-05	1.08E-05	2.43E-06	2.42E-06	2.8892E-04
608255.76	4200725.34	9665.05931	0.22115	0.22387	0.03269	0.03159	0.02009	0.02001	1.70E-04	4.59E-05	4.71E-05	1.10E-05	1.06E-05	2.43E-06	2.41E-06	2.8923E-04
608261.76	4200741.15	9616.28712	0.21301	0.2157	0.03392	0.0328	0.02017	0.02009	1.69E-04	4.42E-05	4.54E-05	1.14E-05	1.10E-05	2.44E-06	2.42E-06	2.8580E-04
608261.76	4200748.75	9615.85727	0.21073	0.21343	0.03455	0.03341	0.02024	0.02016	1.69E-04	4.38E-05	4.49E-05	1.16E-05	1.12E-05	2.44E-06	2.43E-06	2.8528E-04
608261.76	4200756.35	9614.68859	0.20845	0.21116	0.03518	0.03403	0.0203	0.02022	1.69E-04	4.33E-05	4.44E-05	1.18E-05	1.14E-05	2.45E-06	2.44E-06	2.8474E-04
608261.76	4200763.95	9612.95237	0.20618	0.20889	0.03582	0.03465	0.02037	0.02028	1.69E-04	4.28E-05	4.39E-05	1.21E-05	1.16E-05	2.46E-06	2.44E-06	2.8420E-04
608261.76	4200771.55	9610.70073	0.20391	0.20662	0.03647	0.03528	0.02043	0.02034	1.69E-04	4.23E-05	4.35E-05	1.23E-05	1.18E-05	2.47E-06	2.45E-06	2.8365E-04
608261.76	4200779.15	9607.40546	0.20163	0.20435	0.03711	0.03591	0.02049	0.0204	1.69E-04	4.19E-05	4.30E-05	1.25E-05	1.20E-05	2.47E-06	2.46E-06	2.8309E-04
608261.76	4200786.75	9603.31846	0.19937	0.20208	0.03777	0.03655	0.02055	0.02045	1.69E-04	4.14E-05	4.25E-05	1.27E-05	1.23E-05	2.48E-06	2.46E-06	2.8252E-04
608261.76	4200794.35	9598.51337	0.1971	0.19982	0.03842	0.03719	0.02061	0.02051	1.69E-04	4.09E-05	4.20E-05	1.29E-05	1.25E-05	2.49E-06	2.47E-06	2.8194E-04
608261.76	4200801.95	9592.94747	0.19484	0.19756	0.03908	0.03784	0.02067	0.02056	1.68E-04	4.05E-05	4.16E-05	1.32E-05	1.27E-05	2.50E-06	2.48E-06	2.8135E-04
608261.76	4200809.55	9586.98357	0.1926	0.19531	0.03975	0.03849	0.02072	0.02062	1.68E-04	4.00E-05	4.11E-05	1.34E-05	1.29E-05	2.50E-06	2.49E-06	2.8076E-04
608261.76	4200817.15	9580.47894	0.19036	0.19307	0.04041	0.03914	0.02078	0.02067	1.68E-04	3.95E-05	4.06E-05	1.36E-05	1.31E-05	2.51E-06	2.49E-06	2.8016E-04
608261.76	4200824.75	9573.5672	0.18814	0.19085	0.04108	0.0398	0.02083	0.02072	1.68E-04	3.91E-05	4.01E-05	1.38E-05	1.33E-05	2.52E-06	2.50E-06	2.7957E-04
608261.76	4200832.35	9565.75526	0.18593	0.18863	0.04175	0.04046	0.02088	0.02077	1.68E-04	3.86E-05	3.97E-05	1.41E-05	1.36E-05	2.52E-06	2.50E-06	2.7897E-04
608261.76	4200839.95	9557.30013	0.18373	0.18642	0.04243	0.04112	0.02093	0.02081	1.68E-04	3.82E-05	3.92E-05	1.43E-05	1.38E-05	2.53E-06	2.51E-06	2.7836E-04
608261.76	4200847.55	9548.30529	0.18154	0.18423	0.0431	0.04179	0.02098	0.02086	1.68E-04	3.77E-05	3.88E-05	1.45E-05	1.40E-05	2.53E-06	2.51E-06	2.7775E-04
608261.76	4200855.15	9538.82755	0.17937	0.18205	0.04378	0.04245	0.02103	0.0209	1.68E-04	3.72E-05	3.83E-05	1.47E-05	1.42E-05	2.54E-06	2.52E-06	2.7713E-04
608261.76	4200862.75	9528.7489	0.17721	0.17988	0.04446	0.04312	0.02107	0.02095	1.67E-04	3.68E-05	3.78E-05	1.50E-05	1.45E-05	2.54E-06	2.52E-06	2.7652E-04
608261.76	4200870.35	9518.45066	0.17507	0.17773	0.04514	0.0438	0.02112	0.02099	1.67E-04	3.64E-05	3.74E-05	1.52E-05	1.47E-05	2.55E-06	2.53E-06	2.7591E-04
608268.63	4200741.15	9557.74962	0.20932	0.21195	0.03384	0.03273	0.0201	0.02002	1.68E-04	4.35E-05	4.46E-05	1.14E-05	1.10E-05	2.43E-06	2.41E-06	2.8315E-04
608268.63	4200748.75	9557.28778	0.20711	0.20975	0.03446	0.03333	0.02017	0.02009	1.68E-04	4.30E-05	4.41E-05	1.16E-05	1.12E-05	2.44E-06	2.42E-06	2.8265E-04
608268.63	4200756.35	9556.10653	0.20491	0.20755	0.03508	0.03394	0.02023	0.02015	1.68E-04	4.26E-05	4.37E-05	1.18E-05	1.14E-05	2.44E-06	2.43E-06	2.8213E-04
608268.63	4200763.95	9554.07661	0.20269	0.20535	0.03572	0.03456	0.0203	0.02021	1.68E-04	4.21E-05	4.32E-05	1.20E-05	1.16E-05	2.45E-06	2.44E-06	2.8161E-04
608268.63	4200771.55	9551.82203	0.20049	0.20315	0.03635	0.03518	0.02036	0.02027	1.68E-04	4.16E-05	4.27E-05	1.22E-05	1.18E-05	2.46E-06	2.44E-06	2.8109E-04
608268.63	4200779.15	9548.367	0.19828	0.20094	0.03699	0.03581	0.02042	0.02032	1.68E-04	4.12E-05	4.23E-05	1.25E-05	1.20E-05	2.47E-06	2.45E-06	2.8055E-04
608268.63	4200786.75	9544.12785	0.19608	0.19874	0.03764	0.03644	0.02048	0.02038	1.68E-04	4.07E-05	4.18E-05	1.27E-05	1.22E-05	2.47E-06	2.46E-06	2.8000E-04
608268.63	4200794.35	9539.18592	0.19388	0.19654	0.03828	0.03707	0.02054	0.02043	1.68E-04	4.03E-05	4.13E-05	1.29E-05	1.24E-05	2.48E-06	2.46E-06	2.7943E-04
608268.63	4200801.95	9533.58359	0.19168	0.19434	0.03893	0.03771	0.02059	0.02049	1.67E-04	3.98E-05	4.09E-05	1.31E-05	1.26E-05	2.49E-06	2.47E-06	2.7886E-04
608268.63	4200809.55	9527.24443	0.1895	0.19215	0.03959	0.03835	0.02065	0.02054	1.67E-04	3.94E-05	4.04E-05	1.33E-05	1.29E-05	2.49E-06	2.48E-06	2.7828E-04
608268.63	4200817.15	9520.63652	0.18732	0.18998	0.04025	0.03899	0.0207	0.02059	1.67E-04	3.89E-05	4.00E-05	1.36E-05	1.31E-05	2.50E-06	2.48E-06	2.7771E-04
608268.63	4200824.75	9513.80838	0.18516	0.18781	0.04091	0.03964	0.02075	0.02064	1.67E-04	3.85E-05	3.95E-05	1.38E-05	1.33E-05	2.51E-06	2.49E-06	2.7713E-04
608268.63	4200832.35	9505.9267	0.18301	0.18565	0.04157	0.04029	0.0208	0.02069	1.67E-04	3.80E-05	3.91E-05	1.40E-05	1.35E-05	2.51E-06	2.49E-06	2.7655E-04
608268.63	4200839.95	9497.40682	0.18087	0.1835	0.04224	0.04095	0.02085	0.02073	1.67E-04	3.76E-05	3.86E-05	1.42E-05	1.37E-05	2.52E-06	2.50E-06	2.7596E-04
608268.63	4200847.55	9488.35892	0.17874	0.18137	0.0429	0.0416	0.0209	0.02078	1.67E-04	3.71E-05	3.82E-05	1.44E-05	1.40E-05	2.52E-06	2.50E-06	2.7536E-04
608268.63	4200855.15	9478.84143	0.17662	0.17924	0.04357	0.04226	0.02095	0.02082	1.66E-04	3.67E-05	3.77E-05	1.47E-05	1.42E-05	2.53E-06	2.51E-06	2.7476E-04
608268.63	4200862.75	9468.82005	0.17452	0.17713	0.04424	0.04292	0.02099	0.02086	1.66E-04	3.62E-05	3.73E-05	1.49E-05	1.44E-05	2.53E-06	2.51E-06	2.7417E-04
608268.63	4200870.35	9458.33222	0.17244	0.17504	0.04491	0.04358	0.02103	0.02091	1.66E-04	3.58E-05	3.68E-05	1.51E-05	1.46E-05	2.54E-06	2.52E-06	2.7357E-04
608275.5	4200733.55	9499.8282	0.20786	0.21043	0.03315	0.03206	0.01997	0.01989	1.67E-04	4.32E-05	4.43E-05	1.12E-05	1.08E-05	2.41E-06	2.40E-06	2.8102E-04
608275.5	4200741.15	9499.74887	0.20572	0.2083	0.03375	0.03266	0.02003	0.01995	1.67E-04	4.27E-05	4.38E-05	1.14E-05	1.10E-05	2.42E-06	2.40E-06	2.8055E-04
608275.5	4200748.75	9499.34432	0.20359	0.20617	0.03437	0.03325	0.0201	0.02002	1.67E-04	4.23E-05	4.34E-05	1.16E-05	1.12E-05	2.43E-06	2.41E-06	2.8007E-04
608275.5	4200756.35	9498.14991	0.20144	0.20403	0.03499	0.03386	0.02016	0.02008	1.67E-04	4.18E-05	4.29E-05	1.18E-05	1.14E-05	2.43E-06	2.42E-06	2.7958E-04
608275.5	4200763.95	9496.01753	0.1993	0.20189	0.03561	0.03447	0.02023	0.02014	1.67E-04	4.14E-05	4.25E-05	1.20E-05	1.16E-05	2.44E-06	2.43E-06	2.7908E-04
608275.5	4200771.55	9493.31636	0.19715	0.19975	0.03624	0.03508	0.02029	0.02019	1.67E-04	4.09E-05	4.20E-05	1.22E-05	1.18E-05	2.45E-06	2.43E-06	2.7856E-04
608275.5	4200779.15	9489.79778	0.19501	0.19761	0.03687	0.0357	0.02035	0.02025	1.67E-04	4.05E-05	4.16E-05	1.24E-05	1.20E-05	2.46E-06	2.44E-06	2.7804E-04
608275.5	4200786.75	9485.50151	0.19287	0.19547	0.03751	0.03632	0.0204	0.02031	1.67E-04	4.01E-05	4.11E-05	1.26E-05	1.22E-05	2.46E-06	2.45E-06	2.7751E-04
608275.5	4200794.35	9480.42712	0.19073	0.19333	0.03814	0.03695	0.02046	0.02036	1.67E-04	3.96E-05	4.07E-05	1.28E-05	1.24E-05	2.47E-06	2.45E-06	2.7696E-04
608275.5	4200801.95	9474.70312	0.1886	0.1912	0.03879	0.03758	0.02052	0.02041	1.66E-04	3.92E-05	4.02E-05	1.31E-05	1.26E-05	2.48E-06	2.46E-06	2.7641E-04
608275.5	4200809.55	9468.34571	0.18647	0.18907	0.03943	0.03821	0.02057	0.02046	1.66E-04	3.87E-05	3.98E-05	1.33E-05	1.28E-05	2.48E-06	2.47E-06	2.7585E-04
608275.5	4200817.15	9461.5538	0.18435	0.18695	0.04008	0.03885	0.02062	0.02051	1.66E-04	3.83E-05	3.93E-05	1.35E-05	1.30E-05	2.49E-06	2.47E-06	2.7529E-04
608275.5	4200824.75	9454.46179	0.18225	0.18484	0.04073	0.03949	0.02067	0.02056	1.66E-04	3.78E-05	3.89E-05	1.37E-05	1.32E-05	2.50E-06	2.48E-06	2.7473E-04
608275.5	4200832.35	9446.59858	0.18016	0.18274	0.04139	0.04013	0.02072	0.02061	1.66E-04	3.74E-05	3.84E-05	1.39E-05	1.35E-05	2.50E-06	2.48E-06	2.7417E-04
608275.5	4200839.95	9438.10845	0.17807	0.18065	0.04204	0.04078	0.02077	0.02066	1.66E-04	3.70E-05	3.80E-05	1.42E-05	1.37E-05	2.51E-06	2.49E-06	2.7359E-04
608275.5	4200847.55	9429.00972	0.176	0.17857	0.0427	0.04142	0.02082	0.0207	1.66E-04	3.65E-05	3.76E-05	1.44E-05	1.39E-05	2.51E-06	2.49E-06	2.7301E-04
608275.5	4200855.15	9419.45429	0.17394	0.1765	0.04336	0.04207	0.02086	0.02074	1.65E-04	3.61E-05	3.71E-05	1.46E-05	1.41E-05	2.52E-06	2.50E-06	2.7243E-04
608275.5	4200862.75	9409.40313	0.17189	0.17444	0.04402	0.04272	0.02091	0.02078	1.65E-04	3.57E-05	3.67E-05	1.48E-05	1.43E-05	2.52E-06	2.50E-06	2.7185E-04
608275.5	4200870.35	9398.90387	0.16986	0.1724	0.04468	0.04338	0.02095	0.02082	1.65E-04	3.53E-05	3.63E-05	1.50E-05	1.46E-05	2.53E-06	2.51E-06	2.7127E-04
608282.37	4200733.55	9443.10275	0.2043	0.20681	0.03307	0.032	0.0199	0.01982	1.66E-04	4.24E-05	4.35E-05	1.11E-05	1.07E-05	2.40E-06	2.39E-06	2.7846E-04
608282.37	4200741.15	9442.72408	0.20222	0.20474	0.03367	0.03258	0.01997	0.01988	1.66E-04	4.20E-05	4.31E-05	1.13E-05	1.09E-05	2.41E-06	2.40E-06	2.7800E-04
608282.37	4200748.75	9442.02756	0.20014	0.20267	0.03428	0.03318	0.02003	0.01995	1.66E-04	4.16E-05	4.26E-05	1.15E-05	1.11E-05	2.42E-06	2.40E-06	2.7754E-04
608282.37	4200756.35	9440.63584	0.19806	0.2006	0.03489	0.03377	0.02009	0.02001	1.66E-04	4.11E-05	4.22E-05	1.18E-05	1.13E-05	2.43E-06	2.41E-06	2.7707E-04
608282.37	4200763.95	9438.32018	0.19598	0.19852	0.0355	0.03437	0.02015	0.02006	1.66E-04	4.07E-05	4.18E-05	1.20E-05	1.15E-05	2.43E-06	2.42E-06	2.7658E-04
608282.37	4200771.55	9435.19048	0.19389	0.19644	0.03612	0.03498	0.02021	0.02012	1.66E-04	4.03E-05	4.13E-05	1.22E-05	1.17E-05	2.44E-06	2.42E-06	2.7608E-04
608282.37	4200779.15	9431.60128	0.19181	0.19436	0.03675	0.03559	0.02027	0.02018	1.66E-04	3.98E-05	4.09E-05	1.24E-05	1.19E-05	2.45E-06	2.43E-06	2.7558E-04
608282.37	4200786.75	9427.34066	0.18973	0.19228	0.03738	0.03621	0.02033	0.02023	1.66E-04	3.94E-05	4.05E-05	1.26E-05	1.21E-05	2.45E-06	2.44E-06	2.7507E-04
608282.37	4200794.35	9422.31531	0.18766	0.1902	0.03801	0.03682	0.02039	0.02029	1.66E-04	3.90E-05	4.00E-05	1.28E-05	1.23E-05	2.46E-06	2.45E-06	2.7454E-04
608282.37	4200801.95	9416.4767	0.18558	0.18813	0.03864	0.03745	0.02044	0.02034	1.65E-04	3.85E-05	3.96E-05	1.30E-05	1.26E-05	2.47E-06	2.45E-06	2.7401E-04
608282.37	4200809.55	9409.92988	0.18351	0.18605	0.03928	0.03807	0.02049	0.02039	1.65E-04	3.81E-05	3.91E-05	1.32E-05	1.28E-05	2.47E-06	2.46E-06	2.7346E-04
608282.37	4200817.15	9402.95744	0.18145	0.18399	0.03992	0.0387	0.02055	0.02044	1.65E-04	3.77E-05	3.87E-05	1.34E-05	1.30E-05	2.48E-06	2.46E-06	2.7292E-04
608282.37	4200824.75	9395.44062	0.1794	0.18194	0.04056	0.03933	0.0206	0.02048	1.65E-04	3.73E-05	3.83E-05	1.37E-05	1.32E-05	2.49E-06	2.47E-06	2.7237E-04
608282.37	4200832.35	9387.85863	0.17736	0.1799	0.04121	0.03997	0.02065	0.02053	1.65E-04	3.68E-05	3.78E-05	1.39E-05	1.34E-05	2.49E-06	2.47E-06	2.7183E-04
608282.37	4200839.95	9379.39252	0.17534	0.17786	0.04185	0.0406	0.02069	0.02058	1.65E-04	3.64E-05	3.74E-05	1.41E-05	1.36E-05	2.50E-06	2.48E-06	2.7127E-04
608282.37	4200847.55	9370.24971	0.17332	0.17583	0.0425	0.04124	0.02074	0.02062	1.65E-04	3.60E-05	3.70E-05	1.43E-05	1.38E-05	2.50E-06	2.49E-06	2.7070E-04
608282.37	4200855.15	9360.65723	0.17131	0.17382	0.04315	0.04188	0.02078	0.02066	1.64E-04	3.56E-05	3.66E-05	1.45E-05	1.40E-05	2.51E-06	2.49E-06	2.7014E-04
608282.37	4200862.75	9350.58327	0.16932	0.17181	0.0438	0.04253	0.02083	0.0207	1.64E-04	3.52E-05	3.61E-05	1.48E-05	1.43E-05	2.52E-06	2.49E-06	2.6957E-04
608282.37	4200870.35	9340.07314	0.16734	0.16982	0.04445	0.04317	0.02087	0.02074	1.64E-04	3.47E-05	3.57E-05	1.50E-05	1.45E-05	2.52E-06	2.50E-06	2.6900E-04
608289.24	4200733.55	9387.07089	0.20082	0.20328	0.03299	0.03193	0.01984	0.01976	1.65E-04	4.17E-05	4.28E-05	1.11E-05	1.07E-05	2.40E-06	2.38E-06	2.7595E-04
608289.24	4200741.15	9386.39451	0.1988	0.20127	0.03359	0.03251	0.0199	0.01982	1.65E-04	4.13E-05	4.23E-05	1.13E-05	1.09E-05	2.40E-06	2.39E-06	2.7550E-04
608289.24	4200748.75	9385.23675	0.19678	0.19926	0.03419	0.0331	0.01996	0.01988	1.65E-04	4.09E-05	4.19E-05	1.15E-05	1.11E-05	2.41E-06	2.40E-06	2.7505E-04
608289.24	4200756.35	9383.47253	0.19476	0.19724	0.03479	0.03369	0.02002	0.01994	1.65E-04	4.04E-05	4.15E-05	1.17E-05	1.13E-05	2.42E-06	2.40E-06	2.7459E-04
608289.24	4200763.95	9381.16006	0.19274	0.19523	0.0354	0.03428	0.02008	0.01999	1.65E-04	4.00E-05	4.11E-05	1.19E-05	1.15E-05	2.42E-06	2.41E-06	2.7413E-04
608289.24	4200771.55	9377.87356	0.19071	0.1932	0.03601	0.03488	0.02014	0.02005	1.65E-04	3.96E-05	4.06E-05	1.21E-05	1.17E-05	2.43E-06	2.42E-06	2.7364E-04
608289.24	4200779.15	9373.95147	0.18869	0.19118	0.03662	0.03548	0.0202	0.02011	1.65E-04	3.92E-05	4.02E-05	1.23E-05	1.19E-05	2.44E-06	2.42E-06	2.7315E-04
608289.24	4200786.75	9369.46769	0.18666	0.18916	0.03724	0.03609	0.02026	0.02016	1.65E-04	3.88E-05	3.98E-05	1.25E-05	1.21E-05	2.45E-06	2.43E-06	2.7265E-04

608289.24	4200794.35	9364.58316	0.18465	0.18714	0.03787	0.0367	0.02031	0.02021	1.64E-04	3.83E-05	3.94E-05	1.28E-05	1.23E-05	2.45E-06	2.44E-06	2.7215E-04
608289.24	4200801.95	9358.64065	0.18263	0.18512	0.03849	0.03732	0.02037	0.02026	1.64E-04	3.79E-05	3.89E-05	1.30E-05	1.25E-05	2.46E-06	2.44E-06	2.7163E-04
608289.24	4200809.55	9352.16178	0.18062	0.18311	0.03912	0.03793	0.02042	0.02031	1.64E-04	3.75E-05	3.85E-05	1.32E-05	1.27E-05	2.47E-06	2.45E-06	2.7111E-04
608289.24	4200817.15	9344.93118	0.17861	0.1811	0.03975	0.03855	0.02047	0.02036	1.64E-04	3.71E-05	3.81E-05	1.34E-05	1.29E-05	2.47E-06	2.45E-06	2.7057E-04
608289.24	4200824.75	9337.25631	0.17661	0.1791	0.04039	0.03918	0.02052	0.02041	1.64E-04	3.67E-05	3.77E-05	1.36E-05	1.31E-05	2.48E-06	2.46E-06	2.7004E-04
608289.24	4200832.35	9329.69387	0.17463	0.17711	0.04103	0.03981	0.02057	0.02045	1.64E-04	3.63E-05	3.73E-05	1.38E-05	1.34E-05	2.48E-06	2.46E-06	2.6952E-04
608289.24	4200839.95	9321.25436	0.17266	0.17513	0.04166	0.04043	0.02061	0.0205	1.64E-04	3.59E-05	3.68E-05	1.40E-05	1.36E-05	2.49E-06	2.47E-06	2.6897E-04
608289.24	4200847.55	9312.15362	0.17069	0.17316	0.0423	0.04106	0.02066	0.02054	1.64E-04	3.54E-05	3.64E-05	1.42E-05	1.38E-05	2.49E-06	2.48E-06	2.6843E-04
608289.24	4200855.15	9302.44336	0.16874	0.17119	0.04294	0.0417	0.0207	0.02058	1.63E-04	3.50E-05	3.60E-05	1.45E-05	1.40E-05	2.50E-06	2.48E-06	2.6788E-04
608289.24	4200862.75	9292.35001	0.16679	0.16924	0.04359	0.04233	0.02075	0.02062	1.63E-04	3.46E-05	3.56E-05	1.47E-05	1.42E-05	2.51E-06	2.49E-06	2.6733E-04
608289.24	4200870.35	9281.82957	0.16487	0.1673	0.04423	0.04296	0.02079	0.02066	1.63E-04	3.42E-05	3.52E-05	1.49E-05	1.44E-05	2.51E-06	2.49E-06	2.6677E-04
608296.11	4200733.55	9331.36512	0.19743	0.19983	0.03292	0.03187	0.01977	0.01969	1.64E-04	4.10E-05	4.20E-05	1.11E-05	1.07E-05	2.39E-06	2.37E-06	2.7348E-04
608296.11	4200741.15	9330.65876	0.19547	0.19789	0.0335	0.03244	0.01983	0.01975	1.64E-04	4.06E-05	4.16E-05	1.13E-05	1.09E-05	2.39E-06	2.38E-06	2.7305E-04
608296.11	4200748.75	9329.13449	0.19351	0.19593	0.03409	0.03302	0.01989	0.01981	1.64E-04	4.02E-05	4.12E-05	1.15E-05	1.11E-05	2.40E-06	2.39E-06	2.7261E-04
608296.11	4200756.35	9327.0985	0.19154	0.19397	0.03469	0.0336	0.01995	0.01987	1.64E-04	3.98E-05	4.08E-05	1.17E-05	1.13E-05	2.41E-06	2.39E-06	2.7217E-04
608296.11	4200763.95	9324.35747	0.18957	0.19201	0.03529	0.03419	0.02001	0.01992	1.64E-04	3.94E-05	4.04E-05	1.19E-05	1.15E-05	2.42E-06	2.40E-06	2.7171E-04
608296.11	4200771.55	9321.0897	0.18761	0.19004	0.0359	0.03478	0.02007	0.01998	1.64E-04	3.90E-05	4.00E-05	1.21E-05	1.17E-05	2.42E-06	2.41E-06	2.7125E-04
608296.11	4200779.15	9316.9288	0.18564	0.18807	0.0365	0.03538	0.02013	0.02003	1.64E-04	3.85E-05	3.96E-05	1.23E-05	1.19E-05	2.43E-06	2.41E-06	2.7077E-04
608296.11	4200786.75	9312.23253	0.18367	0.18611	0.03712	0.03598	0.02018	0.02009	1.64E-04	3.81E-05	3.92E-05	1.25E-05	1.21E-05	2.44E-06	2.42E-06	2.7029E-04
608296.11	4200794.35	9307.1439	0.18171	0.18415	0.03773	0.03658	0.02024	0.02014	1.63E-04	3.77E-05	3.87E-05	1.27E-05	1.23E-05	2.44E-06	2.43E-06	2.6980E-04
608296.11	4200801.95	9301.18365	0.17974	0.18218	0.03835	0.03719	0.02029	0.02019	1.63E-04	3.73E-05	3.83E-05	1.29E-05	1.25E-05	2.45E-06	2.43E-06	2.6930E-04
608296.11	4200809.55	9294.69519	0.17779	0.18022	0.03897	0.0378	0.02034	0.02024	1.63E-04	3.69E-05	3.79E-05	1.31E-05	1.27E-05	2.46E-06	2.44E-06	2.6879E-04
608296.11	4200817.15	9287.54872	0.17584	0.17827	0.03959	0.03841	0.02039	0.02028	1.63E-04	3.65E-05	3.75E-05	1.33E-05	1.29E-05	2.46E-06	2.44E-06	2.6827E-04
608296.11	4200824.75	9279.8082	0.17389	0.17632	0.04022	0.03902	0.02044	0.02033	1.63E-04	3.61E-05	3.71E-05	1.35E-05	1.31E-05	2.47E-06	2.45E-06	2.6775E-04
608296.11	4200832.35	9272.01242	0.17196	0.17439	0.04085	0.03964	0.02049	0.02038	1.63E-04	3.57E-05	3.67E-05	1.38E-05	1.33E-05	2.47E-06	2.46E-06	2.6724E-04
608296.11	4200839.95	9263.60093	0.17004	0.17246	0.04148	0.04026	0.02054	0.02042	1.63E-04	3.53E-05	3.63E-05	1.40E-05	1.35E-05	2.48E-06	2.46E-06	2.6672E-04
608296.11	4200847.55	9254.54912	0.16813	0.17054	0.04211	0.04089	0.02058	0.02046	1.63E-04	3.49E-05	3.59E-05	1.42E-05	1.37E-05	2.49E-06	2.47E-06	2.6619E-04
608296.11	4200855.15	9244.88861	0.16622	0.16862	0.04274	0.04151	0.02062	0.0205	1.62E-04	3.45E-05	3.55E-05	1.44E-05	1.39E-05	2.49E-06	2.47E-06	2.6565E-04
608296.11	4200862.75	9234.77797	0.16433	0.16672	0.04337	0.04213	0.02067	0.02054	1.62E-04	3.41E-05	3.51E-05	1.46E-05	1.41E-05	2.50E-06	2.48E-06	2.6511E-04
608296.11	4200870.35	9224.24828	0.16245	0.16483	0.04401	0.04276	0.02071	0.02058	1.62E-04	3.37E-05	3.47E-05	1.48E-05	1.43E-05	2.50E-06	2.48E-06	2.6458E-04
608302.98	4200733.55	9275.89636	0.19411	0.19647	0.03284	0.0318	0.0197	0.01962	1.63E-04	4.03E-05	4.13E-05	1.11E-05	1.07E-05	2.38E-06	2.36E-06	2.7104E-04
608302.98	4200741.15	9275.2537	0.19221	0.19458	0.03342	0.03237	0.01977	0.01968	1.63E-04	3.99E-05	4.09E-05	1.13E-05	1.09E-05	2.39E-06	2.37E-06	2.7064E-04
608302.98	4200748.75	9273.80375	0.19031	0.19268	0.034	0.03294	0.01983	0.01974	1.63E-04	3.95E-05	4.05E-05	1.15E-05	1.10E-05	2.39E-06	2.38E-06	2.7022E-04
608302.98	4200756.35	9271.41182	0.1884	0.19078	0.03459	0.03351	0.01989	0.0198	1.63E-04	3.91E-05	4.01E-05	1.16E-05	1.12E-05	2.40E-06	2.39E-06	2.6979E-04
608302.98	4200763.95	9268.25382	0.18648	0.18886	0.03518	0.03409	0.01994	0.01985	1.63E-04	3.87E-05	3.97E-05	1.18E-05	1.14E-05	2.41E-06	2.39E-06	2.6933E-04
608302.98	4200771.55	9264.83184	0.18457	0.18696	0.03578	0.03468	0.02	0.01991	1.63E-04	3.83E-05	3.93E-05	1.21E-05	1.16E-05	2.41E-06	2.40E-06	2.6889E-04
608302.98	4200779.15	9260.6114	0.18266	0.18504	0.03638	0.03527	0.02006	0.01996	1.63E-04	3.79E-05	3.89E-05	1.23E-05	1.18E-05	2.42E-06	2.41E-06	2.6843E-04
608302.98	4200786.75	9255.7116	0.18074	0.18313	0.03699	0.03586	0.02011	0.02001	1.63E-04	3.75E-05	3.85E-05	1.25E-05	1.20E-05	2.43E-06	2.41E-06	2.6796E-04
608302.98	4200794.35	9250.25108	0.17883	0.18122	0.03759	0.03646	0.02017	0.02006	1.62E-04	3.71E-05	3.81E-05	1.27E-05	1.22E-05	2.44E-06	2.42E-06	2.6748E-04
608302.98	4200801.95	9244.10465	0.17692	0.17931	0.0382	0.03706	0.02022	0.02011	1.62E-04	3.67E-05	3.77E-05	1.29E-05	1.24E-05	2.44E-06	2.42E-06	2.6699E-04
608302.98	4200809.55	9237.69409	0.17502	0.1774	0.03882	0.03766	0.02027	0.02016	1.62E-04	3.63E-05	3.73E-05	1.31E-05	1.26E-05	2.45E-06	2.43E-06	2.6651E-04
608302.98	4200817.15	9230.63656	0.17312	0.1755	0.03943	0.03826	0.02032	0.02021	1.62E-04	3.60E-05	3.69E-05	1.33E-05	1.28E-05	2.45E-06	2.44E-06	2.6601E-04
608302.98	4200824.75	9223.00277	0.17123	0.17361	0.04005	0.03887	0.02037	0.02025	1.62E-04	3.56E-05	3.65E-05	1.35E-05	1.30E-05	2.46E-06	2.44E-06	2.6551E-04
608302.98	4200832.35	9214.80991	0.16935	0.17172	0.04067	0.03948	0.02041	0.0203	1.62E-04	3.52E-05	3.61E-05	1.37E-05	1.32E-05	2.46E-06	2.45E-06	2.6500E-04
608302.98	4200839.95	9206.34126	0.16747	0.16984	0.04129	0.04009	0.02046	0.02034	1.62E-04	3.48E-05	3.57E-05	1.39E-05	1.34E-05	2.47E-06	2.45E-06	2.6449E-04
608302.98	4200847.55	9197.34042	0.16561	0.16797	0.04191	0.04071	0.0205	0.02038	1.62E-04	3.44E-05	3.53E-05	1.41E-05	1.37E-05	2.48E-06	2.46E-06	2.6398E-04
608302.98	4200855.15	9187.81716	0.16376	0.16611	0.04254	0.04132	0.02054	0.02042	1.61E-04	3.40E-05	3.49E-05	1.43E-05	1.39E-05	2.48E-06	2.46E-06	2.6346E-04
608302.98	4200862.75	9177.69157	0.16191	0.16425	0.04316	0.04194	0.02059	0.02046	1.61E-04	3.36E-05	3.46E-05	1.45E-05	1.41E-05	2.49E-06	2.47E-06	2.6293E-04
608302.98	4200870.35	9167.15547	0.16008	0.16241	0.04378	0.04256	0.02063	0.0205	1.61E-04	3.32E-05	3.42E-05	1.47E-05	1.43E-05	2.49E-06	2.47E-06	2.6241E-04

Ranch EIR Residential Project Construction Parameters

Phase 3

Construction Annual DPM Emissions (PM2.5 Exhaust) **Mitigated Concentrations**

Annual Average Onsite DPM Rate (grams/m2/sec):	1.41E-09
Annual Average Offsite DPM Emission Rate - Road 1 (grams/sec):	6.02E-06
Annual Average Offsite DPM Emission Rate - Road 2 (grams/sec):	6.10E-06
Annual Average Offsite DPM Emission Rate - Road 3 (grams/sec):	9.77E-06
Annual Average Offsite DPM Emission Rate - Road 4 (grams/sec):	9.73E-06
Annual Average Offsite DPM Emission Rate - Road 5 (grams/sec):	3.50E-06
Annual Average Offsite DPM Emission Rate - Road 6 (grams/sec):	3.49E-06

X	Y	Onsite Phase 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 1 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 4 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 5 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 6 Unit Emissions VALUES AVERAGED AVERAGE CONC	Onsite Phase 3 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 1 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 2 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 3 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 4 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 5 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 6 Annual DPM Exhaust w/Actual Emissions (ug/m3)	**Total DPM (ug/m3)**
605009.76	4201463.46	9951.06161	0.00295	0.00295	0.01178	0.01195	0.10995	0.11322	1.41E-05	1.78E-08	1.80E-08	1.15E-07	1.16E-07	3.85E-07	3.96E-07	1.4324E-05
605020.97	4201489.77	10034.83846	0.00295	0.00296	0.01192	0.0121	0.11465	0.11811	1.42E-05	1.78E-08	1.81E-08	1.16E-07	1.18E-07	4.01E-07	4.13E-07	1.4445E-05
605025.63	4201440.58	10937.12062	0.00301	0.00301	0.01197	0.01215	0.11463	0.11811	1.54E-05	1.81E-08	1.84E-08	1.17E-07	1.18E-07	4.01E-07	4.13E-07	1.5721E-05
605045.35	4201493.83	10577.01547	0.00292	0.00293	0.01195	0.01213	0.11763	0.12129	1.49E-05	1.76E-08	1.79E-08	1.17E-07	1.18E-07	4.12E-07	4.24E-07	1.5211E-05
605052.57	4201438.73	12064.31901	0.00303	0.00303	0.01215	0.01233	0.12091	0.12468	1.70E-05	1.82E-08	1.85E-08	1.19E-07	1.20E-07	4.23E-07	4.36E-07	1.7317E-05
605067.01	4201501.96	11093.38638	0.0029	0.00291	0.01203	0.01221	0.12155	0.12541	1.57E-05	1.75E-08	1.78E-08	1.17E-07	1.19E-07	4.26E-07	4.38E-07	1.5942E-05
605077.3	4201449.8	12824.07783	0.00301	0.00302	0.01225	0.01243	0.12606	0.1301	1.81E-05	1.81E-08	1.84E-08	1.20E-07	1.21E-07	4.41E-07	4.55E-07	1.8392E-05
605088.68	4201514.14	11576.44305	0.00289	0.0029	0.01214	0.01232	0.12652	0.13065	1.64E-05	1.74E-08	1.77E-08	1.19E-07	1.20E-07	4.43E-07	4.57E-07	1.6626E-05
605094.28	4201462.35	13101.05304	0.00297	0.00298	0.01226	0.01244	0.12804	0.1322	1.85E-05	1.79E-08	1.82E-08	1.20E-07	1.21E-07	4.48E-07	4.62E-07	1.8783E-05
605106.29	4201530.4	11859.04624	0.00287	0.00289	0.01225	0.01243	0.13151	0.13591	1.68E-05	1.73E-08	1.76E-08	1.20E-07	1.21E-07	4.60E-07	4.75E-07	1.7027E-05
605113.1	4201473.42	13562.00181	0.00295	0.00295	0.01233	0.01251	0.13192	0.13628	1.92E-05	1.78E-08	1.80E-08	1.20E-07	1.22E-07	4.62E-07	4.76E-07	1.9435E-05
605134.6	4201499.62	13533.87765	0.00288	0.00289	0.01235	0.01253	0.135	0.13952	1.91E-05	1.73E-08	1.76E-08	1.21E-07	1.22E-07	4.73E-07	4.88E-07	1.9395E-05
605151.19	4201482.44	15215.6272	0.00296	0.00297	0.01262	0.0128	0.14433	0.1493	2.15E-05	1.78E-08	1.81E-08	1.23E-07	1.24E-07	5.05E-07	5.22E-07	2.1777E-05
605168.07	4201530.53	14071.15656	0.00285	0.00287	0.01256	0.01275	0.14633	0.15149	1.99E-05	1.72E-08	1.75E-08	1.23E-07	1.24E-07	5.12E-07	5.29E-07	2.0158E-05
605172.03	4201466.28	17878.87846	0.0031	0.00311	0.01308	0.01327	0.16061	0.16635	2.53E-05	1.87E-08	1.90E-08	1.28E-07	1.29E-07	5.62E-07	5.81E-07	2.5550E-05
605181.62	4201558.83	13753.42752	0.00281	0.00283	0.01262	0.01281	0.15097	0.15646	1.94E-05	1.69E-08	1.73E-08	1.23E-07	1.25E-07	5.29E-07	5.47E-07	1.9710E-05
605188.98	4201454.15	20446.21075	0.00321	0.00323	0.01347	0.01367	0.17321	0.17944	2.89E-05	1.93E-08	1.97E-08	1.32E-07	1.33E-07	6.06E-07	6.27E-07	2.9185E-05
605191.33	4201515.02	15952.80831	0.00291	0.00293	0.01284	0.01303	0.15756	0.16325	2.25E-05	1.75E-08	1.79E-08	1.25E-07	1.27E-07	5.52E-07	5.70E-07	2.2822E-05
605193.13	4201585.31	13627.91235	0.0028	0.00283	0.01279	0.01299	0.15889	0.16489	1.93E-05	1.69E-08	1.73E-08	1.25E-07	1.26E-07	5.56E-07	5.76E-07	1.9536E-05
605201.19	4201601.43	13296.47736	0.00275	0.00278	0.01274	0.01294	0.15808	0.16407	1.88E-05	1.66E-08	1.70E-08	1.24E-07	1.26E-07	5.53E-07	5.73E-07	1.9066E-05
605202.19	4201404.28	30314.96847	0.00367	0.00368	0.01494	0.01516	0.19319	0.20005	4.28E-05	2.21E-08	2.24E-08	1.46E-07	1.47E-07	6.76E-07	6.99E-07	4.3160E-05
605207.14	4201438.92	24909.77694	0.00343	0.00344	0.01424	0.01445	0.19283	0.2	3.52E-05	2.07E-08	2.10E-08	1.39E-07	1.41E-07	6.75E-07	6.99E-07	3.5508E-05
605207.2	4201501	17947.74259	0.00301	0.00303	0.01315	0.01335	0.17022	0.17656	2.54E-05	1.81E-08	1.85E-08	1.28E-07	1.30E-07	5.96E-07	6.17E-07	2.5647E-05
605208.1	4201623.31	12572.12144	0.00265	0.00268	0.01256	0.01276	0.15217	0.15788	1.78E-05	1.60E-08	1.63E-08	1.23E-07	1.24E-07	5.33E-07	5.52E-07	1.8038E-05
605226.39	4201488.08	20479.63758	0.00311	0.00313	0.01351	0.01371	0.1852	0.19234	2.89E-05	1.87E-08	1.91E-08	1.32E-07	1.33E-07	6.48E-07	6.72E-07	2.9232E-05
605226.91	4201528.1	17427.90932	0.00293	0.00295	0.01316	0.01336	0.1744	0.18103	2.46E-05	1.76E-08	1.80E-08	1.29E-07	1.30E-07	6.11E-07	6.33E-07	2.4912E-05
605227.67	4201640.58	12749.59312	0.00263	0.00266	0.01267	0.01288	0.15881	0.16497	1.80E-05	1.58E-08	1.62E-08	1.24E-07	1.25E-07	5.56E-07	5.77E-07	1.8291E-05
605241.22	4201548.03	17378.57033	0.00291	0.00294	0.01329	0.0135	0.18354	0.19078	2.45E-05	1.75E-08	1.79E-08	1.30E-07	1.31E-07	6.43E-07	6.67E-07	2.4845E-05
605249.55	4201659	13037.52202	0.00262	0.00265	0.01285	0.01306	0.1688	0.17567	1.84E-05	1.58E-08	1.62E-08	1.25E-07	1.27E-07	5.91E-07	6.14E-07	1.8701E-05
605251.44	4201595.54	16043.06805	0.00286	0.00289	0.01342	0.01363	0.19255	0.20054	2.27E-05	1.72E-08	1.76E-08	1.31E-07	1.33E-07	6.74E-07	7.01E-07	2.2960E-05
605251.89	4201403.82	35832.1866	0.00366	0.00367	0.01505	0.01526	0.21408	0.22267	5.06E-05	2.20E-08	2.24E-08	1.47E-07	1.48E-07	7.50E-07	7.78E-07	5.0955E-05
605255.31	4201424.35	32444.9934	0.00356	0.00357	0.01486	0.01507	0.21806	0.2268	4.58E-05	2.14E-08	2.18E-08	1.45E-07	1.47E-07	7.63E-07	7.93E-07	4.6166E-05
605262.68	4201624.15	15165.51197	0.00278	0.0028	0.01333	0.01355	0.19128	0.19935	2.14E-05	1.67E-08	1.71E-08	1.30E-07	1.32E-07	6.70E-07	6.97E-07	2.1718E-05
605269.83	4201576.12	18270.93229	0.00298	0.00301	0.01384	0.01407	0.21409	0.22334	2.58E-05	1.79E-08	1.84E-08	1.35E-07	1.37E-07	7.50E-07	7.80E-07	2.6117E-05
605271.43	4201670.51	13477.44456	0.00263	0.00265	0.01303	0.01326	0.18013	0.18782	1.90E-05	1.58E-08	1.62E-08	1.27E-07	1.29E-07	6.31E-07	6.56E-07	1.9326E-05
605272.78	4201468.12	26226.85305	0.00324	0.00326	0.01411	0.01431	0.21302	0.22192	3.70E-05	1.95E-08	1.99E-08	1.38E-07	1.39E-07	7.46E-07	7.76E-07	3.7364E-05
605279.99	4201489.75	24052.93274	0.00312	0.00314	0.01391	0.01411	0.20905	0.21772	3.40E-05	1.88E-08	1.92E-08	1.36E-07	1.37E-07	7.32E-07	7.61E-07	3.4288E-05
605283.25	4201414.66	38335.61416	0.00368	0.00369	0.01537	0.01559	0.23544	0.2453	5.42E-05	2.22E-08	2.25E-08	1.50E-07	1.52E-07	8.24E-07	8.57E-07	5.4498E-05
605285.4	4201543.23	20451.88379	0.00299	0.00302	0.01383	0.01404	0.2135	0.22255	2.89E-05	1.80E-08	1.84E-08	1.35E-07	1.37E-07	7.48E-07	7.78E-07	2.9198E-05
605286.18	4201633.34	15800.39754	0.00278	0.00281	0.01354	0.01377	0.20554	0.21458	2.23E-05	1.67E-08	1.71E-08	1.32E-07	1.34E-07	7.20E-07	7.50E-07	2.2619E-05
605286.6	4201513.79	22235.48601	0.00303	0.00306	0.01381	0.01402	0.20836	0.21699	3.14E-05	1.82E-08	1.87E-08	1.35E-07	1.36E-07	7.30E-07	7.58E-07	3.1717E-05
605288.7	4201676.27	13875.79782	0.00263	0.00265	0.01318	0.0134	0.18949	0.19785	1.96E-05	1.58E-08	1.62E-08	1.29E-07	1.30E-07	6.63E-07	6.91E-07	1.9892E-05
605303.55	4201645.09	15836.73114	0.00274	0.00277	0.01358	0.01381	0.21134	0.22086	2.24E-05	1.65E-08	1.69E-08	1.33E-07	1.34E-07	7.40E-07	7.72E-07	2.2671E-05
605305.23	4201576.28	20757.10304	0.00308	0.00311	0.01448	0.01471	0.25115	0.26271	2.93E-05	1.85E-08	1.90E-08	1.41E-07	1.43E-07	8.79E-07	9.18E-07	2.9643E-05
605306.62	4201416.94	42247.2438	0.00379	0.0038	0.01592	0.01616	0.25477	0.26588	5.97E-05	2.28E-08	2.32E-08	1.55E-07	1.57E-07	8.92E-07	9.29E-07	6.0036E-05
605315.44	4201466.31	31105.25782	0.00337	0.00339	0.01478	0.01499	0.25049	0.26186	4.39E-05	2.03E-08	2.07E-08	1.44E-07	1.46E-07	8.77E-07	9.15E-07	4.4270E-05
605322.05	4201586.49	21392.46733	0.00311	0.00314	0.01479	0.01504	0.2715	0.28441	3.02E-05	1.87E-08	1.92E-08	1.44E-07	1.46E-07	9.51E-07	9.94E-07	3.0547E-05
605331.61	4201420.86	45813.83566	0.00388	0.0039	0.01649	0.01673	0.27743	0.29023	6.47E-05	2.34E-08	2.38E-08	1.61E-07	1.63E-07	9.71E-07	1.01E-06	6.5086E-05
605335.73	4201683.92	15336.89307	0.00267	0.00269	0.01368	0.01391	0.22453	0.23543	2.17E-05	1.61E-08	1.64E-08	1.34E-07	1.35E-07	7.86E-07	8.23E-07	2.1966E-05
605338.73	4201527.72	24487.03484	0.00305	0.00307	0.0143	0.01451	0.24316	0.25419	3.46E-05	1.84E-08	1.87E-08	1.40E-07	1.41E-07	8.51E-07	8.88E-07	3.4908E-05
605341.29	4201471.54	33096.65592	0.00343	0.00345	0.01516	0.01539	0.27732	0.29067	4.68E-05	2.07E-08	2.10E-08	1.48E-07	1.50E-07	9.71E-07	1.02E-06	4.7091E-05
605343.08	4201606.92	21245.63888	0.00309	0.00312	0.01499	0.01525	0.29152	0.30595	3.00E-05	1.86E-08	1.90E-08	1.46E-07	1.48E-07	1.02E-06	1.07E-06	3.0343E-05
605346.39	4201549.18	23802.15546	0.00305	0.00308	0.01449	0.01472	0.26143	0.27384	3.36E-05	1.84E-08	1.88E-08	1.42E-07	1.43E-07	9.15E-07	9.57E-07	3.3944E-05
605347.42	4201504.74	27653.18416	0.00316	0.00319	0.01457	0.01478	0.25826	0.27051	3.91E-05	1.90E-08	1.95E-08	1.42E-07	1.44E-07	9.04E-07	9.45E-07	3.9387E-05
605353.26	4201422.76	48701.97423	0.00395	0.00397	0.01692	0.01717	0.29815	0.31288	6.88E-05	2.38E-08	2.42E-08	1.65E-07	1.67E-07	1.04E-06	1.09E-06	6.9175E-05
605355.14	4201690.56	15827.60483	0.00269	0.00271	0.01389	0.01414	0.24198	0.25428	2.24E-05	1.62E-08	1.65E-08	1.36E-07	1.38E-07	8.47E-07	8.89E-07	2.2664E-05
605358.21	4201654.29	18151.53871	0.00285	0.00287	0.0144	0.01465	0.27037	0.2843	2.56E-05	1.72E-08	1.75E-08	1.41E-07	1.42E-07	9.47E-07	9.94E-07	2.5958E-05
605363.25	4201470.52	35999.28074	0.00353	0.00356	0.01568	0.01592	0.30717	0.32267	5.09E-05	2.13E-08	2.17E-08	1.53E-07	1.55E-07	1.08E-06	1.13E-06	5.1203E-05
605367.72	4201603.92	23255.79007	0.00319	0.00322	0.01557	0.01584	0.33023	0.34751	3.29E-05	1.92E-08	1.96E-08	1.52E-07	1.54E-07	1.16E-06	1.21E-06	3.3195E-05
605371.93	4201559.39	24979.67051	0.00311	0.00314	0.01495	0.01518	0.29864	0.31403	3.53E-05	1.87E-08	1.92E-08	1.46E-07	1.48E-07	1.05E-06	1.10E-06	3.5617E-05
605375.91	4201424.82	50831.6277	0.004	0.00402	0.01725	0.0175	0.32226	0.33904	7.18E-05	2.41E-08	2.45E-08	1.68E-07	1.70E-07	1.13E-06	1.18E-06	7.2191E-05
605379.67	4201688.01	16980.07181	0.00275	0.00277	0.01428	0.01453	0.27281	0.28749	2.40E-05	1.66E-08	1.69E-08	1.39E-07	1.41E-07	9.55E-07	1.00E-06	2.4300E-05
605382.73	4201653.78	19397.23015	0.00291	0.00293	0.0148	0.01506	0.30463	0.32129	2.74E-05	1.75E-08	1.79E-08	1.45E-07	1.46E-07	1.07E-06	1.12E-06	2.7726E-05
605391.16	4201606.92	24881.41245	0.00328	0.00332	0.01617	0.01645	0.37145	0.39227	3.51E-05	1.98E-08	2.03E-08	1.58E-07	1.60E-07	1.30E-06	1.37E-06	3.5505E-05
605392.87	4201547.64	26377.02341	0.00309	0.00312	0.01496	0.01518	0.30317	0.31899	3.73E-05	1.86E-08	1.90E-08	1.46E-07	1.48E-07	1.06E-06	1.11E-06	3.7591E-05
605397.74	4201432.23	50304.25353	0.00397	0.00399	0.01731	0.01757	0.34987	0.36919	7.11E-05	2.39E-08	2.43E-08	1.69E-07	1.71E-07	1.23E-06	1.29E-06	7.1447E-05
605400.1	4201689.03	17755.9543	0.00278	0.0028	0.01457	0.01482	0.29963	0.31661	2.51E-05	1.67E-08	1.71E-08	1.42E-07	1.44E-07	1.05E-06	1.11E-06	2.5402E-05
605401.04	4201524.15	28616.3576	0.00313	0.00316	0.015	0.01521	0.30202	0.31793	4.04E-05	1.88E-08	1.93E-08	1.46E-07	1.48E-07	1.06E-06	1.11E-06	4.0755E-05
605402.58	4201503.72	31476.66334	0.00324	0.00327	0.0152	0.01542	0.31565	0.33301	4.45E-05	1.95E-08	1.99E-08	1.48E-07	1.50E-07	1.11E-06	1.16E-06	4.4801E-05
605407.25	4201655.82	20334.71473	0.00294	0.00297	0.01513	0.0154	0.33857	0.35813	2.87E-05	1.77E-08	1.81E-08	1.48E-07	1.50E-07	1.19E-06	1.25E-06	2.9058E-05
605407.68	4201483.8	35935.28071	0.00344	0.00347	0.01574	0.01596	0.34715	0.36718	5.08E-05	2.07E-08	2.12E-08	1.54E-07	1.55E-07	1.22E-06	1.28E-06	5.1112E-05
605416.39	4201604.52	26330.71098	0.00333	0.00336	0.01653	0.01682	0.41318	0.43749	3.72E-05	2.01E-08	2.05E-08	1.61E-07	1.64E-07	1.45E-06	1.53E-06	3.7560E-05
605416.69	4201438.82	49488.97983	0.00394	0.00396	0.01732	0.01758	0.37663	0.39816	6.99E-05	2.37E-08	2.42E-08	1.69E-07	1.71E-07	1.32E-06	1.39E-06	7.0295E-05
605423.6	4201689.54	18587.75863	0.00281	0.00283	0.01487	0.01514	0.33225	0.3522	2.63E-05	1.69E-08	1.73E-08	1.45E-07	1.47E-07	1.16E-06	1.23E-06	2.6583E-05
605425.13	4201659.91	20781.20895	0.00295	0.00298	0.01533	0.0156	0.36407	0.38614	2.94E-05	1.78E-08	1.82E-08	1.50E-07	1.52E-07	1.27E-06	1.35E-06	2.9692E-05
605438.52	4201442.12	49767.92912	0.00393	0.00395	0.01743	0.0177	0.40979	0.43478	7.03E-05	2.37E-08	2.41E-08	1.70E-07	1.72E-07	1.43E-06	1.52E-06	7.0691E-05
605439.23	4201611.73	26814.54456	0.00334	0.00337	0.01681	0.01711	0.45757	0.48614	3.79E-05	2.01E-08	2.06E-08	1.64E-07	1.66E-07	1.60E-06	1.70E-06	3.8249E-05
605440.46	4201696.18	18813.86003	0.00282	0.00284	0.01504	0.01531	0.35557	0.37798	2.66E-05	1.70E-08	1.73E-08	1.47E-07	1.49E-07	1.24E-06	1.32E-06	2.6906E-05
605441.9	4201530.28	30927.83462	0.00323	0.00326	0.01565	0.01588	0.37673	0.3999	4.37E-05	1.94E-08	1.99E-08	1.53E-07	1.54E-07	1.32E-06	1.40E-06	4.4034E-05
605441.9	4201555.3	29483.68868	0.00326	0.00329	0.01597	0.01622	0.40949	0.43524	4.16E-05	1.96E-08	2.01E-08	1.56E-07	1.58E-07	1.43E-06	1.52E-06	4.2001E-05
605448.12	4201661.95	21706.7905	0.003	0.00303	0.01571	0.016	0.41161	0.43855	3.07E-05	1.81E-08	1.85E-08	1.53E-07	1.56E-07	1.44E-06	1.53E-06	3.1008E-05
605450.08	4201487.89	37718.635	0.00347	0.0035	0.01616	0.0164	0.41026	0.43677	5.33E-05	2.09E-08	2.14E-08	1.58E-07	1.60E-07	1.44E-06	1.53E-06	5.3640E-05
605450.59	4201506.27	34550.04769	0.00335	0.00338	0.01592	0.01615	0.39992	0.42555	4.88E-05	2.02E-08	2.06E-08	1.55E-07	1.57E-07	1.40E-06	1.49E-06	4.9158E-05
605456.65	4201611.13	27722.03822	0.00338	0.00341	0.0171	0.0174	0.49801	0.53105	3.92E-05	2.04E-08	2.08E-08	1.67E-07	1.69E-07	1.74E-06	1.86E-06	3.9537E-05
605459.12	4201443.35	50531.68065	0.00394	0.00397	0.01761	0.01788	0.4455	0.47423	7.14E-05	2.37E-08	2.42E-08	1.72E-07	1.74E-07	1.56E-06	1.66E-06	7.1774E-05
605462.43	4201701.8	19277.18009	0.00284	0.00286	0.01531	0.01559	0.39407	0.42077	2.72E-05	1.71E-08	1.74E-08	1.50E-07	1.52E-07	1.38E-06	1.47E-06	2.7566E-05
605466.42	4201572.67	30243.44775	0.00337	0.0034	0.01676	0.01703	0.49393	0.52743	4.27E-05	2.03E-08	2.07E-08	1.64E-07	1.66E-07	1.73E-06	1.84E-06	4.3091E-05
605467.03	4201661.95	22695.98981	0.00307	0.00309	0.01613	0.01642	0.46477	0.49718	3.21E-05	1.85E-08	1.88E-08	1.58E-07	1.60E-07	1.63E-06	1.74E-06	3.2414E-05
605483.09	4201613.53	28681.15404	0.00342	0.00345	0.0175	0.01781	0.57034	0.61221	4.05E-05	2.06E-08	2.10E-08	1.71E-07	1.73E-07	2.00E-06	2.14E-06	4.0900E-05
605483.88	4201705.38	19937.2519	0.00289	0.0029	0.01567	0.01596	0.44836	0.48116	2.82E-05	1.74E-08	1.77E-08	1.53E-07	1.55E-07	1.57E-06	1.68E-06	2.8506E-05
605484.66	4201447.47	50775.22089	0.00395	0.00398	0.01785	0.01812	0.49981	0.53446	7.17E-05	2.38E-08	2.43E-08	1.74E-07	1.76E-07	1.75E-06	1.87E-06	7.2122E-05
605492.57	4201664	23891.40934	0.00316	0.00318	0.0167	0.01701	0.55145	0.59367	3.37E-05	1.90E-08	1.94E-08	1.63E-07	1.65E-07	1.93E-06	2.07E-06	3.4115E-05
605492.98	4201561.94	31633.43191	0.00336	0.0034	0.01681	0.01708	0.54229	0.58375	4.47E-05	2.02E-08	2.07E-08	1.64E-07	1.66E-07	1.90E-06	2.04E-06	4.5056E-05
605498.6	4201538.96	33016.44401	0.00332	0.00335	0.01647	0.01671	0.50926	0.54855	4.66E-05	2.00E-08	2.04E-08	1.61E-07	1.63E-07	1.78E-06	1.92E-06	4.7002E-05
605501.15	4201514.96	35743.3342	0.00338	0.00341	0.01649	0.01673	0.50649	0.54572	5.05E-05	2.04E-08	2.08E-08	1.61E-07	1.63E-07	1.77E-06	1.91E-06	5.0855E-05
605502.92	4201612.33	29508.70362	0.00345	0.00349	0.01778	0.01809	0.6348	0.68507	4.17E-05	2.08E-08	2.13E-08	1.74E-07	1.76E-07	2.22E-06	2.39E-06	4.2075E-05
605503.19	4201494.01	39331.27349	0.00351	0.00355	0.01676	0.01701	0.52643	0.56761	5.56E-05	2.11E-08	2.17E-08	1.64E-07	1.65E-07	1.84E-06	1.98E-06	5.5930E-05
605504.84	4201447.88	52319.74852	0.00402	0.00405	0.01829	0.01858	0.55312	0.59496	7.39E-05	2.42E-08	2.47E-08	1.79E-07	1.81E-07	1.94E-06	2.08E-06	7.4314E-05
605506.45	4201709.81	20736.81926	0.00296	0.00298	0.01616	0.01647	0.53053	0.57377	2.93E-05	1.78E-08	1.82E-08	1.58E-07	1.60E-07	1.86E-06	2.01E-06	2.9646E-05
605507.9	4201666.04	24611.98917	0.00322	0.00324	0.0171	0.01742	0.61754	0.66807	3.48E-05	1.94E-08	1.98E-08	1.67E-07	1.69E-07	2.16E-06	2.33E-06	3.5142E-05
605523.95	4201611.73	30349.32728	0.00349	0.00352	0.0181	0.01842	0.7198	0.78222	4.29E-05	2.10E-08	2.15E-08	1.77E-07	1.79E-07	2.52E-06	2.73E-06	4.3269E-05
605525.44	4201445.41	55250.93199	0.00416	0.00419	0.01899	0.01929	0.61887	0.67059	7.80E-05	2.50E-08	2.56E-08	1.85E-07	1.88E-07	2.17E-06	2.34E-06	7.8470E-05
605529.85	4201708.66	21857.7945	0.00305	0.00307	0.01673	0.01705	0.64117	0.69871	3.09E-05	1.84E-08	1.87E-08	1.63E-07	1.66E-07	2.24E-06	2.44E-06	3.1242E-05
605535.44	4201664.55	26323.18149	0.00336	0.00338	0.01794	0.01827	0.76843	0.83973	3.72E-05	2.02E-08	2.06E-08	1.75E-07	1.78E-07	2.69E-06	2.93E-06	3.7577E-05
605544.56	4201490.44	42161.93886	0.00364	0.00368	0.01752	0.01779	0.68202	0.74586	5.96E-05	2.19E-08	2.24E-08	1.71E-07	1.73E-07	2.39E-06	2.61E-06	5.9945E-05
605546.45	4201443.77	57044.04836	0.00424	0.00428	0.01949	0.0198	0.69753	0.76333	8.06E-05	2.55E-08	2.61E-08	1.90E-07	1.93E-07	2.44E-06	2.67E-06	8.1013E-05
605546.79	4201603.32	31440.83325	0.00351	0.00354	0.01826	0.01857	0.82057	0.8996	4.44E-05	2.11E-08	2.16E-08	1.78E-07	1.81E-07	2.87E-06	3.14E-06	4.4814E-05
605547.12	4201515.47	37507.90349	0.00345	0.00349	0.01711	0.01737	0.66138	0.72561	5.30E-05	2.08E-08	2.13E-08	1.67E-07	1.69E-07	2.32E-06	2.54E-06	5.3361E-05
605553.76	4201533.34	35229.05937	0.00337	0.00341	0.01706	0.01732	0.67397	0.74166	4.98E-05	2.03E-08	2.08E-08	1.67E-07	1.68E-07	2.36E-06	2.59E-06	5.0140E-05
605554.89	4201703.55	23512.9295	0.00319	0.00321	0.01754	0.01788	0.81759	0.90038	3.32E-05	1.92E-08	1.96E-08	1.71E-07	1.74E-07	2.86E-06	3.15E-06	3.3598E-05
605558.77	4201654.65	28611.23978	0.00353	0.00355	0.01887	0.01922	0.94405	1.04388	4.04E-05	2.13E-08	2.17E-08	1.84E-07	1.87E-07	3.31E-06	3.65E-06	4.0830E-05
605564.99	4201556.84	33545.26565	0.00337	0.0034	0.01734	0.01761	0.76815	0.85274	4.74E-05	2.03E-08	2.07E-08	1.69E-07	1.71E-07	2.69E-06	2.98E-06	4.7767E-05
605565.42	4201590.1	32388.39376	0.00349	0.00352	0.01816	0.01846	0.89866	0.99671	4.58E-05	2.10E-08	2.15E-08	1.77E-07	1.80E-07	3.15E-06	3.48E-06	4.6150E-05
605567.46	4201442.94	56559.94124	0.00421	0.00424	0.01945	0.01976	0.78933	0.87304	7.99E-05	2.54E-08	2.59E-08	1.90E-07	1.92E-07	2.76E-06	3.05E-06	8.0328E-05
605573.79	4201690.78	25601.63508	0.00336	0.00338	0.0184	0.01876	1.00771	1.12207	3.62E-05	2.02E-08	2.06E-08	1.80E-07	1.82E-07	3.53E-06	3.92E-06	3.6567E-05
605579.28	4201648.29	29925.53684	0.00361	0.00364	0.01938	0.01974	1.11891	1.25037	4.23E-05	2.17E-08	2.22E-08	1.89E-07	1.92E-07	3.92E-06	4.37E-06	4.2697E-05
605581.34	4201577.78	33104.09308	0.00345	0.00349	0.01801	0.01831	0.96662	1.08678	4.68E-05	2.08E-08	2.13E-08	1.76E-07	1.78E-07	3.38E-06	3.80E-06	4.7158E-05
605585.21	4201494.54	42663.93771	0.00368	0.00371	0.01804	0.01832	0.90019	1.00458	6.03E-05	2.22E-08	2.26E-08	1.76E-07	1.78E-07	3.15E-06	3.51E-06	6.0665E-05
605590.11	4201443.35	56038.5037	0.00419	0.00423	0.01952	0.01983	0.91799	1.02813	7.92E-05	2.52E-08	2.58E-08	1.91E-07	1.93E-07	3.21E-06	3.59E-06	7.9593E-05
605590.91	4201684.04	27088.41928	0.00349	0.00351	0.01912	0.01949	1.21218	1.36759	3.83E-05	2.10E-08	2.14E-08	1.87E-07	1.90E-07	4.24E-06	4.78E-06	3.8683E-05
605596.96	4201631.32	31305.07378	0.00363	0.00365	0.01944	0.01979	1.27921	1.44521	4.42E-05	2.19E-08	2.23E-08	1.90E-07	1.92E-07	4.48E-06	5.05E-06	4.4647E-05
605608.24	4201447.88	55000.27646	0.00418	0.00421	0.01966	0.01997	1.06526	1.20922	7.77E-05	2.52E-08	2.57E-08	1.92E-07	1.94E-07	3.73E-06	4.23E-06	7.8129E-05
605612.32	4201491.81	44728.97585	0.00381	0.00385	0.01877	0.01907	1.1653	1.3278	6.32E-05	2.29E-08	2.35E-08	1.83E-07	1.85E-07	4.08E-06	4.64E-06	6.3598E-05
605612.51	4201618.59	32062.38684	0.00361	0.00363	0.01932	0.01967	1.42989	1.64029	4.53E-05	2.17E-08	2.21E-08	1.89E-07	1.91E-07	5.01E-06	5.73E-06	4.5714E-05
605617.05	4201550.42	35674.14244	0.00347	0.00351	0.01814	0.01843	1.21236	1.41825	5.04E-05	2.09E-08	2.14E-08	1.77E-07	1.79E-07	4.24E-06	4.96E-06	5.0791E-05
605617.31	4201676.04	28840.1685	0.00364	0.00366	0.02003	0.02042	1.62307	1.87869	4.07E-05	2.19E-08	2.23E-08	1.96E-07	1.99E-07	5.68E-06	6.57E-06	4.1177E-05
605622.85	4201440.76	57380.65233	0.00428	0.00432	0.02013	0.02045	1.2018	1.38553	8.11E-05	2.58E-08	2.64E-08	1.97E-07	1.99E-07	4.21E-06	4.84E-06	8.1502E-05
605629.67	4201535.39	37891.16727	0.00357	0.0036	0.01846	0.01875	1.41846	1.68116	5.35E-05	2.15E-08	2.20E-08	1.80E-07	1.82E-07	4.97E-06	5.87E-06	5.3930E-05
605633.16	4201493.26	46082.15699	0.00394	0.00398	0.01949	0.01981	1.47909	1.72639	6.51E-05	2.37E-08	2.43E-08	1.90E-07	1.93E-07	5.18E-06	6.03E-06	6.5525E-05
605646.71	4201591.06	33531.66897	0.00355	0.00358	0.01907	0.0194	1.95227	2.40481	4.74E-05	2.14E-08	2.18E-08	1.86E-07	1.89E-07	6.84E-06	8.40E-06	4.7784E-05
605651.9	4201523.98	40463.15725	0.00372	0.00376	0.01912	0.01943	1.93411	2.37027	5.72E-05	2.24E-08	2.29E-08	1.87E-07	1.89E-07	6.77E-06	8.28E-06	5.7578E-05
605652.06	4201496.17	46541.21258	0.00402	0.00406	0.02002	0.02035	1.8879	2.29038	6.57E-05	2.42E-08	2.48E-08	1.96E-07	1.98E-07	6.61E-06	8.00E-06	6.6185E-05
605652.36	4201436.02	60263.97535	0.00448	0.00452	0.02116	0.0215	1.68445	2.0419	8.51E-05	2.70E-08	2.76E-08	2.07E-07	2.09E-07	5.90E-06	7.14E-06	8.5598E-05
605663.57	4201579.82	34196.28846	0.00353	0.00356	0.01906	0.01938	2.43715	3.19403	4.83E-05	2.13E-08	2.17E-08	1.86E-07	1.88E-07	8.53E-06	1.12E-05	4.8722E-05
605664.73	4201615.37	32718.46917	0.00364	0.00366	0.01985	0.0202	2.68445	3.45147	4.62E-05	2.19E-08	2.23E-08	1.94E-07	1.96E-07	9.40E-06	1.21E-05	4.6652E-05
605666.66	4201657.64	31076.01984	0.00378	0.0038	0.02091	0.02131	3.17061	4.01848	4.39E-05	2.28E-08	2.32E-08	2.04E-07	2.07E-07	1.11E-05	1.40E-05	4.4355E-05
605667.86	4201640.21	31667.82609	0.0037	0.00373	0.02042	0.02079	2.99333	3.82715	4.47E-05	2.23E-08	2.28E-08	1.99E-07	2.02E-07	1.05E-05	1.34E-05	4.5180E-05
605676.3	4201482.12	51236.94148	0.00431	0.00435	0.02132	0.02168	2.76897	3.67461	7.24E-05	2.60E-08	2.65E-08	2.08E-07	2.11E-07	9.70E-06	1.28E-05	7.2848E-05
605679.28	4201449.87	59024.11554	0.00461	0.00465	0.02219	0.02255	2.82984	3.89843	8.34E-05	2.78E-08	2.84E-08	2.17E-07	2.19E-07	9.91E-06	1.36E-05	8.3868E-05
605679.91	4201566.03	35375.72165	0.00356	0.00359	0.01919	0.01951	3.23701	4.62777	5.00E-05	2.14E-08	2.19E-08	1.87E-07	1.90E-07	1.13E-05	1.62E-05	5.0391E-05
605680.74	4201532.99	39538.38235	0.00372	0.00376	0.01949	0.01981	3.2316	4.40097	5.59E-05	2.24E-08	2.29E-08	1.90E-07	1.93E-07	1.13E-05	1.54E-05	5.6279E-05
605752.64	4201613.91	33791.04815	0.0038	0.00383	0.02139	0.02178	11.76428	8.42503	4.77E-05	2.29E-08	2.34E-08	2.09E-07	2.12E-07	4.12E-05	2.94E-05	4.8199E-05
605753.43	4201572.13	35724.80477	0.0037	0.00373	0.02058	0.02094	12.93553	8.86091	5.05E-05	2.23E-08	2.28E-08	2.01E-07	2.04E-07	4.53E-05	3.10E-05	5.0914E-05
605753.43	4201592.62	34576.35607	0.00373	0.00376	0.02088	0.02125	12.07983	8.49809	4.88E-05	2.25E-08	2.29E-08	2.04E-07	2.07E-07	4.23E-05	2.97E-05	4.9298E-05
605755.8	4201636.77	33681.50971	0.004	0.00403	0.02258	0.02301	10.56552	7.82454	4.76E-05	2.41E-08	2.46E-08	2.21E-07	2.24E-07	3.70E-05	2.73E-05	4.8071E-05
605756.59	4201550.06	38079.40676	0.00379	0.00383	0.02075	0.02111	11.53113	8.11245	5.38E-05	2.28E-08	2.34E-08	2.03E-07	2.05E-07	4.04E-05	2.83E-05	5.4244E-05
605756.59	4201659.63	32831.50422	0.00412	0.00414	0.02342	0.02387	10.35379	7.74226	4.64E-05	2.48E-08	2.53E-08	2.29E-07	2.32E-07	3.63E-05	2.71E-05	4.6888E-05
605757.37	4201681.7	31240.38165	0.0041	0.00412	0.02348	0.02394	10.47509	7.80918	4.41E-05	2.47E-08	2.51E-08	2.29E-07	2.33E-07	3.67E-05	2.73E-05	4.4641E-05
605758.95	4201524.04	42705.26602	0.00407	0.00411	0.02159	0.02196	10.36621	7.5477	6.03E-05	2.45E-08	2.51E-08	2.11E-07	2.14E-07	3.63E-05	2.64E-05	6.0798E-05
605760.53	4201505.91	46888.93953	0.00433	0.00438	0.02251	0.0229	10.14541	7.32523	6.62E-05	2.61E-08	2.67E-08	2.20E-07	2.23E-07	3.55E-05	2.56E-05	6.6729E-05
605762.1	4201482.26	52810.37874	0.00469	0.00474	0.02382	0.02422	10.4249	7.18683	7.46E-05	2.82E-08	2.89E-08	2.33E-07	2.36E-07	3.65E-05	2.51E-05	7.5124E-05
605764.55	4201731.52	27068.44128	0.00383	0.00384	0.02249	0.02295	9.20636	7.04557	3.82E-05	2.31E-08	2.34E-08	2.20E-07	2.23E-07	3.22E-05	2.46E-05	3.8725E-05
605767.62	4201463.35	56216.94921	0.00483	0.00488	0.02416	0.02456	9.30022	6.41748	7.94E-05	2.91E-08	2.98E-08	2.36E-07	2.39E-07	3.26E-05	2.24E-05	7.9944E-05
605767.9	4201752.3	25487.38377	0.00372	0.00373	0.02204	0.0225	8.3951	6.48025	3.60E-05	2.24E-08	2.28E-08	2.15E-07	2.19E-07	2.94E-05	2.26E-05	3.6482E-05
605767.9	4201771.74	24167.70502	0.00363	0.00364	0.02165	0.02211	8.25958	6.35622	3.41E-05	2.19E-08	2.22E-08	2.11E-07	2.15E-07	2.89E-05	2.22E-05	3.4609E-05
605768.57	4201808.61	22359.82687	0.00358	0.00359	0.02143	0.0219	7.95668	6.17949	3.16E-05	2.16E-08	2.19E-08	2.09E-07	2.13E-07	2.79E-05	2.16E-05	3.2051E-05
605774.72	4201432.6	59401.02817	0.00479	0.00484	0.0234	0.02377	6.19072	4.78215	8.39E-05	2.88E-08	2.95E-08	2.29E-07	2.31E-07	2.17E-05	1.67E-05	8.4426E-05
605796.06	4201826.04	22125.04905	0.00372	0.00372	0.02228	0.02279	5.03138	4.18473	3.13E-05	2.24E-08	2.27E-08	2.18E-07	2.22E-07	1.76E-05	1.46E-05	3.1738E-05
605803.82	4201672.8	32423.37718	0.00429	0.00431	0.02478	0.02528	4.36327	3.75085	4.58E-05	2.58E-08	2.63E-08	2.42E-07	2.46E-07	1.53E-05	1.31E-05	4.6340E-05
605804.38	4201419.48	58412.94599	0.0047	0.00475	0.02296	0.02329	2.56423	2.3345	8.25E-05	2.83E-08	2.90E-08	2.24E-07	2.27E-07	8.98E-06	8.16E-06	8.3021E-05
605804.49	4201580.95	38639.35771	0.00423	0.00426	0.0235	0.02394	4.16306	3.56917	5.46E-05	2.55E-08	2.60E-08	2.29E-07	2.33E-07	1.46E-05	1.25E-05	5.5095E-05
605810.53	4201617.83	36851.43121	0.00441	0.00443	0.02491	0.02539	3.85222	3.33582	5.21E-05	2.66E-08	2.70E-08	2.43E-07	2.47E-07	1.35E-05	1.17E-05	5.2599E-05
605814.67	4201508.36	48623.66931	0.00474	0.00479	0.02496	0.02539	3.50243	2.99254	6.87E-05	2.85E-08	2.92E-08	2.44E-07	2.47E-07	1.23E-05	1.05E-05	6.9233E-05
605814.67	4201534.29	44297.06811	0.0045	0.00454	0.02423	0.02466	3.57673	3.08338	6.26E-05	2.71E-08	2.77E-08	2.37E-07	2.40E-07	1.25E-05	1.08E-05	6.3104E-05
605816.17	4201744.25	25932.93576	0.00378	0.00379	0.02272	0.02319	3.94792	3.42376	3.66E-05	2.28E-08	2.31E-08	2.22E-07	2.26E-07	1.38E-05	1.20E-05	3.7125E-05
605819.2	4201487.79	51028.59536	0.00479	0.00484	0.02486	0.02527	3.27199	2.79157	7.21E-05	2.88E-08	2.95E-08	2.43E-07	2.46E-07	1.15E-05	9.76E-06	7.2629E-05
605820.86	4201722.13	27720.85429	0.00393	0.00394	0.0234	0.02388	3.80206	3.30911	3.92E-05	2.37E-08	2.40E-08	2.29E-07	2.32E-07	1.33E-05	1.16E-05	3.9666E-05
605820.86	4201768.39	23882.54294	0.00359	0.0036	0.02196	0.02241	3.5997	3.14885	3.37E-05	2.16E-08	2.20E-08	2.14E-07	2.18E-07	1.26E-05	1.10E-05	3.4212E-05
605823.31	4201467.62	52864.24674	0.00478	0.00483	0.02441	0.02479	3.01079	2.5698	7.47E-05	2.88E-08	2.95E-08	2.38E-07	2.41E-07	1.05E-05	8.98E-06	7.5212E-05
605826.19	4201439.64	55402.37357	0.00474	0.00479	0.0237	0.02405	2.49568	2.19111	7.83E-05	2.85E-08	2.92E-08	2.31E-07	2.34E-07	8.74E-06	7.66E-06	7.8783E-05
605827.96	4201666.77	33085.68307	0.0044	0.00442	0.02551	0.02602	3.27161	2.8942	4.67E-05	2.65E-08	2.70E-08	2.49E-07	2.53E-07	1.15E-05	1.01E-05	4.7292E-05
605829.3	4201579.61	40247.94168	0.00452	0.00456	0.02518	0.02565	3.05814	2.69954	5.69E-05	2.72E-08	2.78E-08	2.46E-07	2.49E-07	1.07E-05	9.43E-06	5.7404E-05
605830.25	4201806.6	22615.33999	0.00368	0.00368	0.02242	0.02291	3.30489	2.89517	3.19E-05	2.22E-08	2.24E-08	2.19E-07	2.23E-07	1.16E-05	1.01E-05	3.2432E-05
605842.32	4201838.78	22034.08109	0.00389	0.00389	0.02346	0.024	2.97206	2.62222	3.11E-05	2.34E-08	2.37E-08	2.29E-07	2.33E-07	1.04E-05	9.16E-06	3.1634E-05
605846.73	4201613.8	37964.51698	0.00468	0.00471	0.02657	0.02708	2.5719	2.31159	5.36E-05	2.82E-08	2.87E-08	2.59E-07	2.63E-07	9.01E-06	8.08E-06	5.4207E-05
605847.01	4201720.79	27601.19518	0.00393	0.00394	0.02365	0.02415	2.90104	2.58915	3.90E-05	2.37E-08	2.40E-08	2.31E-07	2.35E-07	1.02E-05	9.05E-06	3.9502E-05
605848.35	4201757.66	24417.61901	0.00364	0.00365	0.02245	0.02292	2.74626	2.46354	3.45E-05	2.19E-08	2.23E-08	2.19E-07	2.23E-07	9.62E-06	8.61E-06	3.4978E-05
605850.75	4201582.29	40589.07461	0.0047	0.00473	0.02632	0.02681	2.44691	2.20224	5.73E-05	2.83E-08	2.89E-08	2.57E-07	2.61E-07	8.57E-06	7.70E-06	5.7910E-05
605851.42	4201667.44	32819.44535	0.00441	0.00442	0.02577	0.02629	2.65332	2.38701	4.64E-05	2.66E-08	2.70E-08	2.52E-07	2.56E-07	9.29E-06	8.34E-06	4.6921E-05
605854.59	4201515.36	46944.79529	0.00478	0.00482	0.02561	0.02605	2.25375	2.0207	6.63E-05	2.88E-08	2.94E-08	2.50E-07	2.53E-07	7.89E-06	7.06E-06	6.6875E-05

605854.59	4201537.17	45028.58549	0.0048	0.00484	0.02611	0.02657	2.28515	2.05595	6.36E-05	2.89E-08	2.95E-08	2.55E-07	2.58E-07	8.00E-06	7.18E-06	6.4178E-05
605857.05	4201470.09	50115.4187	0.00466	0.00471	0.02419	0.02456	2.00573	1.7981	7.08E-05	2.81E-08	2.87E-08	2.36E-07	2.39E-07	7.02E-06	6.28E-06	7.1324E-05
605857.05	4201491.49	48526.19903	0.0047	0.00475	0.02482	0.02522	2.13375	1.91033	6.85E-05	2.83E-08	2.90E-08	2.42E-07	2.45E-07	7.47E-06	6.68E-06	6.9092E-05
605860.35	4201439.64	52768.18116	0.00465	0.0047	0.02358	0.02391	1.64677	1.50952	7.45E-05	2.80E-08	2.87E-08	2.30E-07	2.33E-07	5.77E-06	5.28E-06	7.5058E-05
605865.78	4201716.1	27835.8329	0.00397	0.00398	0.02399	0.0245	2.4601	2.22253	3.93E-05	2.39E-08	2.43E-08	2.34E-07	2.38E-07	8.61E-06	7.77E-06	3.9841E-05
605870.86	4201658.05	33609.07532	0.0045	0.00452	0.02636	0.0269	2.23819	2.03702	4.75E-05	2.71E-08	2.76E-08	2.57E-07	2.62E-07	7.84E-06	7.12E-06	4.8049E-05
605872.48	4201754.31	24640.28597	0.0037	0.00371	0.02295	0.02343	2.25384	2.04806	3.48E-05	2.23E-08	2.26E-08	2.24E-07	2.28E-07	7.89E-06	7.16E-06	3.5303E-05
605873.15	4201846.82	21978.03799	0.00403	0.00403	0.02435	0.02491	2.28207	2.04993	3.10E-05	2.43E-08	2.46E-08	2.38E-07	2.42E-07	7.99E-06	7.16E-06	3.1575E-05
605875.56	4201623.19	37468.65596	0.00482	0.00485	0.02767	0.02821	2.02202	1.85054	5.29E-05	2.90E-08	2.96E-08	2.70E-07	2.74E-07	7.08E-06	6.47E-06	5.3530E-05
605888.57	4201714.09	27850.68474	0.004	0.00401	0.02438	0.02489	2.05682	1.87886	3.93E-05	2.41E-08	2.45E-08	2.38E-07	2.42E-07	7.20E-06	6.57E-06	3.9870E-05
605889.24	4201803.25	22867.39877	0.00381	0.00381	0.02356	0.02408	1.99887	1.81975	3.23E-05	2.29E-08	2.32E-08	2.30E-07	2.34E-07	7.00E-06	6.36E-06	3.2812E-05
605889.63	4201654.7	33699.02755	0.00453	0.00455	0.02667	0.02721	1.94851	1.78789	4.76E-05	2.73E-08	2.78E-08	2.60E-07	2.65E-07	6.82E-06	6.25E-06	4.8182E-05
605892.86	4201424.83	52222.5308	0.00463	0.00468	0.02348	0.02379	1.10317	1.0466	7.38E-05	2.79E-08	2.85E-08	2.29E-07	2.31E-07	3.86E-06	3.66E-06	7.4285E-05
605893.94	4201834.09	22420.03967	0.00405	0.00405	0.02463	0.0252	1.96195	1.78018	3.17E-05	2.44E-08	2.47E-08	2.41E-07	2.45E-07	6.87E-06	6.22E-06	3.2205E-05
605895.28	4201750.29	24940.75113	0.00377	0.00378	0.02351	0.024	1.91468	1.75516	3.52E-05	2.27E-08	2.31E-08	2.30E-07	2.33E-07	6.70E-06	6.13E-06	3.5739E-05
605904.79	4201542.52	42109.07862	0.00464	0.00467	0.02586	0.0263	1.58176	1.45863	5.95E-05	2.79E-08	2.85E-08	2.53E-07	2.56E-07	5.54E-06	5.10E-06	6.0047E-05
605905.72	4201609.78	38661.56804	0.00501	0.00503	0.02872	0.02926	1.60687	1.48945	5.46E-05	3.02E-08	3.07E-08	2.80E-07	2.85E-07	5.63E-06	5.21E-06	5.5238E-05
605907.73	4201585.65	40627.22932	0.00501	0.00504	0.02845	0.02897	1.56085	1.44756	5.74E-05	3.02E-08	3.07E-08	2.78E-07	2.82E-07	5.47E-06	5.06E-06	5.8009E-05
605908.49	4201515.36	43589.15436	0.00457	0.00461	0.02511	0.02551	1.45485	1.34425	6.16E-05	2.75E-08	2.81E-08	2.45E-07	2.48E-07	5.09E-06	4.70E-06	6.2122E-05
605910.7	4201707.38	28347.30866	0.00409	0.0041	0.025	0.02554	1.75939	1.62068	4.00E-05	2.46E-08	2.50E-08	2.44E-07	2.48E-07	6.16E-06	5.66E-06	4.0585E-05
605911.09	4201656.04	33174.19948	0.00451	0.00452	0.02675	0.02729	1.69953	1.56877	4.69E-05	2.72E-08	2.76E-08	2.61E-07	2.65E-07	5.95E-06	5.48E-06	4.7442E-05
605913.84	4201470.5	45629.00648	0.00444	0.00449	0.02384	0.02416	1.17671	1.10077	6.45E-05	2.67E-08	2.74E-08	2.33E-07	2.35E-07	4.12E-06	3.85E-06	6.4976E-05
605915.08	4201442.93	48646.38943	0.00454	0.0046	0.02371	0.02402	1.03427	0.97839	6.87E-05	2.73E-08	2.81E-08	2.32E-07	2.34E-07	3.62E-06	3.42E-06	6.9237E-05
605915.39	4201747.61	25214.67495	0.00385	0.00386	0.02407	0.02459	1.68076	1.55016	3.56E-05	2.32E-08	2.35E-08	2.35E-07	2.39E-07	5.88E-06	5.42E-06	3.6139E-05
605915.9	4201491.49	44592.69342	0.0045	0.00455	0.02448	0.02484	1.2774	1.1882	6.30E-05	2.71E-08	2.78E-08	2.39E-07	2.42E-07	4.47E-06	4.15E-06	6.3526E-05
605926.78	4201793.19	22809.75625	0.00378	0.00379	0.02388	0.0244	1.51977	1.40368	3.22E-05	2.28E-08	2.31E-08	2.33E-07	2.37E-07	5.32E-06	4.91E-06	3.2737E-05
605928.13	4201818.67	22603.80056	0.004	0.004	0.02474	0.0253	1.54712	1.42283	3.19E-05	2.41E-08	2.44E-08	2.42E-07	2.46E-07	5.42E-06	4.97E-06	3.2466E-05
605933.21	4201650.01	33781.41877	0.00465	0.00466	0.02762	0.02818	1.46169	1.3603	4.77E-05	2.80E-08	2.84E-08	2.70E-07	2.74E-07	5.12E-06	4.75E-06	4.8319E-05
605933.49	4201706.71	28424.88841	0.00417	0.00418	0.0256	0.02615	1.51923	1.4092	4.02E-05	2.51E-08	2.55E-08	2.50E-07	2.54E-07	5.32E-06	4.92E-06	4.0707E-05
605935.89	4201593.02	39877.80588	0.00515	0.00517	0.02949	0.03003	1.31191	1.22774	5.63E-05	3.10E-08	3.15E-08	2.88E-07	2.92E-07	4.59E-06	4.29E-06	5.6973E-05
605941.53	4201742.91	25780.09303	0.004	0.00401	0.025	0.02554	1.44317	1.33931	3.64E-05	2.41E-08	2.45E-08	2.44E-07	2.48E-07	5.05E-06	4.68E-06	3.6957E-05
605949.23	4201544.16	41353.58168	0.00475	0.00479	0.02681	0.02726	1.18693	1.11172	5.84E-05	2.86E-08	2.92E-08	2.62E-07	2.65E-07	4.16E-06	3.89E-06	5.9000E-05
605949.58	4201844.81	22101.12218	0.00423	0.00422	0.02589	0.0265	1.35449	1.24629	3.12E-05	2.55E-08	2.57E-08	2.53E-07	2.58E-07	4.74E-06	4.36E-06	3.1781E-05
605950.05	4201518.65	42518.8196	0.00465	0.00469	0.02591	0.02631	1.11449	1.04629	6.01E-05	2.80E-08	2.86E-08	2.53E-07	2.56E-07	3.90E-06	3.66E-06	6.0626E-05
605951.7	4201477.5	44628.38885	0.00456	0.00461	0.02479	0.02513	0.9625	0.91028	6.30E-05	2.75E-08	2.81E-08	2.42E-07	2.44E-07	3.37E-06	3.18E-06	6.3583E-05
605954.66	4201647.32	34077.36964	0.00477	0.00479	0.02845	0.02902	1.28233	1.2002	4.81E-05	2.87E-08	2.92E-08	2.78E-07	2.82E-07	4.49E-06	4.19E-06	4.8755E-05
605954.99	4201496.02	43656.91888	0.00462	0.00466	0.02538	0.02575	1.01209	0.95455	6.17E-05	2.78E-08	2.84E-08	2.48E-07	2.50E-07	3.54E-06	3.34E-06	6.2223E-05
605956.28	4201701.35	29051.02213	0.00433	0.00433	0.02656	0.02712	1.32704	1.23763	4.10E-05	2.61E-08	2.64E-08	2.59E-07	2.64E-07	4.65E-06	4.33E-06	4.1612E-05
605957.05	4201448.69	48749.97682	0.00484	0.00489	0.02527	0.02561	0.86033	0.81929	6.89E-05	2.91E-08	2.98E-08	2.47E-07	2.49E-07	3.01E-06	2.86E-06	6.9418E-05
605963.66	4201742.24	26133.1845	0.00415	0.00415	0.02588	0.02645	1.27881	1.19203	3.69E-05	2.50E-08	2.53E-08	2.53E-07	2.57E-07	4.48E-06	4.17E-06	3.7475E-05
605964.05	4201596.37	39430.73464	0.00529	0.00531	0.03049	0.03103	1.12011	1.0555	5.57E-05	3.19E-08	3.24E-08	2.98E-07	3.02E-07	3.92E-06	3.69E-06	5.6363E-05
605972.76	4201645.31	34406.14637	0.00492	0.00494	0.02936	0.02994	1.15355	1.0844	4.86E-05	2.96E-08	3.01E-08	2.87E-07	2.91E-07	4.04E-06	3.79E-06	4.9239E-05
605977.73	4201697.33	29637.74513	0.0045	0.00451	0.02761	0.02819	1.1773	1.10318	4.19E-05	2.71E-08	2.75E-08	2.70E-07	2.74E-07	4.12E-06	3.86E-06	4.2464E-05
605978.4	4201840.12	22053.60357	0.00424	0.00424	0.02621	0.02683	1.14302	1.05828	3.12E-05	2.55E-08	2.59E-08	2.56E-07	2.61E-07	4.00E-06	3.70E-06	3.1721E-05
605984.21	4201435.94	51411.1476	0.00522	0.00528	0.02672	0.02709	0.72489	0.69732	7.26E-05	3.14E-08	3.22E-08	2.61E-07	2.63E-07	2.54E-06	2.44E-06	7.3210E-05
605984.44	4201737.55	26822.23682	0.00434	0.00435	0.02698	0.02758	1.14815	1.07435	3.79E-05	2.61E-08	2.65E-08	2.63E-07	2.68E-07	4.02E-06	3.75E-06	3.8473E-05
605986.17	4201587.66	39807.69003	0.00536	0.00539	0.03091	0.03145	0.99224	0.93918	5.62E-05	3.23E-08	3.29E-08	3.02E-07	3.06E-07	3.47E-06	3.28E-06	5.6904E-05
605990.47	4201806.6	22459.80681	0.00401	0.00401	0.02551	0.02609	1.06061	0.98901	3.17E-05	2.41E-08	2.45E-08	2.49E-07	2.54E-07	3.71E-06	3.46E-06	3.2278E-05
605993.15	4201787.83	23304.89866	0.00405	0.00404	0.02573	0.02631	1.06047	0.9906	3.29E-05	2.44E-08	2.46E-08	2.51E-07	2.56E-07	3.71E-06	3.46E-06	3.3476E-05
605998.91	4201636.6	35520.49057	0.00522	0.00524	0.03104	0.03162	0.98949	0.93558	5.02E-05	3.14E-08	3.20E-08	3.03E-07	3.08E-07	3.46E-06	3.27E-06	5.0849E-05
605999.86	4201691.29	30390.50341	0.00472	0.00473	0.02887	0.02947	1.04549	0.98383	4.29E-05	2.84E-08	2.89E-08	2.82E-07	2.87E-07	3.66E-06	3.44E-06	4.3555E-05
606001.9	4201540.87	41472.01187	0.00503	0.00507	0.02848	0.02894	0.88255	0.83768	5.86E-05	3.03E-08	3.09E-08	2.78E-07	2.81E-07	3.09E-06	2.93E-06	5.9203E-05
606004.78	4201518.24	42662.63509	0.00497	0.00501	0.02776	0.02819	0.83374	0.79336	6.03E-05	2.99E-08	3.06E-08	2.71E-07	2.74E-07	2.92E-06	2.77E-06	6.0870E-05
606005.22	4201734.87	27114.41297	0.00447	0.00448	0.0278	0.02841	1.03394	0.97104	3.83E-05	2.69E-08	2.73E-08	2.71E-07	2.76E-07	3.62E-06	3.39E-06	3.8903E-05
606005.3	4201499.08	44194.4335	0.00501	0.00505	0.02749	0.02791	0.79507	0.75846	6.24E-05	3.02E-08	3.08E-08	2.68E-07	2.71E-07	2.78E-06	2.65E-06	6.3029E-05
606006.95	4201591.01	39374.67429	0.00548	0.0055	0.03169	0.03224	0.89788	0.85292	5.56E-05	3.30E-08	3.36E-08	3.09E-07	3.14E-07	3.14E-06	2.98E-06	5.6309E-05
606009.49	4201477.75	46234.73931	0.00512	0.00517	0.0275	0.0279	0.73739	0.70636	6.53E-05	3.08E-08	3.15E-08	2.69E-07	2.71E-07	2.58E-06	2.47E-06	6.5912E-05
606012.6	4201448.69	49434.54623	0.00529	0.00535	0.02757	0.02796	0.66645	0.64216	6.98E-05	3.19E-08	3.26E-08	2.69E-07	2.72E-07	2.33E-06	2.24E-06	7.0436E-05
606018.35	4201631.9	35648.83628	0.0053	0.00532	0.03151	0.0321	0.89953	0.85303	5.04E-05	3.19E-08	3.25E-08	3.08E-07	3.12E-07	3.15E-06	2.98E-06	5.1041E-05
606026	4201688.61	30534.78925	0.00486	0.00487	0.02977	0.03038	0.92	0.86908	4.31E-05	2.93E-08	2.97E-08	2.91E-07	2.95E-07	3.22E-06	3.04E-06	4.3778E-05
606028.01	4201804.59	22485.42142	0.00413	0.00413	0.02649	0.0271	0.87796	0.82253	3.18E-05	2.49E-08	2.52E-08	2.59E-07	2.64E-07	3.07E-06	2.87E-06	3.2335E-05
606028.68	4201785.15	23459.34808	0.00419	0.00419	0.02678	0.02739	0.89196	0.83683	3.31E-05	2.52E-08	2.56E-08	2.62E-07	2.66E-07	3.12E-06	2.92E-06	3.3717E-05
606029.35	4201731.52	27003.7226	0.00451	0.00451	0.0282	0.02881	0.91819	0.86486	3.81E-05	2.72E-08	2.75E-08	2.75E-07	2.80E-07	3.21E-06	3.02E-06	3.8755E-05
606029.75	4201589.67	39171.59584	0.00558	0.00561	0.03233	0.03288	0.8078	0.76987	5.53E-05	3.36E-08	3.42E-08	3.16E-07	3.20E-07	2.83E-06	2.69E-06	5.6036E-05
606037.79	4201634.59	34914.1541	0.00529	0.00531	0.0316	0.03219	0.82975	0.78844	4.93E-05	3.19E-08	3.24E-08	3.09E-07	3.13E-07	2.91E-06	2.76E-06	5.0005E-05
606042.76	4201830.73	22069.583	0.00437	0.00436	0.02753	0.02819	0.81922	0.76595	3.12E-05	2.63E-08	2.66E-08	2.69E-07	2.74E-07	2.87E-06	2.68E-06	3.1771E-05
606048.12	4201685.26	30112.35429	0.00481	0.00482	0.02964	0.03023	0.83165	0.78766	4.25E-05	2.90E-08	2.94E-08	2.89E-07	2.94E-07	2.91E-06	2.75E-06	4.3178E-05
606053.21	4201593.02	38542.70798	0.00568	0.0057	0.03299	0.03355	0.73353	0.70085	5.44E-05	3.42E-08	3.48E-08	3.22E-07	3.26E-07	2.57E-06	2.45E-06	5.5162E-05
606054.16	4201725.48	27026.85872	0.00456	0.00456	0.02867	0.02928	0.81735	0.7724	3.82E-05	2.75E-08	2.78E-08	2.80E-07	2.85E-07	2.86E-06	2.70E-06	3.8797E-05
606054.96	4201471.1	46826.04093	0.00549	0.00554	0.02931	0.02974	0.59686	0.57649	6.61E-05	3.31E-08	3.38E-08	2.86E-07	2.89E-07	2.09E-06	2.01E-06	6.6788E-05
606057.41	4201447.66	49378.08762	0.00566	0.00572	0.02942	0.02984	0.55367	0.53732	6.98E-05	3.41E-08	3.49E-08	2.87E-07	2.90E-07	1.94E-06	1.88E-06	7.0397E-05
606057.76	4201494.89	45450.19554	0.0056	0.00565	0.03045	0.03091	0.62295	0.59996	6.42E-05	3.37E-08	3.45E-08	2.97E-07	3.01E-07	2.18E-06	2.10E-06	6.4868E-05
606058.46	4201539.31	42338.69859	0.00569	0.00572	0.03195	0.03247	0.67057	0.64342	5.98E-05	3.43E-08	3.49E-08	3.12E-07	3.16E-07	2.35E-06	2.25E-06	6.0504E-05
606059.25	4201628.55	35197.82847	0.00543	0.00545	0.03235	0.03293	0.75065	0.7153	4.97E-05	3.27E-08	3.32E-08	3.16E-07	3.20E-07	2.63E-06	2.50E-06	5.0422E-05
606061.96	4201516.57	43784.08618	0.00564	0.00568	0.03121	0.0317	0.63817	0.61364	6.18E-05	3.40E-08	3.46E-08	3.05E-07	3.08E-07	2.23E-06	2.14E-06	6.2530E-05
606070.25	4201675.21	30682.11279	0.00496	0.00496	0.03042	0.03101	0.75072	0.71319	4.33E-05	2.99E-08	3.03E-08	2.97E-07	3.02E-07	2.63E-06	2.49E-06	4.4000E-05
606074.67	4201584.98	39000.11292	0.00585	0.00588	0.03381	0.03437	0.66348	0.63574	5.51E-05	3.52E-08	3.59E-08	3.30E-07	3.34E-07	2.32E-06	2.22E-06	5.5826E-05
606077.62	4201831.4	21941.48096	0.00449	0.00448	0.02851	0.0292	0.69537	0.65237	3.10E-05	2.70E-08	2.73E-08	2.78E-07	2.84E-07	2.43E-06	2.28E-06	3.1611E-05
606078.96	4201722.8	27016.8209	0.00465	0.00465	0.02934	0.02995	0.73304	0.69447	3.82E-05	2.80E-08	2.84E-08	2.87E-07	2.91E-07	2.57E-06	2.43E-06	3.8797E-05
606082.04	4201624.53	35477.66732	0.00562	0.00563	0.03335	0.03394	0.67874	0.64848	5.01E-05	3.38E-08	3.43E-08	3.26E-07	3.30E-07	2.38E-06	2.27E-06	5.0839E-05
606083.3	4201427.03	51839.0352	0.00608	0.00614	0.03084	0.03127	0.47242	0.4614	7.32E-05	3.66E-08	3.75E-08	3.01E-07	3.04E-07	1.65E-06	1.61E-06	7.3906E-05
606085.67	4201779.79	23654.62596	0.00443	0.00443	0.0286	0.02924	0.69261	0.65358	3.34E-05	2.67E-08	2.70E-08	2.79E-07	2.84E-07	2.43E-06	2.28E-06	3.4031E-05
606090.36	4201797.89	22777.14013	0.00441	0.0044	0.02853	0.02919	0.6679	0.62961	3.22E-05	2.66E-08	2.68E-08	2.79E-07	2.84E-07	2.34E-06	2.20E-06	3.2790E-05
606095.72	4201675.21	30658.04014	0.00513	0.00513	0.0314	0.03199	0.67543	0.64308	4.33E-05	3.09E-08	3.13E-08	3.07E-07	3.11E-07	2.36E-06	2.25E-06	4.3987E-05
606099.47	4201581.62	39015.20099	0.00606	0.00609	0.03484	0.0354	0.5984	0.57484	5.51E-05	3.65E-08	3.71E-08	3.40E-07	3.44E-07	2.10E-06	2.01E-06	5.5870E-05
606101.76	4201726.82	26723.98922	0.00475	0.00475	0.03002	0.03063	0.6668	0.63265	3.77E-05	2.86E-08	2.90E-08	2.93E-07	2.98E-07	2.33E-06	2.21E-06	3.8398E-05
606102.82	4201623.19	35544.20421	0.00583	0.00584	0.03447	0.03507	0.6223	0.59573	5.02E-05	3.51E-08	3.56E-08	3.37E-07	3.41E-07	2.18E-06	2.08E-06	5.0957E-05
606107.43	4201441.37	49168.85192	0.00604	0.0061	0.03123	0.03167	0.45479	0.44346	6.95E-05	3.64E-08	3.72E-08	3.05E-07	3.08E-07	1.59E-06	1.55E-06	7.0141E-05
606108.13	4201514.12	42455.6412	0.00572	0.00576	0.03177	0.03226	0.53396	0.5157	6.00E-05	3.44E-08	3.51E-08	3.10E-07	3.14E-07	1.87E-06	1.80E-06	6.0665E-05
606112.33	4201491.04	43954.57859	0.00573	0.00578	0.03129	0.03176	0.5038	0.48785	6.21E-05	3.45E-08	3.53E-08	3.06E-07	3.09E-07	1.76E-06	1.70E-06	6.2773E-05
606113.03	4201537.21	41499.93559	0.00599	0.00602	0.03358	0.03412	0.54143	0.52235	5.86E-05	3.61E-08	3.67E-08	3.28E-07	3.32E-07	1.90E-06	1.83E-06	5.9354E-05
606113.38	4201469.7	45624.27139	0.00578	0.00584	0.03096	0.03142	0.47906	0.46517	6.44E-05	3.48E-08	3.56E-08	3.02E-07	3.06E-07	1.68E-06	1.63E-06	6.5126E-05
606118.24	4201586.99	38275.07575	0.00623	0.00625	0.03577	0.03633	0.56012	0.53862	5.41E-05	3.75E-08	3.81E-08	3.49E-07	3.53E-07	1.96E-06	1.88E-06	5.4845E-05
606121.87	4201679.23	30413.62269	0.00533	0.00533	0.0325	0.03312	0.61024	0.58199	4.30E-05	3.21E-08	3.25E-08	3.17E-07	3.22E-07	2.14E-06	2.03E-06	4.3666E-05
606125.89	4201728.17	26659.42926	0.0049	0.0049	0.03089	0.03151	0.60602	0.57587	3.77E-05	2.95E-08	2.99E-08	3.02E-07	3.06E-07	2.12E-06	2.01E-06	3.8326E-05
606129.64	4201621.18	35605.6541	0.00617	0.00618	0.03619	0.03679	0.55775	0.53516	5.03E-05	3.72E-08	3.77E-08	3.53E-07	3.58E-07	1.95E-06	1.87E-06	5.1082E-05
606129.91	4201828.72	21544.44252	0.00457	0.00455	0.02973	0.03044	0.55025	0.51907	3.04E-05	2.75E-08	2.78E-08	2.90E-07	2.96E-07	1.93E-06	1.81E-06	3.1075E-05
606130.58	4201805.26	22508.02512	0.00461	0.0046	0.02995	0.03064	0.56383	0.5328	3.18E-05	2.78E-08	2.81E-08	2.92E-07	2.98E-07	1.97E-06	1.86E-06	3.2441E-05
606133.93	4201786.49	23413.88867	0.00469	0.00468	0.03032	0.03099	0.56754	0.53717	3.31E-05	2.82E-08	2.85E-08	2.96E-07	3.01E-07	1.99E-06	1.88E-06	3.3728E-05
606141.04	4201589.67	37685.73704	0.00642	0.00644	0.03677	0.03734	0.51698	0.49775	5.32E-05	3.87E-08	3.93E-08	3.59E-07	3.63E-07	1.81E-06	1.74E-06	5.4034E-05
606143.99	4201858.89	21113.56163	0.00493	0.0049	0.03106	0.03184	0.51152	0.48174	2.98E-05	2.97E-08	2.99E-08	3.03E-07	3.10E-07	1.79E-06	1.68E-06	3.0497E-05
606147.07	4201623.19	35221.97357	0.00633	0.00634	0.03703	0.03763	0.52396	0.50317	4.98E-05	3.81E-08	3.87E-08	3.62E-07	3.66E-07	1.83E-06	1.76E-06	5.0558E-05
606149.35	4201736.88	26191.93074	0.00503	0.00503	0.03171	0.03234	0.55334	0.52623	3.70E-05	3.03E-08	3.07E-08	3.10E-07	3.15E-07	1.94E-06	1.84E-06	3.7683E-05
606149.76	4201533.71	40832.78267	0.00613	0.00616	0.0343	0.03484	0.47488	0.45941	5.77E-05	3.69E-08	3.76E-08	3.35E-07	3.39E-07	1.66E-06	1.61E-06	5.8428E-05
606154.05	4201702.02	28671.86769	0.00538	0.00538	0.03306	0.03369	0.54511	0.51992	4.05E-05	3.24E-08	3.28E-08	3.23E-07	3.28E-07	1.91E-06	1.82E-06	4.1217E-05
606158.5	4201482.99	43215.72236	0.0059	0.00594	0.03213	0.03261	0.42498	0.41332	6.10E-05	3.55E-08	3.62E-08	3.14E-07	3.17E-07	1.49E-06	1.44E-06	6.1748E-05
606159.41	4201679.23	30502.06964	0.0057	0.0057	0.03449	0.03514	0.52947	0.50624	4.31E-05	3.43E-08	3.48E-08	3.37E-07	3.42E-07	1.85E-06	1.77E-06	4.3834E-05
606161.65	4201457.81	45746.41174	0.00613	0.00619	0.03251	0.03298	0.39911	0.38931	6.46E-05	3.69E-08	3.78E-08	3.17E-07	3.21E-07	1.40E-06	1.36E-06	6.5333E-05
606162.49	4201601.07	36490.39887	0.00661	0.00663	0.03788	0.03847	0.4848	0.46681	5.15E-05	3.98E-08	4.04E-08	3.70E-07	3.74E-07	1.70E-06	1.63E-06	5.2370E-05
606166.11	4201859.56	20804.38479	0.00494	0.00491	0.03146	0.03225	0.46458	0.4385	2.94E-05	2.97E-08	3.00E-08	3.07E-07	3.14E-07	1.63E-06	1.53E-06	3.0068E-05
606167.94	4201503.63	41751.23869	0.00598	0.00602	0.03303	0.03355	0.4283	0.41573	5.90E-05	3.60E-08	3.67E-08	3.23E-07	3.26E-07	1.50E-06	1.45E-06	5.9698E-05
606169.34	4201536.16	40299.7637	0.00625	0.00628	0.035	0.03556	0.44671	0.43255	5.69E-05	3.76E-08	3.83E-08	3.42E-07	3.46E-07	1.56E-06	1.51E-06	5.7690E-05
606172.54	4201623.86	34817.91637	0.00655	0.00657	0.03815	0.03877	0.4793	0.46084	4.92E-05	3.94E-08	4.01E-08	3.73E-07	3.77E-07	1.68E-06	1.61E-06	5.0012E-05
606182.87	4201797.22	23346.78895	0.00514	0.00512	0.03271	0.03343	0.47228	0.44795	3.30E-05	3.09E-08	3.12E-08	3.19E-07	3.25E-07	1.65E-06	1.57E-06	3.3686E-05
606182.87	4201815.32	22397.11359	0.00504	0.00501	0.0323	0.03303	0.46134	0.43713	3.16E-05	3.03E-08	3.06E-08	3.15E-07	3.21E-07	1.62E-06	1.53E-06	3.2335E-05
606186.48	4201435.77	48309.71828	0.00671	0.00678	0.03449	0.03497	0.3523	0.34516	6.82E-05	4.04E-08	4.14E-08	3.37E-07	3.40E-07	1.23E-06	1.21E-06	6.9000E-05
606186.89	4201842.13	21059.03176	0.00491	0.00488	0.03187	0.03262	0.43551	0.41226	2.97E-05	2.96E-08	2.98E-08	3.11E-07	3.17E-07	1.52E-06	1.44E-06	3.0435E-05
606187.56	4201772.41	24485.71535	0.00524	0.00522	0.03308	0.03377	0.47367	0.45023	3.46E-05	3.16E-08	3.18E-08	3.23E-07	3.28E-07	1.66E-06	1.57E-06	3.5303E-05
606194.94	4201745.6	25952.92274	0.00544	0.00542	0.03384	0.03451	0.46864	0.44644	3.67E-05	3.28E-08	3.31E-08	3.30E-07	3.36E-07	1.64E-06	1.56E-06	3.7392E-05
606202.98	4201718.78	27754.93105	0.00578	0.00577	0.03527	0.03596	0.45859	0.43782	3.92E-05	3.48E-08	3.52E-08	3.44E-07	3.50E-07	1.61E-06	1.53E-06	3.9970E-05
606207.68	4201693.98	29471.56425	0.00609	0.00608	0.03664	0.03734	0.44889	0.4296	4.16E-05	3.67E-08	3.71E-08	3.58E-07	3.63E-07	1.57E-06	1.50E-06	4.2425E-05
606208.52	4201434.72	48179.56037	0.00698	0.00705	0.03573	0.03624	0.33074	0.3243	6.81E-05	4.20E-08	4.30E-08	3.49E-07	3.52E-07	1.16E-06	1.13E-06	6.8844E-05
606212.37	4201484.74	41820.70763	0.00617	0.00621	0.0337	0.03421	0.36252	0.35339	5.91E-05	3.72E-08	3.79E-08	3.29E-07	3.33E-07	1.27E-06	1.23E-06	5.9812E-05
606214.45	4201529.7	39444.14784	0.00638	0.00641	0.0356	0.03617	0.38559	0.37434	5.57E-05	3.84E-08	3.91E-08	3.48E-07	3.52E-07	1.35E-06	1.31E-06	5.6495E-05
606216.45	4201599.79	35730.42517	0.00707	0.00709	0.04004	0.04067	0.4064	0.39222	5.05E-05	4.26E-08	4.32E-08	3.91E-07	3.96E-07	1.42E-06	1.37E-06	5.1344E-05
606217.24	4201646.32	32866.48946	0.00675	0.00675	0.03958	0.04024	0.42134	0.40502	4.64E-05	4.06E-08	4.12E-08	3.87E-07	3.91E-07	1.48E-06	1.42E-06	4.7286E-05
606219	4201578.94	37176.34061	0.00699	0.00701	0.03936	0.03997	0.39744	0.38432	5.25E-05	4.21E-08	4.28E-08	3.84E-07	3.89E-07	1.39E-06	1.34E-06	5.3372E-05
606221.97	4201624.24	34094.97144	0.007	0.00701	0.0403	0.04094	0.40743	0.39244	4.82E-05	4.21E-08	4.28E-08	3.94E-07	3.98E-07	1.43E-06	1.37E-06	4.9038E-05
606229.86	4201440.32	47031.29334	0.00709	0.00715	0.03649	0.03702	0.31659	0.31036	6.64E-05	4.27E-08	4.36E-08	3.56E-07	3.60E-07	1.11E-06	1.08E-06	6.7238E-05
606233.34	4201488.04	41121.22549	0.00628	0.00632	0.0344	0.03493	0.34346	0.33492	5.81E-05	3.78E-08	3.86E-08	3.36E-07	3.40E-07	1.20E-06	1.17E-06	5.8839E-05
606235.77	4201525.82	39002.53466	0.00642	0.00645	0.03575	0.03633	0.36059	0.35044	5.51E-05	3.87E-08	3.93E-08	3.49E-07	3.53E-07	1.26E-06	1.22E-06	5.5874E-05
606249.57	4201574.58	36984.16808	0.00712	0.00713	0.03998	0.04061	0.3626	0.3511	5.22E-05	4.29E-08	4.35E-08	3.90E-07	3.95E-07	1.27E-06	1.23E-06	5.3115E-05
606250.49	4201437.52	47370.12219	0.00742	0.00749	0.03795	0.0385	0.29818	0.29257	6.69E-05	4.47E-08	4.57E-08	3.71E-07	3.74E-07	1.04E-06	1.02E-06	6.7749E-05
606251.94	4201658.94	31722.96966	0.00704	0.00703	0.04113	0.04184	0.37955	0.36484	4.48E-05	4.24E-08	4.29E-08	4.02E-07	4.07E-07	1.33E-06	1.27E-06	4.5705E-05
606252.92	4201711.54	28355.35879	0.0065	0.00648	0.03885	0.03961	0.38673	0.37012	4.01E-05	3.91E-08	3.95E-08	3.79E-07	3.85E-07	1.35E-06	1.29E-06	4.0897E-05
606253.2	4201487.56	40831.73997	0.00644	0.00648	0.03518	0.03573	0.32505	0.31711	5.77E-05	3.88E-08	3.95E-08	3.44E-07	3.48E-07	1.14E-06	1.11E-06	5.8447E-05
606256.67	4201638.44	32791.89426	0.00724	0.00724	0.04173	0.04242	0.36934	0.35573	4.63E-05	4.36E-08	4.42E-08	4.08E-07	4.13E-07	1.29E-06	1.24E-06	4.7229E-05
606262.4	4201524.85	38387.71301	0.00655	0.00657	0.03637	0.03696	0.33419	0.32504	5.42E-05	3.94E-08	4.01E-08	3.55E-07	3.59E-07	1.17E-06	1.14E-06	5.5020E-05
606269.15	4201720.69	27806.43264	0.00665	0.00662	0.03962	0.0404	0.36687	0.35109	3.93E-05	4.00E-08	4.04E-08	3.87E-07	3.93E-07	1.28E-06	1.23E-06	4.0139E-05
606269.29	4201609.25	34313.91327	0.00755	0.00755	0.04245	0.04312	0.3488	0.33689	4.85E-05	4.55E-08	4.61E-08	4.15E-07	4.19E-07	1.22E-06	1.18E-06	4.9396E-05
606269.72	4201778.05	24963.78156	0.00646	0.00642	0.03887	0.03968	0.35941	0.34275	3.53E-05	3.89E-08	3.92E-08	3.80E-07	3.86E-07	1.26E-06	1.20E-06	3.6107E-05
606270.87	4201576.12	36472.30184	0.00721	0.00722	0.04047	0.04114	0.34211	0.33139	5.15E-05	4.34E-08	4.40E-08	3.95E-07	4.00E-07	1.20E-06	1.16E-06	5.2403E-05
606272.88	4201439.62	46621.2992	0.00761	0.00768	0.03897	0.03955	0.28333	0.278	6.59E-05	4.58E-08	4.68E-08	3.81E-07	3.85E-07	9.92E-07	9.72E-07	6.6714E-05
606275.48	4201489.01	40357.747	0.00663	0.00666	0.03611	0.03667	0.30709	0.29972	5.70E-05	3.99E-08	4.06E-08	3.53E-07	3.57E-07	1.08E-06	1.05E-06	5.7798E-05
606276.42	4201759.93	25794.28685	0.00659	0.00655	0.03943	0.04024	0.35501	0.33903	3.64E-05	3.97E-08	4.00E-08	3.85E-07	3.91E-07	1.24E-06	1.18E-06	3.7292E-05
606279.84	4201522.43	38068.86964	0.00662	0.00664	0.03671	0.03731	0.31771	0.30922	5.38E-05	3.99E-08	4.05E-08	3.58E-07	3.63E-07	1.11E-06	1.08E-06	5.4577E-05
606289.5	4201742.98	26613.43709	0.00683	0.00678	0.04052	0.04134	0.34242	0.32754	3.76E-05	4.11E-08	4.14E-08	3.96E-07	4.02E-07	1.20E-06	1.14E-06	3.8474E-05
606291.38	4201574.55	35860.92833	0.0072	0.00721	0.04034	0.04103	0.32357	0.31366	5.07E-05	4.34E-08	4.40E-08	3.94E-07	3.99E-07	1.13E-06	1.10E-06	5.1537E-05
606292.47	4201438.92	46322.81907	0.00786	0.00792	0.0401	0.04072	0.26981	0.26483	6.54E-05	4.73E-08	4.83E-08	3.92E-07	3.96E-07	9.45E-07	9.25E-07	6.6318E-05
606293.82	4201678.82	30193.94232	0.0074	0.00737	0.04307	0.04383	0.33569	0.32263	4.27E-05	4.46E-08	4.50E-08	4.21E-07	4.26E-07	1.18E-06	1.13E-06	4.3588E-05
606297.28	4201490.95	39875.1424	0.00682	0.00685	0.03708	0.03767	0.29114	0.28426	5.63E-05	4.11E-08	4.18E-08	3.62E-07	3.66E-07	1.02E-06	9.93E-07	5.7138E-05
606298.76	4201611.71	33788.11881	0.0077	0.0077	0.04332	0.04403	0.32195	0.31115	4.77E-05	4.64E-08	4.70E-08	4.23E-07	4.28E-07	1.13E-06	1.09E-06	4.8673E-05
606300.16	4201729.9	27336.62803	0.00704	0.007	0.04152	0.04235	0.33193	0.31781	3.86E-05	4.24E-08	4.27E-08	4.05E-07	4.12E-07	1.16E-06	1.11E-06	3.9517E-05
606304.54	4201523.88	37362.2873	0.00674	0.00676	0.03736	0.03798	0.29807	0.29024	5.28E-05	4.06E-08	4.12E-08	3.65E-07	3.69E-07	1.04E-06	1.01E-06	5.3593E-05
606309.88	4201659.06	30955.37282	0.00782	0.00781	0.04472	0.04548	0.31669	0.305	4.37E-05	4.71E-08	4.76E-08	4.37E-07	4.42E-07	1.11E-06	1.07E-06	4.4701E-05
606312.67	4201570.6	35296.5598	0.0072	0.0072	0.04018	0.04088	0.30494	0.29587	4.99E-05	4.34E-08	4.39E-08	3.92E-07	3.98E-07	1.07E-06	1.03E-06	5.0736E-05
606314.81	4201788.73	24763.87673	0.00723	0.00717	0.0427	0.04361	0.30859	0.29469	3.50E-05	4.35E-08	4.37E-08	4.17E-07	4.24E-07	1.08E-06	1.03E-06	3.5909E-05
606315.23	4201638.06	31997.58472	0.00796	0.00796	0.04495	0.04571	0.30971	0.29881	4.52E-05	4.79E-08	4.86E-08	4.39E-07	4.45E-07	1.08E-06	1.04E-06	4.6179E-05
606315.55	4201437.87	46046.70286	0.00819	0.00825	0.04159	0.04225	0.25498	0.25036	6.50E-05	4.93E-08	5.03E-08	4.06E-07	4.11E-07	8.93E-07	8.75E-07	6.5961E-05
606319.56	4201491.43	39516.26561	0.00705	0.00708	0.03815	0.03876	0.27551	0.26911	5.58E-05	4.25E-08	4.32E-08	3.73E-07	3.77E-07	9.65E-07	9.40E-07	5.6655E-05
606323.91	4201523.4	36878.56843	0.00683	0.00684	0.03781	0.03844	0.28333	0.27604	5.21E-05	4.11E-08	4.17E-08	3.69E-07	3.74E-07	9.92E-07	9.65E-07	5.2920E-05
606326.76	4201698.59	28871.38289	0.00774	0.00771	0.04489	0.04571	0.30456	0.29261	4.08E-05	4.66E-08	4.70E-08	4.38E-07	4.45E-07	1.07E-06	1.02E-06	4.1760E-05
606330.59	4201761.12	25876.95032	0.00746	0.00741	0.04373	0.04463	0.29858	0.28574	3.66E-05	4.49E-08	4.52E-08	4.27E-07	4.34E-07	1.05E-06	9.99E-07	3.7504E-05
606330.81	4201577.7	34634.34971	0.00737	0.00737	0.04113	0.04186	0.29204	0.28324	4.89E-05	4.44E-08	4.50E-08	4.02E-07	4.07E-07	1.02E-06	9.90E-07	4.9822E-05
606336.02	4201492.4	39181.08504	0.00721	0.00724	0.03893	0.03957	0.26498	0.25888	5.53E-05	4.34E-08	4.42E-08	3.80E-07	3.85E-07	9.28E-07	9.05E-07	5.6199E-05
606336.54	4201438.57	45623.41448	0.00846	0.00852	0.04294	0.04363	0.24329	0.2389	6.44E-05	5.09E-08	5.20E-08	4.19E-07	4.24E-07	8.52E-07	8.35E-07	6.5393E-05
606339.11	4201680.06	29534.53439	0.00824	0.00822	0.0468	0.04761	0.29142	0.2805	4.17E-05	4.96E-08	5.01E-08	4.57E-07	4.63E-07	1.02E-06	9.80E-07	4.2740E-05
606346.36	4201775.32	25340.68925	0.00773	0.00768	0.04534	0.04629	0.28201	0.26981	3.58E-05	4.65E-08	4.68E-08	4.43E-07	4.50E-07	9.87E-07	9.43E-07	3.6782E-05
606348.13	4201523.88	36389.61629	0.00701	0.00703	0.03872	0.03937	0.26672	0.25996	5.14E-05	4.22E-08	4.29E-08	3.78E-07	3.83E-07	9.34E-07	9.08E-07	5.2249E-05
606348.58	4201660.71	30309.69297	0.00854	0.00855	0.04773	0.04853	0.28221	0.2721	4.28E-05	5.14E-08	5.22E-08	4.66E-07	4.72E-07	9.88E-07	9.51E-07	4.3856E-05
606356.48	4201437.17	45272.86962	0.00883	0.00889	0.04455	0.04527	0.23196	0.2278	6.40E-05	5.32E-08	5.42E-08	4.35E-07	4.40E-07	8.12E-07	7.96E-07	6.4934E-05
606356.84	4201575.34	33969.03347	0.00739	0.00739	0.04115	0.04189	0.27272	0.26475	4.80E-05	4.45E-08	4.51E-08	4.02E-07	4.07E-07	9.55E-07	9.25E-07	4.8883E-05
606357.23	4201635.59	31648.54533	0.00828	0.00827	0.0464	0.04722	0.27652	0.26712	4.47E-05	4.99E-08	5.04E-08	4.53E-07	4.59E-07	9.68E-07	9.33E-07	4.5719E-05
606357.41	4201787.15	24836.83137	0.00795	0.0079	0.04682	0.04777	0.27007	0.25845	3.51E-05	4.79E-08	4.82E-08	4.57E-07	4.65E-07	9.46E-07	9.03E-07	3.6102E-05
606361.21	4201490.46	39028.77628	0.00754	0.00757	0.04041	0.04109	0.24889	0.24331	5.51E-05	4.54E-08	4.62E-08	3.95E-07	4.00E-07	8.71E-07	8.50E-07	5.6017E-05
606365.08	4201531.15	35642.3554	0.00714	0.00715	0.03945	0.04012	0.25767	0.25106	5.03E-05	4.30E-08	4.36E-08	3.85E-07	3.90E-07	9.02E-07	8.77E-07	5.1210E-05
606373.59	4201720.63	27371.99551	0.00838	0.00834	0.04834	0.04926	0.26368	0.25344	3.87E-05	5.05E-08	5.09E-08	4.72E-07	4.79E-07	9.23E-07	8.86E-07	3.9717E-05
606374.98	4201580.86	33313.32802	0.00752	0.00751	0.04179	0.04256	0.26128	0.25362	4.71E-05	4.53E-08	4.58E-08	4.08E-07	4.14E-07	9.15E-07	8.86E-07	4.7971E-05
606381.66	4201440.67	44321.57991	0.00913	0.00918	0.04611	0.04688	0.22086	0.21683	6.26E-05	5.50E-08	5.60E-08	4.50E-07	4.56E-07	7.73E-07	7.58E-07	6.3625E-05
606383.49	4201491.43	38657.20956	0.00782	0.00784	0.04172	0.04244	0.23661	0.23138	5.46E-05	4.71E-08	4.78E-08	4.07E-07	4.13E-07	8.28E-07	8.09E-07	5.5521E-05
606386.35	4201698.4	28117.82628	0.00883	0.00883	0.05021	0.05112	0.25417	0.24476	3.97E-05	5.32E-08	5.39E-08	4.90E-07	4.97E-07	8.90E-07	8.55E-07	4.0813E-05
606388.41	4201737.51	26530.26512	0.00852	0.00848	0.04926	0.05022	0.25163	0.24177	3.75E-05	5.13E-08	5.17E-08	4.81E-07	4.88E-07	8.81E-07	8.45E-07	3.8548E-05
606388.82	4201528.24	35613.44222	0.00746	0.00746	0.04086	0.04158	0.24275	0.23663	5.03E-05	4.49E-08	4.55E-08	3.99E-07	4.04E-07	8.50E-07	8.27E-07	5.1200E-05
606396.28	4201577.7	32716.77651	0.00745	0.00744	0.04156	0.04232	0.24722	0.24018	4.62E-05	4.49E-08	4.54E-08	4.06E-07	4.12E-07	8.66E-07	8.39E-07	4.7123E-05
606400.2	4201441.37	43788.84143	0.00942	0.00947	0.0475	0.04831	0.21245	0.20856	6.19E-05	5.67E-08	5.78E-08	4.64E-07	4.70E-07	7.44E-07	7.29E-07	6.2903E-05
606400.76	4201753.16	25791.62924	0.00864	0.00861	0.05016	0.05117	0.24146	0.23194	3.64E-05	5.20E-08	5.25E-08	4.90E-07	4.98E-07	8.45E-07	8.11E-07	3.7525E-05
606400.88	4201682.12	28729.49994	0.00903	0.00903	0.05074	0.05167	0.24528	0.23652	4.06E-05	5.44E-08	5.51E-08	4.96E-07	5.03E-07	8.59E-07	8.27E-07	4.1690E-05
606403.83	4201491.43	38451.75349	0.00813	0.00815	0.04317	0.04393	0.22595	0.22097	5.43E-05	4.90E-08	4.97E-08	4.22E-07	4.27E-07	7.91E-07	7.72E-07	5.5263E-05
606409.52	4201629	31142.18027	0.0084	0.00836	0.04646	0.04737	0.24318	0.2353	4.40E-05	5.06E-08	5.10E-08	4.54E-07	4.61E-07	8.51E-07	8.22E-07	4.5007E-05
606409.64	4201527.76	35431.94294	0.00774	0.00774	0.04215	0.04291	0.23105	0.2253	5.01E-05	4.66E-08	4.72E-08	4.12E-07	4.17E-07	8.09E-07	7.87E-07	5.0973E-05
606411.88	4201772.51	24933.58266	0.00879	0.00875	0.05141	0.05245	0.2314	0.22223	3.52E-05	5.29E-08	5.34E-08	5.02E-07	5.10E-07	8.10E-07	7.77E-07	3.6339E-05
606415.59	4201718.16	26970.76626	0.00914	0.00913	0.05233	0.05333	0.23368	0.225	3.81E-05	5.50E-08	5.57E-08	5.11E-07	5.19E-07	8.18E-07	7.86E-07	3.9239E-05
606415.7	4201656.59	29930.81113	0.00868	0.00864	0.0482	0.04914	0.23952	0.23135	4.23E-05	5.23E-08	5.27E-08	4.71E-07	4.78E-07	8.39E-07	8.08E-07	4.3333E-05
606417.34	4201441.37	43366.75966	0.00966	0.00971	0.04868	0.04951	0.20498	0.20123	6.13E-05	5.82E-08	5.92E-08	4.75E-07	4.82E-07	7.18E-07	7.03E-07	6.2333E-05
606421.52	4201578.49	32320.40564	0.00771	0.00769	0.0428	0.0436	0.23248	0.22594	4.57E-05	4.64E-08	4.69E-08	4.18E-07	4.24E-07	8.14E-07	7.90E-07	4.6590E-05
606425.14	4201492.89	38092.22385	0.00845	0.00846	0.04467	0.04547	0.2158	0.21103	5.38E-05	5.09E-08	5.16E-08	4.36E-07	4.42E-07	7.56E-07	7.37E-07	5.4789E-05

606430	4201786.92	24224.63561	0.00911	0.00907	0.05352	0.0546	0.21774	0.20919	3.42E-05	5.49E-08	5.53E-08	5.23E-07	5.31E-07	7.62E-07	7.31E-07	3.5383E-05
606431.64	4201749.04	25611.16909	0.00924	0.00921	0.05344	0.05451	0.22141	0.21302	3.62E-05	5.56E-08	5.62E-08	5.22E-07	5.30E-07	7.75E-07	7.44E-07	3.7342E-05
606431.92	4201532.6	34870.44963	0.00801	0.00801	0.04351	0.04431	0.22036	0.21484	4.93E-05	4.82E-08	4.89E-08	4.25E-07	4.31E-07	7.72E-07	7.51E-07	5.0210E-05
606433.4	4201693.65	27988.40119	0.00911	0.00907	0.05109	0.0521	0.22648	0.21851	3.95E-05	5.49E-08	5.53E-08	4.99E-07	5.07E-07	7.93E-07	7.64E-07	4.0652E-05
606441.24	4201580.07	32140.72053	0.00806	0.00803	0.04432	0.04517	0.22195	0.21574	4.54E-05	4.85E-08	4.90E-08	4.33E-07	4.39E-07	7.77E-07	7.54E-07	4.6371E-05
606444.62	4201444.87	42421.17017	0.01007	0.01011	0.05069	0.05157	0.19467	0.19103	5.99E-05	6.06E-08	6.17E-08	4.95E-07	5.02E-07	6.82E-07	6.68E-07	6.1042E-05
606447.91	4201503.06	37001.95961	0.00868	0.00868	0.04594	0.04678	0.20732	0.2026	5.23E-05	5.23E-08	5.29E-08	4.49E-07	4.55E-07	7.26E-07	7.08E-07	5.3277E-05
606453.07	4201608.46	30767.80342	0.00837	0.00832	0.04583	0.04674	0.21801	0.21149	4.35E-05	5.04E-08	5.08E-08	4.48E-07	4.55E-07	7.63E-07	7.39E-07	4.4465E-05
606454.65	4201658.94	28934.73038	0.00881	0.00875	0.04812	0.04912	0.21821	0.21096	4.09E-05	5.30E-08	5.34E-08	4.70E-07	4.78E-07	7.64E-07	7.37E-07	4.1927E-05
606455.43	4201631.34	29714.03787	0.00847	0.00841	0.04636	0.04729	0.21781	0.21098	4.20E-05	5.10E-08	5.13E-08	4.53E-07	4.60E-07	7.63E-07	7.37E-07	4.2988E-05
606456.22	4201751.23	25301.72113	0.00961	0.00957	0.05545	0.05658	0.20721	0.19951	3.57E-05	5.79E-08	5.84E-08	5.42E-07	5.50E-07	7.26E-07	6.97E-07	3.6949E-05
606459.38	4201686.55	27986.28817	0.00916	0.0091	0.05034	0.05139	0.21428	0.20683	3.95E-05	5.52E-08	5.55E-08	4.92E-07	5.00E-07	7.50E-07	7.23E-07	4.0635E-05
606459.53	4201534.54	34547.72271	0.00849	0.00848	0.04567	0.04653	0.20728	0.20213	4.88E-05	5.11E-08	5.17E-08	4.46E-07	4.53E-07	7.26E-07	7.06E-07	4.9803E-05
606461.74	4201579.28	31945.58645	0.00835	0.00832	0.04559	0.04648	0.21143	0.20553	4.51E-05	5.03E-08	5.08E-08	4.45E-07	4.52E-07	7.40E-07	7.18E-07	4.6124E-05
606474	4201459.56	40645.33022	0.0103	0.01033	0.05236	0.05327	0.18675	0.18306	5.74E-05	6.20E-08	6.30E-08	5.11E-07	5.18E-07	6.54E-07	6.40E-07	5.8569E-05
606498.84	4201448.36	40755.35533	0.01164	0.0117	0.0564	0.05731	0.17472	0.17138	5.76E-05	7.01E-08	7.14E-08	5.51E-07	5.57E-07	6.12E-07	5.99E-07	5.8820E-05
606507.25	4201499.81	36676.87568	0.00982	0.00981	0.051	0.05195	0.18207	0.17796	5.18E-05	5.91E-08	5.98E-08	4.98E-07	5.05E-07	6.37E-07	6.22E-07	5.2931E-05
606508.65	4201695.39	26492.80815	0.00936	0.0093	0.0506	0.05171	0.19016	0.18376	3.74E-05	5.64E-08	5.67E-08	4.94E-07	5.03E-07	6.66E-07	6.42E-07	3.8533E-05
606508.93	4201744.7	25261.65204	0.00995	0.00989	0.05549	0.05671	0.18481	0.17822	3.57E-05	5.99E-08	6.03E-08	5.42E-07	5.52E-07	6.47E-07	6.23E-07	3.6898E-05
606509	4201630.66	28482.97277	0.00869	0.00861	0.04735	0.0483	0.19143	0.18568	4.02E-05	5.23E-08	5.25E-08	4.62E-07	4.70E-07	6.70E-07	6.49E-07	4.1271E-05
606510.05	4201608.27	29627.71765	0.00882	0.00875	0.04775	0.0487	0.19072	0.18521	4.19E-05	5.31E-08	5.34E-08	4.66E-07	4.74E-07	6.68E-07	6.47E-07	4.2898E-05
606510.05	4201720.93	25951.28557	0.00973	0.00968	0.05329	0.05449	0.18729	0.18071	3.67E-05	5.86E-08	5.90E-08	5.20E-07	5.30E-07	6.56E-07	6.32E-07	3.7826E-05
606511.8	4201676.15	26830.49699	0.00902	0.00895	0.04883	0.04987	0.18961	0.18344	3.79E-05	5.43E-08	5.46E-08	4.77E-07	4.85E-07	6.64E-07	6.41E-07	3.8971E-05
606512.15	4201523.95	34810.92789	0.00966	0.00963	0.05062	0.05158	0.18339	0.179	4.92E-05	5.82E-08	5.87E-08	4.94E-07	5.02E-07	6.42E-07	6.26E-07	5.0286E-05
606512.15	4201589.73	30600.4474	0.00896	0.00889	0.04819	0.04913	0.1891	0.18384	4.32E-05	5.40E-08	5.42E-08	4.71E-07	4.78E-07	6.62E-07	6.42E-07	4.4282E-05
606512.5	4201654.8	27410.68721	0.00875	0.00867	0.04771	0.04869	0.18963	0.1837	3.87E-05	5.27E-08	5.29E-08	4.66E-07	4.74E-07	6.64E-07	6.42E-07	3.9765E-05
606513.2	4201565.24	32049.65289	0.0092	0.00914	0.04898	0.04994	0.18706	0.1822	4.53E-05	5.54E-08	5.58E-08	4.78E-07	4.86E-07	6.55E-07	6.37E-07	4.6348E-05
606516.35	4201548.09	33155.17121	0.00949	0.00944	0.05005	0.05102	0.18432	0.17964	4.68E-05	5.71E-08	5.76E-08	4.89E-07	4.96E-07	6.45E-07	6.28E-07	4.7934E-05
606518.78	4201441.37	40771.60934	0.01217	0.01224	0.05821	0.05911	0.16672	0.16362	5.76E-05	7.33E-08	7.47E-08	5.68E-07	5.75E-07	5.84E-07	5.72E-07	5.8884E-05
606541.86	4201446.62	39867.46432	0.0125	0.01257	0.06004	0.06098	0.1605	0.15745	5.63E-05	7.53E-08	7.67E-08	5.86E-07	5.93E-07	5.62E-07	5.50E-07	5.7647E-05
606547.14	4201545.99	33073.65845	0.0103	0.01024	0.0534	0.05445	0.17228	0.16796	4.67E-05	6.20E-08	6.25E-08	5.21E-07	5.30E-07	6.03E-07	5.87E-07	4.7895E-05
606547.49	4201643.96	27570.93292	0.00937	0.0093	0.05025	0.05128	0.17528	0.17	3.89E-05	5.64E-08	5.67E-08	4.91E-07	4.99E-07	6.14E-07	5.94E-07	4.0049E-05
606549.59	4201682.79	25896.88429	0.0092	0.00915	0.05031	0.05138	0.17272	0.1672	3.66E-05	5.54E-08	5.58E-08	4.91E-07	5.00E-07	6.05E-07	5.84E-07	3.7683E-05
606549.94	4201527.45	34387.95703	0.01062	0.01058	0.05473	0.05581	0.16957	0.16546	4.86E-05	6.39E-08	6.45E-08	5.34E-07	5.43E-07	5.94E-07	5.78E-07	4.9781E-05
606550.58	4201746.15	24616.55128	0.01023	0.01017	0.05633	0.05766	0.16782	0.16202	3.48E-05	6.16E-08	6.20E-08	5.50E-07	5.61E-07	5.88E-07	5.66E-07	3.6007E-05
606550.64	4201703.09	25282.20224	0.00932	0.00928	0.05116	0.05228	0.1712	0.16562	3.57E-05	5.61E-08	5.66E-08	5.00E-07	5.08E-07	5.99E-07	5.79E-07	3.6834E-05
606550.64	4201723.38	24891.1243	0.00968	0.00964	0.05302	0.05422	0.16999	0.1643	3.52E-05	5.83E-08	5.88E-08	5.18E-07	5.27E-07	5.95E-07	5.74E-07	3.6323E-05
606551.69	4201619.47	28713.92284	0.00961	0.00953	0.0509	0.05193	0.17394	0.16892	4.06E-05	5.79E-08	5.81E-08	4.97E-07	5.05E-07	6.09E-07	5.90E-07	4.1679E-05
606552.74	4201663.55	26676.14548	0.00937	0.0093	0.0506	0.05166	0.17257	0.16723	3.77E-05	5.64E-08	5.67E-08	4.94E-07	5.02E-07	6.04E-07	5.84E-07	3.8792E-05
606553.44	4201490.71	36855.94595	0.01129	0.01127	0.0574	0.05847	0.16404	0.16047	5.21E-05	6.80E-08	6.87E-08	5.61E-07	5.69E-07	5.74E-07	5.61E-07	5.3328E-05
606554.49	4201509.26	35651.42009	0.01102	0.01099	0.05639	0.05747	0.16599	0.16215	5.04E-05	6.64E-08	6.70E-08	5.51E-07	5.59E-07	5.81E-07	5.67E-07	5.1603E-05
606562.5	4201446.27	39414.18752	0.0129	0.01297	0.06179	0.06276	0.15439	0.15145	5.57E-05	7.77E-08	7.91E-08	6.03E-07	6.10E-07	5.41E-07	5.29E-07	5.7046E-05
606564.63	4201574.33	31189.22403	0.01045	0.01037	0.05401	0.0551	0.16784	0.16339	4.41E-05	6.29E-08	6.33E-08	5.27E-07	5.36E-07	5.88E-07	5.71E-07	4.5247E-05
606575.48	4201609.67	29099.48147	0.0103	0.01022	0.05359	0.05469	0.1651	0.16047	4.11E-05	6.20E-08	6.23E-08	5.23E-07	5.32E-07	5.78E-07	5.61E-07	4.2285E-05
606580.34	4201444.87	39090.44365	0.01328	0.01335	0.06337	0.06438	0.14921	0.14639	5.52E-05	8.00E-08	8.14E-08	6.19E-07	6.26E-07	5.22E-07	5.12E-07	5.6625E-05
606590.52	4201574.68	31133.97409	0.01124	0.01116	0.05743	0.05862	0.15883	0.1546	4.40E-05	6.77E-08	6.81E-08	5.61E-07	5.70E-07	5.56E-07	5.40E-07	4.5246E-05
606596.82	4201614.57	28772.38336	0.01086	0.01079	0.05609	0.05727	0.15774	0.15331	4.06E-05	6.54E-08	6.58E-08	5.48E-07	5.57E-07	5.52E-07	5.36E-07	4.1879E-05
606598.88	4201448.01	38440.38227	0.01365	0.01371	0.0651	0.06617	0.14463	0.14187	5.43E-05	8.22E-08	8.36E-08	6.36E-07	6.44E-07	5.06E-07	4.96E-07	5.5745E-05
606600.26	4201679.16	25847.35739	0.0103	0.01025	0.05543	0.05662	0.15476	0.15004	3.65E-05	6.20E-08	6.25E-08	5.41E-07	5.51E-07	5.42E-07	5.24E-07	3.7728E-05
606600.47	4201735.01	24178.9504	0.01061	0.01053	0.05803	0.05938	0.15081	0.14592	3.42E-05	6.39E-08	6.42E-08	5.67E-07	5.78E-07	5.28E-07	5.10E-07	3.5427E-05
606601.43	4201696.27	25227.39732	0.01027	0.01022	0.05582	0.05704	0.15333	0.14856	3.56E-05	6.18E-08	6.23E-08	5.45E-07	5.55E-07	5.37E-07	5.19E-07	3.6860E-05
606602.4	4201753.42	23824.10081	0.01097	0.01088	0.06001	0.06146	0.14848	0.14361	3.37E-05	6.61E-08	6.64E-08	5.86E-07	5.98E-07	5.20E-07	5.02E-07	3.4970E-05
606602.68	4201659.79	26600.91988	0.01048	0.01043	0.05563	0.05681	0.15492	0.15028	3.76E-05	6.31E-08	6.36E-08	5.43E-07	5.53E-07	5.42E-07	5.25E-07	3.8798E-05
606602.79	4201495.6	35491.17045	0.01269	0.01267	0.06359	0.06477	0.14888	0.14562	5.01E-05	7.64E-08	7.73E-08	6.21E-07	6.30E-07	5.21E-07	5.09E-07	5.1539E-05
606603.37	4201715.64	24639.74706	0.01041	0.01035	0.05687	0.05815	0.15136	0.14657	3.48E-05	6.27E-08	6.31E-08	5.55E-07	5.66E-07	5.30E-07	5.12E-07	3.6052E-05
606603.82	4201511.7	34572.59617	0.01248	0.01244	0.06293	0.06413	0.15013	0.14671	4.88E-05	7.51E-08	7.59E-08	6.15E-07	6.24E-07	5.26E-07	5.13E-07	5.0226E-05
606608.37	4201529.55	33517.09658	0.01242	0.01236	0.06286	0.06411	0.15015	0.14657	4.73E-05	7.48E-08	7.54E-08	6.14E-07	6.24E-07	5.26E-07	5.12E-07	4.8733E-05
606609.77	4201546.69	32602.35777	0.01227	0.0122	0.06229	0.06357	0.15084	0.14711	4.61E-05	7.39E-08	7.44E-08	6.08E-07	6.18E-07	5.28E-07	5.14E-07	4.7428E-05
606614.31	4201618.42	28511.16212	0.01133	0.01127	0.05832	0.05958	0.15196	0.14768	4.03E-05	6.82E-08	6.87E-08	5.70E-07	5.79E-07	5.32E-07	5.16E-07	4.1560E-05
606618.46	4201447.31	38023.99706	0.01408	0.01415	0.06699	0.06811	0.13956	0.1369	5.37E-05	8.48E-08	8.63E-08	6.54E-07	6.62E-07	4.89E-07	4.78E-07	5.5199E-05
606634.55	4201446.27	37700.47009	0.01449	0.01455	0.06864	0.06982	0.13551	0.13293	5.33E-05	8.72E-08	8.88E-08	6.70E-07	6.79E-07	4.74E-07	4.65E-07	5.4780E-05
606636.58	4201680.62	25699.18298	0.01135	0.01127	0.06022	0.06157	0.14314	0.13884	3.63E-05	6.83E-08	6.87E-08	5.88E-07	5.99E-07	5.01E-07	4.85E-07	3.7626E-05
606636.61	4201495.6	34745.21554	0.01369	0.01367	0.06785	0.06911	0.13936	0.13633	4.91E-05	8.24E-08	8.34E-08	6.63E-07	6.72E-07	4.88E-07	4.76E-07	5.0581E-05
606637.41	4201622.62	28281.10068	0.012	0.01193	0.06161	0.06297	0.14468	0.14057	3.99E-05	7.23E-08	7.28E-08	6.02E-07	6.12E-07	5.07E-07	4.91E-07	4.1308E-05
606637.54	4201662.7	26404.37585	0.01151	0.01144	0.06045	0.0618	0.14372	0.13944	3.73E-05	6.93E-08	6.98E-08	5.90E-07	6.01E-07	5.03E-07	4.87E-07	3.8629E-05
606638.46	4201547.04	32053.83243	0.01314	0.01308	0.06648	0.06784	0.14216	0.1387	4.53E-05	7.91E-08	7.98E-08	6.49E-07	6.60E-07	4.98E-07	4.85E-07	4.6746E-05
606638.81	4201564.89	31187.63377	0.01301	0.01295	0.0662	0.0676	0.14278	0.13916	4.41E-05	7.83E-08	7.90E-08	6.46E-07	6.57E-07	5.00E-07	4.86E-07	4.5516E-05
606640.21	4201512.75	33754.26056	0.01357	0.01353	0.06774	0.06904	0.13962	0.13645	4.77E-05	8.17E-08	8.25E-08	6.62E-07	6.71E-07	4.89E-07	4.77E-07	4.9178E-05
606640.21	4201583.08	30325.38349	0.01289	0.01281	0.06583	0.06726	0.14293	0.13917	4.28E-05	7.76E-08	7.81E-08	6.43E-07	6.54E-07	5.00E-07	4.86E-07	4.4290E-05
606640.56	4201604.42	29260.03205	0.01249	0.01242	0.06379	0.0652	0.14351	0.13955	4.13E-05	7.52E-08	7.58E-08	6.23E-07	6.34E-07	5.02E-07	4.88E-07	4.2740E-05
606641.63	4201699.66	25009.14969	0.01148	0.01138	0.06124	0.06263	0.1405	0.13621	3.53E-05	6.91E-08	6.94E-08	5.98E-07	6.09E-07	4.92E-07	4.76E-07	3.6673E-05
606645.02	4201715.16	24493.3904	0.01162	0.01152	0.06217	0.06362	0.13842	0.13415	3.46E-05	7.00E-08	7.03E-08	6.07E-07	6.19E-07	4.85E-07	4.69E-07	3.5965E-05
606646.47	4201734.05	23922.40494	0.01178	0.01166	0.06319	0.0647	0.13656	0.13231	3.38E-05	7.09E-08	7.11E-08	6.17E-07	6.29E-07	4.78E-07	4.62E-07	3.5181E-05
606650.35	4201752.93	23449.32967	0.01208	0.01196	0.0649	0.06649	0.13387	0.12965	3.31E-05	7.27E-08	7.30E-08	6.34E-07	6.47E-07	4.69E-07	4.53E-07	3.4550E-05
606654.84	4201448.01	37085.67433	0.01502	0.01507	0.07097	0.07221	0.13088	0.12838	5.24E-05	9.04E-08	9.19E-08	6.93E-07	7.02E-07	4.58E-07	4.49E-07	5.3964E-05
606671.98	4201445.92	36777.82566	0.01554	0.01559	0.07308	0.07439	0.12681	0.1244	5.20E-05	9.36E-08	9.51E-08	7.14E-07	7.24E-07	4.44E-07	4.35E-07	5.3577E-05
606684.37	4201668.7	26012.03799	0.01316	0.01303	0.06793	0.06954	0.13003	0.12624	3.67E-05	7.92E-08	7.95E-08	6.63E-07	6.76E-07	4.55E-07	4.41E-07	3.8242E-05
606684.48	4201614.96	28272.86433	0.01398	0.01387	0.07148	0.07312	0.13074	0.12722	3.99E-05	8.42E-08	8.46E-08	6.98E-07	7.11E-07	4.58E-07	4.45E-07	4.1515E-05
606688.39	4201702.89	24724.35866	0.01311	0.01298	0.06831	0.06997	0.12722	0.12345	3.49E-05	7.89E-08	7.92E-08	6.67E-07	6.81E-07	4.45E-07	4.31E-07	3.6431E-05
606689.81	4201512.79	32700.40056	0.01528	0.01525	0.07496	0.07643	0.12702	0.12419	4.62E-05	9.20E-08	9.30E-08	7.32E-07	7.43E-07	4.45E-07	4.34E-07	4.7852E-05
606689.81	4201589.3	29237.62085	0.01437	0.01427	0.07287	0.07449	0.12923	0.12592	4.13E-05	8.65E-08	8.70E-08	7.12E-07	7.24E-07	4.52E-07	4.40E-07	4.2910E-05
606689.82	4201446.96	36246.43695	0.01611	0.01616	0.07546	0.07686	0.12298	0.12064	5.12E-05	9.70E-08	9.86E-08	7.37E-07	7.48E-07	4.31E-07	4.22E-07	5.2881E-05
606690.08	4201496.69	33494.76105	0.01551	0.0155	0.07544	0.07689	0.12612	0.1234	4.73E-05	9.34E-08	9.46E-08	7.37E-07	7.48E-07	4.42E-07	4.31E-07	4.8986E-05
606690.29	4201532.16	31764.89541	0.01492	0.01485	0.0741	0.07561	0.12773	0.12476	4.49E-05	8.98E-08	9.06E-08	7.24E-07	7.35E-07	4.47E-07	4.36E-07	4.6510E-05
606692.23	4201548.14	30989.77802	0.01481	0.01473	0.07401	0.07555	0.12775	0.1247	4.38E-05	8.92E-08	8.99E-08	7.23E-07	7.35E-07	4.47E-07	4.36E-07	4.5412E-05
606692.23	4201569.44	30044.50223	0.01461	0.01452	0.07355	0.07514	0.12826	0.12508	4.24E-05	8.80E-08	8.86E-08	7.18E-07	7.31E-07	4.49E-07	4.37E-07	4.4066E-05
606697.33	4201750.03	23113.97745	0.01314	0.01306	0.06998	0.07175	0.12172	0.11805	3.27E-05	7.91E-08	7.97E-08	6.83E-07	6.98E-07	4.26E-07	4.13E-07	3.4190E-05
606705.15	4201666.69	25984.54709	0.01404	0.0139	0.07189	0.07363	0.12461	0.12107	3.67E-05	8.45E-08	8.48E-08	7.02E-07	7.16E-07	4.36E-07	4.23E-07	3.8293E-05
606709.06	4201446.27	35760.6122	0.01684	0.01686	0.07823	0.07967	0.11885	0.1166	5.05E-05	1.01E-07	1.03E-07	7.64E-07	7.75E-07	4.16E-07	4.07E-07	5.2258E-05
606709.18	4201615.93	27859.40087	0.01482	0.01469	0.0752	0.07695	0.12442	0.12111	3.94E-05	8.92E-08	8.96E-08	7.34E-07	7.48E-07	4.36E-07	4.23E-07	4.1015E-05
606709.84	4201695.52	24817.61977	0.01388	0.01375	0.07165	0.07342	0.1222	0.11866	3.51E-05	8.36E-08	8.39E-08	7.00E-07	7.14E-07	4.28E-07	4.15E-07	3.6638E-05
606718.86	4201551.04	30357.33231	0.0157	0.01559	0.0778	0.07947	0.12155	0.11867	4.29E-05	9.45E-08	9.51E-08	7.60E-07	7.73E-07	4.26E-07	4.15E-07	4.4604E-05
606720.09	4201748.57	22906.81392	0.01349	0.01345	0.0722	0.07406	0.11642	0.113	3.24E-05	8.12E-08	8.20E-08	7.05E-07	7.20E-07	4.08E-07	3.95E-07	3.3946E-05
606720.31	4201572.83	29390.87305	0.01563	0.01551	0.07812	0.07985	0.12144	0.11846	4.15E-05	9.41E-08	9.46E-08	7.63E-07	7.77E-07	4.25E-07	4.14E-07	4.3245E-05
606723.22	4201511.82	32032.09526	0.01644	0.01639	0.07992	0.08155	0.11943	0.1168	4.52E-05	9.90E-08	1.00E-07	7.80E-07	7.93E-07	4.18E-07	4.08E-07	4.7020E-05
606724.19	4201533.13	31042.03203	0.01618	0.01609	0.07937	0.08103	0.11994	0.11719	4.38E-05	9.74E-08	9.81E-08	7.75E-07	7.88E-07	4.20E-07	4.10E-07	4.5608E-05
606725.93	4201665.35	25827.5965	0.01482	0.01468	0.07542	0.07728	0.11956	0.11622	3.65E-05	8.92E-08	8.95E-08	7.37E-07	7.52E-07	4.19E-07	4.06E-07	3.8150E-05
606728.64	4201447.31	35164.34129	0.01759	0.01761	0.0813	0.08289	0.11497	0.11279	4.97E-05	1.06E-07	1.07E-07	7.94E-07	8.06E-07	4.03E-07	3.94E-07	5.1486E-05
606730.46	4201491.23	32803.52219	0.01714	0.0171	0.08188	0.08349	0.11687	0.11441	4.63E-05	1.03E-07	1.04E-07	8.00E-07	8.12E-07	4.09E-07	4.00E-07	4.8157E-05
606733.87	4201616.9	27437.31772	0.01576	0.01561	0.07934	0.08122	0.11834	0.11531	3.88E-05	9.49E-08	9.52E-08	7.75E-07	7.90E-07	4.14E-07	4.03E-07	4.0512E-05
606739.34	4201697.53	24433.20064	0.01468	0.0146	0.07565	0.07756	0.11522	0.11195	3.45E-05	8.84E-08	8.91E-08	7.39E-07	7.54E-07	4.03E-07	3.91E-07	3.6184E-05
606745.08	4201446.96	34759.35819	0.0182	0.01819	0.08381	0.08552	0.11186	0.10974	4.91E-05	1.10E-07	1.11E-07	8.18E-07	8.32E-07	3.92E-07	3.83E-07	5.0971E-05
606748.4	4201588.33	28235.09383	0.01684	0.01671	0.08424	0.08616	0.11503	0.11218	3.99E-05	1.01E-07	1.02E-07	8.23E-07	8.38E-07	4.03E-07	3.92E-07	4.1748E-05
606749.39	4201666.02	25499.6276	0.01558	0.01546	0.07895	0.08094	0.11423	0.11106	3.60E-05	9.38E-08	9.43E-08	7.71E-07	7.87E-07	4.00E-07	3.88E-07	3.7766E-05
606749.63	4201747.12	22446.47908	0.01342	0.01347	0.07386	0.07576	0.10996	0.10683	3.17E-05	8.08E-08	8.22E-08	7.21E-07	7.37E-07	3.85E-07	3.73E-07	3.3328E-05
606760.02	4201616.9	27008.60928	0.01687	0.01672	0.08463	0.08667	0.1124	0.10953	3.82E-05	1.02E-07	1.02E-07	8.26E-07	8.43E-07	3.94E-07	3.83E-07	4.0025E-05
606763.47	4201701.55	23981.88253	0.01508	0.01506	0.07847	0.08049	0.10985	0.10677	3.39E-05	9.08E-08	9.19E-08	7.66E-07	7.83E-07	3.85E-07	3.73E-07	3.5608E-05
606764.67	4201449.41	34117.08072	0.01893	0.01891	0.08704	0.08887	0.10844	0.10638	4.82E-05	1.14E-07	1.15E-07	8.50E-07	8.64E-07	3.80E-07	3.72E-07	5.0137E-05
606772.85	4201664.68	25233.27609	0.01629	0.01621	0.0825	0.08465	0.10933	0.10635	3.56E-05	9.81E-08	9.89E-08	8.06E-07	8.23E-07	3.83E-07	3.72E-07	3.7470E-05
606773.36	4201751.96	21852.058	0.01284	0.01296	0.07486	0.07681	0.10458	0.10167	3.09E-05	7.73E-08	7.91E-08	7.31E-07	7.47E-07	3.66E-07	3.55E-07	3.2502E-05
606774.54	4201498.02	31382.11511	0.01902	0.01894	0.0899	0.09192	0.10823	0.10595	4.43E-05	1.15E-07	1.16E-07	8.78E-07	8.94E-07	3.79E-07	3.70E-07	4.6332E-05
606774.54	4201515.11	30725.21095	0.01861	0.0185	0.08917	0.09104	0.10899	0.10662	4.34E-05	1.12E-07	1.13E-07	8.71E-07	8.85E-07	3.82E-07	3.73E-07	4.5383E-05
606776.24	4201532.76	29980.77908	0.01832	0.0182	0.08844	0.09047	0.10916	0.10671	4.24E-05	1.10E-07	1.11E-07	8.64E-07	8.80E-07	3.82E-07	3.73E-07	4.4315E-05
606777.77	4201572.87	28284.26614	0.01823	0.0181	0.09019	0.09215	0.10895	0.10635	4.00E-05	1.10E-07	1.10E-07	8.81E-07	8.96E-07	3.81E-07	3.72E-07	4.1951E-05
606781.11	4201450.46	33641.92783	0.01957	0.01953	0.08984	0.09172	0.10565	0.10365	4.75E-05	1.18E-07	1.19E-07	8.77E-07	8.92E-07	3.70E-07	3.62E-07	4.9528E-05
606781.63	4201550.27	29117.54833	0.01852	0.0184	0.09031	0.09236	0.1082	0.10571	4.11E-05	1.12E-07	1.12E-07	8.82E-07	8.98E-07	3.79E-07	3.69E-07	4.3135E-05
606784.71	4201619.32	26538.87977	0.01774	0.01762	0.08868	0.0909	0.10738	0.10467	3.75E-05	1.07E-07	1.07E-07	8.66E-07	8.84E-07	3.76E-07	3.66E-07	3.9453E-05
606788.27	4201705.57	23503.88587	0.01526	0.01532	0.08129	0.08342	0.10469	0.10182	3.32E-05	9.19E-08	9.35E-08	7.94E-07	8.11E-07	3.67E-07	3.56E-07	3.4991E-05
606796.31	4201667.36	24832.75102	0.0168	0.0168	0.08589	0.08817	0.10463	0.10185	3.51E-05	1.01E-07	1.02E-07	8.39E-07	8.58E-07	3.66E-07	3.56E-07	3.6978E-05
606800	4201757.78	21322.82338	0.01253	0.01266	0.07786	0.07992	0.09896	0.09629	3.01E-05	7.54E-08	7.72E-08	7.60E-07	7.77E-07	3.46E-07	3.36E-07	3.1810E-05
606800.7	4201451.51	33079.23715	0.02041	0.02034	0.09344	0.09542	0.10243	0.10049	4.67E-05	1.23E-07	1.24E-07	9.13E-07	9.28E-07	3.59E-07	3.51E-07	4.8814E-05
606805.3	4201504.85	30338.84366	0.02039	0.02027	0.09626	0.09848	0.10278	0.10061	4.29E-05	1.23E-07	1.24E-07	9.40E-07	9.58E-07	3.60E-07	3.52E-07	4.5000E-05
606806.99	4201621.74	26115.78092	0.01843	0.01835	0.09211	0.09451	0.10315	0.10058	3.69E-05	1.11E-07	1.12E-07	9.00E-07	9.19E-07	3.61E-07	3.51E-07	3.8932E-05
606808.1	4201568.11	27890.76166	0.0196	0.01948	0.09624	0.09848	0.10322	0.10081	3.94E-05	1.18E-07	1.19E-07	9.40E-07	9.58E-07	3.61E-07	3.52E-07	4.1532E-05
606815.75	4201713.62	22866.74109	0.01522	0.01534	0.08487	0.08717	0.09914	0.09649	3.23E-05	9.16E-08	9.36E-08	8.29E-07	8.48E-07	3.47E-07	3.37E-07	3.4163E-05
606818.19	4201452.56	32565.68563	0.02123	0.02115	0.0969	0.09899	0.09966	0.09777	4.60E-05	1.28E-07	1.29E-07	9.46E-07	9.63E-07	3.49E-07	3.42E-07	4.8167E-05
606818.4	4201543.59	28574.4548	0.02051	0.0204	0.09873	0.10106	0.10124	0.09897	4.04E-05	1.23E-07	1.24E-07	9.64E-07	9.83E-07	3.54E-07	3.46E-07	4.2559E-05
606820.45	4201672.06	24358.70971	0.01715	0.01722	0.08953	0.09198	0.10004	0.09739	3.44E-05	1.03E-07	1.05E-07	8.74E-07	8.95E-07	3.50E-07	3.40E-07	3.6386E-05
606822.76	4201767.46	20826.32317	0.01251	0.01257	0.08146	0.0837	0.09432	0.09183	2.94E-05	7.53E-08	7.67E-08	7.96E-07	8.14E-07	3.30E-07	3.21E-07	3.1180E-05
606823.52	4201500.3	30097.86887	0.02134	0.02122	0.10016	0.10247	0.09957	0.0975	4.25E-05	1.28E-07	1.29E-07	9.78E-07	9.97E-07	3.49E-07	3.41E-07	4.4748E-05
606827.42	4201586.84	26908.08073	0.01998	0.01991	0.099	0.10153	0.09982	0.09746	3.80E-05	1.20E-07	1.21E-07	9.67E-07	9.87E-07	3.50E-07	3.41E-07	4.0206E-05
606829.21	4201623.71	25708.58017	0.01905	0.01903	0.09568	0.09827	0.09924	0.0968	3.63E-05	1.15E-07	1.16E-07	9.34E-07	9.56E-07	3.47E-07	3.38E-07	3.8436E-05
606836.03	4201452.56	32091.29997	0.02215	0.02204	0.1006	0.10286	0.0969	0.09506	4.53E-05	1.33E-07	1.34E-07	9.82E-07	1.00E-06	3.39E-07	3.32E-07	4.7582E-05
606838.55	4201678.09	23889.48278	0.01726	0.01738	0.09249	0.09507	0.09666	0.09415	3.37E-05	1.04E-07	1.06E-07	9.03E-07	9.25E-07	3.38E-07	3.29E-07	3.5783E-05
606839.22	4201718.98	22426.41475	0.01533	0.01546	0.08889	0.09137	0.0948	0.0923	3.17E-05	9.23E-08	9.43E-08	8.68E-07	8.89E-07	3.32E-07	3.23E-07	3.3622E-05
606840.61	4201535.61	28407.77333	0.02169	0.02159	0.10369	0.10628	0.09744	0.0953	4.01E-05	1.31E-07	1.32E-07	1.01E-06	1.03E-06	3.41E-07	3.33E-07	4.2437E-05
606848.02	4201501.43	29484.36125	0.02261	0.02249	0.10582	0.10834	0.09567	0.09369	4.16E-05	1.36E-07	1.37E-07	1.03E-06	1.05E-06	3.35E-07	3.27E-07	4.4009E-05
606848.84	4201591.3	26395.71347	0.02064	0.02062	0.10272	0.10548	0.09623	0.09397	3.73E-05	1.24E-07	1.26E-07	1.00E-06	1.03E-06	3.37E-07	3.28E-07	3.9565E-05
606849.73	4201627.88	25258.78555	0.01946	0.01951	0.09904	0.10181	0.09583	0.0935	3.57E-05	1.17E-07	1.19E-07	9.67E-07	9.90E-07	3.36E-07	3.27E-07	3.7873E-05
606852.3	4201771.34	20460.62335	0.01303	0.013	0.0869	0.08937	0.08934	0.08704	2.89E-05	7.85E-08	7.93E-08	8.49E-07	8.69E-07	3.13E-07	3.04E-07	3.0778E-05
606854.57	4201452.21	31602.59452	0.02321	0.02309	0.10489	0.10726	0.0941	0.09233	4.46E-05	1.40E-07	1.41E-07	1.02E-06	1.04E-06	3.29E-07	3.23E-07	4.6989E-05
606859.41	4201535.04	28041.14538	0.02261	0.02254	0.10807	0.11089	0.09446	0.09241	3.96E-05	1.36E-07	1.37E-07	1.06E-06	1.08E-06	3.31E-07	3.23E-07	4.2018E-05
606861.34	4201681.44	23492.36351	0.01763	0.01778	0.09735	0.10014	0.09274	0.09035	3.32E-05	1.06E-07	1.08E-07	9.51E-07	9.74E-07	3.25E-07	3.16E-07	3.5324E-05
606866.7	4201722.33	22006.91273	0.01571	0.01579	0.09424	0.09694	0.09019	0.08788	3.11E-05	9.46E-08	9.63E-08	9.20E-07	9.43E-07	3.16E-07	3.07E-07	3.3140E-05
606867.39	4201504.28	28929.8236	0.02362	0.02351	0.11068	0.1134	0.09278	0.09086	4.09E-05	1.42E-07	1.43E-07	1.08E-06	1.10E-06	3.25E-07	3.18E-07	4.3335E-05
606867.57	4201584.76	26274.56766	0.02147	0.02149	0.10694	0.10989	0.09331	0.09116	3.71E-05	1.29E-07	1.31E-07	1.04E-06	1.07E-06	3.27E-07	3.19E-07	3.9488E-05
606873.22	4201634.72	24680.62652	0.01983	0.01996	0.10371	0.1067	0.09199	0.08978	3.49E-05	1.19E-07	1.22E-07	1.01E-06	1.04E-06	3.22E-07	3.14E-07	3.7155E-05
606875.9	4201452.56	30970.93362	0.02472	0.02459	0.11081	0.11344	0.09096	0.08926	4.37E-05	1.49E-07	1.50E-07	1.08E-06	1.10E-06	3.18E-07	3.12E-07	4.6233E-05
606876.03	4201770.85	20272.90341	0.01367	0.01364	0.09188	0.09454	0.08585	0.08369	2.86E-05	8.23E-08	8.32E-08	8.97E-07	9.19E-07	3.01E-07	2.92E-07	3.0619E-05
606876.75	4201686.8	23144.7058	0.01785	0.018	0.10108	0.10402	0.09009	0.08779	3.27E-05	1.07E-07	1.10E-07	9.87E-07	1.01E-06	3.15E-07	3.07E-07	3.4910E-05
606879.35	4201540.17	27475.10609	0.02337	0.02333	0.11258	0.11551	0.09153	0.08954	3.88E-05	1.41E-07	1.42E-07	1.10E-06	1.12E-06	3.20E-07	3.13E-07	4.1316E-05
606884.47	4201502.57	28595.44391	0.0246	0.02452	0.11529	0.11818	0.09025	0.08841	4.04E-05	1.48E-07	1.50E-07	1.13E-06	1.15E-06	3.16E-07	3.09E-07	4.2966E-05
606889.49	4201720.32	21829.26365	0.01642	0.01649	0.09988	0.1028	0.08683	0.08465	3.08E-05	9.89E-08	1.01E-07	9.75E-07	1.00E-06	3.04E-07	2.96E-07	3.3010E-05
606891.36	4201599.33	25409.79354	0.02174	0.02186	0.11094	0.11416	0.08956	0.08749	3.59E-05	1.31E-07	1.33E-07	1.08E-06	1.11E-06	3.14E-07	3.06E-07	3.8351E-05
606892.25	4201637.1	24289.92793	0.02046	0.02064	0.11009	0.11336	0.08877	0.08665	3.43E-05	1.23E-07	1.26E-07	1.08E-06	1.10E-06	3.11E-07	3.03E-07	3.6738E-05
606892.34	4201453.96	30414.40102	0.02597	0.02586	0.11619	0.11897	0.08861	0.08695	4.30E-05	1.56E-07	1.58E-07	1.13E-06	1.16E-06	3.10E-07	3.04E-07	4.5568E-05
606897.31	4201583.27	25790.62322	0.02247	0.02259	0.11325	0.11652	0.08889	0.08688	3.64E-05	1.35E-07	1.38E-07	1.11E-06	1.13E-06	3.11E-07	3.04E-07	3.8943E-05
606898.2	4201691.5	22746.15549	0.01839	0.01855	0.10748	0.1107	0.08664	0.08448	3.21E-05	1.11E-07	1.13E-07	1.05E-06	1.08E-06	3.03E-07	2.95E-07	3.4481E-05
606900.73	4201772.79	20037.47523	0.01432	0.01439	0.0979	0.10078	0.08235	0.08032	2.83E-05	8.62E-08	8.78E-08	9.56E-07	9.80E-07	2.88E-07	2.81E-07	3.0415E-05
606902.13	4201544.16	26910.18408	0.02408	0.02411	0.11749	0.12066	0.08833	0.08643	3.80E-05	1.45E-07	1.47E-07	1.15E-06	1.17E-06	3.09E-07	3.02E-07	4.0626E-05
606905.55	4201522.51	27486.97593	0.02523	0.02525	0.12061	0.12391	0.08763	0.08579	3.88E-05	1.52E-07	1.54E-07	1.18E-06	1.21E-06	3.07E-07	3.00E-07	4.1516E-05
606912.96	4201504.85	27856.36798	0.02615	0.02615	0.12379	0.12704	0.08633	0.08457	3.93E-05	1.57E-07	1.60E-07	1.21E-06	1.24E-06	3.02E-07	2.96E-07	4.2111E-05
606914.38	4201456.76	29642.42993	0.02748	0.02739	0.12366	0.12672	0.0856	0.084	4.19E-05	1.65E-07	1.67E-07	1.21E-06	1.23E-06	3.00E-07	2.94E-07	4.4645E-05
606922.34	4201725.01	21273.94017	0.01687	0.01701	0.10714	0.11035	0.082	0.07999	3.01E-05	1.02E-07	1.04E-07	1.05E-06	1.07E-06	2.87E-07	2.80E-07	3.2376E-05
606923.68	4201691.5	22388.33396	0.01911	0.01933	0.11582	0.11943	0.08298	0.08096	3.16E-05	1.15E-07	1.18E-07	1.13E-06	1.16E-06	2.91E-07	2.83E-07	3.4151E-05
606925.43	4201770.37	19903.89777	0.01485	0.01508	0.10454	0.10767	0.07929	0.07737	2.81E-05	8.94E-08	9.20E-08	1.02E-06	1.05E-06	2.78E-07	2.70E-07	3.0365E-05
606932.92	4201460.96	28957.22728	0.02863	0.0286	0.13014	0.13348	0.08324	0.08168	4.09E-05	1.72E-07	1.74E-07	1.27E-06	1.30E-06	2.91E-07	2.85E-07	4.3820E-05
606935.74	4201641.22	23412.55201	0.02184	0.02215	0.12855	0.13266	0.08227	0.08036	3.31E-05	1.32E-07	1.35E-07	1.26E-06	1.29E-06	2.88E-07	2.81E-07	3.5884E-05
606940.44	4201723.67	21117.19786	0.01731	0.01755	0.11262	0.11609	0.07967	0.07775	2.98E-05	1.04E-07	1.07E-07	1.10E-06	1.13E-06	2.79E-07	2.72E-07	3.2270E-05
606941.11	4201611.06	24141.95868	0.02307	0.02338	0.12955	0.13369	0.08224	0.08038	3.41E-05	1.39E-07	1.43E-07	1.27E-06	1.30E-06	2.88E-07	2.81E-07	3.6949E-05
606942.45	4201591.62	24683.97666	0.02372	0.02401	0.12828	0.13234	0.08246	0.08063	3.49E-05	1.43E-07	1.46E-07	1.25E-06	1.29E-06	2.89E-07	2.82E-07	3.7697E-05
606947.14	4201691.5	22058.0797	0.01957	0.01988	0.12339	0.12741	0.07986	0.07793	3.12E-05	1.18E-07	1.21E-07	1.20E-06	1.24E-06	2.80E-07	2.72E-07	3.3842E-05
606947.26	4201548.33	25885.06577	0.02549	0.02572	0.12883	0.13277	0.08234	0.0806	3.66E-05	1.53E-07	1.57E-07	1.26E-06	1.29E-06	2.88E-07	2.82E-07	3.9424E-05
606948.68	4201774.24	19653.77831	0.01503	0.01541	0.11206	0.11554	0.07631	0.07449	2.78E-05	9.05E-08	9.40E-08	1.09E-06	1.12E-06	2.67E-07	2.60E-07	3.0165E-05
606951.81	4201517.55	26653.65836	0.02766	0.02786	0.13548	0.13944	0.08159	0.07993	3.77E-05	1.67E-07	1.70E-07	1.32E-06	1.36E-06	2.86E-07	2.79E-07	4.0666E-05
606952.5	4201465.5	28266.06458	0.02979	0.02984	0.13756	0.14123	0.08087	0.07934	3.99E-05	1.79E-07	1.82E-07	1.34E-06	1.37E-06	2.83E-07	2.77E-07	4.3006E-05
606957.19	4201638.54	23137.27421	0.02236	0.02273	0.13595	0.1405	0.07956	0.07774	3.27E-05	1.35E-07	1.39E-07	1.33E-06	1.37E-06	2.79E-07	2.72E-07	3.5651E-05
606965.8	4201551.48	25414.22047	0.02597	0.02629	0.13496	0.13925	0.08	0.07831	3.59E-05	1.56E-07	1.60E-07	1.32E-06	1.35E-06	2.80E-07	2.74E-07	3.8888E-05
606967.25	4201725.68	20739.67528	0.01741	0.01782	0.12065	0.12455	0.07625	0.07445	2.93E-05	1.05E-07	1.09E-07	1.18E-06	1.21E-06	2.67E-07	2.60E-07	3.1899E-05
606969.26	4201597.65	24014.11066	0.02426	0.02465	0.13912	0.14379	0.07891	0.07718	3.39E-05	1.46E-07	1.50E-07	1.36E-06	1.40E-06	2.76E-07	2.70E-07	3.6975E-05
606970	4201519.99	26217.1469	0.02805	0.02834	0.14103	0.14512	0.07947	0.07786	3.70E-05	1.69E-07	1.73E-07	1.38E-06	1.41E-06	2.78E-07	2.72E-07	4.0164E-05
606973.28	4201692.84	21656.59442	0.01986	0.02027	0.13269	0.13725	0.07654	0.07473	3.06E-05	1.20E-07	1.24E-07	1.30E-06	1.33E-06	2.68E-07	2.61E-07	3.3465E-05
606974.19	4201467.6	27634.71767	0.03111	0.03128	0.14665	0.15078	0.07833	0.07686	3.90E-05	1.87E-07	1.91E-07	1.43E-06	1.47E-06	2.74E-07	2.69E-07	4.2313E-05
606981.54	4201556.73	24946.95992	0.02619	0.0266	0.14063	0.14526	0.07805	0.07641	3.52E-05	1.58E-07	1.62E-07	1.37E-06	1.41E-06	2.73E-07	2.67E-07	3.8345E-05
606983.34	4201639.21	22699.42175	0.0228	0.02322	0.14597	0.15117	0.07635	0.07464	3.21E-05	1.37E-07	1.42E-07	1.43E-06	1.47E-06	2.67E-07	2.61E-07	3.5239E-05
606986.02	4201605.69	23494.70618	0.02433	0.02478	0.14672	0.15184	0.07673	0.07505	3.32E-05	1.47E-07	1.51E-07	1.43E-06	1.48E-06	2.69E-07	2.62E-07	3.6395E-05
606989.24	4201523.49	25711.63348	0.02847	0.02888	0.14777	0.15247	0.07724	0.07568	3.63E-05	1.71E-07	1.76E-07	1.44E-06	1.48E-06	2.70E-07	2.64E-07	3.9593E-05
606994.48	4201473.2	26916.67871	0.03202	0.03234	0.15625	0.16081	0.07602	0.07459	3.80E-05	1.93E-07	1.97E-07	1.53E-06	1.56E-06	2.66E-07	2.61E-07	4.1502E-05
606994.73	4201727.69	20344.68383	0.01722	0.0177	0.12976	0.13418	0.07297	0.07129	2.87E-05	1.04E-07	1.08E-07	1.27E-06	1.31E-06	2.55E-07	2.49E-07	3.1522E-05
606995.17	4201774.24	19251.00947	0.01507	0.01545	0.12866	0.133	0.07106	0.06944	2.72E-05	9.07E-08	9.42E-08	1.26E-06	1.29E-06	2.49E-07	2.43E-07	2.9928E-05
606999.43	4201694.18	21257.24953	0.01996	0.02044	0.14285	0.14806	0.07343	0.07174	3.00E-05	1.20E-07	1.25E-07	1.40E-06	1.44E-06	2.57E-07	2.51E-07	3.3107E-05
607000.43	4201559.18	24512.06612	0.0265	0.027	0.14717	0.15228	0.07585	0.07427	3.46E-05	1.60E-07	1.65E-07	1.44E-06	1.48E-06	2.66E-07	2.60E-07	3.7868E-05
607006.13	4201605.69	23132.04837	0.02481	0.0253	0.15648	0.1622	0.07438	0.07277	3.27E-05	1.49E-07	1.54E-07	1.53E-06	1.58E-06	2.60E-07	2.54E-07	3.6085E-05
607006.8	4201642.56	22243.26709	0.02304	0.0235	0.15618	0.16208	0.07357	0.07194	3.14E-05	1.39E-07	1.43E-07	1.53E-06	1.58E-06	2.58E-07	2.51E-07	3.4804E-05
607008.48	4201525.94	25233.71519	0.02895	0.02946	0.15601	0.1612	0.07507	0.07357	3.56E-05	1.74E-07	1.80E-07	1.52E-06	1.57E-06	2.63E-07	2.57E-07	3.9090E-05
607012.32	4201474.6	26453.41698	0.03295	0.03341	0.16568	0.1708	0.07412	0.07273	3.74E-05	1.98E-07	2.04E-07	1.62E-06	1.66E-06	2.60E-07	2.54E-07	4.1049E-05

607016.85	4201734.4	19909.35037	0.01679	0.0172	0.13781	0.14271	0.0703	0.06871	2.81E-05	1.01E-07	1.05E-07	1.35E-06	1.39E-06	2.46E-07	2.40E-07	3.1063E-05
607018.28	4201564.42	24023.24543	0.02662	0.0272	0.1551	0.16075	0.07379	0.07226	3.39E-05	1.60E-07	1.66E-07	1.51E-06	1.56E-06	2.58E-07	2.53E-07	3.7339E-05
607019.38	4201778.6	18963.8138	0.01516	0.01542	0.13973	0.1447	0.06838	0.06685	2.68E-05	9.13E-08	9.41E-08	1.36E-06	1.41E-06	2.39E-07	2.34E-07	2.9745E-05
607022.22	4201611.73	22660.04011	0.02514	0.02567	0.1689	0.17517	0.07237	0.07081	3.20E-05	1.51E-07	1.57E-07	1.65E-06	1.70E-06	2.53E-07	2.47E-07	3.5670E-05
607024.22	4201530.14	24787.89158	0.02915	0.02975	0.16334	0.16907	0.07334	0.07188	3.50E-05	1.76E-07	1.81E-07	1.60E-06	1.64E-06	2.57E-07	2.51E-07	3.8611E-05
607024.23	4201700.21	20785.38622	0.01968	0.02015	0.15255	0.15841	0.07055	0.06896	2.94E-05	1.19E-07	1.23E-07	1.49E-06	1.54E-06	2.47E-07	2.41E-07	3.2633E-05
607026.25	4202541.14	9166.97242	0.00835	0.00839	1.18461	1.42918	0.03902	0.03834	1.29E-05	5.03E-08	5.12E-08	1.16E-05	1.39E-05	1.37E-07	1.34E-07	3.8519E-05
607027.58	4201648.59	21783.95201	0.02304	0.0235	0.16542	0.17204	0.07118	0.06962	3.08E-05	1.39E-07	1.43E-07	1.62E-06	1.67E-06	2.49E-07	2.43E-07	3.4342E-05
607027.66	4202519.84	9359.41303	0.00854	0.00858	1.11494	1.37262	0.03972	0.03902	1.32E-05	5.14E-08	5.23E-08	1.09E-05	1.33E-05	1.39E-07	1.36E-07	3.7563E-05
607028.76	4201479.84	25912.33368	0.03345	0.03405	0.17529	0.18093	0.07244	0.07108	3.66E-05	2.01E-07	2.08E-07	1.71E-06	1.76E-06	2.54E-07	2.48E-07	4.0484E-05
607029.94	4202561.66	8983.86187	0.00821	0.00825	1.31202	1.62804	0.03818	0.03752	1.27E-05	4.94E-08	5.03E-08	1.28E-05	1.58E-05	1.34E-07	1.31E-07	4.1437E-05
607034.05	4202579.72	8832.25173	0.00811	0.00814	1.41626	1.83886	0.03744	0.0368	1.25E-05	4.88E-08	4.97E-08	1.38E-05	1.79E-05	1.31E-07	1.29E-07	4.4290E-05
607037.52	4201565.47	23630.0455	0.02687	0.02753	0.16412	0.17039	0.07171	0.07024	3.34E-05	1.62E-07	1.68E-07	1.60E-06	1.66E-06	2.51E-07	2.45E-07	3.6969E-05
607039.63	4202508.96	9456.11046	0.00872	0.00876	1.28314	1.68238	0.03968	0.03898	1.34E-05	5.25E-08	5.34E-08	1.25E-05	1.64E-05	1.39E-07	1.36E-07	4.2357E-05
607040.32	4201615.75	22197.25369	0.02541	0.02597	0.18359	0.19094	0.07022	0.06872	3.14E-05	1.53E-07	1.58E-07	1.79E-06	1.86E-06	2.46E-07	2.40E-07	3.5317E-05
607040.61	4202600.65	8663.95735	0.008	0.00804	1.57615	2.16727	0.03655	0.03594	1.22E-05	4.82E-08	4.90E-08	1.54E-05	2.11E-05	1.28E-07	1.26E-07	4.8806E-05
607042.07	4201533.29	24327.52552	0.02953	0.0302	0.17372	0.18005	0.07142	0.07001	3.44E-05	1.78E-07	1.84E-07	1.70E-06	1.75E-06	2.50E-07	2.45E-07	3.8174E-05
607044.32	4202654.11	8283.32748	0.0077	0.00774	1.17884	1.65085	0.03481	0.03425	1.17E-05	4.64E-08	4.72E-08	1.15E-05	1.61E-05	1.22E-07	1.20E-07	3.9362E-05
607044.34	4201706.91	20376.39771	0.01935	0.01973	0.16075	0.16718	0.06828	0.06676	2.88E-05	1.17E-07	1.20E-07	1.57E-06	1.63E-06	2.39E-07	2.33E-07	3.2216E-05
607044.34	4201729.71	19708.35675	0.01726	0.01755	0.15117	0.15692	0.06764	0.06613	2.78E-05	1.04E-07	1.07E-07	1.48E-06	1.53E-06	2.37E-07	2.31E-07	3.1053E-05
607044.57	4201783.93	18635.47364	0.01535	0.0155	0.15256	0.1583	0.06572	0.06427	2.63E-05	9.24E-08	9.46E-08	1.49E-06	1.54E-06	2.30E-07	2.25E-07	2.9540E-05
607047.25	4202491.54	9620.86109	0.00894	0.00898	1.29143	1.75739	0.04002	0.0393	1.36E-05	5.38E-08	5.48E-08	1.26E-05	1.71E-05	1.40E-07	1.37E-07	4.3402E-05
607048.02	4202674.63	8144.68863	0.00761	0.00764	0.99094	1.42595	0.03409	0.03356	1.15E-05	4.58E-08	4.66E-08	9.68E-06	1.39E-05	1.19E-07	1.17E-07	3.5143E-05
607050.37	4201654.63	21302.94256	0.02306	0.0235	0.17724	0.18477	0.06868	0.06719	3.01E-05	1.39E-07	1.43E-07	1.73E-06	1.80E-06	2.40E-07	2.35E-07	3.3902E-05
607052.12	4202692.69	8024.78635	0.00753	0.00756	0.80743	1.1978	0.03345	0.03293	1.13E-05	4.53E-08	4.61E-08	7.89E-06	1.16E-05	1.17E-07	1.15E-07	3.0962E-05
607053.24	4201471.1	25612.64482	0.03528	0.03607	0.19217	0.19873	0.06998	0.0687	3.62E-05	2.12E-07	2.20E-07	1.88E-06	1.93E-06	2.45E-07	2.40E-07	4.0422E-05
607054.99	4201488.59	25077.08157	0.03397	0.03477	0.19273	0.19948	0.06984	0.06853	3.54E-05	2.05E-07	2.12E-07	1.88E-06	1.94E-06	2.45E-07	2.39E-07	3.9662E-05
607055.01	4201570.37	23170.24096	0.02696	0.02766	0.17491	0.18193	0.06982	0.0684	3.27E-05	1.62E-07	1.69E-07	1.71E-06	1.77E-06	2.44E-07	2.39E-07	3.6538E-05
607055.96	4202475.22	9780.61127	0.00916	0.0092	1.32754	1.84232	0.04027	0.03955	1.38E-05	5.52E-08	5.61E-08	1.30E-05	1.79E-05	1.41E-07	1.38E-07	4.4809E-05
607057.74	4201619.77	21779.44889	0.02555	0.02608	0.19715	0.20532	0.06828	0.06684	3.08E-05	1.54E-07	1.59E-07	1.93E-06	2.00E-06	2.39E-07	2.34E-07	3.5000E-05
607058.69	4202713.61	7889.2247	0.00745	0.00748	0.61933	0.92444	0.03267	0.03217	1.11E-05	4.49E-08	4.56E-08	6.05E-06	8.99E-06	1.14E-07	1.12E-07	2.6274E-05
607058.84	4201453.26	26023.05064	0.03709	0.03791	0.19744	0.20418	0.06941	0.06817	3.68E-05	2.23E-07	2.31E-07	1.93E-06	1.99E-06	2.43E-07	2.38E-07	4.1128E-05
607061.31	4201537.14	23832.32234	0.02988	0.03059	0.18621	0.19337	0.06943	0.06806	3.37E-05	1.80E-07	1.87E-07	1.82E-06	1.88E-06	2.43E-07	2.38E-07	3.7731E-05
607067.8	4201707.58	20037.02578	0.01977	0.02006	0.17576	0.1833	0.06592	0.06446	2.83E-05	1.19E-07	1.22E-07	1.72E-06	1.78E-06	2.31E-07	2.25E-07	3.2044E-05
607070.72	4201786.83	18346.1944	0.01579	0.0159	0.16803	0.1748	0.0632	0.06184	2.59E-05	9.51E-08	9.70E-08	1.64E-06	1.70E-06	2.21E-07	2.16E-07	2.9448E-05
607071.8	4201574.57	22739.71299	0.02755	0.02818	0.18881	0.19677	0.06804	0.06666	3.21E-05	1.66E-07	1.72E-07	1.84E-06	1.91E-06	2.38E-07	2.33E-07	3.6217E-05
607073.16	4201742.44	19153.10517	0.01738	0.01754	0.16829	0.17519	0.06444	0.06304	2.71E-05	1.05E-07	1.07E-07	1.64E-06	1.70E-06	2.26E-07	2.20E-07	3.0614E-05
607076.51	4201655.3	20875.00325	0.02366	0.02411	0.19624	0.20527	0.06606	0.06465	2.95E-05	1.42E-07	1.47E-07	1.92E-06	2.00E-06	2.31E-07	2.26E-07	3.3690E-05
607078.53	4201622.45	21380.0178	0.02591	0.02641	0.21295	0.22243	0.0662	0.06481	3.02E-05	1.56E-07	1.61E-07	2.08E-06	2.16E-06	2.32E-07	2.26E-07	3.4761E-05
607078.8	4201540.99	23381.15748	0.03021	0.03094	0.19951	0.20759	0.06767	0.06634	3.30E-05	1.82E-07	1.89E-07	1.95E-06	2.02E-06	2.37E-07	2.32E-07	3.7366E-05
607079.65	4202427.69	10277.16172	0.0096	0.00964	1.11107	1.55236	0.04107	0.04033	1.45E-05	5.78E-08	5.88E-08	1.09E-05	1.51E-05	1.44E-07	1.41E-07	4.0582E-05
607081.85	4201948.62	15708.45732	0.01559	0.01571	0.2593	0.27479	0.0563	0.05509	2.22E-05	9.39E-08	9.58E-08	2.53E-06	2.67E-06	1.97E-07	1.93E-07	2.7584E-05
607081.85	4201998.62	15134.68762	0.01383	0.01392	0.24452	0.26162	0.05488	0.05372	2.14E-05	8.33E-08	8.49E-08	2.39E-06	2.54E-06	1.92E-07	1.88E-07	2.6479E-05
607081.85	4202048.62	14504.51533	0.01268	0.01276	0.23911	0.25636	0.05329	0.05219	2.05E-05	7.64E-08	7.78E-08	2.34E-06	2.49E-06	1.87E-07	1.82E-07	2.5471E-05
607081.85	4202098.62	13865.40632	0.01166	0.01172	0.23538	0.25116	0.0517	0.05064	1.96E-05	7.02E-08	7.15E-08	2.30E-06	2.44E-06	1.81E-07	1.77E-07	2.4469E-05
607081.85	4202148.62	13233.1815	0.01108	0.01115	0.25661	0.27388	0.04999	0.04898	1.87E-05	6.67E-08	6.80E-08	2.51E-06	2.66E-06	1.75E-07	1.71E-07	2.3997E-05
607081.85	4202198.62	12686.94269	0.01088	0.01095	0.31477	0.33806	0.04823	0.04727	1.79E-05	6.55E-08	6.68E-08	3.07E-06	3.29E-06	1.69E-07	1.65E-07	2.4415E-05
607081.85	4202248.62	12084.37317	0.01085	0.01091	0.41559	0.45098	0.04645	0.04554	1.71E-05	6.53E-08	6.66E-08	4.06E-06	4.39E-06	1.63E-07	1.59E-07	2.5647E-05
607081.85	4202298.62	11554.78826	0.01042	0.01048	0.52744	0.58547	0.04489	0.04403	1.63E-05	6.27E-08	6.39E-08	5.15E-06	5.69E-06	1.57E-07	1.54E-07	2.7294E-05
607081.85	4202348.62	11069.60453	0.00983	0.00989	0.66595	0.77575	0.04343	0.04262	1.56E-05	5.92E-08	6.03E-08	6.50E-06	7.54E-06	1.52E-07	1.49E-07	2.9804E-05
607081.85	4202398.62	10577.55425	0.00964	0.00969	0.87182	1.09768	0.04194	0.04118	1.49E-05	5.80E-08	5.91E-08	8.51E-06	1.07E-05	1.47E-07	1.44E-07	3.4248E-05
607081.85	4202448.62	10051.4465	0.00959	0.00963	1.52715	2.43834	0.04025	0.03954	1.42E-05	5.77E-08	5.87E-08	1.49E-05	2.37E-05	1.41E-07	1.38E-07	5.2943E-05
607081.85	4202498.62	9508.13327	0.00911	0.00915	3.63524	2.9109	0.03845	0.03778	1.34E-05	5.49E-08	5.58E-08	3.55E-05	2.83E-05	1.35E-07	1.32E-07	7.7353E-05
607081.85	4202548.62	9054.81032	0.00866	0.0087	2.38887	5.19998	0.03687	0.03625	1.28E-05	5.21E-08	5.31E-08	2.33E-05	5.06E-05	1.29E-07	1.27E-07	8.6798E-05
607081.85	4202598.62	8649.46015	0.00826	0.00829	3.58967	4.08429	0.03537	0.03479	1.22E-05	4.97E-08	5.06E-08	3.51E-05	3.97E-05	1.24E-07	1.22E-07	8.7097E-05
607081.85	4202648.62	8296.30369	0.00794	0.00797	4.11622	4.08095	0.03396	0.03342	1.17E-05	4.78E-08	4.86E-08	4.02E-05	3.97E-05	1.19E-07	1.17E-07	9.1704E-05
607081.85	4202698.62	7968.42964	0.00764	0.00767	1.59569	2.82675	0.03256	0.03206	1.13E-05	4.60E-08	4.68E-08	1.56E-05	2.75E-05	1.14E-07	1.12E-07	5.4424E-05
607081.85	4202748.62	7664.84944	0.00737	0.00739	0.48014	0.67828	0.03116	0.0307	1.08E-05	4.44E-08	4.51E-08	4.69E-06	6.60E-06	1.09E-07	1.07E-07	2.2202E-05
607088.6	4201577.72	22339.29397	0.0281	0.0287	0.20483	0.21384	0.06633	0.06499	3.16E-05	1.69E-07	1.75E-07	2.00E-06	2.08E-06	2.32E-07	2.27E-07	3.5980E-05
607090.34	4202416.33	10375.46428	0.00972	0.00977	1.18421	1.64053	0.04098	0.04025	1.47E-05	5.85E-08	5.96E-08	1.16E-05	1.60E-05	1.43E-07	1.41E-07	4.2294E-05
607092.51	4201790.71	18194.181	0.01685	0.01698	0.18996	0.19832	0.06117	0.05987	2.57E-05	1.01E-07	1.04E-07	1.86E-06	1.93E-06	2.14E-07	2.09E-07	2.9690E-05
607093.27	4201712.28	19603.49212	0.02009	0.02031	0.19293	0.20184	0.06339	0.06203	2.77E-05	1.21E-07	1.24E-07	1.88E-06	1.96E-06	2.22E-07	2.17E-07	3.1783E-05
607094.61	4201741.77	19024.95508	0.01834	0.0185	0.18677	0.19507	0.0625	0.06116	2.69E-05	1.10E-07	1.13E-07	1.82E-06	1.90E-06	2.19E-07	2.14E-07	3.0819E-05
607098.04	4201544.48	22907.65258	0.03078	0.0315	0.21762	0.22661	0.06578	0.0645	3.24E-05	1.85E-07	1.92E-07	2.13E-06	2.20E-06	2.30E-07	2.25E-07	3.7065E-05
607099.31	4201628.48	20937.88887	0.02621	0.02666	0.2304	0.24153	0.06418	0.06285	2.96E-05	1.58E-07	1.63E-07	2.25E-06	2.35E-06	2.25E-07	2.20E-07	3.4496E-05
607099.98	4201657.98	20453.1937	0.02422	0.02463	0.21696	0.22771	0.06378	0.06244	2.89E-05	1.46E-07	1.50E-07	2.12E-06	2.21E-06	2.23E-07	2.18E-07	3.3521E-05
607103.71	4202402.3	10493.86476	0.00988	0.00994	1.29551	1.78217	0.04085	0.04012	1.48E-05	5.95E-08	6.06E-08	1.27E-05	1.73E-05	1.43E-07	1.40E-07	4.4928E-05
607106.06	4201502.23	23623.15879	0.03484	0.03575	0.23715	0.24695	0.06503	0.06381	3.34E-05	2.10E-07	2.18E-07	2.32E-06	2.40E-06	2.28E-07	2.23E-07	3.8515E-05
607109.45	4201582.54	21823.38199	0.02889	0.02946	0.22887	0.23941	0.06424	0.06295	3.08E-05	1.74E-07	1.80E-07	2.24E-06	2.33E-06	2.25E-07	2.20E-07	3.5744E-05
607109.71	4201481.99	24031.71268	0.03677	0.03778	0.24319	0.25318	0.06471	0.06353	3.39E-05	2.21E-07	2.30E-07	2.37E-06	2.46E-06	2.27E-07	2.22E-07	3.9236E-05
607111.31	4201455.71	24709.83384	0.03953	0.04068	0.24876	0.2588	0.06463	0.06349	3.49E-05	2.38E-07	2.48E-07	2.43E-06	2.52E-06	2.26E-07	2.22E-07	4.0337E-05
607114.05	4201708.25	19383.46045	0.02107	0.02131	0.21369	0.22438	0.06155	0.06026	2.74E-05	1.27E-07	1.30E-07	2.09E-06	2.18E-06	2.16E-07	2.11E-07	3.1907E-05
607114.38	4201550.44	22449.11276	0.03112	0.0318	0.23421	0.24453	0.06421	0.06296	3.17E-05	1.87E-07	1.94E-07	2.29E-06	2.38E-06	2.25E-07	2.20E-07	3.6758E-05
607114.79	4201795.07	17903.89732	0.01821	0.01838	0.22378	0.2349	0.05907	0.05783	2.53E-05	1.10E-07	1.12E-07	2.19E-06	2.28E-06	2.07E-07	2.02E-07	2.9982E-05
607116.06	4201742.44	18781.42644	0.01939	0.01957	0.21023	0.2205	0.06058	0.0593	2.65E-05	1.17E-07	1.19E-07	2.05E-06	2.14E-06	2.12E-07	2.07E-07	3.0964E-05
607116.4	4202391.6	10575.08654	0.01005	0.01011	1.48639	2.09629	0.04062	0.0399	1.49E-05	6.05E-08	6.17E-08	1.45E-05	2.04E-05	1.42E-07	1.39E-07	4.9964E-05
607118.75	4201626.47	20671.54855	0.02697	0.02741	0.24968	0.2625	0.06248	0.06121	2.92E-05	1.62E-07	1.67E-07	2.44E-06	2.55E-06	2.19E-07	2.14E-07	3.4521E-05
607121.43	4201658.65	20095.34284	0.02509	0.02547	0.24264	0.25575	0.0618	0.06053	2.84E-05	1.51E-07	1.55E-07	2.37E-06	2.49E-06	2.16E-07	2.12E-07	3.3550E-05
607125.91	4201581.72	21538.59819	0.02974	0.03032	0.24821	0.26041	0.06275	0.06151	3.04E-05	1.79E-07	1.85E-07	2.42E-06	2.53E-06	2.20E-07	2.15E-07	3.5746E-05
607128.43	4202382.25	10641.85935	0.01022	0.01028	1.73611	2.48733	0.04037	0.03965	1.50E-05	6.15E-08	6.27E-08	1.70E-05	2.42E-05	1.41E-07	1.39E-07	5.6302E-05
607130.44	4202366.21	10792.34785	0.01033	0.01038	1.49925	2.00942	0.04072	0.03999	1.52E-05	6.22E-08	6.33E-08	1.46E-05	1.95E-05	1.43E-07	1.40E-07	4.9555E-05
607131.69	4202533.61	9117.86877	0.00909	0.00913	3.00831	2.43831	0.03563	0.03504	1.29E-05	5.47E-08	5.57E-08	2.94E-05	2.37E-05	1.25E-07	1.22E-07	6.6083E-05
607131.85	4201948.62	15423.22921	0.01603	0.01617	0.30932	0.33101	0.05294	0.05186	2.18E-05	9.65E-08	9.86E-08	3.02E-06	3.22E-06	1.85E-07	1.81E-07	2.8222E-05
607131.85	4201998.62	14824.91474	0.01451	0.01463	0.30165	0.32673	0.0515	0.05046	2.09E-05	8.74E-08	8.92E-08	2.95E-06	3.18E-06	1.80E-07	1.76E-07	2.7241E-05
607131.85	4202048.62	14224.65973	0.01348	0.01359	0.29851	0.32489	0.05006	0.04906	2.01E-05	8.12E-08	8.29E-08	2.92E-06	3.16E-06	1.75E-07	1.71E-07	2.6332E-05
607131.85	4202098.62	13638.60562	0.01262	0.01273	0.3037	0.32881	0.04857	0.04761	1.93E-05	7.60E-08	7.77E-08	2.97E-06	3.20E-06	1.70E-07	1.66E-07	2.5583E-05
607131.85	4202148.62	13062.88289	0.01201	0.01211	0.33719	0.36456	0.04702	0.0461	1.85E-05	7.23E-08	7.39E-08	3.29E-06	3.55E-06	1.65E-07	1.61E-07	2.5437E-05
607131.85	4202198.62	12468.04071	0.01192	0.01199	0.44637	0.48997	0.04532	0.04445	1.76E-05	7.18E-08	7.31E-08	4.36E-06	4.77E-06	1.59E-07	1.55E-07	2.6881E-05
607131.85	4202248.62	11865.59987	0.01183	0.01191	0.5938	0.65391	0.04367	0.04284	1.68E-05	7.12E-08	7.27E-08	5.80E-06	6.36E-06	1.53E-07	1.50E-07	2.9064E-05
607131.85	4202298.62	11427.49651	0.01099	0.01106	0.82549	0.94209	0.04245	0.04166	1.61E-05	6.62E-08	6.75E-08	8.06E-06	9.16E-06	1.49E-07	1.46E-07	3.3500E-05
607131.85	4202348.62	10960.94065	0.01034	0.01039	1.26227	1.60444	0.04114	0.0404	1.55E-05	6.23E-08	6.34E-08	1.23E-05	1.56E-05	1.44E-07	1.41E-07	4.3540E-05
607131.85	4202398.62	10459.52298	0.01026	0.01031	2.65785	4.3951	0.03972	0.03902	1.48E-05	6.18E-08	6.29E-08	2.60E-05	4.27E-05	1.39E-07	1.36E-07	8.3601E-05
607131.85	4202448.62	9910.57099	0.00996	0.01001	4.03909	4.95792	0.03809	0.03743	1.40E-05	6.00E-08	6.11E-08	3.94E-05	4.82E-05	1.33E-07	1.31E-07	1.0178E-04
607131.85	4202498.62	9416.5316	0.00941	0.00946	3.77593	2.82159	0.03658	0.03596	1.33E-05	5.67E-08	5.77E-08	3.69E-05	2.74E-05	1.28E-07	1.26E-07	7.7732E-05
607131.85	4202548.62	8992.69137	0.00895	0.009	2.80972	2.35528	0.03521	0.03464	1.27E-05	5.39E-08	5.49E-08	2.74E-05	2.29E-05	1.23E-07	1.21E-07	6.3157E-05
607131.85	4202598.62	8605.87108	0.00855	0.00859	2.90125	2.36509	0.0339	0.03336	1.22E-05	5.15E-08	5.24E-08	2.83E-05	2.30E-05	1.19E-07	1.17E-07	6.3595E-05
607131.85	4202648.62	8261.86286	0.00821	0.00824	3.99737	2.98263	0.03265	0.03215	1.17E-05	4.94E-08	5.03E-08	3.90E-05	2.90E-05	1.14E-07	1.12E-07	7.9815E-05
607131.85	4202698.62	7938.07918	0.00789	0.00792	5.09593	4.60396	0.0314	0.03093	1.12E-05	4.75E-08	4.83E-08	4.98E-05	4.48E-05	1.10E-07	1.08E-07	1.0585E-04
607131.85	4202748.62	7636.51339	0.0076	0.00762	1.01927	1.4167	0.03014	0.02971	1.08E-05	4.58E-08	4.65E-08	9.95E-06	1.38E-05	1.06E-07	1.04E-07	3.4612E-05
607134.16	4201710.27	19062.32293	0.02187	0.02214	0.23832	0.25128	0.05971	0.05848	2.69E-05	1.32E-07	1.35E-07	2.33E-06	2.44E-06	2.09E-07	2.04E-07	3.1965E-05
607134.55	4201552.91	21985.64266	0.03212	0.0328	0.26128	0.27387	0.06233	0.06113	3.11E-05	1.93E-07	2.00E-07	2.55E-06	2.66E-06	2.18E-07	2.14E-07	3.6665E-05
607135.38	4202554.13	8942.68565	0.00893	0.00897	2.60146	2.20941	0.03495	0.03438	1.26E-05	5.38E-08	5.47E-08	2.54E-05	2.15E-05	1.22E-07	1.20E-07	5.9634E-05
607137.51	4201741.77	18497.86972	0.02062	0.02086	0.24155	0.2546	0.05866	0.05745	2.61E-05	1.24E-07	1.27E-07	2.36E-06	2.48E-06	2.05E-07	2.01E-07	3.1216E-05
607138.86	4201627.81	20329.87594	0.02768	0.02811	0.27348	0.2885	0.06073	0.0595	2.87E-05	1.67E-07	1.71E-07	2.67E-06	2.81E-06	2.13E-07	2.08E-07	3.4532E-05
607139.48	4202572.19	8792.38154	0.00879	0.00883	2.39128	2.04657	0.03434	0.03379	1.24E-05	5.29E-08	5.39E-08	2.34E-05	1.99E-05	1.20E-07	1.18E-07	5.5784E-05
607139.67	4201507.22	22776.998	0.03592	0.03676	0.27745	0.2902	0.06199	0.06085	3.22E-05	2.16E-07	2.24E-07	2.71E-06	2.82E-06	2.17E-07	2.13E-07	3.8147E-05
607140.46	4201489.08	23196.36964	0.03765	0.0386	0.28166	0.29459	0.06204	0.06091	3.28E-05	2.27E-07	2.35E-07	2.75E-06	2.87E-06	2.17E-07	2.13E-07	3.8844E-05
607140.94	4201796.52	17502.53064	0.02017	0.02041	0.28164	0.29807	0.05673	0.05556	2.47E-05	1.21E-07	1.25E-07	2.75E-06	2.90E-06	1.99E-07	1.94E-07	3.0619E-05
607142.23	4202652.61	8227.41048	0.00824	0.00828	3.16766	2.47528	0.03229	0.0318	1.16E-05	4.96E-08	5.05E-08	3.09E-05	2.41E-05	1.13E-07	1.11E-07	6.6730E-05
607143.61	4201470.95	23588.02499	0.03972	0.04078	0.29049	0.30379	0.06187	0.06077	3.33E-05	2.39E-07	2.49E-07	2.84E-06	2.95E-06	2.17E-07	2.12E-07	3.9599E-05
607145.14	4202352.84	10894.3022	0.01042	0.01047	1.67849	2.25552	0.04046	0.03974	1.54E-05	6.27E-08	6.39E-08	1.64E-05	2.19E-05	1.42E-07	1.39E-07	5.3844E-05
607145.92	4202673.12	8091.35751	0.00813	0.00816	3.41325	2.58245	0.0317	0.03122	1.14E-05	4.90E-08	4.98E-08	3.33E-05	2.51E-05	1.11E-07	1.09E-07	6.9977E-05
607146.05	4202593.12	8631.20642	0.00867	0.00871	2.21697	1.89348	0.03363	0.0331	1.22E-05	5.22E-08	5.31E-08	2.17E-05	1.84E-05	1.18E-07	1.16E-07	5.2363E-05
607146.9	4201656.64	19711.30688	0.02638	0.02679	0.28165	0.2982	0.05959	0.05838	2.78E-05	1.59E-07	1.63E-07	2.75E-06	2.90E-06	2.09E-07	2.04E-07	3.3817E-05
607147.72	4201580.48	21167.63095	0.03083	0.03141	0.27798	0.29256	0.06086	0.05967	2.99E-05	1.86E-07	1.92E-07	2.71E-06	2.85E-06	2.13E-07	2.09E-07	3.5838E-05
607150.03	4202691.18	7973.69477	0.00804	0.00807	3.44885	2.54534	0.03117	0.0307	1.13E-05	4.84E-08	4.92E-08	3.37E-05	2.48E-05	1.09E-07	1.07E-07	6.9797E-05
607150.7	4201452.03	23931.58329	0.04236	0.04357	0.30745	0.3219	0.06137	0.06031	3.38E-05	2.55E-07	2.66E-07	3.00E-06	3.13E-06	2.15E-07	2.11E-07	4.0459E-05
607155.17	4202340.14	10996.50325	0.01057	0.01063	1.70964	2.26315	0.04037	0.03965	1.55E-05	6.36E-08	6.48E-08	1.67E-05	2.20E-05	1.41E-07	1.39E-07	5.4368E-05
607156.28	4201627.14	20072.48398	0.02845	0.0289	0.29735	0.3147	0.0593	0.05812	2.84E-05	1.71E-07	1.76E-07	2.90E-06	3.06E-06	2.08E-07	2.03E-07	3.4666E-05
607156.59	4202712.11	7838.18876	0.00794	0.00797	2.48424	2.05004	0.03051	0.03007	1.11E-05	4.78E-08	4.86E-08	2.43E-05	1.99E-05	1.07E-07	1.05E-07	5.5367E-05
607161.65	4201706.91	18720.80603	0.02364	0.024	0.28308	0.30061	0.05751	0.05634	2.64E-05	1.42E-07	1.46E-07	2.76E-06	2.92E-06	2.01E-07	1.97E-07	3.2421E-05
607164.33	4201744.45	18072.72166	0.0223	0.02264	0.29453	0.3129	0.05639	0.05524	2.55E-05	1.34E-07	1.38E-07	2.88E-06	3.04E-06	1.97E-07	1.93E-07	3.1721E-05
607165.83	4201576.78	20923.39824	0.03203	0.03263	0.30634	0.32345	0.0594	0.05826	2.96E-05	1.93E-07	1.99E-07	2.99E-06	3.15E-06	2.08E-07	2.04E-07	3.6085E-05
607167.09	4201791.19	17205.93326	0.0216	0.02187	0.34837	0.37205	0.05472	0.0536	2.43E-05	1.30E-07	1.33E-07	3.40E-06	3.62E-06	1.92E-07	1.87E-07	3.1589E-05
607167.2	4202333.46	11032.48775	0.01074	0.0108	1.98635	2.67215	0.04003	0.03932	1.56E-05	6.47E-08	6.59E-08	1.94E-05	2.60E-05	1.40E-07	1.37E-07	6.1101E-05
607171.03	4201655.3	19363.55252	0.02753	0.02797	0.32176	0.3428	0.05764	0.05649	2.74E-05	1.66E-07	1.71E-07	3.14E-06	3.33E-06	2.02E-07	1.97E-07	3.4165E-05
607173.88	4202318.09	11160.73361	0.01093	0.01099	1.78405	2.31376	0.04013	0.03942	1.58E-05	6.58E-08	6.70E-08	1.74E-05	2.25E-05	1.41E-07	1.38E-07	5.5824E-05
607177.06	4201627.81	19744.41145	0.02936	0.02985	0.33132	0.35227	0.05764	0.0565	2.79E-05	1.77E-07	1.82E-07	3.24E-06	3.43E-06	2.02E-07	1.97E-07	3.4911E-05
607181.85	4201948.62	15088.30375	0.01668	0.01684	0.38495	0.41602	0.04981	0.04883	2.13E-05	1.00E-07	1.03E-07	3.76E-06	4.05E-06	1.74E-07	1.71E-07	2.9322E-05
607181.85	4201998.62	14495.80918	0.0154	0.01554	0.39793	0.43835	0.04844	0.04749	2.05E-05	9.27E-08	9.48E-08	3.89E-06	4.26E-06	1.70E-07	1.66E-07	2.8813E-05
607181.85	4202048.62	13923.95941	0.0144	0.01452	0.40389	0.45107	0.04706	0.04615	1.97E-05	8.67E-08	8.86E-08	3.94E-06	4.39E-06	1.65E-07	1.61E-07	2.8175E-05
607181.85	4202098.62	13358.65389	0.01367	0.01378	0.42363	0.47221	0.04562	0.04475	1.89E-05	8.23E-08	8.41E-08	4.14E-06	4.59E-06	1.60E-07	1.56E-07	2.7766E-05
607181.85	4202148.62	12769.27793	0.01352	0.01363	0.52255	0.58209	0.04413	0.04329	1.80E-05	8.14E-08	8.31E-08	5.10E-06	5.66E-06	1.55E-07	1.51E-07	2.8966E-05
607181.85	4202198.62	12121.41773	0.01314	0.01324	0.71716	0.83245	0.04243	0.04163	1.71E-05	7.91E-08	8.08E-08	7.00E-06	8.10E-06	1.49E-07	1.45E-07	3.2382E-05
607181.85	4202248.62	11664.04443	0.01252	0.0126	0.90826	1.06719	0.0412	0.04044	1.65E-05	7.54E-08	7.69E-08	8.87E-06	1.04E-05	1.44E-07	1.41E-07	3.5878E-05
607181.85	4202298.62	11306.55527	0.01134	0.01141	1.62073	2.00309	0.04025	0.03953	1.60E-05	6.83E-08	6.96E-08	1.58E-05	1.95E-05	1.41E-07	1.38E-07	5.1418E-05
607181.85	4202348.62	10850.38127	0.01082	0.01088	4.09801	3.36263	0.03904	0.03836	1.53E-05	6.52E-08	6.64E-08	4.00E-05	3.27E-05	1.37E-07	1.34E-07	8.8182E-05
607181.85	4202398.62	10344.31578	0.01082	0.01087	5.80094	4.32921	0.03769	0.03705	1.46E-05	6.52E-08	6.63E-08	5.66E-05	4.21E-05	1.32E-07	1.29E-07	1.1350E-04
607181.85	4202448.62	9801.5945	0.01033	0.01038	2.52134	2.07901	0.03619	0.03558	1.38E-05	6.22E-08	6.33E-08	2.46E-05	2.02E-05	1.27E-07	1.24E-07	5.8813E-05
607181.85	4202498.62	9329.52011	0.00974	0.00979	1.69994	1.47816	0.03485	0.03428	1.32E-05	5.86E-08	5.97E-08	1.66E-05	1.44E-05	1.22E-07	1.20E-07	4.4274E-05
607181.85	4202548.62	8921.76911	0.00926	0.0093	1.43943	1.2917	0.03364	0.0331	1.26E-05	5.58E-08	5.67E-08	1.41E-05	1.26E-05	1.18E-07	1.16E-07	3.9335E-05
607182.57	4202306.06	11242.98645	0.01121	0.01127	1.81577	2.32791	0.04005	0.03934	1.59E-05	6.75E-08	6.87E-08	1.77E-05	2.26E-05	1.40E-07	1.37E-07	5.6391E-05
607183.52	4201578.02	20592.35466	0.03297	0.0336	0.33905	0.35945	0.05796	0.05686	2.91E-05	1.99E-07	2.05E-07	3.31E-06	3.50E-06	2.03E-07	1.99E-07	3.6299E-05
607185.11	4201741.77	17842.15917	0.02342	0.02376	0.33717	0.36068	0.05487	0.05377	2.52E-05	1.41E-07	1.45E-07	3.29E-06	3.51E-06	1.92E-07	1.88E-07	3.2290E-05
607190.12	4201515.89	21633.76434	0.03843	0.03927	0.36646	0.38749	0.05793	0.05688	3.06E-05	2.31E-07	2.40E-07	3.58E-06	3.77E-06	2.03E-07	1.99E-07	3.8378E-05
607190.47	4201708.25	18311.89037	0.02486	0.02525	0.33501	0.3592	0.05527	0.05417	2.59E-05	1.50E-07	1.54E-07	3.27E-06	3.49E-06	1.94E-07	1.89E-07	3.2936E-05
607192.59	4202290.69	11346.29984	0.01167	0.01173	1.7455	2.18331	0.03997	0.03926	1.60E-05	7.03E-08	7.16E-08	1.70E-05	2.12E-05	1.40E-07	1.37E-07	5.4450E-05
607193.82	4201656.64	19033.10098	0.02842	0.02891	0.36204	0.38858	0.05591	0.05481	2.69E-05	1.71E-07	1.76E-07	3.54E-06	3.78E-06	1.96E-07	1.92E-07	3.4548E-05
607194.06	4201499.33	21905.34481	0.04037	0.04129	0.38183	0.40388	0.05775	0.05671	3.09E-05	2.43E-07	2.52E-07	3.73E-06	3.93E-06	2.02E-07	1.98E-07	3.9095E-05
607196.5	4201624.46	19519.52823	0.03051	0.03105	0.36867	0.39398	0.05623	0.05514	2.76E-05	1.84E-07	1.89E-07	3.60E-06	3.83E-06	1.97E-07	1.93E-07	3.5378E-05
607197.52	4201575.13	20395.18687	0.034	0.03467	0.37052	0.39396	0.05688	0.05581	2.88E-05	2.05E-07	2.11E-07	3.62E-06	3.83E-06	1.99E-07	1.95E-07	3.6676E-05
607198	4201459.13	22723.28092	0.04544	0.0466	0.41342	0.43746	0.05767	0.05668	3.21E-05	2.74E-07	2.84E-07	4.04E-06	4.25E-06	2.02E-07	1.98E-07	4.0948E-05
607199.58	4201481.99	22166.69736	0.04272	0.04374	0.40429	0.42797	0.05742	0.05642	3.13E-05	2.57E-07	2.67E-07	3.95E-06	4.16E-06	2.01E-07	1.97E-07	3.9947E-05
607202.62	4202281.33	11393.67307	0.012	0.01208	1.78801	2.26868	0.03976	0.03905	1.61E-05	7.23E-08	7.37E-08	1.75E-05	2.21E-05	1.39E-07	1.36E-07	5.5766E-05
607207.23	4201733.73	17688.73889	0.02472	0.0251	0.38643	0.41668	0.05346	0.05241	2.50E-05	1.49E-07	1.53E-07	3.77E-06	4.05E-06	1.87E-07	1.83E-07	3.3115E-05
607209.24	4201706.24	18092.8875	0.02589	0.0263	0.37972	0.40993	0.05394	0.05288	2.56E-05	1.56E-07	1.60E-07	3.71E-06	3.99E-06	1.89E-07	1.85E-07	3.3569E-05
607209.71	4201784.9	16822.26614	0.02314	0.02345	0.45585	0.49394	0.05189	0.05086	2.38E-05	1.39E-07	1.43E-07	4.45E-06	4.80E-06	1.82E-07	1.78E-07	3.3301E-05
607214.65	4202269.97	11439.50656	0.01243	0.01251	1.82958	2.40451	0.03947	0.03877	1.62E-05	7.48E-08	7.63E-08	1.79E-05	2.34E-05	1.38E-07	1.35E-07	5.7563E-05
607218.63	4201662	18636.50476	0.02902	0.02954	0.41104	0.44529	0.05409	0.05305	2.63E-05	1.75E-07	1.80E-07	4.01E-06	4.33E-06	1.89E-07	1.85E-07	3.5025E-05
607218.92	4201572.25	20060.41823	0.03547	0.03621	0.42638	0.4558	0.05526	0.05423	2.83E-05	2.14E-07	2.21E-07	4.16E-06	4.43E-06	1.93E-07	1.90E-07	3.7368E-05
607221.31	4201641.89	18900.57389	0.0306	0.03117	0.42506	0.46025	0.0542	0.05317	2.67E-05	1.84E-07	1.90E-07	4.15E-06	4.48E-06	1.90E-07	1.86E-07	3.5700E-05
607223.32	4201616.42	19276.83966	0.03246	0.0331	0.4336	0.46738	0.05444	0.05341	2.72E-05	1.95E-07	2.02E-07	4.23E-06	4.55E-06	1.91E-07	1.87E-07	3.6407E-05
607226.68	4202254.6	11498.32865	0.01295	0.01304	1.88151	2.66982	0.03922	0.03853	1.62E-05	7.80E-08	7.95E-08	1.84E-05	2.60E-05	1.37E-07	1.35E-07	6.0740E-05
607228.68	4202226.53	11686.69714	0.0134	0.0135	1.49592	2.0475	0.03965	0.03893	1.65E-05	8.07E-08	8.24E-08	1.46E-05	1.99E-05	1.39E-07	1.36E-07	5.1194E-05
607231.85	4201948.62	14671.92455	0.01829	0.01847	0.58965	0.65142	0.04681	0.04592	2.07E-05	1.10E-07	1.13E-07	5.76E-06	6.34E-06	1.64E-07	1.60E-07	3.3042E-05
607231.85	4201998.62	14141.4535	0.01682	0.01697	0.603	0.68416	0.04562	0.04476	2.00E-05	1.01E-07	1.04E-07	5.89E-06	6.65E-06	1.60E-07	1.56E-07	3.2723E-05
607231.85	4202048.62	13606.02777	0.01558	0.0157	0.62614	0.73694	0.04436	0.04353	1.92E-05	9.38E-08	9.58E-08	6.11E-06	7.17E-06	1.55E-07	1.52E-07	3.2691E-05
607231.85	4202098.62	13054.73513	0.0151	0.01522	0.69603	0.8364	0.04303	0.04223	1.84E-05	9.09E-08	9.28E-08	6.80E-06	8.13E-06	1.51E-07	1.48E-07	3.3556E-05
607231.85	4202148.62	12393.05774	0.01459	0.0147	1.07787	1.36138	0.04137	0.04061	1.75E-05	8.79E-08	8.97E-08	1.05E-05	1.32E-05	1.45E-07	1.42E-07	4.1450E-05
607231.85	4202198.62	11884.10504	0.01377	0.01387	1.32156	1.74879	0.04006	0.03934	1.68E-05	8.29E-08	8.46E-08	1.29E-05	1.70E-05	1.40E-07	1.37E-07	4.6869E-05
607231.85	4202248.62	11516.88514	0.01314	0.01323	1.96475	2.87466	0.0391	0.03841	1.63E-05	7.91E-08	8.07E-08	1.92E-05	2.80E-05	1.37E-07	1.34E-07	6.3574E-05
607231.85	4202298.62	11164.24047	0.01192	0.01199	5.3826	4.14534	0.03819	0.03753	1.58E-05	7.18E-08	7.31E-08	5.26E-05	4.03E-05	1.34E-07	1.31E-07	1.0880E-04
607231.85	4202348.62	10716.95734	0.01154	0.01161	4.85225	3.94152	0.03708	0.03645	1.51E-05	6.95E-08	7.08E-08	4.74E-05	3.83E-05	1.30E-07	1.27E-07	1.0100E-04
607231.85	4202398.62	10193.83707	0.01135	0.01142	2.20548	1.92008	0.03574	0.03514	1.44E-05	6.83E-08	6.97E-08	2.15E-05	1.87E-05	1.25E-07	1.23E-07	5.4750E-05
607231.85	4202448.62	9679.07039	0.01069	0.01075	1.41347	1.26782	0.0344	0.03384	1.37E-05	6.44E-08	6.56E-08	1.38E-05	1.23E-05	1.20E-07	1.18E-07	3.9936E-05
607231.85	4202498.62	9247.95019	0.01011	0.01016	1.09836	1.0049	0.03326	0.03273	1.31E-05	6.09E-08	6.20E-08	1.07E-05	9.77E-06	1.16E-07	1.14E-07	3.3686E-05
607231.85	4202548.62	8848.19362	0.00959	0.00963	0.95433	0.88519	0.03216	0.03166	1.25E-05	5.77E-08	5.87E-08	9.32E-06	8.61E-06	1.13E-07	1.11E-07	3.0544E-05
607232.69	4201479.62	21578.96573	0.04614	0.04736	0.52489	0.56197	0.05507	0.05412	3.05E-05	2.78E-07	2.89E-07	5.13E-06	5.47E-06	1.93E-07	1.89E-07	4.1640E-05
607235.06	4201458.34	21991.30211	0.04947	0.05086	0.56098	0.6018	0.05504	0.05411	3.11E-05	2.98E-07	3.10E-07	5.48E-06	5.85E-06	1.93E-07	1.89E-07	4.3004E-05
607237.02	4201569.37	19822.40463	0.03692	0.03773	0.48594	0.5226	0.05401	0.05301	2.80E-05	2.22E-07	2.30E-07	4.75E-06	5.08E-06	1.89E-07	1.85E-07	3.8281E-05
607242.15	4201499.33	21021.82785	0.0446	0.04576	0.55208	0.59422	0.05431	0.05336	2.97E-05	2.69E-07	2.79E-07	5.39E-06	5.78E-06	1.90E-07	1.86E-07	4.1413E-05
607245.3	4201518.25	20611.46654	0.04267	0.04374	0.5503	0.59375	0.05396	0.053	2.91E-05	2.57E-07	2.67E-07	5.37E-06	5.77E-06	1.89E-07	1.85E-07	4.0788E-05
607256.2	4201735.98	17050.02578	0.02701	0.02744	0.57375	0.6388	0.0501	0.04915	2.41E-05	1.63E-07	1.67E-07	5.60E-06	6.21E-06	1.75E-07	1.72E-07	3.6230E-05
607259.99	4202104.79	12772.46776	0.01586	0.016	1.29013	1.85171	0.04139	0.04063	1.80E-05	9.55E-08	9.76E-08	1.26E-05	1.80E-05	1.45E-07	1.42E-07	4.8843E-05
607260.56	4201780.54	16349.17567	0.02519	0.02555	0.68059	0.76269	0.04879	0.04786	2.31E-05	1.52E-07	1.56E-07	6.65E-06	7.42E-06	1.71E-07	1.67E-07	3.7466E-05
607262.5	4201714.67	17286.55014	0.0283	0.02877	0.58438	0.65371	0.05016	0.04921	2.44E-05	1.70E-07	1.75E-07	5.71E-06	6.36E-06	1.76E-07	1.72E-07	3.6829E-05
607263.77	4201568.55	19424.54159	0.03901	0.0399	0.60721	0.66179	0.05222	0.05127	2.74E-05	2.35E-07	2.43E-07	5.93E-06	6.44E-06	1.83E-07	1.79E-07	4.0283E-05
607263.97	4202045.13	13408.61611	0.01684	0.017	1.03546	1.32748	0.04279	0.04201	1.89E-05	1.01E-07	1.04E-07	1.01E-05	1.29E-05	1.50E-07	1.47E-07	4.2168E-05
607265.41	4201691.43	17589.97859	0.0297	0.03021	0.58493	0.65491	0.05043	0.04949	2.48E-05	1.79E-07	1.84E-07	5.71E-06	6.37E-06	1.77E-07	1.73E-07	3.7292E-05
607268.31	4201663.82	17961.04972	0.03153	0.0321	0.58974	0.65946	0.05075	0.0498	2.54E-05	1.90E-07	1.96E-07	5.76E-06	6.41E-06	1.78E-07	1.74E-07	3.7930E-05
607270.25	4201614.91	18655.0777	0.03545	0.0362	0.61464	0.67987	0.05135	0.0504	2.64E-05	2.13E-07	2.21E-07	6.00E-06	6.61E-06	1.80E-07	1.76E-07	3.9401E-05
607271.35	4202059.5	13182.50483	0.0169	0.01705	1.4225	2.07831	0.04201	0.04125	1.86E-05	1.02E-07	1.04E-07	1.39E-05	2.02E-05	1.47E-07	1.44E-07	5.2932E-05
607272.19	4201641.54	18237.23573	0.03337	0.03402	0.61197	0.68354	0.05086	0.04992	2.58E-05	2.01E-07	2.08E-07	5.98E-06	6.65E-06	1.78E-07	1.74E-07	3.8794E-05
607276.28	4201925.31	14492.16964	0.02051	0.02075	1.12154	1.31819	0.04475	0.04392	2.05E-05	1.23E-07	1.27E-07	1.10E-05	1.28E-05	1.57E-07	1.53E-07	4.4494E-05
607278.74	4202023.38	13464.52884	0.01796	0.01813	1.69424	2.3416	0.04243	0.04166	1.90E-05	1.08E-07	1.11E-07	1.65E-05	2.28E-05	1.49E-07	1.46E-07	5.8558E-05
607279.97	4201945.82	14240.22428	0.02001	0.02023	1.29663	1.559	0.0441	0.04328	2.01E-05	1.20E-07	1.23E-07	1.27E-05	1.52E-05	1.54E-07	1.51E-07	4.8184E-05

607281.85	4201948.62	14193.96576	0.01998	0.0202	1.36499	1.65195	0.04393	0.04312	2.01E-05	1.20E-07	1.23E-07	1.33E-05	1.61E-05	1.54E-07	1.51E-07	4.9690E-05
607281.85	4201998.62	13687.87527	0.01864	0.01883	1.66287	2.1976	0.04284	0.04205	1.93E-05	1.12E-07	1.15E-07	1.62E-05	2.14E-05	1.50E-07	1.47E-07	5.7175E-05
607281.85	4202048.62	13192.70644	0.01744	0.01761	2.01789	3.08741	0.0417	0.04094	1.86E-05	1.05E-07	1.07E-07	1.97E-05	3.00E-05	1.46E-07	1.43E-07	6.8582E-05
607281.85	4202098.62	12689.6734	0.01638	0.01653	2.46429	4.43812	0.0405	0.03977	1.79E-05	9.86E-08	1.01E-07	2.41E-05	4.32E-05	1.42E-07	1.39E-07	8.5354E-05
607281.85	4202148.62	12101.75997	0.01524	0.01537	3.66517	3.40058	0.03906	0.03837	1.71E-05	9.18E-08	9.38E-08	3.58E-05	3.31E-05	1.37E-07	1.34E-07	8.6146E-05
607281.85	4202198.62	11649.72922	0.01439	0.01451	3.6039	3.94881	0.03793	0.03726	1.65E-05	8.66E-08	8.85E-08	3.52E-05	3.84E-05	1.33E-07	1.30E-07	9.0231E-05
607281.85	4202248.62	11333.48768	0.01377	0.01388	4.13977	5.35722	0.03711	0.03647	1.60E-05	8.29E-08	8.47E-08	4.04E-05	5.21E-05	1.30E-07	1.27E-07	1.0871E-04
607281.85	4202298.62	10948.96027	0.01296	0.01305	3.8067	2.87725	0.03616	0.03555	1.55E-05	7.80E-08	7.96E-08	3.72E-05	2.80E-05	1.27E-07	1.24E-07	8.0782E-05
607281.85	4202348.62	10486.44945	0.01241	0.0125	1.97795	1.75191	0.03503	0.03445	1.48E-05	7.47E-08	7.63E-08	1.93E-05	1.70E-05	1.23E-07	1.20E-07	5.1319E-05
607281.85	4202398.62	10010.13969	0.01174	0.01181	1.30307	1.19623	0.03387	0.03332	1.41E-05	7.07E-08	7.20E-08	1.27E-05	1.16E-05	1.19E-07	1.16E-07	3.8642E-05
607281.85	4202448.62	9568.10916	0.01107	0.01114	0.9802	0.91111	0.03279	0.03227	1.35E-05	6.67E-08	6.80E-08	9.57E-06	8.86E-06	1.15E-07	1.13E-07	3.2084E-05
607281.85	4202498.62	9160.37337	0.01047	0.01053	0.80663	0.75701	0.03177	0.03128	1.29E-05	6.30E-08	6.42E-08	7.88E-06	7.36E-06	1.11E-07	1.09E-07	2.8307E-05
607281.85	4202548.62	8780.87829	0.00993	0.00999	0.70881	0.67003	0.0308	0.03034	1.24E-05	5.98E-08	6.09E-08	6.92E-06	6.52E-06	1.08E-07	1.06E-07	2.5963E-05
607282.36	4201779.57	16128.07025	0.0261	0.02649	0.86523	0.99609	0.04751	0.04662	2.28E-05	1.57E-07	1.62E-07	8.45E-06	9.69E-06	1.66E-07	1.63E-07	4.1238E-05
607283.25	4202005.74	13605.47415	0.01849	0.01868	1.78258	2.4147	0.0426	0.04183	1.92E-05	1.11E-07	1.14E-07	1.74E-05	2.35E-05	1.49E-07	1.46E-07	6.0337E-05
607284.07	4201963.88	14017.70739	0.0196	0.01982	1.52426	1.89251	0.04348	0.04268	1.98E-05	1.18E-07	1.21E-07	1.49E-05	1.84E-05	1.52E-07	1.49E-07	5.3331E-05
607285.17	4201568.14	19110.48033	0.04083	0.04181	0.75193	0.83269	0.05085	0.04994	2.70E-05	2.46E-07	2.55E-07	7.34E-06	8.10E-06	1.78E-07	1.75E-07	4.2937E-05
607287.2	4201728.23	16794.20868	0.02891	0.0294	0.77655	0.89687	0.04835	0.04745	2.37E-05	1.74E-07	1.79E-07	7.58E-06	8.72E-06	1.69E-07	1.66E-07	4.0383E-05
607288.66	4201454.4	21098.82721	0.05712	0.05906	1.10477	1.24173	0.0517	0.05085	2.98E-05	3.44E-07	3.60E-07	1.08E-05	1.21E-05	1.81E-07	1.78E-07	5.3373E-05
607289.45	4201490.66	20417.30751	0.0512	0.05275	0.98694	1.10067	0.05143	0.05056	2.88E-05	3.08E-07	3.22E-07	9.64E-06	1.07E-05	1.80E-07	1.77E-07	4.9814E-05
607289.45	4201511.95	19993.00598	0.04799	0.04934	0.90007	1.00286	0.05117	0.05028	2.82E-05	2.89E-07	3.01E-07	8.79E-06	9.75E-06	1.79E-07	1.76E-07	4.7375E-05
607290.64	4201984.81	13754.57986	0.01919	0.0194	1.98465	2.63252	0.04269	0.04191	1.94E-05	1.16E-07	1.18E-07	1.94E-05	2.56E-05	1.49E-07	1.46E-07	6.4648E-05
607294.18	4201470.16	20710.99858	0.05506	0.05686	1.14499	1.28723	0.05128	0.05043	2.93E-05	3.32E-07	3.47E-07	1.12E-05	1.25E-05	1.80E-07	1.76E-07	5.3635E-05
607294.46	4201707.41	16998.04613	0.03046	0.03102	0.81572	0.95251	0.04832	0.04743	2.40E-05	1.83E-07	1.89E-07	7.97E-06	9.26E-06	1.69E-07	1.66E-07	4.1614E-05
607299.31	4201658.98	17629.52013	0.03384	0.03453	0.80858	0.93937	0.0489	0.04801	2.49E-05	2.04E-07	2.11E-07	7.90E-06	9.14E-06	1.71E-07	1.68E-07	4.2350E-05
607299.31	4201681.26	17308.84571	0.03233	0.03296	0.83042	0.97248	0.04851	0.04762	2.45E-05	1.95E-07	2.01E-07	8.11E-06	9.46E-06	1.70E-07	1.66E-07	4.2413E-05
607303.67	4201638.15	17874.08831	0.03572	0.03648	0.84181	0.97494	0.04897	0.04808	2.52E-05	2.15E-07	2.23E-07	8.22E-06	9.48E-06	1.71E-07	1.68E-07	4.3389E-05
607305.12	4201612.97	18202.03659	0.03815	0.03904	0.88878	1.01669	0.0492	0.04831	2.57E-05	2.30E-07	2.38E-07	8.68E-06	9.89E-06	1.72E-07	1.69E-07	4.4747E-05
607305.12	4201782.47	15829.54196	0.0268	0.02723	1.25305	1.52765	0.0461	0.04525	2.24E-05	1.61E-07	1.66E-07	1.22E-05	1.49E-05	1.61E-07	1.58E-07	4.9782E-05
607307.4	4201564.43	18851.10118	0.04326	0.04437	0.99696	1.13519	0.04955	0.04868	2.66E-05	2.60E-07	2.71E-07	9.74E-06	1.10E-05	1.73E-07	1.70E-07	4.7936E-05
607307.87	4201899.45	14456.24021	0.0221	0.02238	2.16604	2.86429	0.04356	0.04276	2.04E-05	1.33E-07	1.37E-07	2.12E-05	2.79E-05	1.53E-07	1.49E-07	6.9700E-05
607316.49	4201853.9	14869.91777	0.024	0.02434	2.14675	2.95534	0.04403	0.04323	2.10E-05	1.45E-07	1.48E-07	2.10E-05	2.87E-05	1.54E-07	1.51E-07	7.1005E-05
607321.3	4202259.3	11091.55867	0.01406	0.01418	2.77616	2.19171	0.03543	0.03484	1.57E-05	8.47E-08	8.65E-08	2.71E-05	2.13E-05	1.24E-07	1.22E-07	6.4266E-05
607330.96	4202209.32	11395.30684	0.01491	0.01506	3.12303	2.47217	0.03594	0.03533	1.61E-05	8.98E-08	9.19E-08	3.05E-05	2.40E-05	1.26E-07	1.23E-07	7.0821E-05
607331.85	4201948.62	13755.43354	0.02105	0.02133	2.7548	5.68077	0.04137	0.04064	1.94E-05	1.27E-07	1.30E-07	2.69E-05	5.52E-05	1.45E-07	1.42E-07	1.0184E-04
607331.85	4201998.62	13319.74087	0.01967	0.01992	4.06181	6.61806	0.04046	0.03974	1.88E-05	1.18E-07	1.22E-07	3.97E-05	6.44E-05	1.42E-07	1.39E-07	1.2309E-04
607331.85	4202048.62	12842.52415	0.01834	0.01856	6.36332	4.51351	0.03939	0.0387	1.81E-05	1.10E-07	1.13E-07	6.21E-05	4.39E-05	1.38E-07	1.35E-07	1.2440E-04
607331.85	4202098.62	12367.12349	0.01713	0.01732	4.97868	3.48759	0.03828	0.03762	1.75E-05	1.03E-07	1.06E-07	4.86E-05	3.39E-05	1.34E-07	1.31E-07	1.0022E-04
607331.85	4202148.62	11827.74255	0.01585	0.01601	3.83607	2.80971	0.037	0.03636	1.67E-05	9.54E-08	9.77E-08	3.75E-05	2.73E-05	1.30E-07	1.27E-07	8.1689E-05
607331.85	4202198.62	11428.95166	0.01499	0.01514	3.27871	2.52069	0.03601	0.0354	1.61E-05	9.03E-08	9.24E-08	3.20E-05	2.45E-05	1.26E-07	1.24E-07	7.2861E-05
607331.85	4202248.62	11146.04939	0.01433	0.01447	2.48943	2.01355	0.03529	0.0347	1.57E-05	8.63E-08	8.83E-08	2.43E-05	1.96E-05	1.24E-07	1.21E-07	5.9813E-05
607331.85	4202298.62	10751.92963	0.01355	0.01368	1.80366	1.53996	0.03434	0.03378	1.52E-05	8.16E-08	8.34E-08	1.76E-05	1.50E-05	1.20E-07	1.18E-07	4.7944E-05
607331.85	4202348.62	10347.15902	0.01286	0.01297	1.29052	1.16626	0.03338	0.03284	1.46E-05	7.74E-08	7.91E-08	1.26E-05	1.13E-05	1.17E-07	1.15E-07	3.8718E-05
607331.85	4202398.62	9924.94248	0.0122	0.0123	0.96449	0.89807	0.03239	0.03188	1.40E-05	7.35E-08	7.50E-08	9.42E-06	8.73E-06	1.13E-07	1.11E-07	3.2321E-05
607331.85	4202448.62	9476.61641	0.01146	0.01155	0.75513	0.71284	0.03134	0.03086	1.34E-05	6.90E-08	7.05E-08	7.37E-06	6.93E-06	1.10E-07	1.08E-07	2.7833E-05
607331.85	4202498.62	9073.937	0.01081	0.01089	0.63365	0.60275	0.03039	0.02994	1.28E-05	6.51E-08	6.64E-08	6.19E-06	5.86E-06	1.06E-07	1.05E-07	2.4999E-05
607331.85	4202548.62	8708.67557	0.01025	0.01032	0.55605	0.53207	0.02952	0.02908	1.23E-05	6.17E-08	6.30E-08	5.43E-06	5.17E-06	1.03E-07	1.02E-07	2.3031E-05
607332.24	4201768.91	15708.79212	0.02855	0.02905	2.10387	2.91203	0.04487	0.04406	2.22E-05	1.72E-07	1.77E-07	2.05E-05	2.83E-05	1.57E-07	1.54E-07	7.1406E-05
607333.23	4202147.98	11827.17452	0.01588	0.01605	3.71945	2.74596	0.03696	0.03632	1.67E-05	9.56E-08	9.79E-08	3.63E-05	2.67E-05	1.29E-07	1.27E-07	7.9930E-05
607333.8	4202176.38	11546.65908	0.01525	0.0154	3.2453	2.45047	0.03626	0.03564	1.63E-05	9.18E-08	9.39E-08	3.17E-05	2.38E-05	1.27E-07	1.25E-07	7.2021E-05
607338.67	4201559.91	18456.71861	0.04668	0.04805	1.68645	2.05897	0.04775	0.04693	2.61E-05	2.81E-07	2.93E-07	1.65E-05	2.00E-05	1.67E-07	1.64E-07	6.3140E-05
607339.02	4201743.25	15975.37495	0.0304	0.03099	2.12054	2.99882	0.04503	0.04422	2.26E-05	1.83E-07	1.89E-07	2.07E-05	2.92E-05	1.58E-07	1.55E-07	7.2813E-05
607340.96	4201720	16266.80891	0.03202	0.03267	1.95592	2.7325	0.04538	0.04457	2.30E-05	1.93E-07	1.99E-07	1.91E-05	2.66E-05	1.59E-07	1.56E-07	6.9047E-05
607346.28	4201693.85	16563.42543	0.03414	0.03489	1.95987	2.75648	0.04559	0.04478	2.34E-05	2.06E-07	2.13E-07	1.91E-05	2.68E-05	1.60E-07	1.56E-07	6.9764E-05
607346.86	4202072.72	12524.32267	0.01797	0.01819	3.82402	2.90156	0.03825	0.03758	1.77E-05	1.08E-07	1.11E-07	3.73E-05	2.82E-05	1.34E-07	1.31E-07	8.3475E-05
607348.03	4202037.94	12842.07279	0.01888	0.01912	4.35121	3.34203	0.03894	0.03826	1.81E-05	1.14E-07	1.17E-07	4.25E-05	3.25E-05	1.36E-07	1.34E-07	9.3367E-05
607350.64	4201670.12	16837.90317	0.03619	0.03705	1.95492	2.78523	0.04577	0.04496	2.38E-05	2.18E-07	2.26E-07	1.91E-05	2.71E-05	1.60E-07	1.57E-07	7.0408E-05
607352.58	4201646.39	17134.20101	0.03832	0.03929	1.92059	2.65733	0.04603	0.04522	2.42E-05	2.31E-07	2.40E-07	1.88E-05	2.58E-05	1.61E-07	1.58E-07	6.9274E-05
607355.48	4201589.24	17825.76113	0.04456	0.04585	2.30792	2.98575	0.04653	0.04572	2.52E-05	2.68E-07	2.80E-07	2.25E-05	2.90E-05	1.63E-07	1.60E-07	7.7305E-05
607355.97	4201619.75	17437.65533	0.04119	0.04231	2.11486	2.80668	0.04619	0.04539	2.46E-05	2.48E-07	2.58E-07	2.07E-05	2.73E-05	1.62E-07	1.59E-07	7.3088E-05
607366.33	4200769.13	31634.50866	1.74856	1.43729	0.03979	0.03766	0.03089	0.03103	4.47E-05	1.05E-05	8.77E-06	3.89E-07	3.66E-07	1.08E-07	1.08E-07	6.4737E-05
607369.05	4201993.63	13139.6525	0.02051	0.02081	3.27579	2.76598	0.03902	0.03834	1.86E-05	1.23E-07	1.27E-07	3.20E-05	2.69E-05	1.37E-07	1.34E-07	7.7703E-05
607370.6	4200744.38	31764.81937	1.48929	1.24955	0.036	0.03422	0.02977	0.02993	4.49E-05	8.97E-06	7.62E-06	3.52E-07	3.33E-07	1.04E-07	1.05E-07	6.2144E-05
607378.7	4201943.65	13485.68095	0.02226	0.02261	3.30802	2.80509	0.03945	0.03877	1.90E-05	1.34E-07	1.38E-07	3.23E-05	2.73E-05	1.38E-07	1.35E-07	7.8908E-05
607380.97	4201882.31	14024.16371	0.02457	0.02499	4.1753	3.29048	0.0404	0.0397	1.98E-05	1.48E-07	1.52E-07	4.08E-05	3.20E-05	1.41E-07	1.39E-07	9.2888E-05
607381.54	4201910.71	13758.41466	0.02348	0.02387	3.56835	2.96232	0.0399	0.03921	1.94E-05	1.41E-07	1.46E-07	3.48E-05	2.88E-05	1.40E-07	1.37E-07	8.3380E-05
607381.85	4201948.62	13427.45939	0.02217	0.02252	3.06799	2.63148	0.03925	0.03858	1.90E-05	1.33E-07	1.37E-07	3.00E-05	2.56E-05	1.37E-07	1.35E-07	7.4792E-05
607381.85	4201998.62	13035.3446	0.02057	0.02087	2.52747	2.20146	0.03845	0.0378	1.84E-05	1.24E-07	1.27E-07	2.47E-05	2.14E-05	1.35E-07	1.32E-07	6.4758E-05
607381.85	4202048.62	12577.3632	0.01913	0.0194	2.22774	1.90158	0.03745	0.03682	1.78E-05	1.15E-07	1.18E-07	2.18E-05	1.85E-05	1.31E-07	1.29E-07	5.8250E-05
607381.85	4202098.62	12060.0732	0.01772	0.01795	1.93036	1.65636	0.03628	0.03567	1.70E-05	1.07E-07	1.09E-07	1.89E-05	1.61E-05	1.27E-07	1.25E-07	5.2213E-05
607381.85	4202148.62	11572.09843	0.0164	0.01659	1.68625	1.45184	0.03514	0.03455	1.63E-05	9.88E-08	1.01E-07	1.65E-05	1.41E-05	1.23E-07	1.21E-07	4.7134E-05
607381.85	4202348.62	10222.48874	0.01321	0.01334	0.91408	0.84017	0.0319	0.03141	1.44E-05	7.95E-08	8.14E-08	8.93E-06	8.17E-06	1.12E-07	1.10E-07	3.1699E-05
607381.85	4202398.62	9796.93735	0.01253	0.01265	0.73858	0.69343	0.03094	0.03046	1.38E-05	7.54E-08	7.72E-08	7.21E-06	6.74E-06	1.08E-07	1.06E-07	2.7948E-05
607381.85	4202448.62	9366.01915	0.01177	0.01187	0.60384	0.57435	0.02996	0.02952	1.32E-05	7.09E-08	7.24E-08	5.90E-06	5.59E-06	1.05E-07	1.03E-07	2.4856E-05
607381.85	4202498.62	8978.7384	0.01109	0.01118	0.51462	0.49327	0.02909	0.02867	1.27E-05	6.68E-08	6.82E-08	5.03E-06	4.80E-06	1.02E-07	1.00E-07	2.2641E-05
607381.85	4202548.62	8630.65975	0.01052	0.0106	0.45108	0.43505	0.02831	0.0279	1.22E-05	6.33E-08	6.47E-08	4.41E-06	4.23E-06	9.91E-08	9.75E-08	2.0956E-05
607400.85	4201861.3	14072.15879	0.02599	0.02647	2.93845	2.46245	0.0399	0.03922	1.99E-05	1.56E-07	1.61E-07	2.87E-05	2.39E-05	1.40E-07	1.37E-07	7.2841E-05
607402.25	4201797.62	14692.20116	0.02929	0.0299	3.58586	2.88625	0.04088	0.04018	2.08E-05	1.76E-07	1.82E-07	3.50E-05	2.81E-05	1.43E-07	1.40E-07	8.4202E-05
607402.82	4201762.98	15071.38464	0.03151	0.03221	4.22638	3.23134	0.04145	0.04073	2.13E-05	1.90E-07	1.96E-07	4.13E-05	3.14E-05	1.45E-07	1.42E-07	9.4376E-05
607405.41	4201505.03	18317.06863	0.06304	0.0657	4.17406	3.49824	0.0448	0.04408	2.59E-05	3.80E-07	4.01E-07	4.08E-05	3.40E-05	1.57E-07	1.54E-07	1.0144E-04
607410.62	4201477.67	18613.05131	0.07015	0.07343	3.07512	2.726	0.04474	0.04403	2.63E-05	4.22E-07	4.48E-07	3.00E-05	2.65E-05	1.57E-07	1.54E-07	8.3706E-05
607415.83	4201531.52	17807.69928	0.05885	0.06118	3.87238	3.19242	0.04405	0.04333	2.52E-05	3.54E-07	3.73E-07	3.78E-05	3.10E-05	1.54E-07	1.51E-07	9.4747E-05
607417.02	4201708.46	15562.34367	0.03628	0.03719	3.77283	2.94457	0.04168	0.04097	2.20E-05	2.18E-07	2.27E-07	3.68E-05	2.86E-05	1.46E-07	1.43E-07	8.7911E-05
607423.16	4200737.35	29458.54846	2.92747	2.23907	0.0341	0.03244	0.02905	0.02918	4.16E-05	1.76E-05	1.37E-05	3.33E-07	3.16E-07	1.02E-07	1.02E-07	7.3547E-05
607424.97	4201746.51	15049.62403	0.03356	0.03435	2.8234	2.32863	0.04072	0.04003	2.13E-05	2.02E-07	2.10E-07	2.76E-05	2.26E-05	1.43E-07	1.40E-07	7.1890E-05
607425.67	4201675.37	15859.09899	0.03977	0.04086	3.50822	2.78568	0.04177	0.04107	2.24E-05	2.39E-07	2.49E-07	3.43E-05	2.71E-05	1.46E-07	1.44E-07	8.4244E-05
607426.11	4201803.3	14426.10832	0.02974	0.03037	2.29462	1.97714	0.03974	0.03907	2.04E-05	1.79E-07	1.85E-07	2.24E-05	1.92E-05	1.39E-07	1.37E-07	6.2380E-05
607427.56	4201582.75	16980.25418	0.05127	0.05305	3.76845	3.08289	0.04292	0.04221	2.40E-05	3.09E-07	3.24E-07	3.68E-05	3.00E-05	1.50E-07	1.48E-07	9.1403E-05
607430.39	4201618.1	16479.93141	0.04652	0.048	3.54545	2.90402	0.0423	0.0416	2.33E-05	2.80E-07	2.93E-07	3.46E-05	2.82E-05	1.48E-07	1.45E-07	8.6719E-05
607431.85	4202348.62	10007.26026	0.01353	0.01368	0.68298	0.63872	0.03034	0.02988	1.41E-05	8.15E-08	8.34E-08	6.67E-06	6.21E-06	1.06E-07	1.04E-07	2.7183E-05
607431.85	4202398.62	9588.38606	0.01269	0.01282	0.57163	0.54161	0.02941	0.02897	1.35E-05	7.64E-08	7.82E-08	5.58E-06	5.27E-06	1.03E-07	1.01E-07	2.4549E-05
607431.85	4202448.62	9230.16153	0.012	0.01211	0.49071	0.46926	0.02863	0.02821	1.30E-05	7.23E-08	7.39E-08	4.79E-06	4.56E-06	1.00E-07	9.86E-08	2.2540E-05
607431.85	4202498.62	8876.11339	0.01134	0.01144	0.42627	0.41061	0.02787	0.02747	1.25E-05	6.83E-08	6.98E-08	4.16E-06	3.99E-06	9.76E-08	9.60E-08	2.0833E-05
607431.85	4202548.62	8544.88879	0.01076	0.01085	0.37419	0.36274	0.02716	0.02678	1.21E-05	6.48E-08	6.62E-08	3.65E-06	3.53E-06	9.51E-08	9.36E-08	1.9383E-05
607437.11	4201475.93	18216.89014	0.0744	0.07807	1.95903	1.79581	0.04345	0.04277	2.57E-05	4.48E-07	4.76E-07	1.91E-05	1.75E-05	1.52E-07	1.49E-07	6.3254E-05
607438.52	4201654.18	15951.9466	0.04269	0.04395	2.82622	2.3533	0.04144	0.04075	2.25E-05	2.57E-07	2.68E-07	2.76E-05	2.29E-05	1.45E-07	1.42E-07	7.3546E-05
607441.02	4201532.39	17442.35579	0.06136	0.06389	2.32098	2.06671	0.04281	0.04212	2.46E-05	3.69E-07	3.90E-07	2.27E-05	2.01E-05	1.50E-07	1.47E-07	6.8164E-05
607441.46	4201563.66	17049.40441	0.05553	0.05762	2.63662	2.29783	0.04248	0.04179	2.41E-05	3.34E-07	3.51E-07	2.57E-05	2.23E-05	1.49E-07	1.46E-07	7.2866E-05
607444.85	4201714.71	15196.33105	0.03698	0.03793	2.22327	1.89797	0.0403	0.03962	2.15E-05	2.23E-07	2.31E-07	2.17E-05	1.85E-05	1.41E-07	1.38E-07	6.2091E-05
607445.41	4201806.14	14236.25054	0.03021	0.03086	1.77088	1.57079	0.03888	0.03824	2.01E-05	1.82E-07	1.88E-07	1.73E-05	1.53E-05	1.36E-07	1.34E-07	5.3051E-05
607450.52	4201749.92	14765.44367	0.03432	0.03514	1.90401	1.65828	0.03953	0.03887	2.09E-05	2.07E-07	2.14E-07	1.86E-05	1.61E-05	1.38E-07	1.36E-07	5.6000E-05
607455.14	4201620.93	16133.03518	0.04783	0.04938	2.18495	1.90731	0.04107	0.0404	2.28E-05	2.88E-07	3.01E-07	2.13E-05	1.86E-05	1.44E-07	1.41E-07	6.3266E-05
607455.35	4201475.06	17944.71258	0.07718	0.0811	1.55344	1.44277	0.04259	0.04193	2.53E-05	4.65E-07	4.95E-07	1.52E-05	1.40E-05	1.49E-07	1.47E-07	5.5510E-05
607459.04	4201719.25	15003.70723	0.03723	0.03819	1.82292	1.59413	0.0396	0.03895	2.12E-05	2.24E-07	2.33E-07	1.78E-05	1.55E-05	1.39E-07	1.36E-07	5.4957E-05
607461	4201530.65	17188.73608	0.06382	0.06655	1.7342	1.58702	0.04189	0.04123	2.43E-05	3.84E-07	4.06E-07	1.69E-05	1.54E-05	1.47E-07	1.44E-07	5.7441E-05
607462.74	4201564.09	16768.31572	0.05739	0.05961	1.88848	1.69476	0.04149	0.04082	2.37E-05	3.46E-07	3.64E-07	1.84E-05	1.65E-05	1.45E-07	1.43E-07	5.9321E-05
607463.02	4201659.05	15608.27688	0.04354	0.04483	1.89894	1.66353	0.04023	0.03957	2.20E-05	2.62E-07	2.73E-07	1.85E-05	1.62E-05	1.41E-07	1.38E-07	5.7307E-05
607469.83	4201761.27	14467.67711	0.03421	0.03503	1.48947	1.33332	0.03854	0.03791	2.04E-05	2.06E-07	2.14E-07	1.45E-05	1.30E-05	1.35E-07	1.32E-07	4.8370E-05
607471.54	4201807.84	14000.94001	0.03098	0.03166	1.34391	1.22185	0.0378	0.03718	1.98E-05	1.87E-07	1.93E-07	1.31E-05	1.19E-05	1.32E-07	1.30E-07	4.5165E-05
607473.47	4201205.35	20954.83687	0.35948	0.41811	0.92055	0.82778	0.04135	0.0409	2.96E-05	2.16E-06	2.55E-06	8.99E-06	8.05E-06	1.45E-07	1.43E-07	5.1356E-05
607474.9	4201475.93	17637.13119	0.07944	0.08358	1.26874	1.18998	0.04168	0.04104	2.49E-05	4.78E-07	5.10E-07	1.24E-05	1.16E-05	1.46E-07	1.43E-07	4.9865E-05
607475.65	4201620.23	15896.06562	0.04934	0.05099	1.6502	1.48013	0.04015	0.0395	2.25E-05	2.97E-07	3.11E-07	1.61E-05	1.44E-05	1.41E-07	1.38E-07	5.3573E-05
607478.35	4201723.23	14772.00555	0.03777	0.03876	1.45802	1.30447	0.03872	0.03809	2.09E-05	2.27E-07	2.36E-07	1.42E-05	1.27E-05	1.36E-07	1.33E-07	4.8256E-05
607481.85	4202348.62	9827.47323	0.01383	0.01397	0.53687	0.50762	0.02897	0.02855	1.39E-05	8.33E-08	8.52E-08	5.24E-06	4.94E-06	1.01E-07	9.98E-08	2.4230E-05
607481.85	4202398.62	9434.65086	0.01296	0.01309	0.46405	0.44251	0.02812	0.02771	1.33E-05	7.80E-08	7.98E-08	4.53E-06	4.30E-06	9.85E-08	9.68E-08	2.2321E-05
607481.85	4202448.62	9091.16891	0.01223	0.01234	0.40605	0.39012	0.02739	0.027	1.28E-05	7.36E-08	7.53E-08	3.97E-06	3.79E-06	9.59E-08	9.44E-08	2.0750E-05
607481.85	4202498.62	8766.08908	0.01158	0.01168	0.35797	0.34618	0.02672	0.02634	1.24E-05	6.97E-08	7.12E-08	3.50E-06	3.37E-06	9.36E-08	9.20E-08	1.9386E-05
607481.85	4202548.62	8453.69761	0.01099	0.01108	0.31586	0.3073	0.02607	0.02572	1.19E-05	6.62E-08	6.76E-08	3.08E-06	2.99E-06	9.13E-08	8.99E-08	1.8149E-05
607482.45	4201664.05	15337.68074	0.04407	0.0454	1.49578	1.34074	0.03931	0.03867	2.17E-05	2.65E-07	2.77E-07	1.46E-05	1.30E-05	1.38E-07	1.35E-07	4.9855E-05
607482.71	4201528.05	16923.45761	0.06661	0.06957	1.34591	1.25231	0.04094	0.04029	2.39E-05	4.01E-07	4.24E-07	1.31E-05	1.22E-05	1.43E-07	1.41E-07	5.0054E-05
607483.15	4201562.79	16523.59446	0.05944	0.06182	1.45992	1.33656	0.04059	0.03995	2.33E-05	3.58E-07	3.77E-07	1.43E-05	1.30E-05	1.42E-07	1.40E-07	5.1332E-05
607493.12	4201817.49	13745.30888	0.03114	0.03182	1.10263	1.0183	0.03684	0.03625	1.94E-05	1.88E-07	1.94E-07	1.08E-05	9.90E-06	1.29E-07	1.27E-07	4.0470E-05
607496.96	4201155.79	21079.51954	0.49414	0.57844	0.67074	0.59536	0.03985	0.03946	2.98E-05	2.98E-06	3.53E-06	6.55E-06	5.79E-06	1.40E-07	1.38E-07	4.8621E-05
607496.96	4201172.31	20860.75617	0.4381	0.50989	0.69995	0.62616	0.04007	0.03966	2.95E-05	2.64E-06	3.11E-06	6.84E-06	6.09E-06	1.40E-07	1.39E-07	4.8141E-05
607496.96	4201188.83	20645.65943	0.38865	0.44945	0.72503	0.65351	0.04027	0.03984	2.92E-05	2.34E-06	2.74E-06	7.08E-06	6.36E-06	1.41E-07	1.39E-07	4.7682E-05
607496.96	4201205.35	20434.63793	0.34531	0.39653	0.74639	0.67761	0.04044	0.04	2.89E-05	2.08E-06	2.42E-06	7.29E-06	6.59E-06	1.42E-07	1.40E-07	4.7243E-05
607496.96	4201221.87	20227.05662	0.30757	0.35055	0.76459	0.69872	0.0406	0.04014	2.86E-05	1.85E-06	2.14E-06	7.47E-06	6.80E-06	1.42E-07	1.40E-07	4.6825E-05
607498.23	4201770.36	14123.59009	0.03464	0.03547	1.13003	1.03615	0.03727	0.03667	2.00E-05	2.09E-07	2.16E-07	1.10E-05	1.01E-05	1.30E-07	1.28E-07	4.1488E-05
607498.79	4201747.08	14340.10759	0.03657	0.0375	1.16196	1.06117	0.03756	0.03696	2.03E-05	2.20E-07	2.29E-07	1.13E-05	1.03E-05	1.32E-07	1.29E-07	4.2373E-05
607499.22	4201472.89	17309.34888	0.08322	0.0877	1.01672	0.96236	0.04063	0.04001	2.45E-05	5.01E-07	5.35E-07	9.93E-06	9.36E-06	1.42E-07	1.40E-07	4.4775E-05
607502.35	4201677.74	14987.72108	0.04362	0.04493	1.2158	1.10683	0.03831	0.03769	2.12E-05	2.63E-07	2.74E-07	1.19E-05	1.08E-05	1.34E-07	1.32E-07	4.4346E-05
607506.75	4201731.18	14424.15287	0.03837	0.03938	1.11135	1.01767	0.03746	0.03686	2.04E-05	2.31E-07	2.40E-07	1.09E-05	9.90E-06	1.31E-07	1.29E-07	4.1597E-05
607507.9	4201522.4	16647.34427	0.07034	0.0736	1.05256	0.99136	0.03989	0.03927	2.35E-05	4.24E-07	4.49E-07	1.03E-05	9.64E-06	1.40E-07	1.37E-07	4.4309E-05
607509.64	4201539.77	16437.62797	0.06649	0.06941	1.07456	1.0071	0.03966	0.03905	2.32E-05	4.00E-07	4.23E-07	1.05E-05	9.79E-06	1.39E-07	1.36E-07	4.4332E-05
607510.51	4201563.23	16175.27396	0.06168	0.0642	1.11004	1.03317	0.03941	0.03879	2.28E-05	3.71E-07	3.92E-07	1.08E-05	1.00E-05	1.38E-07	1.36E-07	4.4500E-05
607517.46	4201473.76	17034.00661	0.08478	0.08937	0.88571	0.84227	0.03984	0.03924	2.41E-05	5.10E-07	5.45E-07	8.65E-06	8.19E-06	1.39E-07	1.37E-07	4.1959E-05
607518.78	4201606.08	15565.02106	0.0546	0.05659	1.06714	0.98983	0.0385	0.0379	2.20E-05	3.29E-07	3.45E-07	1.04E-05	9.63E-06	1.35E-07	1.32E-07	4.2709E-05
607520.45	4201073.19	21649.05655	0.76502	0.88343	0.38852	0.33828	0.0377	0.03741	3.06E-05	4.61E-06	5.39E-06	3.79E-06	3.29E-06	1.32E-07	1.31E-07	4.7660E-05
607520.45	4201089.71	21424.34453	0.6925	0.80196	0.4284	0.37487	0.03801	0.0377	3.03E-05	4.17E-06	4.89E-06	4.18E-06	3.65E-06	1.33E-07	1.32E-07	4.7155E-05
607520.45	4201106.23	21202.10575	0.62457	0.72371	0.46554	0.40986	0.03829	0.03796	2.99E-05	3.76E-06	4.41E-06	4.55E-06	3.99E-06	1.34E-07	1.33E-07	4.6657E-05
607520.45	4201122.75	20982.67899	0.56204	0.65031	0.49929	0.44258	0.03856	0.03821	2.96E-05	3.38E-06	3.97E-06	4.88E-06	4.30E-06	1.35E-07	1.34E-07	4.6171E-05
607520.45	4201155.79	20553.58536	0.454	0.5219	0.5566	0.50017	0.03902	0.03864	2.90E-05	2.73E-06	3.18E-06	5.44E-06	4.86E-06	1.37E-07	1.35E-07	4.5251E-05
607520.45	4201172.31	20344.21043	0.40796	0.46708	0.58068	0.52516	0.03922	0.03882	2.87E-05	2.46E-06	2.85E-06	5.67E-06	5.11E-06	1.37E-07	1.36E-07	4.4822E-05
607520.45	4201188.83	20138.48428	0.36667	0.41795	0.60204	0.54779	0.0394	0.03898	2.84E-05	2.21E-06	2.55E-06	5.88E-06	5.33E-06	1.38E-07	1.36E-07	4.4411E-05
607520.45	4201205.35	19936.62337	0.32976	0.37404	0.62088	0.5682	0.03956	0.03913	2.82E-05	1.99E-06	2.28E-06	6.06E-06	5.53E-06	1.39E-07	1.37E-07	4.4019E-05
607520.45	4201221.87	19738.00495	0.29694	0.33501	0.63746	0.58651	0.0397	0.03925	2.79E-05	1.79E-06	2.04E-06	6.23E-06	5.70E-06	1.39E-07	1.37E-07	4.3642E-05
607523.01	4201691.84	14638.82318	0.04313	0.0444	1.00933	0.93066	0.0373	0.03671	2.07E-05	2.60E-07	2.71E-07	9.86E-06	9.05E-06	1.31E-07	1.28E-07	4.0117E-05
607531.85	4202348.62	9661.43999	0.01419	0.01434	0.43667	0.41628	0.02774	0.02734	1.36E-05	8.54E-08	8.75E-08	4.26E-06	4.05E-06	9.71E-08	9.55E-08	2.2133E-05
607531.85	4202398.62	9288.24223	0.01329	0.01341	0.38549	0.36979	0.02694	0.02656	1.31E-05	8.00E-08	8.18E-08	3.76E-06	3.60E-06	9.43E-08	9.28E-08	2.0643E-05
607531.85	4202448.62	8943.20362	0.01248	0.01259	0.34038	0.32854	0.02622	0.02586	1.26E-05	7.51E-08	7.68E-08	3.32E-06	3.20E-06	9.18E-08	9.04E-08	1.9304E-05
607531.85	4202498.62	8649.22602	0.01184	0.01194	0.3042	0.29522	0.02563	0.02528	1.22E-05	7.13E-08	7.28E-08	2.97E-06	2.87E-06	8.97E-08	8.83E-08	1.8204E-05
607531.85	4202548.62	8353.7951	0.01123	0.01133	0.27017	0.26359	0.02504	0.02471	1.18E-05	6.76E-08	6.91E-08	2.64E-06	2.56E-06	8.77E-08	8.64E-08	1.7139E-05
607535.76	4201644.98	14959.17594	0.04965	0.05131	0.93067	0.86536	0.03734	0.03675	2.11E-05	2.99E-07	3.13E-07	9.09E-06	8.42E-06	1.31E-07	1.28E-07	3.9248E-05
607540.71	4201675.39	14615.00158	0.04596	0.04739	0.88984	0.82763	0.0368	0.03622	2.06E-05	2.77E-07	2.89E-07	8.69E-06	8.05E-06	1.29E-07	1.27E-07	3.7950E-05
607541.39	4201808.98	13462.34688	0.03357	0.03435	0.80291	0.75331	0.03524	0.03469	1.90E-05	2.02E-07	2.10E-07	7.84E-06	7.33E-06	1.23E-07	1.21E-07	3.4596E-05
607543.94	4201073.19	21097.15181	0.67309	0.7646	0.3396	0.29995	0.037	0.03671	2.98E-05	4.05E-06	4.66E-06	3.32E-06	2.92E-06	1.30E-07	1.28E-07	4.4752E-05
607543.94	4201089.71	20882.95637	0.61434	0.69934	0.37052	0.32873	0.03728	0.03697	2.95E-05	3.70E-06	4.27E-06	3.62E-06	3.20E-06	1.31E-07	1.29E-07	4.4279E-05
607543.94	4201106.23	20670.8446	0.55925	0.63694	0.39954	0.35637	0.03754	0.03722	2.92E-05	3.37E-06	3.89E-06	3.90E-06	3.47E-06	1.31E-07	1.30E-07	4.3820E-05
607543.94	4201122.75	20461.32099	0.50827	0.57831	0.42625	0.3824	0.03779	0.03744	2.89E-05	3.06E-06	3.53E-06	4.16E-06	3.72E-06	1.32E-07	1.31E-07	4.3373E-05
607543.94	4201172.31	19850.20379	0.38057	0.42965	0.49259	0.44952	0.0384	0.03801	2.80E-05	2.29E-06	2.62E-06	4.81E-06	4.37E-06	1.34E-07	1.33E-07	4.2135E-05
607546.5	4201792.51	13564.09562	0.03502	0.03586	0.79256	0.74321	0.03527	0.03472	1.92E-05	2.11E-07	2.19E-07	7.74E-06	7.23E-06	1.23E-07	1.21E-07	3.4558E-05
607553.31	4201751.62	13845.9221	0.0387	0.03972	0.785	0.73526	0.03551	0.03496	1.96E-05	2.33E-07	2.42E-07	7.67E-06	7.15E-06	1.24E-07	1.22E-07	3.4851E-05
607553.44	4201659.83	14632.61756	0.04862	0.0502	0.8176	0.76473	0.03649	0.03592	2.07E-05	2.93E-07	3.06E-07	7.98E-06	7.44E-06	1.28E-07	1.26E-07	3.6691E-05
607558.28	4201479.41	16404.93888	0.08617	0.09072	0.68349	0.65433	0.03815	0.03758	2.32E-05	5.19E-07	5.53E-07	6.67E-06	6.36E-06	1.34E-07	1.31E-07	3.7284E-05
607563.06	4201541.51	15751.19408	0.07007	0.0732	0.72709	0.69079	0.03749	0.03693	2.22E-05	4.22E-07	4.47E-07	7.10E-06	6.72E-06	1.31E-07	1.29E-07	3.6937E-05
607563.93	4201561.49	15544.28077	0.06587	0.06866	0.73819	0.69986	0.03727	0.03671	2.20E-05	3.97E-07	4.19E-07	7.21E-06	6.81E-06	1.30E-07	1.28E-07	3.6788E-05
607564.36	4201522.4	15913.87511	0.07468	0.07819	0.70263	0.66988	0.0376	0.03703	2.25E-05	4.50E-07	4.77E-07	6.86E-06	6.52E-06	1.32E-07	1.29E-07	3.6783E-05
607566.53	4201581.9	15287.28108	0.06207	0.06455	0.73937	0.69984	0.03692	0.03636	2.16E-05	3.74E-07	3.94E-07	7.22E-06	6.81E-06	1.29E-07	1.27E-07	3.6389E-05
607567.43	4201073.19	20569.73346	0.60098	0.67345	0.3009	0.26892	0.0363	0.03602	2.91E-05	3.62E-06	4.11E-06	2.94E-06	2.62E-06	1.27E-07	1.26E-07	4.2337E-05
607567.43	4201089.71	20365.27698	0.55221	0.6198	0.32552	0.2921	0.03657	0.03626	2.88E-05	3.33E-06	3.78E-06	3.18E-06	2.84E-06	1.28E-07	1.27E-07	4.1893E-05
607567.43	4201106.23	20162.75963	0.50643	0.56867	0.34878	0.31443	0.03681	0.03649	2.85E-05	3.05E-06	3.47E-06	3.41E-06	3.06E-06	1.29E-07	1.28E-07	4.1464E-05
607567.43	4201122.75	19962.30909	0.46389	0.52056	0.37041	0.33561	0.03704	0.0367	2.82E-05	2.79E-06	3.18E-06	3.62E-06	3.26E-06	1.30E-07	1.28E-07	4.1048E-05
607571.31	4201602.75	15000.37198	0.0584	0.06061	0.72424	0.68474	0.03646	0.03591	2.12E-05	3.52E-07	3.70E-07	7.07E-06	6.66E-06	1.28E-07	1.25E-07	3.5643E-05
607571.44	4201713.55	13991.26805	0.04318	0.04443	0.71677	0.67428	0.03525	0.03471	1.98E-05	2.60E-07	2.71E-07	7.00E-06	6.56E-06	1.23E-07	1.21E-07	3.3852E-05
607574.23	4201809.28	13243.09319	0.03488	0.03571	0.66869	0.63408	0.03419	0.03367	1.87E-05	2.10E-07	2.18E-07	6.53E-06	6.17E-06	1.20E-07	1.18E-07	3.1832E-05
607577.16	4201791.94	13368.59213	0.03636	0.03726	0.66812	0.63306	0.03431	0.03379	1.89E-05	2.19E-07	2.27E-07	6.52E-06	6.16E-06	1.20E-07	1.18E-07	3.2012E-05
607579.99	4201477.67	16126.95159	0.08792	0.09254	0.60168	0.57752	0.03732	0.03677	2.28E-05	5.29E-07	5.64E-07	5.88E-06	5.62E-06	1.31E-07	1.28E-07	3.5367E-05
607581.63	4201694.49	14048.77148	0.04571	0.0471	0.67825	0.6397	0.03508	0.03454	1.98E-05	2.75E-07	2.87E-07	6.62E-06	6.22E-06	1.23E-07	1.21E-07	3.3253E-05
607581.85	4202348.62	9486.80852	0.01461	0.01475	0.36314	0.34846	0.02657	0.0262	1.34E-05	8.80E-08	9.00E-08	3.55E-06	3.39E-06	9.30E-08	9.16E-08	2.0514E-05
607581.85	4202398.62	9136.15288	0.01366	0.01378	0.32522	0.31357	0.02583	0.02547	1.29E-05	8.23E-08	8.41E-08	3.18E-06	3.05E-06	9.04E-08	8.90E-08	1.9297E-05
607581.85	4202448.62	8818.11662	0.01284	0.01295	0.29135	0.2823	0.02517	0.02484	1.25E-05	7.73E-08	7.90E-08	2.85E-06	2.75E-06	8.81E-08	8.68E-08	1.8203E-05
607581.85	4202498.62	8530.16826	0.01214	0.01224	0.26168	0.25474	0.02461	0.02428	1.20E-05	7.31E-08	7.47E-08	2.56E-06	2.48E-06	8.62E-08	8.48E-08	1.7230E-05
607581.85	4202548.62	8248.35332	0.0115	0.0116	0.23392	0.22878	0.02406	0.02375	1.17E-05	6.92E-08	7.08E-08	2.28E-06	2.23E-06	8.42E-08	8.30E-08	1.6301E-05
607583.98	4201765.25	13536.43259	0.03892	0.03994	0.65778	0.62226	0.03441	0.03388	1.91E-05	2.34E-07	2.44E-07	6.42E-06	6.05E-06	1.20E-07	1.18E-07	3.2075E-05
607584.55	4201620.93	14677.22018	0.05599	0.05801	0.6709	0.63503	0.03576	0.03522	2.07E-05	3.37E-07	3.54E-07	6.55E-06	6.18E-06	1.25E-07	1.23E-07	3.4152E-05
607588.25	4201535.86	15495.53744	0.0728	0.07608	0.62055	0.59248	0.03658	0.03604	2.19E-05	4.38E-07	4.64E-07	6.06E-06	5.76E-06	1.28E-07	1.26E-07	3.4613E-05
607590.92	4201023.63	20655.07771	0.68027	0.74702	0.20654	0.18506	0.03479	0.03455	2.92E-05	4.10E-06	4.56E-06	2.02E-06	1.80E-06	1.22E-07	1.21E-07	4.1647E-05
607590.92	4201040.15	20458.09705	0.63248	0.69706	0.22768	0.20435	0.03508	0.03483	2.89E-05	3.81E-06	4.25E-06	2.22E-06	1.99E-06	1.23E-07	1.22E-07	4.1170E-05
607590.92	4201056.67	20261.37319	0.5867	0.6485	0.24883	0.22388	0.03536	0.0351	2.86E-05	3.53E-06	3.96E-06	2.43E-06	2.18E-06	1.24E-07	1.23E-07	4.0717E-05
607590.92	4201073.19	20065.24471	0.54305	0.60156	0.26959	0.24332	0.03563	0.03534	2.83E-05	3.27E-06	3.67E-06	2.63E-06	2.37E-06	1.25E-07	1.23E-07	4.0282E-05
607590.92	4201089.71	19870.08284	0.50174	0.55652	0.28963	0.26237	0.03587	0.03557	2.81E-05	3.02E-06	3.39E-06	2.83E-06	2.55E-06	1.26E-07	1.24E-07	3.9864E-05
607590.92	4201106.23	19676.35401	0.46294	0.5137	0.30867	0.28076	0.0361	0.03578	2.78E-05	2.79E-06	3.13E-06	3.01E-06	2.73E-06	1.26E-07	1.25E-07	3.9460E-05
607590.92	4201122.75	19483.85197	0.42678	0.47335	0.32651	0.29829	0.03631	0.03597	2.75E-05	2.57E-06	2.89E-06	3.19E-06	2.90E-06	1.27E-07	1.26E-07	3.9069E-05
607597.59	4201692.32	13924.66944	0.04671	0.04814	0.62107	0.58815	0.03455	0.03403	1.97E-05	2.81E-07	2.94E-07	6.07E-06	5.72E-06	1.21E-07	1.19E-07	3.2030E-05
607598.67	4201478.97	15867.11373	0.08831	0.09287	0.54574	0.52473	0.03661	0.03608	2.24E-05	5.32E-07	5.67E-07	5.33E-06	5.10E-06	1.28E-07	1.26E-07	3.3945E-05
607600.11	4201587.7	14844.05867	0.06272	0.06518	0.60704	0.57822	0.03559	0.03506	2.10E-05	3.78E-07	3.98E-07	5.93E-06	5.62E-06	1.25E-07	1.23E-07	3.3295E-05

607607.03	4201729.35	13643.63353	0.04335	0.04458	0.59427	0.5644	0.03405	0.03354	1.93E-05	2.61E-07	2.72E-07	5.80E-06	5.49E-06	1.19E-07	1.17E-07	3.1098E-05
607607.79	4201535.43	15265.07485	0.0738	0.07708	0.55754	0.53371	0.03587	0.03535	2.16E-05	4.44E-07	4.70E-07	5.44E-06	5.19E-06	1.26E-07	1.24E-07	3.3113E-05
607610.72	4201606.08	14541.99654	0.05974	0.06198	0.57699	0.54977	0.03499	0.03447	2.05E-05	3.60E-07	3.78E-07	5.63E-06	5.35E-06	1.23E-07	1.20E-07	3.2261E-05
607614.41	4201023.63	20144.20557	0.61434	0.66899	0.19146	0.173	0.03418	0.03394	2.85E-05	3.70E-06	4.08E-06	1.87E-06	1.68E-06	1.20E-07	1.19E-07	3.9787E-05
607614.41	4201040.15	19955.87823	0.57282	0.62566	0.20905	0.18925	0.03446	0.03421	2.82E-05	3.45E-06	3.82E-06	2.04E-06	1.84E-06	1.21E-07	1.20E-07	3.9337E-05
607614.41	4201056.67	19768.30098	0.53321	0.5838	0.22657	0.20561	0.03472	0.03445	2.79E-05	3.21E-06	3.56E-06	2.21E-06	2.00E-06	1.22E-07	1.20E-07	3.8908E-05
607614.41	4201073.19	19581.10139	0.49558	0.54357	0.24375	0.22184	0.03497	0.03468	2.77E-05	2.98E-06	3.32E-06	2.38E-06	2.16E-06	1.22E-07	1.21E-07	3.8498E-05
607614.41	4201089.71	19394.40461	0.46001	0.50511	0.26035	0.23775	0.03519	0.03489	2.74E-05	2.77E-06	3.08E-06	2.54E-06	2.31E-06	1.23E-07	1.22E-07	3.8102E-05
607614.41	4201106.23	19209.2604	0.42657	0.46859	0.27621	0.25315	0.0354	0.03509	2.71E-05	2.57E-06	2.86E-06	2.70E-06	2.46E-06	1.24E-07	1.23E-07	3.7721E-05
607615.67	4201566.48	14896.07673	0.06754	0.07031	0.54952	0.52576	0.03531	0.03479	2.10E-05	4.07E-07	4.29E-07	5.37E-06	5.11E-06	1.24E-07	1.22E-07	3.2357E-05
607618.06	4201676.37	13865.7466	0.04953	0.05111	0.55898	0.53174	0.03402	0.03351	1.96E-05	2.98E-07	3.12E-07	5.46E-06	5.17E-06	1.19E-07	1.17E-07	3.0827E-05
607620.62	4201625.88	14256.62321	0.05679	0.05882	0.54991	0.52417	0.03443	0.03392	2.01E-05	3.42E-07	3.59E-07	5.37E-06	5.10E-06	1.21E-07	1.19E-07	3.1307E-05
607623.86	4201478.54	15544.28673	0.08914	0.09364	0.48182	0.46411	0.0357	0.03519	2.20E-05	5.37E-07	5.71E-07	4.71E-06	4.51E-06	1.25E-07	1.23E-07	3.2285E-05
607628.27	4201709.56	13608.7644	0.04634	0.04773	0.53706	0.51165	0.03354	0.03305	1.92E-05	2.79E-07	2.91E-07	5.24E-06	4.98E-06	1.17E-07	1.15E-07	3.0015E-05
607631.24	4201526.31	15064.06802	0.07672	0.08015	0.49112	0.47174	0.03511	0.03461	2.13E-05	4.62E-07	4.89E-07	4.80E-06	4.59E-06	1.23E-07	1.21E-07	3.1614E-05
607631.85	4202348.62	9308.43381	0.01504	0.0152	0.3072	0.29627	0.02547	0.02512	1.31E-05	9.06E-08	9.27E-08	3.00E-06	2.88E-06	8.92E-08	8.78E-08	1.9214E-05
607631.85	4202398.62	8971.49696	0.01403	0.01417	0.2774	0.26861	0.02477	0.02444	1.27E-05	8.45E-08	8.64E-08	2.71E-06	2.61E-06	8.67E-08	8.54E-08	1.8165E-05
607631.85	4202448.62	8691.43455	0.01322	0.01334	0.2521	0.24508	0.0242	0.02388	1.23E-05	7.96E-08	8.14E-08	2.46E-06	2.38E-06	8.47E-08	8.35E-08	1.7284E-05
607631.85	4202498.62	8414.556	0.01247	0.01258	0.22784	0.2224	0.02366	0.02336	1.19E-05	7.51E-08	7.67E-08	2.23E-06	2.16E-06	8.28E-08	8.16E-08	1.6426E-05
607631.85	4202548.62	8145.14927	0.0118	0.0119	0.20493	0.20085	0.02316	0.02286	1.15E-05	7.11E-08	7.26E-08	2.00E-06	1.95E-06	8.11E-08	7.99E-08	1.5604E-05
607636.96	4201667.56	13772.82046	0.05147	0.05315	0.5105	0.48735	0.0335	0.03301	1.95E-05	3.10E-07	3.24E-07	4.99E-06	4.74E-06	1.17E-07	1.15E-07	2.9814E-05
607637.9	4201023.63	19654.64336	0.5602	0.60543	0.17813	0.16215	0.03358	0.03335	2.78E-05	3.37E-06	3.69E-06	1.74E-06	1.58E-06	1.18E-07	1.17E-07	3.8147E-05
607637.9	4201040.15	19476.12262	0.5237	0.5674	0.19297	0.176	0.03384	0.0336	2.75E-05	3.15E-06	3.46E-06	1.88E-06	1.71E-06	1.18E-07	1.17E-07	3.7722E-05
607637.9	4201056.67	19296.05512	0.489	0.53089	0.20769	0.18988	0.03409	0.03382	2.73E-05	2.94E-06	3.24E-06	2.03E-06	1.85E-06	1.19E-07	1.18E-07	3.7315E-05
607637.9	4201073.19	19117.19719	0.45612	0.49593	0.22212	0.20363	0.03432	0.03404	2.70E-05	2.75E-06	3.03E-06	2.17E-06	1.98E-06	1.20E-07	1.19E-07	3.6926E-05
607637.9	4201089.71	18939.1568	0.42503	0.46259	0.2361	0.2171	0.03453	0.03423	2.68E-05	2.56E-06	2.82E-06	2.31E-06	2.11E-06	1.21E-07	1.20E-07	3.6551E-05
607637.9	4201106.23	18761.84796	0.3958	0.43097	0.24951	0.23017	0.03472	0.03441	2.65E-05	2.38E-06	2.63E-06	2.44E-06	2.24E-06	1.22E-07	1.20E-07	3.6190E-05
607638.19	4201499.38	15197.39674	0.08359	0.08755	0.46192	0.44486	0.03506	0.03456	2.15E-05	5.03E-07	5.34E-07	4.51E-06	4.33E-06	1.23E-07	1.21E-07	3.1342E-05
607646.08	4201557.29	14643.89973	0.07035	0.07325	0.47058	0.45187	0.03436	0.03387	2.07E-05	4.24E-07	4.47E-07	4.60E-06	4.39E-06	1.20E-07	1.18E-07	3.0546E-05
607647.58	4201700.87	13520.08443	0.04802	0.04949	0.4909	0.46965	0.03304	0.03255	1.91E-05	2.89E-07	3.02E-07	4.79E-06	4.57E-06	1.16E-07	1.14E-07	2.9051E-05
607655.79	4201662.74	13653.5154	0.05286	0.0546	0.46878	0.44882	0.03298	0.0325	1.93E-05	3.18E-07	3.33E-07	4.58E-06	4.37E-06	1.15E-07	1.14E-07	2.8881E-05
607661.39	4201023.63	19186.41066	0.51503	0.55279	0.16628	0.15237	0.033	0.03277	2.71E-05	3.10E-06	3.37E-06	1.62E-06	1.48E-06	1.16E-07	1.15E-07	3.6681E-05
607661.39	4201040.15	19015.56452	0.48261	0.5191	0.17894	0.1643	0.03324	0.033	2.69E-05	2.91E-06	3.17E-06	1.75E-06	1.60E-06	1.16E-07	1.15E-07	3.6279E-05
607661.39	4201056.67	18844.9354	0.45185	0.48688	0.19147	0.17621	0.03347	0.03321	2.66E-05	2.72E-06	2.97E-06	1.87E-06	1.71E-06	1.17E-07	1.16E-07	3.5894E-05
607661.39	4201073.19	18673.36844	0.42275	0.45612	0.20377	0.18799	0.03369	0.03341	2.64E-05	2.55E-06	2.78E-06	1.99E-06	1.83E-06	1.18E-07	1.17E-07	3.5524E-05
607661.39	4201089.71	18502.21939	0.39528	0.42686	0.21569	0.19955	0.03388	0.03359	2.61E-05	2.38E-06	2.60E-06	2.11E-06	1.94E-06	1.19E-07	1.17E-07	3.5167E-05
607661.39	4201106.23	18332.30593	0.36942	0.39912	0.22717	0.21079	0.03406	0.03375	2.59E-05	2.22E-06	2.43E-06	2.22E-06	2.05E-06	1.19E-07	1.18E-07	3.4823E-05
607664.96	4201692.67	13432.45175	0.04954	0.05108	0.45433	0.43576	0.03258	0.03211	1.90E-05	2.98E-07	3.12E-07	4.44E-06	4.24E-06	1.14E-07	1.12E-07	2.8259E-05
607665.17	4201577.8	14234.25086	0.06681	0.06941	0.43833	0.42143	0.03348	0.033	2.01E-05	4.02E-07	4.23E-07	4.28E-06	4.10E-06	1.17E-07	1.15E-07	2.9312E-05
607665.17	4201609.62	13953.03496	0.06096	0.06317	0.44384	0.42607	0.03313	0.03266	1.97E-05	3.67E-07	3.85E-07	4.33E-06	4.14E-06	1.16E-07	1.14E-07	2.8940E-05
607672.95	4201521.22	14619.98649	0.07863	0.08205	0.4055	0.39103	0.03374	0.03327	2.07E-05	4.73E-07	5.01E-07	3.96E-06	3.80E-06	1.18E-07	1.16E-07	2.9389E-05
607675.07	4201495.76	14783.56622	0.08486	0.08874	0.39217	0.37866	0.03384	0.03337	2.09E-05	5.11E-07	5.41E-07	3.83E-06	3.68E-06	1.18E-07	1.17E-07	2.9448E-05
607675.1	4201657.91	13525.15566	0.05414	0.05592	0.4314	0.41412	0.03244	0.03198	1.91E-05	3.26E-07	3.41E-07	4.21E-06	4.03E-06	1.14E-07	1.12E-07	2.8013E-05
607681.85	4202348.62	9143.73827	0.01551	0.01568	0.26397	0.25567	0.02447	0.02415	1.29E-05	9.34E-08	9.56E-08	2.58E-06	2.49E-06	8.57E-08	8.44E-08	1.8170E-05
607681.85	4202398.62	8839.12508	0.01448	0.01463	0.24119	0.23434	0.02384	0.02353	1.25E-05	8.72E-08	8.92E-08	2.36E-06	2.28E-06	8.35E-08	8.22E-08	1.7297E-05
607681.85	4202448.62	8566.27377	0.01361	0.01374	0.22033	0.21481	0.02329	0.02299	1.21E-05	8.20E-08	8.38E-08	2.15E-06	2.09E-06	8.15E-08	8.03E-08	1.6507E-05
607681.85	4202498.62	8301.94425	0.01282	0.01294	0.20037	0.19603	0.02278	0.0225	1.17E-05	7.72E-08	7.89E-08	1.96E-06	1.91E-06	7.98E-08	7.86E-08	1.5747E-05
607681.85	4202548.62	8043.38535	0.01211	0.01222	0.18128	0.17798	0.02231	0.02203	1.14E-05	7.29E-08	7.45E-08	1.77E-06	1.73E-06	7.81E-08	7.70E-08	1.5011E-05
607682.14	4201602.55	13841.66935	0.06253	0.06481	0.41174	0.3961	0.03267	0.0322	1.96E-05	3.77E-07	3.95E-07	4.02E-06	3.85E-06	1.14E-07	1.13E-07	2.8198E-05
607684.88	4201023.63	18737.6168	0.47667	0.50845	0.15574	0.14356	0.03243	0.0322	2.65E-05	2.87E-06	3.10E-06	1.52E-06	1.40E-06	1.14E-07	1.13E-07	3.5357E-05
607684.88	4201040.15	18575.06421	0.4476	0.47835	0.16666	0.15391	0.03266	0.03241	2.62E-05	2.70E-06	2.92E-06	1.63E-06	1.50E-06	1.14E-07	1.13E-07	3.4976E-05
607684.88	4201056.67	18410.82404	0.4201	0.44965	0.17745	0.16424	0.03287	0.03261	2.60E-05	2.53E-06	2.74E-06	1.73E-06	1.60E-06	1.15E-07	1.14E-07	3.4609E-05
607684.88	4201073.19	18247.41936	0.3941	0.42233	0.18803	0.17445	0.03307	0.03279	2.58E-05	2.37E-06	2.58E-06	1.84E-06	1.70E-06	1.16E-07	1.15E-07	3.4258E-05
607684.88	4201089.71	18083.96519	0.36956	0.39637	0.19833	0.18447	0.03325	0.03296	2.55E-05	2.23E-06	2.42E-06	1.94E-06	1.79E-06	1.16E-07	1.15E-07	3.3919E-05
607684.88	4201106.23	17921.10094	0.34646	0.37177	0.20827	0.19423	0.03342	0.03311	2.53E-05	2.09E-06	2.27E-06	2.03E-06	1.89E-06	1.17E-07	1.16E-07	3.3592E-05
607687.16	4201688.32	13277.61049	0.05062	0.0522	0.41342	0.39764	0.03196	0.0315	1.88E-05	3.05E-07	3.18E-07	4.04E-06	3.87E-06	1.12E-07	1.10E-07	2.7283E-05
607689.92	4201541.02	14271.7297	0.07446	0.0775	0.38444	0.37112	0.03303	0.03256	2.02E-05	4.48E-07	4.73E-07	3.75E-06	3.61E-06	1.16E-07	1.14E-07	2.8445E-05
607691.99	4201650.19	13429.26199	0.0556	0.05745	0.4018	0.38653	0.032	0.03155	1.90E-05	3.35E-07	3.50E-07	3.92E-06	3.76E-06	1.12E-07	1.10E-07	2.7338E-05
607694.87	4201484.45	14633.6727	0.0877	0.0917	0.35837	0.34654	0.03328	0.03282	2.07E-05	5.28E-07	5.59E-07	3.50E-06	3.37E-06	1.17E-07	1.15E-07	2.8629E-05
607700.53	4201594.06	13723.12068	0.06424	0.06659	0.38076	0.36703	0.03218	0.03172	1.94E-05	3.87E-07	4.06E-07	3.72E-06	3.57E-06	1.13E-07	1.11E-07	2.7466E-05
607708.37	4201023.63	18307.11376	0.44363	0.47059	0.14633	0.1356	0.03187	0.03164	2.59E-05	2.67E-06	2.87E-06	1.43E-06	1.32E-06	1.12E-07	1.11E-07	3.4150E-05
607708.37	4201040.15	18151.30477	0.4174	0.4435	0.15583	0.14468	0.03209	0.03184	2.56E-05	2.51E-06	2.71E-06	1.52E-06	1.41E-06	1.12E-07	1.11E-07	3.3788E-05
607708.37	4201056.67	17994.72307	0.3926	0.41773	0.16521	0.15371	0.03228	0.03202	2.54E-05	2.36E-06	2.55E-06	1.61E-06	1.49E-06	1.13E-07	1.12E-07	3.3439E-05
607708.4	4201680.6	13138.35892	0.05203	0.05367	0.37998	0.36634	0.03138	0.03094	1.86E-05	3.13E-07	3.27E-07	3.71E-06	3.56E-06	1.10E-07	1.08E-07	2.6473E-05
607715.16	4201646.81	13253.24981	0.0565	0.05837	0.36694	0.35388	0.03137	0.03093	1.87E-05	3.40E-07	3.56E-07	3.58E-06	3.44E-06	1.10E-07	1.08E-07	2.6443E-05
607715.38	4201481.62	14412.42135	0.08816	0.09211	0.33082	0.32029	0.03264	0.0322	2.04E-05	5.31E-07	5.62E-07	3.23E-06	3.12E-06	1.14E-07	1.13E-07	2.7797E-05
607716.09	4201541.02	13973.43144	0.07448	0.07745	0.34788	0.33641	0.03218	0.03174	1.97E-05	4.48E-07	4.72E-07	3.40E-06	3.27E-06	1.13E-07	1.11E-07	2.7329E-05
607720.33	4201594.77	13522.65597	0.06426	0.06657	0.35278	0.34061	0.03157	0.03113	1.91E-05	3.87E-07	4.06E-07	3.45E-06	3.31E-06	1.11E-07	1.09E-07	2.6653E-05
607731.85	4202348.62	8983.89604	0.01595	0.01614	0.2295	0.22304	0.02354	0.02323	1.27E-05	9.60E-08	9.85E-08	2.24E-06	2.17E-06	8.24E-08	8.12E-08	1.7295E-05
607731.85	4202398.62	8709.38719	0.01492	0.01508	0.21168	0.20626	0.02297	0.02268	1.23E-05	8.98E-08	9.20E-08	2.07E-06	2.01E-06	8.04E-08	7.93E-08	1.6558E-05
607731.85	4202448.62	8443.65914	0.01399	0.01413	0.19428	0.18986	0.02244	0.02217	1.19E-05	8.42E-08	8.62E-08	1.90E-06	1.85E-06	7.86E-08	7.75E-08	1.5842E-05
607731.85	4202498.62	8186.40899	0.01316	0.01328	0.17752	0.17401	0.02195	0.02169	1.16E-05	7.92E-08	8.10E-08	1.73E-06	1.69E-06	7.69E-08	7.58E-08	1.5150E-05
607731.85	4202548.62	7941.50284	0.01242	0.01253	0.16164	0.15893	0.02151	0.02125	1.12E-05	7.48E-08	7.64E-08	1.58E-06	1.55E-06	7.53E-08	7.43E-08	1.4493E-05
607733.02	4201646.81	13100.18909	0.05671	0.05857	0.34346	0.33177	0.03087	0.03044	1.85E-05	3.41E-07	3.57E-07	3.35E-06	3.23E-06	1.08E-07	1.06E-07	2.5785E-05
607733.02	4201674.32	12962.52527	0.05316	0.05483	0.34631	0.33464	0.03072	0.0303	1.83E-05	3.20E-07	3.34E-07	3.38E-06	3.25E-06	1.08E-07	1.06E-07	2.5602E-05
607737.3	4201483.03	14146.2505	0.08741	0.09119	0.3065	0.29707	0.03195	0.03152	2.00E-05	5.26E-07	5.56E-07	2.99E-06	2.89E-06	1.12E-07	1.10E-07	2.6948E-05
607748.62	4201581.33	13338.07947	0.06653	0.06892	0.31648	0.30627	0.03086	0.03044	1.88E-05	4.01E-07	4.20E-07	3.09E-06	2.98E-06	1.08E-07	1.06E-07	2.5731E-05
607751.45	4201596.89	13213.2842	0.06395	0.06618	0.31556	0.30536	0.03067	0.03025	1.87E-05	3.85E-07	4.04E-07	3.08E-06	2.97E-06	1.07E-07	1.06E-07	2.5505E-05
607754.26	4201674.32	12784.42141	0.05333	0.05497	0.32126	0.311	0.03014	0.02973	1.81E-05	3.21E-07	3.35E-07	3.14E-06	3.02E-06	1.06E-07	1.04E-07	2.4877E-05
607754.74	4201641.98	12941.14099	0.0575	0.05936	0.31764	0.3074	0.03031	0.02989	1.83E-05	3.46E-07	3.62E-07	3.10E-06	2.99E-06	1.06E-07	1.04E-07	2.5080E-05
607756.4	4201533.95	13582.73233	0.07544	0.07836	0.2999	0.29061	0.03101	0.03059	1.92E-05	4.54E-07	4.78E-07	2.93E-06	2.83E-06	1.09E-07	1.07E-07	2.5874E-05
607756.4	4201557.99	13419.14832	0.0707	0.07332	0.30445	0.29491	0.03082	0.0304	1.90E-05	4.26E-07	4.47E-07	2.97E-06	2.87E-06	1.08E-07	1.06E-07	2.5670E-05
607759.93	4201485.86	13864.37634	0.08611	0.0897	0.28518	0.27661	0.03124	0.03082	1.96E-05	5.19E-07	5.47E-07	2.78E-06	2.69E-06	1.09E-07	1.08E-07	2.6125E-05
607825.82	4201172.31	15255.79173	0.20523	0.2144	0.15671	0.15023	0.03015	0.02983	2.15E-05	1.24E-06	1.31E-06	1.53E-06	1.46E-06	1.06E-07	1.04E-07	2.7085E-05
607825.82	4201188.83	15131.92562	0.19517	0.20388	0.16121	0.15478	0.03019	0.02987	2.14E-05	1.18E-06	1.24E-06	1.57E-06	1.51E-06	1.06E-07	1.04E-07	2.6874E-05
607825.82	4201205.35	15009.02746	0.1857	0.19395	0.16561	0.15926	0.03021	0.02989	2.12E-05	1.12E-06	1.18E-06	1.62E-06	1.55E-06	1.06E-07	1.04E-07	2.6669E-05
607825.82	4201221.87	14887.79404	0.17676	0.18457	0.16995	0.16366	0.03023	0.0299	2.10E-05	1.06E-06	1.13E-06	1.66E-06	1.59E-06	1.06E-07	1.04E-07	2.6472E-05
607825.82	4201238.39	14767.40126	0.16833	0.17572	0.17423	0.168	0.03024	0.0299	2.09E-05	1.01E-06	1.07E-06	1.70E-06	1.63E-06	1.06E-07	1.04E-07	2.6281E-05
607849.31	4201172.31	14958.63416	0.19737	0.20557	0.14763	0.14181	0.02957	0.02927	2.11E-05	1.19E-06	1.25E-06	1.44E-06	1.38E-06	1.04E-07	1.02E-07	2.6394E-05
607849.31	4201188.83	14838.40092	0.188	0.1958	0.1518	0.14602	0.02961	0.02929	2.10E-05	1.13E-06	1.19E-06	1.48E-06	1.42E-06	1.04E-07	1.02E-07	2.6189E-05
607849.31	4201205.35	14718.39467	0.17915	0.18656	0.15589	0.15015	0.02963	0.02931	2.08E-05	1.08E-06	1.14E-06	1.52E-06	1.46E-06	1.04E-07	1.02E-07	2.5990E-05
607849.31	4201221.87	14600.94745	0.1708	0.17783	0.15992	0.15423	0.02964	0.02931	2.06E-05	1.03E-06	1.08E-06	1.56E-06	1.50E-06	1.04E-07	1.02E-07	2.5800E-05
607849.31	4201238.39	14485.47352	0.16291	0.16958	0.16389	0.15824	0.02964	0.02931	2.05E-05	9.81E-07	1.03E-06	1.60E-06	1.54E-06	1.04E-07	1.02E-07	2.5617E-05
607872.8	4201172.31	14672.06969	0.19005	0.1974	0.1395	0.13425	0.02902	0.02872	2.07E-05	1.14E-06	1.20E-06	1.36E-06	1.31E-06	1.02E-07	1.00E-07	2.5742E-05
607872.8	4201188.83	14555.44805	0.1813	0.18831	0.14336	0.13815	0.02904	0.02874	2.06E-05	1.09E-06	1.15E-06	1.40E-06	1.34E-06	1.02E-07	1.00E-07	2.5545E-05
607872.8	4201205.35	14439.51054	0.17302	0.17969	0.14716	0.14198	0.02906	0.02875	2.04E-05	1.04E-06	1.10E-06	1.44E-06	1.38E-06	1.02E-07	1.00E-07	2.5353E-05
607872.8	4201221.87	14325.0665	0.16519	0.17154	0.1509	0.14576	0.02907	0.02875	2.02E-05	9.95E-07	1.05E-06	1.47E-06	1.42E-06	1.02E-07	1.00E-07	2.5168E-05
607872.8	4201238.39	14212.23006	0.15778	0.16382	0.15458	0.14948	0.02906	0.02874	2.01E-05	9.50E-07	9.99E-07	1.51E-06	1.45E-06	1.02E-07	1.00E-07	2.4989E-05
608186.19	4200733.55	13227.86836	0.26362	0.26706	0.03408	0.03283	0.02086	0.02079	1.87E-05	1.59E-06	1.63E-06	3.33E-07	3.19E-07	7.30E-08	7.27E-08	2.2554E-05
608186.19	4200741.15	13207.6026	0.2604	0.26385	0.03479	0.03351	0.02094	0.02086	1.87E-05	1.57E-06	1.61E-06	3.40E-07	3.26E-07	7.33E-08	7.29E-08	2.2500E-05
608186.19	4200748.75	13187.72766	0.25719	0.26065	0.0355	0.03421	0.02102	0.02094	1.86E-05	1.55E-06	1.59E-06	3.47E-07	3.33E-07	7.36E-08	7.32E-08	2.2447E-05
608186.19	4200756.35	13167.79376	0.254	0.25746	0.03623	0.03491	0.02109	0.02101	1.86E-05	1.53E-06	1.57E-06	3.54E-07	3.40E-07	7.38E-08	7.34E-08	2.2394E-05
608186.19	4200763.95	13147.73209	0.25081	0.25428	0.03696	0.03562	0.02117	0.02108	1.86E-05	1.51E-06	1.55E-06	3.61E-07	3.46E-07	7.41E-08	7.37E-08	2.2341E-05
608186.19	4200771.55	13127.31442	0.24763	0.25111	0.0377	0.03634	0.02124	0.02115	1.85E-05	1.49E-06	1.53E-06	3.68E-07	3.53E-07	7.44E-08	7.39E-08	2.2288E-05
608186.19	4200779.15	13106.50739	0.24446	0.24794	0.03845	0.03706	0.02131	0.02122	1.85E-05	1.47E-06	1.51E-06	3.75E-07	3.60E-07	7.46E-08	7.42E-08	2.2234E-05
608186.19	4200786.75	13085.48383	0.24131	0.2448	0.0392	0.03779	0.02138	0.02129	1.85E-05	1.45E-06	1.49E-06	3.83E-07	3.68E-07	7.49E-08	7.44E-08	2.2181E-05
608186.19	4200794.35	13064.55072	0.23818	0.24167	0.03996	0.03853	0.02145	0.02135	1.85E-05	1.43E-06	1.47E-06	3.90E-07	3.75E-07	7.51E-08	7.46E-08	2.2128E-05
608186.19	4200801.95	13043.72467	0.23508	0.23856	0.04072	0.03928	0.02152	0.02142	1.84E-05	1.42E-06	1.46E-06	3.98E-07	3.82E-07	7.53E-08	7.49E-08	2.2076E-05
608186.19	4200809.55	13022.5124	0.23199	0.23547	0.0415	0.04003	0.02159	0.02148	1.84E-05	1.40E-06	1.44E-06	4.05E-07	3.89E-07	7.56E-08	7.51E-08	2.2023E-05
608186.19	4200817.15	13001.0077	0.22892	0.2324	0.04227	0.04079	0.02165	0.02154	1.84E-05	1.38E-06	1.42E-06	4.13E-07	3.97E-07	7.58E-08	7.53E-08	2.1970E-05
608186.19	4200824.75	12979.08833	0.22588	0.22936	0.04306	0.04155	0.02171	0.0216	1.83E-05	1.36E-06	1.40E-06	4.21E-07	4.04E-07	7.60E-08	7.55E-08	2.1918E-05
608186.19	4200832.35	12956.9739	0.22286	0.22633	0.04384	0.04232	0.02177	0.02166	1.83E-05	1.34E-06	1.38E-06	4.28E-07	4.12E-07	7.62E-08	7.57E-08	2.1865E-05
608186.19	4200839.95	12934.56233	0.21987	0.22333	0.04463	0.0431	0.02183	0.02172	1.83E-05	1.32E-06	1.36E-06	4.36E-07	4.19E-07	7.64E-08	7.59E-08	2.1812E-05
608186.19	4200847.55	12911.89469	0.21691	0.22036	0.04542	0.04387	0.02189	0.02177	1.82E-05	1.31E-06	1.34E-06	4.44E-07	4.27E-07	7.66E-08	7.61E-08	2.1760E-05
608186.19	4200855.15	12888.82463	0.21397	0.21741	0.04622	0.04465	0.02195	0.02183	1.82E-05	1.29E-06	1.33E-06	4.51E-07	4.34E-07	7.69E-08	7.63E-08	2.1707E-05
608186.19	4200862.75	12865.39663	0.21106	0.21449	0.04702	0.04544	0.022	0.02188	1.82E-05	1.27E-06	1.31E-06	4.59E-07	4.42E-07	7.70E-08	7.65E-08	2.1654E-05
608186.19	4200870.35	12841.66739	0.20818	0.2116	0.04782	0.04623	0.02206	0.02193	1.81E-05	1.25E-06	1.29E-06	4.67E-07	4.50E-07	7.72E-08	7.66E-08	2.1601E-05
608193.06	4200733.55	13157.31124	0.25862	0.26198	0.03401	0.03278	0.02079	0.02072	1.86E-05	1.56E-06	1.60E-06	3.32E-07	3.19E-07	7.28E-08	7.24E-08	2.2392E-05
608193.06	4200741.15	13137.48008	0.25551	0.25888	0.03471	0.03345	0.02087	0.02079	1.86E-05	1.54E-06	1.58E-06	3.39E-07	3.25E-07	7.31E-08	7.27E-08	2.2340E-05
608193.06	4200748.75	13117.51548	0.2524	0.25578	0.03542	0.03414	0.02095	0.02087	1.85E-05	1.52E-06	1.56E-06	3.46E-07	3.32E-07	7.34E-08	7.29E-08	2.2287E-05
608193.06	4200756.35	13097.70672	0.2493	0.25269	0.03613	0.03483	0.02102	0.02094	1.85E-05	1.50E-06	1.54E-06	3.53E-07	3.39E-07	7.36E-08	7.32E-08	2.2236E-05
608193.06	4200763.95	13077.97015	0.24621	0.2496	0.03686	0.03553	0.02109	0.02101	1.85E-05	1.48E-06	1.52E-06	3.60E-07	3.46E-07	7.38E-08	7.34E-08	2.2184E-05
608193.06	4200771.55	13057.98157	0.24313	0.24653	0.03759	0.03624	0.02117	0.02108	1.84E-05	1.46E-06	1.50E-06	3.67E-07	3.52E-07	7.41E-08	7.37E-08	2.2133E-05
608193.06	4200779.15	13037.41562	0.24007	0.24347	0.03833	0.03696	0.02124	0.02114	1.84E-05	1.45E-06	1.49E-06	3.74E-07	3.59E-07	7.44E-08	7.39E-08	2.2081E-05
608193.06	4200786.75	13016.63096	0.23701	0.24041	0.03907	0.03768	0.02131	0.02121	1.84E-05	1.43E-06	1.47E-06	3.82E-07	3.66E-07	7.46E-08	7.41E-08	2.2029E-05
608193.06	4200794.35	12995.93646	0.23397	0.23738	0.03982	0.03841	0.02137	0.02128	1.84E-05	1.41E-06	1.45E-06	3.89E-07	3.74E-07	7.48E-08	7.44E-08	2.1977E-05
608193.06	4200801.95	12975.03374	0.23096	0.23436	0.04058	0.03915	0.02144	0.02134	1.83E-05	1.39E-06	1.43E-06	3.96E-07	3.81E-07	7.51E-08	7.46E-08	2.1926E-05
608193.06	4200809.55	12953.86024	0.22796	0.23136	0.04134	0.03989	0.02151	0.0214	1.83E-05	1.37E-06	1.41E-06	4.04E-07	3.88E-07	7.53E-08	7.48E-08	2.1874E-05
608193.06	4200817.15	12932.60933	0.22498	0.22838	0.0421	0.04064	0.02157	0.02146	1.83E-05	1.35E-06	1.39E-06	4.11E-07	3.95E-07	7.55E-08	7.50E-08	2.1822E-05
608193.06	4200824.75	12911.24853	0.22203	0.22543	0.04287	0.04139	0.02163	0.02152	1.82E-05	1.34E-06	1.38E-06	4.19E-07	4.03E-07	7.57E-08	7.52E-08	2.1771E-05
608193.06	4200832.35	12889.58465	0.2191	0.22249	0.04365	0.04215	0.02169	0.02158	1.82E-05	1.32E-06	1.36E-06	4.26E-07	4.10E-07	7.59E-08	7.54E-08	2.1720E-05
608193.06	4200839.95	12867.43578	0.21619	0.21958	0.04442	0.04291	0.02175	0.02163	1.82E-05	1.30E-06	1.34E-06	4.34E-07	4.17E-07	7.62E-08	7.56E-08	2.1669E-05
608193.06	4200847.55	12845.0281	0.21331	0.21669	0.04521	0.04368	0.02181	0.02169	1.81E-05	1.28E-06	1.32E-06	4.42E-07	4.25E-07	7.64E-08	7.58E-08	2.1617E-05
608193.06	4200855.15	12822.23822	0.21046	0.21382	0.04599	0.04445	0.02186	0.02174	1.81E-05	1.27E-06	1.30E-06	4.49E-07	4.32E-07	7.65E-08	7.60E-08	2.1565E-05
608193.06	4200862.75	12799.06652	0.20763	0.21098	0.04678	0.04522	0.02192	0.02179	1.81E-05	1.25E-06	1.29E-06	4.57E-07	4.40E-07	7.67E-08	7.61E-08	2.1513E-05
608193.06	4200870.35	12775.7131	0.20483	0.20817	0.04757	0.046	0.02197	0.02184	1.80E-05	1.23E-06	1.27E-06	4.65E-07	4.47E-07	7.69E-08	7.63E-08	2.1462E-05
608199.93	4200733.55	13087.42709	0.25375	0.25703	0.03394	0.03273	0.02072	0.02065	1.85E-05	1.53E-06	1.57E-06	3.31E-07	3.18E-07	7.25E-08	7.22E-08	2.2233E-05
608199.93	4200741.15	13067.92661	0.25074	0.25403	0.03464	0.0334	0.0208	0.02072	1.85E-05	1.51E-06	1.55E-06	3.38E-07	3.25E-07	7.28E-08	7.24E-08	2.2182E-05
608199.93	4200748.75	13048.07749	0.24773	0.25103	0.03533	0.03407	0.02087	0.02079	1.84E-05	1.49E-06	1.53E-06	3.45E-07	3.31E-07	7.31E-08	7.27E-08	2.2131E-05
608199.93	4200756.35	13028.50168	0.24473	0.24804	0.03604	0.03476	0.02095	0.02086	1.84E-05	1.47E-06	1.51E-06	3.52E-07	3.38E-07	7.34E-08	7.29E-08	2.2080E-05
608199.93	4200763.95	13009.08419	0.24174	0.24505	0.03676	0.03545	0.02102	0.02093	1.84E-05	1.46E-06	1.49E-06	3.59E-07	3.45E-07	7.36E-08	7.31E-08	2.2030E-05
608199.93	4200771.55	12989.31537	0.23875	0.24207	0.03748	0.03615	0.02109	0.021	1.83E-05	1.44E-06	1.48E-06	3.66E-07	3.52E-07	7.38E-08	7.34E-08	2.1980E-05
608199.93	4200779.15	12968.98376	0.23578	0.2391	0.03821	0.03685	0.02116	0.02107	1.83E-05	1.42E-06	1.46E-06	3.73E-07	3.58E-07	7.41E-08	7.36E-08	2.1929E-05
608199.93	4200786.75	12948.53374	0.23282	0.23614	0.03894	0.03757	0.02123	0.02113	1.83E-05	1.40E-06	1.44E-06	3.80E-07	3.65E-07	7.43E-08	7.38E-08	2.1879E-05
608199.93	4200794.35	12927.96977	0.22987	0.2332	0.03968	0.03829	0.0213	0.0212	1.83E-05	1.38E-06	1.42E-06	3.88E-07	3.72E-07	7.46E-08	7.41E-08	2.1828E-05
608199.93	4200801.95	12907.19952	0.22694	0.23027	0.04042	0.03902	0.02136	0.02126	1.82E-05	1.37E-06	1.40E-06	3.95E-07	3.79E-07	7.48E-08	7.43E-08	2.1778E-05
608199.93	4200809.55	12886.17044	0.22402	0.22735	0.04117	0.03975	0.02143	0.02132	1.82E-05	1.35E-06	1.39E-06	4.02E-07	3.87E-07	7.50E-08	7.45E-08	2.1727E-05
608199.93	4200817.15	12865.06477	0.22113	0.22446	0.04193	0.04049	0.02149	0.02138	1.82E-05	1.33E-06	1.37E-06	4.09E-07	3.94E-07	7.52E-08	7.47E-08	2.1677E-05
608199.93	4200824.75	12843.84008	0.21827	0.22159	0.04269	0.04123	0.02155	0.02144	1.81E-05	1.31E-06	1.35E-06	4.17E-07	4.01E-07	7.55E-08	7.49E-08	2.1627E-05
608199.93	4200832.35	12822.62254	0.21543	0.21874	0.04345	0.04198	0.02161	0.02149	1.81E-05	1.30E-06	1.33E-06	4.24E-07	4.08E-07	7.57E-08	7.51E-08	2.1577E-05
608199.93	4200839.95	12800.83616	0.2126	0.21591	0.04422	0.04273	0.02167	0.02155	1.81E-05	1.28E-06	1.32E-06	4.32E-07	4.16E-07	7.59E-08	7.53E-08	2.1527E-05
608199.93	4200847.55	12778.792	0.2098	0.2131	0.04499	0.04348	0.02172	0.0216	1.81E-05	1.26E-06	1.30E-06	4.39E-07	4.23E-07	7.60E-08	7.55E-08	2.1476E-05
608199.93	4200855.15	12756.27365	0.20703	0.21031	0.04576	0.04424	0.02178	0.02165	1.80E-05	1.25E-06	1.28E-06	4.47E-07	4.30E-07	7.63E-08	7.57E-08	2.1426E-05
608199.93	4200862.75	12733.35961	0.20428	0.20755	0.04654	0.045	0.02183	0.0217	1.80E-05	1.23E-06	1.27E-06	4.54E-07	4.38E-07	7.64E-08	7.58E-08	2.1375E-05
608199.93	4200870.35	12710.26844	0.20155	0.20482	0.04732	0.04577	0.02188	0.02175	1.80E-05	1.21E-06	1.25E-06	4.62E-07	4.45E-07	7.66E-08	7.60E-08	2.1324E-05
608206.8	4200733.55	13018.21097	0.24901	0.25222	0.03388	0.03267	0.02065	0.02058	1.84E-05	1.50E-06	1.54E-06	3.31E-07	3.18E-07	7.23E-08	7.19E-08	2.2076E-05
608206.8	4200741.15	12999.03498	0.2461	0.24932	0.03456	0.03333	0.02073	0.02065	1.84E-05	1.48E-06	1.52E-06	3.38E-07	3.24E-07	7.26E-08	7.22E-08	2.2026E-05
608206.8	4200748.75	12979.49821	0.24318	0.24641	0.03525	0.034	0.0208	0.02072	1.83E-05	1.46E-06	1.50E-06	3.44E-07	3.31E-07	7.28E-08	7.24E-08	2.1977E-05
608206.8	4200756.35	12959.94834	0.24027	0.24351	0.03595	0.03468	0.02088	0.02079	1.83E-05	1.45E-06	1.49E-06	3.51E-07	3.37E-07	7.31E-08	7.27E-08	2.1927E-05
608206.8	4200763.95	12940.6424	0.23737	0.24061	0.03665	0.03536	0.02095	0.02086	1.83E-05	1.43E-06	1.47E-06	3.58E-07	3.44E-07	7.34E-08	7.29E-08	2.1878E-05
608206.8	4200771.55	12921.19893	0.23448	0.23773	0.03737	0.03606	0.02102	0.02093	1.83E-05	1.41E-06	1.45E-06	3.65E-07	3.51E-07	7.36E-08	7.31E-08	2.1830E-05
608206.8	4200779.15	12901.20277	0.2316	0.23485	0.03808	0.03676	0.02109	0.02099	1.82E-05	1.39E-06	1.43E-06	3.72E-07	3.58E-07	7.38E-08	7.34E-08	2.1780E-05
608206.8	4200786.75	12880.98223	0.22872	0.23197	0.03881	0.03746	0.02115	0.02106	1.82E-05	1.38E-06	1.42E-06	3.79E-07	3.64E-07	7.41E-08	7.36E-08	2.1731E-05
608206.8	4200794.35	12860.64545	0.22586	0.22912	0.03954	0.03817	0.02122	0.02112	1.82E-05	1.36E-06	1.40E-06	3.86E-07	3.71E-07	7.43E-08	7.38E-08	2.1682E-05
608206.8	4200801.95	12840.10502	0.22302	0.22627	0.04027	0.03889	0.02128	0.02118	1.81E-05	1.34E-06	1.38E-06	3.93E-07	3.78E-07	7.45E-08	7.40E-08	2.1632E-05
608206.8	4200809.55	12819.42065	0.22019	0.22344	0.04101	0.03961	0.02135	0.02124	1.81E-05	1.33E-06	1.36E-06	4.00E-07	3.85E-07	7.48E-08	7.42E-08	2.1583E-05
608206.8	4200817.15	12798.45715	0.21738	0.22063	0.04176	0.04034	0.02141	0.0213	1.81E-05	1.31E-06	1.35E-06	4.08E-07	3.92E-07	7.50E-08	7.44E-08	2.1534E-05
608206.8	4200824.75	12777.16387	0.21459	0.21784	0.04251	0.04107	0.02147	0.02136	1.80E-05	1.29E-06	1.33E-06	4.15E-07	3.99E-07	7.52E-08	7.46E-08	2.1484E-05
608206.8	4200832.35	12756.08019	0.21183	0.21507	0.04326	0.0418	0.02153	0.02141	1.80E-05	1.28E-06	1.31E-06	4.22E-07	4.07E-07	7.54E-08	7.48E-08	2.1435E-05
608206.8	4200839.95	12734.85497	0.20909	0.21232	0.04401	0.04254	0.02158	0.02147	1.80E-05	1.26E-06	1.30E-06	4.30E-07	4.14E-07	7.56E-08	7.50E-08	2.1387E-05
608206.8	4200847.55	12713.17351	0.20637	0.20959	0.04477	0.04329	0.02164	0.02152	1.80E-05	1.24E-06	1.28E-06	4.37E-07	4.21E-07	7.58E-08	7.52E-08	2.1338E-05
608206.8	4200855.15	12690.92045	0.20367	0.20688	0.04554	0.04404	0.02169	0.02157	1.79E-05	1.23E-06	1.26E-06	4.45E-07	4.28E-07	7.59E-08	7.54E-08	2.1288E-05
608206.8	4200862.75	12668.2602	0.201	0.2042	0.0463	0.04479	0.02175	0.02162	1.79E-05	1.21E-06	1.25E-06	4.52E-07	4.36E-07	7.62E-08	7.56E-08	2.1239E-05
608206.8	4200870.35	12645.42899	0.19835	0.20154	0.04707	0.04554	0.0218	0.02167	1.79E-05	1.19E-06	1.23E-06	4.60E-07	4.43E-07	7.63E-08	7.57E-08	2.1189E-05
608213.67	4200733.55	12949.75901	0.2444	0.24754	0.03381	0.03261	0.02058	0.02051	1.83E-05	1.47E-06	1.51E-06	3.30E-07	3.17E-07	7.21E-08	7.17E-08	2.1921E-05
608213.67	4200741.15	12930.90187	0.24158	0.24473	0.03448	0.03327	0.02066	0.02058	1.83E-05	1.45E-06	1.49E-06	3.37E-07	3.24E-07	7.23E-08	7.19E-08	2.1874E-05
608213.67	4200748.75	12911.47049	0.23875	0.24191	0.03516	0.03393	0.02073	0.02065	1.82E-05	1.44E-06	1.48E-06	3.43E-07	3.30E-07	7.26E-08	7.22E-08	2.1825E-05
608213.67	4200756.35	12892.04082	0.23593	0.23909	0.03585	0.0346	0.0208	0.02072	1.82E-05	1.42E-06	1.46E-06	3.50E-07	3.37E-07	7.28E-08	7.24E-08	2.1777E-05
608213.67	4200763.95	12872.7428	0.23312	0.23629	0.03655	0.03528	0.02087	0.02079	1.82E-05	1.40E-06	1.44E-06	3.57E-07	3.43E-07	7.31E-08	7.27E-08	2.1729E-05
608213.67	4200771.55	12853.516	0.23032	0.23349	0.03725	0.03596	0.02094	0.02085	1.82E-05	1.39E-06	1.42E-06	3.64E-07	3.50E-07	7.33E-08	7.29E-08	2.1681E-05
608213.67	4200779.15	12833.85394	0.22752	0.23069	0.03796	0.03665	0.02101	0.02092	1.81E-05	1.37E-06	1.41E-06	3.71E-07	3.56E-07	7.36E-08	7.31E-08	2.1633E-05
608213.67	4200786.75	12813.96486	0.22473	0.22791	0.03868	0.03735	0.02108	0.02098	1.81E-05	1.35E-06	1.39E-06	3.78E-07	3.63E-07	7.38E-08	7.33E-08	2.1585E-05
608213.67	4200794.35	12793.95648	0.22196	0.22514	0.0394	0.03805	0.02114	0.02104	1.81E-05	1.34E-06	1.37E-06	3.85E-07	3.70E-07	7.40E-08	7.35E-08	2.1537E-05
608213.67	4200801.95	12773.6417	0.2192	0.22237	0.04012	0.03876	0.02121	0.0211	1.80E-05	1.32E-06	1.36E-06	3.92E-07	3.77E-07	7.43E-08	7.37E-08	2.1489E-05
608213.67	4200809.55	12753.19399	0.21645	0.21963	0.04085	0.03947	0.02127	0.02116	1.80E-05	1.30E-06	1.34E-06	3.99E-07	3.84E-07	7.45E-08	7.39E-08	2.1441E-05
608213.67	4200817.15	12732.46741	0.21372	0.2169	0.04159	0.04019	0.02133	0.02122	1.80E-05	1.29E-06	1.32E-06	4.06E-07	3.91E-07	7.47E-08	7.42E-08	2.1393E-05
608213.67	4200824.75	12711.41282	0.21101	0.21418	0.04232	0.04091	0.02139	0.02127	1.80E-05	1.27E-06	1.31E-06	4.13E-07	3.98E-07	7.49E-08	7.43E-08	2.1344E-05
608213.67	4200832.35	12690.2553	0.20832	0.21149	0.04307	0.04164	0.02144	0.02133	1.79E-05	1.25E-06	1.29E-06	4.21E-07	4.05E-07	7.51E-08	7.45E-08	2.1296E-05
608213.67	4200839.95	12669.3766	0.20566	0.20882	0.04381	0.04237	0.0215	0.02138	1.79E-05	1.24E-06	1.27E-06	4.28E-07	4.12E-07	7.53E-08	7.47E-08	2.1249E-05
608213.67	4200847.55	12648.16029	0.20302	0.20616	0.04456	0.0431	0.02156	0.02144	1.79E-05	1.22E-06	1.26E-06	4.35E-07	4.19E-07	7.55E-08	7.49E-08	2.1201E-05
608213.67	4200855.15	12626.16853	0.20039	0.20353	0.04531	0.04384	0.02161	0.02149	1.78E-05	1.21E-06	1.24E-06	4.42E-07	4.26E-07	7.57E-08	7.51E-08	2.1152E-05
608213.67	4200862.75	12603.76378	0.19779	0.20092	0.04606	0.04458	0.02166	0.02153	1.78E-05	1.19E-06	1.23E-06	4.50E-07	4.34E-07	7.58E-08	7.52E-08	2.1104E-05
608213.67	4200870.35	12581.18361	0.19521	0.19833	0.04682	0.04532	0.02171	0.02158	1.78E-05	1.18E-06	1.21E-06	4.57E-07	4.41E-07	7.60E-08	7.54E-08	2.1055E-05
608220.54	4200733.55	12881.95907	0.23991	0.24297	0.03373	0.03256	0.02052	0.02044	1.82E-05	1.44E-06	1.48E-06	3.29E-07	3.17E-07	7.18E-08	7.14E-08	2.1769E-05
608220.54	4200741.15	12863.31688	0.23718	0.24025	0.0344	0.0332	0.02059	0.02051	1.82E-05	1.43E-06	1.47E-06	3.36E-07	3.23E-07	7.21E-08	7.17E-08	2.1723E-05
608220.54	4200748.75	12844.19037	0.23444	0.23752	0.03508	0.03386	0.02066	0.02058	1.81E-05	1.41E-06	1.45E-06	3.43E-07	3.29E-07	7.23E-08	7.19E-08	2.1676E-05

608220.54	4200756.35	12824.87744	0.2317	0.23479	0.03576	0.03452	0.02073	0.02065	1.81E-05	1.40E-06	1.43E-06	3.49E-07	3.36E-07	7.26E-08	7.22E-08	2.1628E-05
608220.54	4200763.95	12805.58758	0.22897	0.23207	0.03645	0.03519	0.0208	0.02071	1.81E-05	1.38E-06	1.42E-06	3.56E-07	3.42E-07	7.28E-08	7.24E-08	2.1581E-05
608220.54	4200771.55	12786.36637	0.22625	0.22935	0.03714	0.03586	0.02087	0.02078	1.81E-05	1.36E-06	1.40E-06	3.63E-07	3.49E-07	7.31E-08	7.26E-08	2.1535E-05
608220.54	4200779.15	12766.82602	0.22354	0.22664	0.03784	0.03655	0.02094	0.02084	1.80E-05	1.35E-06	1.38E-06	3.70E-07	3.55E-07	7.33E-08	7.28E-08	2.1488E-05
608220.54	4200786.75	12747.26328	0.22083	0.22394	0.03854	0.03723	0.021	0.0209	1.80E-05	1.33E-06	1.37E-06	3.76E-07	3.62E-07	7.35E-08	7.30E-08	2.1441E-05
608220.54	4200794.35	12727.78513	0.21814	0.22125	0.03926	0.03793	0.02107	0.02097	1.80E-05	1.31E-06	1.35E-06	3.83E-07	3.69E-07	7.38E-08	7.33E-08	2.1394E-05
608220.54	4200801.95	12707.80231	0.21546	0.21857	0.03997	0.03863	0.02113	0.02103	1.80E-05	1.30E-06	1.33E-06	3.90E-07	3.76E-07	7.40E-08	7.35E-08	2.1347E-05
608220.54	4200809.55	12687.59153	0.2128	0.2159	0.04069	0.03933	0.02119	0.02108	1.79E-05	1.28E-06	1.32E-06	3.97E-07	3.83E-07	7.42E-08	7.37E-08	2.1300E-05
608220.54	4200817.15	12667.10109	0.21015	0.21325	0.04141	0.04004	0.02125	0.02114	1.79E-05	1.27E-06	1.30E-06	4.04E-07	3.89E-07	7.44E-08	7.39E-08	2.1253E-05
608220.54	4200824.75	12646.27833	0.20751	0.21061	0.04214	0.04075	0.02131	0.02119	1.79E-05	1.25E-06	1.28E-06	4.12E-07	3.96E-07	7.46E-08	7.41E-08	2.1206E-05
608220.54	4200832.35	12625.14555	0.2049	0.20799	0.04287	0.04147	0.02136	0.02125	1.78E-05	1.23E-06	1.27E-06	4.19E-07	4.03E-07	7.48E-08	7.43E-08	2.1158E-05
608220.54	4200839.95	12604.61194	0.20231	0.20539	0.04361	0.04219	0.02142	0.0213	1.78E-05	1.22E-06	1.25E-06	4.26E-07	4.10E-07	7.50E-08	7.44E-08	2.1112E-05
608220.54	4200847.55	12583.64809	0.19974	0.20281	0.04435	0.04291	0.02147	0.02135	1.78E-05	1.20E-06	1.24E-06	4.33E-07	4.17E-07	7.52E-08	7.46E-08	2.1066E-05
608220.54	4200855.15	12562.01311	0.19718	0.20025	0.04509	0.04364	0.02152	0.0214	1.77E-05	1.19E-06	1.22E-06	4.40E-07	4.24E-07	7.53E-08	7.48E-08	2.1018E-05
608220.54	4200862.75	12539.85963	0.19465	0.19771	0.04583	0.04437	0.02158	0.02145	1.77E-05	1.17E-06	1.21E-06	4.48E-07	4.32E-07	7.56E-08	7.50E-08	2.0971E-05
608220.54	4200870.35	12517.52733	0.19214	0.19519	0.04657	0.0451	0.02162	0.02149	1.77E-05	1.16E-06	1.19E-06	4.55E-07	4.39E-07	7.57E-08	7.51E-08	2.0923E-05
608227.41	4200733.55	12814.59701	0.23553	0.23853	0.03367	0.0325	0.02045	0.02037	1.81E-05	1.42E-06	1.46E-06	3.29E-07	3.16E-07	7.16E-08	7.12E-08	2.1620E-05
608227.41	4200741.15	12796.16632	0.23289	0.23589	0.03432	0.03314	0.02052	0.02044	1.81E-05	1.40E-06	1.44E-06	3.35E-07	3.22E-07	7.18E-08	7.14E-08	2.1574E-05
608227.41	4200748.75	12777.4463	0.23024	0.23325	0.03499	0.03379	0.02059	0.02051	1.80E-05	1.39E-06	1.42E-06	3.42E-07	3.29E-07	7.21E-08	7.17E-08	2.1529E-05
608227.41	4200756.35	12758.45101	0.22758	0.23061	0.03566	0.03444	0.02066	0.02057	1.80E-05	1.37E-06	1.41E-06	3.48E-07	3.35E-07	7.23E-08	7.19E-08	2.1483E-05
608227.41	4200763.95	12739.26856	0.22493	0.22796	0.03634	0.0351	0.02073	0.02064	1.80E-05	1.35E-06	1.39E-06	3.55E-07	3.41E-07	7.26E-08	7.21E-08	2.1436E-05
608227.41	4200771.55	12720.0568	0.22229	0.22532	0.03703	0.03577	0.02079	0.0207	1.80E-05	1.34E-06	1.37E-06	3.62E-07	3.48E-07	7.28E-08	7.23E-08	2.1390E-05
608227.41	4200779.15	12700.53228	0.21965	0.22269	0.03772	0.03644	0.02086	0.02077	1.79E-05	1.32E-06	1.36E-06	3.68E-07	3.54E-07	7.30E-08	7.26E-08	2.1344E-05
608227.41	4200786.75	12681.18518	0.21703	0.22007	0.03841	0.03712	0.02092	0.02083	1.79E-05	1.31E-06	1.34E-06	3.75E-07	3.61E-07	7.32E-08	7.28E-08	2.1298E-05
608227.41	4200794.35	12661.92287	0.21442	0.21746	0.03911	0.0378	0.02099	0.02089	1.79E-05	1.29E-06	1.33E-06	3.82E-07	3.68E-07	7.35E-08	7.30E-08	2.1253E-05
608227.41	4200801.95	12642.47369	0.21182	0.21486	0.03982	0.03849	0.02105	0.02095	1.79E-05	1.28E-06	1.31E-06	3.89E-07	3.74E-07	7.37E-08	7.32E-08	2.1208E-05
608227.41	4200809.55	12622.59581	0.20923	0.21227	0.04053	0.03919	0.02111	0.021	1.78E-05	1.26E-06	1.29E-06	3.96E-07	3.81E-07	7.39E-08	7.34E-08	2.1162E-05
608227.41	4200817.15	12602.33841	0.20665	0.20969	0.04124	0.03989	0.02117	0.02106	1.78E-05	1.24E-06	1.28E-06	4.03E-07	3.88E-07	7.41E-08	7.36E-08	2.1116E-05
608227.41	4200824.75	12581.74793	0.20409	0.20712	0.04196	0.04059	0.02123	0.02111	1.78E-05	1.23E-06	1.26E-06	4.10E-07	3.95E-07	7.43E-08	7.38E-08	2.1070E-05
608227.41	4200832.35	12560.94524	0.20155	0.20457	0.04268	0.0413	0.02128	0.02117	1.77E-05	1.21E-06	1.25E-06	4.17E-07	4.02E-07	7.45E-08	7.40E-08	2.1023E-05
608227.41	4200839.95	12540.34901	0.19903	0.20205	0.04341	0.04201	0.02134	0.02122	1.77E-05	1.20E-06	1.23E-06	4.24E-07	4.09E-07	7.47E-08	7.42E-08	2.0978E-05
608227.41	4200847.55	12519.62496	0.19653	0.19954	0.04413	0.04272	0.02139	0.02127	1.77E-05	1.18E-06	1.22E-06	4.31E-07	4.15E-07	7.49E-08	7.43E-08	2.0932E-05
608227.41	4200855.15	12498.444	0.19405	0.19705	0.04486	0.04344	0.02144	0.02132	1.77E-05	1.17E-06	1.20E-06	4.38E-07	4.22E-07	7.51E-08	7.45E-08	2.0886E-05
608227.41	4200862.75	12476.53928	0.19159	0.19457	0.04559	0.04416	0.02149	0.02136	1.76E-05	1.15E-06	1.19E-06	4.45E-07	4.29E-07	7.52E-08	7.46E-08	2.0839E-05
608227.41	4200870.35	12454.45383	0.18914	0.19212	0.04633	0.04488	0.02154	0.02141	1.76E-05	1.14E-06	1.17E-06	4.52E-07	4.36E-07	7.54E-08	7.48E-08	2.0793E-05
608234.28	4200741.15	12729.44233	0.2287	0.23164	0.03425	0.03307	0.02045	0.02037	1.80E-05	1.38E-06	1.41E-06	3.34E-07	3.22E-07	7.16E-08	7.12E-08	2.1427E-05
608234.28	4200748.75	12711.02807	0.22613	0.22908	0.03491	0.03371	0.02052	0.02044	1.80E-05	1.36E-06	1.40E-06	3.41E-07	3.28E-07	7.18E-08	7.14E-08	2.1383E-05
608234.28	4200756.35	12692.34375	0.22356	0.22652	0.03557	0.03436	0.02059	0.0205	1.79E-05	1.35E-06	1.38E-06	3.47E-07	3.34E-07	7.21E-08	7.16E-08	2.1338E-05
608234.28	4200763.95	12673.56637	0.221	0.22396	0.03624	0.03501	0.02066	0.02057	1.79E-05	1.33E-06	1.37E-06	3.54E-07	3.40E-07	7.23E-08	7.19E-08	2.1294E-05
608234.28	4200771.55	12654.56924	0.21843	0.2214	0.03692	0.03567	0.02072	0.02063	1.79E-05	1.32E-06	1.35E-06	3.61E-07	3.47E-07	7.25E-08	7.21E-08	2.1249E-05
608234.28	4200779.15	12635.36549	0.21587	0.21884	0.0376	0.03633	0.02079	0.02069	1.78E-05	1.30E-06	1.33E-06	3.67E-07	3.53E-07	7.28E-08	7.23E-08	2.1204E-05
608234.28	4200786.75	12616.03001	0.21332	0.21629	0.03828	0.037	0.02085	0.02075	1.78E-05	1.28E-06	1.32E-06	3.74E-07	3.60E-07	7.30E-08	7.25E-08	2.1159E-05
608234.28	4200794.35	12596.67441	0.21078	0.21375	0.03898	0.03768	0.02091	0.02081	1.78E-05	1.27E-06	1.30E-06	3.81E-07	3.66E-07	7.32E-08	7.27E-08	2.1114E-05
608234.28	4200801.95	12577.75435	0.20826	0.21123	0.03967	0.03836	0.02097	0.02087	1.78E-05	1.25E-06	1.29E-06	3.87E-07	3.73E-07	7.34E-08	7.29E-08	2.1070E-05
608234.28	4200809.55	12558.20532	0.20575	0.20872	0.04037	0.03905	0.02103	0.02093	1.77E-05	1.24E-06	1.27E-06	3.94E-07	3.80E-07	7.36E-08	7.31E-08	2.1026E-05
608234.28	4200817.15	12538.27385	0.20324	0.20621	0.04108	0.03974	0.02109	0.02098	1.77E-05	1.22E-06	1.26E-06	4.01E-07	3.87E-07	7.38E-08	7.33E-08	2.0981E-05
608234.28	4200824.75	12517.81046	0.20075	0.20371	0.04178	0.04043	0.02115	0.02103	1.77E-05	1.21E-06	1.24E-06	4.08E-07	3.93E-07	7.41E-08	7.35E-08	2.0935E-05
608234.28	4200832.35	12497.23363	0.19828	0.20124	0.04249	0.04113	0.0212	0.02109	1.77E-05	1.19E-06	1.23E-06	4.15E-07	4.00E-07	7.42E-08	7.37E-08	2.0890E-05
608234.28	4200839.95	12476.57294	0.19583	0.19877	0.04321	0.04183	0.02125	0.02114	1.76E-05	1.18E-06	1.21E-06	4.22E-07	4.07E-07	7.44E-08	7.39E-08	2.0845E-05
608234.28	4200847.55	12455.98792	0.19339	0.19633	0.04392	0.04253	0.02131	0.02119	1.76E-05	1.16E-06	1.20E-06	4.29E-07	4.14E-07	7.46E-08	7.41E-08	2.0800E-05
608234.28	4200855.15	12435.25676	0.19098	0.19391	0.04464	0.04324	0.02136	0.02123	1.76E-05	1.15E-06	1.18E-06	4.36E-07	4.21E-07	7.48E-08	7.42E-08	2.0755E-05
608234.28	4200862.75	12413.80395	0.18858	0.1915	0.04536	0.04395	0.02141	0.02128	1.75E-05	1.14E-06	1.17E-06	4.43E-07	4.27E-07	7.50E-08	7.44E-08	2.0709E-05
608234.28	4200870.35	12392.05859	0.18621	0.18912	0.04608	0.04466	0.02145	0.02132	1.75E-05	1.12E-06	1.15E-06	4.50E-07	4.34E-07	7.51E-08	7.45E-08	2.0664E-05
608240.38	4200722.19	12716.67085	0.2313	0.23416	0.03258	0.03146	0.02021	0.02014	1.80E-05	1.39E-06	1.43E-06	3.18E-07	3.06E-07	7.08E-08	7.04E-08	2.1409E-05
608240.73	4200729.53	12695.45718	0.22868	0.23155	0.03319	0.03205	0.02028	0.0202	1.79E-05	1.38E-06	1.41E-06	3.24E-07	3.12E-07	7.10E-08	7.06E-08	2.1359E-05
608241.15	4200741.15	12663.441	0.22462	0.2275	0.03417	0.033	0.02038	0.0203	1.79E-05	1.35E-06	1.39E-06	3.34E-07	3.21E-07	7.14E-08	7.09E-08	2.1283E-05
608241.15	4200748.75	12645.02768	0.22213	0.22501	0.03482	0.03364	0.02045	0.02037	1.79E-05	1.34E-06	1.37E-06	3.40E-07	3.27E-07	7.16E-08	7.12E-08	2.1239E-05
608241.15	4200756.35	12626.6514	0.21964	0.22253	0.03547	0.03427	0.02052	0.02043	1.78E-05	1.32E-06	1.36E-06	3.46E-07	3.33E-07	7.18E-08	7.14E-08	2.1196E-05
608241.15	4200763.95	12608.37218	0.21715	0.22005	0.03614	0.03492	0.02058	0.02049	1.78E-05	1.31E-06	1.34E-06	3.53E-07	3.40E-07	7.21E-08	7.16E-08	2.1153E-05
608241.15	4200771.55	12589.79282	0.21467	0.21757	0.0368	0.03557	0.02065	0.02056	1.78E-05	1.29E-06	1.33E-06	3.59E-07	3.46E-07	7.23E-08	7.18E-08	2.1109E-05
608241.15	4200779.15	12570.80449	0.21218	0.21509	0.03748	0.03623	0.02071	0.02062	1.78E-05	1.28E-06	1.31E-06	3.66E-07	3.52E-07	7.25E-08	7.21E-08	2.1065E-05
608241.15	4200786.75	12551.58276	0.20971	0.21261	0.03816	0.03689	0.02077	0.02068	1.77E-05	1.26E-06	1.30E-06	3.73E-07	3.59E-07	7.27E-08	7.23E-08	2.1021E-05
608241.15	4200794.35	12532.43602	0.20724	0.21014	0.03884	0.03756	0.02084	0.02074	1.77E-05	1.25E-06	1.28E-06	3.79E-07	3.65E-07	7.30E-08	7.25E-08	2.0977E-05
608241.15	4200801.95	12513.63728	0.20479	0.20769	0.03952	0.03823	0.0209	0.02079	1.77E-05	1.23E-06	1.27E-06	3.86E-07	3.72E-07	7.32E-08	7.27E-08	2.0934E-05
608241.15	4200809.55	12494.4122	0.20235	0.20525	0.04021	0.03891	0.02095	0.02085	1.76E-05	1.22E-06	1.25E-06	3.93E-07	3.78E-07	7.34E-08	7.29E-08	2.0891E-05
608241.15	4200817.15	12474.70235	0.19991	0.20281	0.04091	0.03959	0.02101	0.0209	1.76E-05	1.20E-06	1.24E-06	4.00E-07	3.85E-07	7.36E-08	7.30E-08	2.0847E-05
608241.15	4200824.75	12454.56251	0.19749	0.20039	0.0416	0.04027	0.02107	0.02095	1.76E-05	1.19E-06	1.22E-06	4.06E-07	3.92E-07	7.38E-08	7.32E-08	2.0802E-05
608241.15	4200832.35	12434.21238	0.19509	0.19798	0.0423	0.04096	0.02112	0.02101	1.76E-05	1.17E-06	1.21E-06	4.13E-07	3.98E-07	7.39E-08	7.34E-08	2.0758E-05
608241.15	4200839.95	12413.68201	0.1927	0.19558	0.04301	0.04165	0.02117	0.02106	1.75E-05	1.16E-06	1.19E-06	4.20E-07	4.05E-07	7.41E-08	7.36E-08	2.0714E-05
608241.15	4200847.55	12393.13644	0.19033	0.1932	0.04371	0.04234	0.02122	0.0211	1.75E-05	1.15E-06	1.18E-06	4.27E-07	4.12E-07	7.43E-08	7.37E-08	2.0669E-05
608241.15	4200855.15	12372.33786	0.18798	0.19084	0.04442	0.04304	0.02127	0.02115	1.75E-05	1.13E-06	1.16E-06	4.34E-07	4.19E-07	7.45E-08	7.39E-08	2.0625E-05
608241.15	4200862.75	12351.43528	0.18565	0.1885	0.04513	0.04374	0.02132	0.0212	1.74E-05	1.12E-06	1.15E-06	4.41E-07	4.25E-07	7.46E-08	7.41E-08	2.0581E-05
608241.15	4200870.35	12330.03217	0.18334	0.18618	0.04584	0.04444	0.02137	0.02124	1.74E-05	1.10E-06	1.14E-06	4.48E-07	4.32E-07	7.48E-08	7.42E-08	2.0537E-05
608248.02	4200741.15	12598.25102	0.22065	0.22346	0.03409	0.03293	0.02031	0.02023	1.78E-05	1.33E-06	1.36E-06	3.33E-07	3.20E-07	7.11E-08	7.07E-08	2.1141E-05
608248.02	4200748.75	12579.839	0.21823	0.22105	0.03473	0.03356	0.02038	0.02029	1.78E-05	1.31E-06	1.35E-06	3.39E-07	3.26E-07	7.14E-08	7.09E-08	2.1098E-05
608248.02	4200756.35	12561.76574	0.21582	0.21864	0.03538	0.03419	0.02045	0.02036	1.77E-05	1.30E-06	1.33E-06	3.46E-07	3.33E-07	7.16E-08	7.12E-08	2.1056E-05
608248.02	4200763.95	12543.78203	0.21341	0.21624	0.03603	0.03483	0.02051	0.02042	1.77E-05	1.29E-06	1.32E-06	3.52E-07	3.39E-07	7.18E-08	7.14E-08	2.1014E-05
608248.02	4200771.55	12525.51336	0.21099	0.21383	0.03669	0.03547	0.02058	0.02048	1.77E-05	1.27E-06	1.30E-06	3.58E-07	3.45E-07	7.21E-08	7.16E-08	2.0971E-05
608248.02	4200779.15	12506.74281	0.20858	0.21142	0.03736	0.03612	0.02064	0.02054	1.77E-05	1.26E-06	1.29E-06	3.65E-07	3.51E-07	7.23E-08	7.18E-08	2.0928E-05
608248.02	4200786.75	12487.73117	0.20618	0.20902	0.03803	0.03678	0.0207	0.0206	1.76E-05	1.24E-06	1.28E-06	3.71E-07	3.58E-07	7.25E-08	7.20E-08	2.0885E-05
608248.02	4200794.35	12468.79082	0.20378	0.20662	0.0387	0.03743	0.02076	0.02066	1.76E-05	1.23E-06	1.26E-06	3.78E-07	3.64E-07	7.27E-08	7.22E-08	2.0842E-05
608248.02	4200801.95	12449.91112	0.20139	0.20423	0.03938	0.0381	0.02082	0.02072	1.76E-05	1.21E-06	1.25E-06	3.85E-07	3.71E-07	7.29E-08	7.24E-08	2.0800E-05
608248.02	4200809.55	12431.0098	0.19902	0.20186	0.04006	0.03877	0.02088	0.02077	1.76E-05	1.20E-06	1.23E-06	3.91E-07	3.77E-07	7.31E-08	7.26E-08	2.0758E-05
608248.02	4200817.15	12411.61743	0.19666	0.19949	0.04074	0.03944	0.02093	0.02082	1.75E-05	1.18E-06	1.22E-06	3.98E-07	3.84E-07	7.33E-08	7.28E-08	2.0715E-05
608248.02	4200824.75	12391.79764	0.1943	0.19714	0.04143	0.04011	0.02099	0.02088	1.75E-05	1.17E-06	1.20E-06	4.05E-07	3.90E-07	7.35E-08	7.30E-08	2.0672E-05
608248.02	4200832.35	12371.67019	0.19196	0.19479	0.04212	0.04079	0.02104	0.02093	1.75E-05	1.16E-06	1.19E-06	4.11E-07	3.97E-07	7.37E-08	7.31E-08	2.0628E-05
608248.02	4200839.95	12351.47206	0.18964	0.19246	0.04282	0.04147	0.02109	0.02097	1.74E-05	1.14E-06	1.17E-06	4.18E-07	4.03E-07	7.38E-08	7.33E-08	2.0585E-05
608248.02	4200847.55	12330.96079	0.18733	0.19014	0.04351	0.04216	0.02114	0.02102	1.74E-05	1.13E-06	1.16E-06	4.25E-07	4.10E-07	7.40E-08	7.35E-08	2.0541E-05
608248.02	4200855.15	12310.29499	0.18504	0.18784	0.04421	0.04284	0.02119	0.02107	1.74E-05	1.11E-06	1.15E-06	4.32E-07	4.17E-07	7.42E-08	7.36E-08	2.0498E-05
608248.02	4200862.75	12289.42751	0.18277	0.18556	0.04491	0.04353	0.02124	0.02111	1.74E-05	1.10E-06	1.13E-06	4.39E-07	4.23E-07	7.44E-08	7.38E-08	2.0454E-05
608248.02	4200870.35	12268.4655	0.18052	0.1833	0.0456	0.04422	0.02128	0.02116	1.73E-05	1.09E-06	1.12E-06	4.45E-07	4.30E-07	7.45E-08	7.39E-08	2.0411E-05
608248.07	4200730.93	12622.27993	0.22387	0.22667	0.03323	0.0321	0.02022	0.02014	1.78E-05	1.35E-06	1.38E-06	3.25E-07	3.12E-07	7.08E-08	7.04E-08	2.1197E-05
608248.42	4200723.59	12636.54902	0.22599	0.22877	0.03262	0.03151	0.02014	0.02007	1.79E-05	1.36E-06	1.40E-06	3.19E-07	3.06E-07	7.05E-08	7.01E-08	2.1231E-05
608254.89	4200741.15	12533.76704	0.21678	0.21953	0.034	0.03287	0.02024	0.02016	1.77E-05	1.31E-06	1.34E-06	3.32E-07	3.20E-07	7.09E-08	7.05E-08	2.1001E-05
608254.89	4200748.75	12515.5592	0.21443	0.21719	0.03464	0.03349	0.02031	0.02022	1.77E-05	1.29E-06	1.32E-06	3.38E-07	3.26E-07	7.11E-08	7.07E-08	2.0959E-05
608254.89	4200756.35	12497.58309	0.21209	0.21485	0.03528	0.03411	0.02037	0.02029	1.77E-05	1.28E-06	1.31E-06	3.45E-07	3.32E-07	7.13E-08	7.09E-08	2.0918E-05
608254.89	4200763.95	12479.6862	0.20975	0.21252	0.03593	0.03474	0.02044	0.02035	1.76E-05	1.26E-06	1.30E-06	3.51E-07	3.38E-07	7.16E-08	7.11E-08	2.0877E-05
608254.89	4200771.55	12461.72594	0.20741	0.21018	0.03658	0.03538	0.0205	0.02041	1.76E-05	1.25E-06	1.28E-06	3.57E-07	3.44E-07	7.18E-08	7.13E-08	2.0835E-05
608254.89	4200779.15	12443.27202	0.20507	0.20784	0.03724	0.03602	0.02057	0.02047	1.76E-05	1.23E-06	1.27E-06	3.64E-07	3.50E-07	7.20E-08	7.15E-08	2.0794E-05
608254.89	4200786.75	12424.56161	0.20273	0.20551	0.0379	0.03666	0.02063	0.02053	1.76E-05	1.22E-06	1.25E-06	3.70E-07	3.57E-07	7.22E-08	7.17E-08	2.0752E-05
608254.89	4200794.35	12405.72822	0.2004	0.20318	0.03856	0.03731	0.02068	0.02058	1.75E-05	1.21E-06	1.24E-06	3.77E-07	3.63E-07	7.24E-08	7.19E-08	2.0710E-05
608254.89	4200801.95	12386.7669	0.19808	0.20086	0.03923	0.03797	0.02074	0.02064	1.75E-05	1.19E-06	1.23E-06	3.83E-07	3.69E-07	7.26E-08	7.21E-08	2.0668E-05
608254.89	4200809.55	12368.08697	0.19577	0.19855	0.0399	0.03863	0.0208	0.02069	1.75E-05	1.18E-06	1.21E-06	3.90E-07	3.76E-07	7.28E-08	7.23E-08	2.0626E-05
608254.89	4200817.15	12349.00699	0.19347	0.19625	0.04058	0.03929	0.02085	0.02075	1.74E-05	1.16E-06	1.20E-06	3.96E-07	3.82E-07	7.30E-08	7.25E-08	2.0584E-05
608254.89	4200824.75	12329.60812	0.19119	0.19396	0.04126	0.03996	0.02091	0.0208	1.74E-05	1.15E-06	1.18E-06	4.03E-07	3.89E-07	7.32E-08	7.27E-08	2.0542E-05
608254.89	4200832.35	12309.69943	0.18891	0.19168	0.04194	0.04062	0.02096	0.02085	1.74E-05	1.14E-06	1.17E-06	4.10E-07	3.95E-07	7.34E-08	7.29E-08	2.0500E-05
608254.89	4200839.95	12289.73459	0.18665	0.18941	0.04262	0.0413	0.02101	0.02089	1.74E-05	1.12E-06	1.16E-06	4.16E-07	4.02E-07	7.36E-08	7.30E-08	2.0457E-05
608254.89	4200847.55	12269.55399	0.1844	0.18715	0.04331	0.04197	0.02106	0.02094	1.73E-05	1.11E-06	1.14E-06	4.23E-07	4.08E-07	7.37E-08	7.32E-08	2.0415E-05
608254.89	4200855.15	12248.91594	0.18217	0.18491	0.04399	0.04265	0.02111	0.02099	1.73E-05	1.10E-06	1.13E-06	4.30E-07	4.15E-07	7.39E-08	7.34E-08	2.0372E-05
608254.89	4200862.75	12228.08139	0.17996	0.18269	0.04468	0.04333	0.02115	0.02103	1.73E-05	1.08E-06	1.11E-06	4.36E-07	4.21E-07	7.41E-08	7.35E-08	2.0329E-05
608254.89	4200870.35	12207.35032	0.17777	0.18049	0.04537	0.04401	0.0212	0.02107	1.72E-05	1.07E-06	1.10E-06	4.43E-07	4.28E-07	7.42E-08	7.36E-08	2.0286E-05
608255.41	4200731.98	12550.6033	0.21931	0.22205	0.03324	0.03212	0.02015	0.02008	1.77E-05	1.32E-06	1.35E-06	3.25E-07	3.12E-07	7.06E-08	7.02E-08	2.1041E-05
608255.76	4200725.34	12562.83782	0.22115	0.22387	0.03269	0.03159	0.02009	0.02001	1.77E-05	1.33E-06	1.37E-06	3.19E-07	3.07E-07	7.03E-08	6.99E-08	2.1070E-05
608261.76	4200741.15	12469.8813	0.21301	0.2157	0.03392	0.0328	0.02017	0.02009	1.76E-05	1.28E-06	1.32E-06	3.31E-07	3.19E-07	7.06E-08	7.02E-08	2.0863E-05
608261.76	4200748.75	12451.97364	0.21073	0.21343	0.03455	0.03341	0.02024	0.02016	1.76E-05	1.27E-06	1.30E-06	3.37E-07	3.25E-07	7.09E-08	7.05E-08	2.0822E-05
608261.76	4200756.35	12433.99433	0.20845	0.21116	0.03518	0.03403	0.0203	0.02022	1.76E-05	1.26E-06	1.29E-06	3.44E-07	3.31E-07	7.11E-08	7.07E-08	2.0782E-05
608261.76	4200763.95	12416.0803	0.20618	0.20889	0.03582	0.03465	0.02037	0.02028	1.75E-05	1.24E-06	1.27E-06	3.50E-07	3.37E-07	7.13E-08	7.09E-08	2.0741E-05
608261.76	4200771.55	12398.42993	0.20391	0.20662	0.03647	0.03528	0.02043	0.02034	1.75E-05	1.23E-06	1.26E-06	3.56E-07	3.43E-07	7.15E-08	7.11E-08	2.0701E-05
608261.76	4200779.15	12380.28616	0.20163	0.20435	0.03711	0.03591	0.02049	0.0204	1.75E-05	1.21E-06	1.25E-06	3.62E-07	3.49E-07	7.17E-08	7.13E-08	2.0660E-05
608261.76	4200786.75	12361.87108	0.19937	0.20208	0.03777	0.03655	0.02055	0.02045	1.75E-05	1.20E-06	1.23E-06	3.69E-07	3.55E-07	7.20E-08	7.15E-08	2.0620E-05
608261.76	4200794.35	12343.24618	0.1971	0.19982	0.03842	0.03719	0.02061	0.02051	1.74E-05	1.19E-06	1.22E-06	3.75E-07	3.62E-07	7.22E-08	7.17E-08	2.0578E-05
608261.76	4200801.95	12324.40081	0.19484	0.19756	0.03908	0.03784	0.02067	0.02056	1.74E-05	1.17E-06	1.21E-06	3.82E-07	3.68E-07	7.24E-08	7.18E-08	2.0537E-05
608261.76	4200809.55	12305.73374	0.1926	0.19531	0.03975	0.03849	0.02072	0.02062	1.74E-05	1.16E-06	1.19E-06	3.88E-07	3.74E-07	7.25E-08	7.21E-08	2.0496E-05
608261.76	4200817.15	12286.8616	0.19036	0.19307	0.04041	0.03914	0.02078	0.02067	1.74E-05	1.15E-06	1.18E-06	3.95E-07	3.81E-07	7.28E-08	7.22E-08	2.0455E-05
608261.76	4200824.75	12267.88016	0.18814	0.19085	0.04108	0.0398	0.02083	0.02072	1.73E-05	1.13E-06	1.16E-06	4.01E-07	3.87E-07	7.29E-08	7.24E-08	2.0415E-05
608261.76	4200832.35	12248.29302	0.18593	0.18863	0.04175	0.04046	0.02088	0.02077	1.73E-05	1.12E-06	1.15E-06	4.08E-07	3.94E-07	7.31E-08	7.26E-08	2.0373E-05
608261.76	4200839.95	12228.55802	0.18373	0.18642	0.04243	0.04112	0.02093	0.02081	1.73E-05	1.11E-06	1.14E-06	4.14E-07	4.00E-07	7.33E-08	7.27E-08	2.0331E-05
608261.76	4200847.55	12208.60864	0.18154	0.18423	0.0431	0.04179	0.02098	0.02086	1.72E-05	1.09E-06	1.12E-06	4.21E-07	4.06E-07	7.35E-08	7.29E-08	2.0290E-05
608261.76	4200855.15	12188.29894	0.17937	0.18205	0.04378	0.04245	0.02103	0.0209	1.72E-05	1.08E-06	1.11E-06	4.28E-07	4.13E-07	7.36E-08	7.30E-08	2.0248E-05
608261.76	4200862.75	12167.49237	0.17721	0.17988	0.04446	0.04312	0.02107	0.02095	1.72E-05	1.07E-06	1.10E-06	4.34E-07	4.19E-07	7.38E-08	7.32E-08	2.0205E-05
608261.76	4200870.35	12146.79206	0.17507	0.17773	0.04514	0.0438	0.02112	0.02099	1.72E-05	1.05E-06	1.08E-06	4.41E-07	4.26E-07	7.39E-08	7.34E-08	2.0163E-05
608268.63	4200741.15	12406.08854	0.20932	0.21195	0.03384	0.03273	0.0201	0.02002	1.75E-05	1.26E-06	1.29E-06	3.30E-07	3.18E-07	7.04E-08	7.00E-08	2.0727E-05
608268.63	4200748.75	12388.57515	0.20711	0.20975	0.03446	0.03333	0.02017	0.02009	1.75E-05	1.25E-06	1.28E-06	3.37E-07	3.24E-07	7.06E-08	7.02E-08	2.0687E-05
608268.63	4200756.35	12370.98087	0.20491	0.20755	0.03508	0.03394	0.02023	0.02015	1.75E-05	1.23E-06	1.27E-06	3.43E-07	3.30E-07	7.08E-08	7.04E-08	2.0647E-05
608268.63	4200763.95	12353.15753	0.20269	0.20535	0.03572	0.03456	0.0203	0.02021	1.74E-05	1.22E-06	1.25E-06	3.49E-07	3.36E-07	7.11E-08	7.06E-08	2.0608E-05
608268.63	4200771.55	12335.91047	0.20049	0.20315	0.03635	0.03518	0.02036	0.02027	1.74E-05	1.21E-06	1.24E-06	3.55E-07	3.42E-07	7.13E-08	7.08E-08	2.0569E-05
608268.63	4200779.15	12317.97139	0.19828	0.20094	0.03699	0.03581	0.02042	0.02032	1.74E-05	1.19E-06	1.23E-06	3.61E-07	3.48E-07	7.15E-08	7.10E-08	2.0529E-05
608268.63	4200786.75	12299.75122	0.19608	0.19874	0.03764	0.03644	0.02048	0.02038	1.74E-05	1.18E-06	1.21E-06	3.68E-07	3.54E-07	7.17E-08	7.12E-08	2.0489E-05
608268.63	4200794.35	12281.33092	0.19388	0.19654	0.03828	0.03707	0.02054	0.02043	1.73E-05	1.17E-06	1.20E-06	3.74E-07	3.61E-07	7.19E-08	7.14E-08	2.0449E-05
608268.63	4200801.95	12262.80516	0.19168	0.19434	0.03893	0.03771	0.02059	0.02049	1.73E-05	1.15E-06	1.19E-06	3.80E-07	3.67E-07	7.21E-08	7.16E-08	2.0409E-05
608268.63	4200809.55	12244.04661	0.1895	0.19215	0.03959	0.03835	0.02065	0.02054	1.73E-05	1.14E-06	1.17E-06	3.87E-07	3.73E-07	7.23E-08	7.18E-08	2.0368E-05
608268.63	4200817.15	12225.38039	0.18732	0.18998	0.04025	0.03899	0.0207	0.02059	1.73E-05	1.13E-06	1.16E-06	3.93E-07	3.79E-07	7.25E-08	7.20E-08	2.0328E-05
608268.63	4200824.75	12206.8093	0.18516	0.18781	0.04091	0.03964	0.02075	0.02064	1.72E-05	1.11E-06	1.15E-06	4.00E-07	3.86E-07	7.27E-08	7.21E-08	2.0289E-05
608268.63	4200832.35	12187.44034	0.18301	0.18565	0.04157	0.04029	0.0208	0.02069	1.72E-05	1.10E-06	1.13E-06	4.06E-07	3.92E-07	7.28E-08	7.23E-08	2.0248E-05
608268.63	4200839.95	12167.92841	0.18087	0.1835	0.04224	0.04095	0.02085	0.02073	1.72E-05	1.09E-06	1.12E-06	4.13E-07	3.98E-07	7.30E-08	7.24E-08	2.0207E-05
608268.63	4200847.55	12148.20731	0.17874	0.18137	0.0429	0.0416	0.0209	0.02078	1.72E-05	1.08E-06	1.11E-06	4.19E-07	4.05E-07	7.32E-08	7.26E-08	2.0166E-05
608268.63	4200855.15	12128.12093	0.17662	0.17924	0.04357	0.04226	0.02095	0.02082	1.71E-05	1.06E-06	1.09E-06	4.25E-07	4.11E-07	7.34E-08	7.28E-08	2.0125E-05
608268.63	4200862.75	12107.64281	0.17452	0.17713	0.04424	0.04292	0.02099	0.02086	1.71E-05	1.05E-06	1.08E-06	4.32E-07	4.17E-07	7.35E-08	7.29E-08	2.0084E-05
608268.63	4200870.35	12086.97573	0.17244	0.17504	0.04491	0.04358	0.02103	0.02091	1.71E-05	1.04E-06	1.07E-06	4.39E-07	4.24E-07	7.36E-08	7.31E-08	2.0042E-05
608275.5	4200733.55	12360.35544	0.20786	0.21043	0.03315	0.03206	0.01997	0.01989	1.75E-05	1.25E-06	1.28E-06	3.24E-07	3.12E-07	6.99E-08	6.95E-08	2.0631E-05
608275.5	4200741.15	12342.88162	0.20572	0.2083	0.03375	0.03266	0.02003	0.01995	1.74E-05	1.24E-06	1.27E-06	3.30E-07	3.18E-07	7.01E-08	6.97E-08	2.0592E-05
608275.5	4200748.75	12325.85704	0.20359	0.20617	0.03437	0.03325	0.0201	0.02002	1.74E-05	1.23E-06	1.26E-06	3.36E-07	3.23E-07	7.04E-08	7.00E-08	2.0554E-05
608275.5	4200756.35	12308.64108	0.20144	0.20403	0.03499	0.03386	0.02016	0.02008	1.74E-05	1.21E-06	1.24E-06	3.42E-07	3.29E-07	7.06E-08	7.02E-08	2.0515E-05
608275.5	4200763.95	12291.10736	0.1993	0.20189	0.03561	0.03447	0.02023	0.02014	1.74E-05	1.20E-06	1.23E-06	3.48E-07	3.35E-07	7.08E-08	7.04E-08	2.0477E-05
608275.5	4200771.55	12273.76436	0.19715	0.19975	0.03624	0.03508	0.02029	0.02019	1.73E-05	1.19E-06	1.22E-06	3.54E-07	3.41E-07	7.10E-08	7.06E-08	2.0438E-05
608275.5	4200779.15	12256.12775	0.19501	0.19761	0.03687	0.0357	0.02035	0.02025	1.73E-05	1.17E-06	1.21E-06	3.60E-07	3.47E-07	7.13E-08	7.08E-08	2.0400E-05
608275.5	4200786.75	12238.19804	0.19287	0.19547	0.03751	0.03632	0.0204	0.02031	1.73E-05	1.16E-06	1.19E-06	3.66E-07	3.53E-07	7.14E-08	7.10E-08	2.0361E-05
608275.5	4200794.35	12219.98071	0.19073	0.19333	0.03814	0.03695	0.02046	0.02036	1.73E-05	1.15E-06	1.18E-06	3.72E-07	3.59E-07	7.16E-08	7.12E-08	2.0321E-05
608275.5	4200801.95	12201.66452	0.1886	0.1912	0.03879	0.03758	0.02052	0.02041	1.72E-05	1.14E-06	1.17E-06	3.79E-07	3.65E-07	7.18E-08	7.13E-08	2.0282E-05
608275.5	4200809.55	12183.21506	0.18647	0.18907	0.03943	0.03821	0.02057	0.02046	1.72E-05	1.12E-06	1.15E-06	3.85E-07	3.72E-07	7.20E-08	7.15E-08	2.0243E-05
608275.5	4200817.15	12164.65244	0.18435	0.18695	0.04008	0.03885	0.02062	0.02051	1.72E-05	1.11E-06	1.14E-06	3.91E-07	3.78E-07	7.22E-08	7.17E-08	2.0203E-05
608275.5	4200824.75	12146.09277	0.18225	0.18484	0.04073	0.03949	0.02067	0.02056	1.72E-05	1.10E-06	1.13E-06	3.98E-07	3.84E-07	7.24E-08	7.18E-08	2.0164E-05
608275.5	4200832.35	12127.04198	0.18016	0.18274	0.04139	0.04013	0.02072	0.02061	1.71E-05	1.08E-06	1.11E-06	4.04E-07	3.90E-07	7.25E-08	7.20E-08	2.0124E-05
608275.5	4200839.95	12107.8476	0.17807	0.18065	0.04204	0.04078	0.02077	0.02066	1.71E-05	1.07E-06	1.10E-06	4.11E-07	3.97E-07	7.27E-08	7.22E-08	2.0085E-05
608275.5	4200847.55	12088.34778	0.176	0.17857	0.0427	0.04142	0.02082	0.0207	1.71E-05	1.06E-06	1.09E-06	4.17E-07	4.03E-07	7.29E-08	7.23E-08	2.0045E-05
608275.5	4200855.15	12068.47724	0.17394	0.1765	0.04336	0.04207	0.02086	0.02074	1.70E-05	1.05E-06	1.08E-06	4.23E-07	4.09E-07	7.30E-08	7.25E-08	2.0004E-05
608275.5	4200862.75	12048.2215	0.17189	0.17444	0.04402	0.04272	0.02091	0.02078	1.70E-05	1.04E-06	1.06E-06	4.30E-07	4.15E-07	7.32E-08	7.26E-08	1.9963E-05
608275.5	4200870.35	12027.79092	0.16986	0.1724	0.04468	0.04338	0.02095	0.02082	1.70E-05	1.02E-06	1.05E-06	4.36E-07	4.22E-07	7.34E-08	7.28E-08	1.9923E-05
608282.37	4200733.55	12298.1314	0.2043	0.20681	0.03307	0.032	0.0199	0.01982	1.74E-05	1.23E-06	1.26E-06	3.23E-07	3.11E-07	6.97E-08	6.93E-08	2.0498E-05
608282.37	4200741.15	12280.75221	0.20222	0.20474	0.03367	0.03258	0.01997	0.01988	1.73E-05	1.22E-06	1.25E-06	3.29E-07	3.17E-07	6.99E-08	6.95E-08	2.0460E-05
608282.37	4200748.75	12263.81916	0.20014	0.20267	0.03428	0.03318	0.02003	0.01995	1.73E-05	1.21E-06	1.24E-06	3.35E-07	3.23E-07	7.01E-08	6.97E-08	2.0422E-05
608282.37	4200756.35	12246.77832	0.19806	0.2006	0.03489	0.03377	0.02009	0.02001	1.73E-05	1.19E-06	1.22E-06	3.41E-07	3.28E-07	7.03E-08	6.99E-08	2.0385E-05
608282.37	4200763.95	12229.43147	0.19598	0.19852	0.0355	0.03437	0.02015	0.02006	1.73E-05	1.18E-06	1.21E-06	3.47E-07	3.34E-07	7.06E-08	7.01E-08	2.0347E-05
608282.37	4200771.55	12211.99223	0.19389	0.19644	0.03612	0.03498	0.02021	0.02012	1.73E-05	1.17E-06	1.20E-06	3.53E-07	3.40E-07	7.08E-08	7.03E-08	2.0309E-05
608282.37	4200779.15	12194.65292	0.19181	0.19436	0.03675	0.03559	0.02027	0.02018	1.72E-05	1.15E-06	1.19E-06	3.59E-07	3.46E-07	7.10E-08	7.05E-08	2.0271E-05
608282.37	4200786.75	12177.10656	0.18973	0.19228	0.03738	0.03621	0.02033	0.02023	1.72E-05	1.14E-06	1.17E-06	3.65E-07	3.52E-07	7.12E-08	7.07E-08	2.0234E-05
608282.37	4200794.35	12159.28966	0.18766	0.1902	0.03801	0.03682	0.02039	0.02029	1.72E-05	1.13E-06	1.16E-06	3.71E-07	3.58E-07	7.14E-08	7.09E-08	2.0195E-05
608282.37	4200801.95	12141.17739	0.18558	0.18813	0.03864	0.03745	0.02044	0.02034	1.72E-05	1.12E-06	1.15E-06	3.77E-07	3.64E-07	7.16E-08	7.11E-08	2.0157E-05
608282.37	4200809.55	12122.83253	0.18351	0.18605	0.03928	0.03807	0.02049	0.02039	1.71E-05	1.10E-06	1.13E-06	3.84E-07	3.70E-07	7.17E-08	7.13E-08	2.0118E-05
608282.37	4200817.15	12104.3731	0.18145	0.18399	0.03992	0.0387	0.02055	0.02044	1.71E-05	1.09E-06	1.12E-06	3.90E-07	3.76E-07	7.20E-08	7.14E-08	2.0079E-05
608282.37	4200824.75	12085.62391	0.1794	0.18194	0.04056	0.03933	0.0206	0.02048	1.71E-05	1.08E-06	1.11E-06	3.96E-07	3.83E-07	7.21E-08	7.16E-08	2.0041E-05
608282.37	4200832.35	12067.18286	0.17736	0.1799	0.04121	0.03997	0.02065	0.02053	1.70E-05	1.07E-06	1.10E-06	4.02E-07	3.89E-07	7.23E-08	7.17E-08	2.0002E-05
608282.37	4200839.95	12048.30599	0.17534	0.17786	0.04185	0.0406	0.02069	0.02058	1.70E-05	1.06E-06	1.08E-06	4.09E-07	3.95E-07	7.24E-08	7.19E-08	1.9963E-05
608282.37	4200847.55	12029.02223	0.17332	0.17583	0.0425	0.04124	0.02074	0.02062	1.70E-05	1.04E-06	1.07E-06	4.15E-07	4.01E-07	7.26E-08	7.21E-08	1.9924E-05
608282.37	4200855.15	12009.36918	0.17131	0.17382	0.04315	0.04188	0.02078	0.02066	1.70E-05	1.03E-06	1.06E-06	4.21E-07	4.07E-07	7.28E-08	7.22E-08	1.9885E-05
608282.37	4200862.75	11989.33677	0.16932	0.17181	0.0438	0.04253	0.02083	0.0207	1.69E-05	1.02E-06	1.05E-06	4.28E-07	4.14E-07	7.29E-08	7.23E-08	1.9845E-05
608282.37	4200870.35	11969.13362	0.16734	0.16982	0.04445	0.04317	0.02087	0.02074	1.69E-05	1.01E-06	1.04E-06	4.34E-07	4.20E-07	7.31E-08	7.25E-08	1.9805E-05
608289.24	4200733.55	12236.66709	0.20082	0.20328	0.03299	0.03193	0.01984	0.01976	1.73E-05	1.21E-06	1.24E-06	3.22E-07	3.11E-07	6.95E-08	6.91E-08	2.0367E-05
608289.24	4200741.15	12219.3862	0.1988	0.20127	0.03359	0.03251	0.0199	0.01982	1.73E-05	1.20E-06	1.23E-06	3.28E-07	3.16E-07	6.97E-08	6.93E-08	2.0330E-05
608289.24	4200748.75	12202.34979	0.19678	0.19926	0.03419	0.0331	0.01996	0.01988	1.72E-05	1.18E-06	1.22E-06	3.34E-07	3.22E-07	6.99E-08	6.95E-08	2.0293E-05
608289.24	4200756.35	12185.28621	0.19476	0.19724	0.03479	0.03369	0.02002	0.01994	1.72E-05	1.17E-06	1.20E-06	3.40E-07	3.28E-07	7.01E-08	6.97E-08	2.0256E-05
608289.24	4200763.95	12168.32413	0.19274	0.19523	0.0354	0.03428	0.02008	0.01999	1.72E-05	1.16E-06	1.19E-06	3.46E-07	3.33E-07	7.03E-08	6.99E-08	2.0219E-05
608289.24	4200771.55	12151.08159	0.19071	0.1932	0.03601	0.03488	0.02014	0.02005	1.72E-05	1.15E-06	1.18E-06	3.52E-07	3.39E-07	7.05E-08	7.01E-08	2.0182E-05
608289.24	4200779.15	12133.73807	0.18869	0.19118	0.03662	0.03548	0.0202	0.02011	1.71E-05	1.14E-06	1.17E-06	3.58E-07	3.45E-07	7.07E-08	7.03E-08	2.0145E-05
608289.24	4200786.75	12116.27741	0.18666	0.18916	0.03724	0.03609	0.02026	0.02016	1.71E-05	1.12E-06	1.15E-06	3.64E-07	3.51E-07	7.09E-08	7.05E-08	2.0108E-05
608289.24	4200794.35	12098.95131	0.18465	0.18714	0.03787	0.0367	0.02031	0.02021	1.71E-05	1.11E-06	1.14E-06	3.70E-07	3.57E-07	7.11E-08	7.06E-08	2.0071E-05

608289.24	4200801.95	12081.04247	0.18263	0.18512	0.03849	0.03732	0.02037	0.02026	1.71E-05	1.10E-06	1.13E-06	3.76E-07	3.63E-07	7.13E-08	7.08E-08	2.0033E-05
608289.24	4200809.55	12063.08765	0.18062	0.18311	0.03912	0.03793	0.02042	0.02031	1.70E-05	1.09E-06	1.12E-06	3.82E-07	3.69E-07	7.15E-08	7.10E-08	1.9995E-05
608289.24	4200817.15	12044.63139	0.17861	0.1811	0.03975	0.03855	0.02047	0.02036	1.70E-05	1.08E-06	1.10E-06	3.88E-07	3.75E-07	7.17E-08	7.12E-08	1.9957E-05
608289.24	4200824.75	12025.98937	0.17661	0.1791	0.04039	0.03918	0.02052	0.02041	1.70E-05	1.06E-06	1.09E-06	3.94E-07	3.81E-07	7.18E-08	7.13E-08	1.9919E-05
608289.24	4200832.35	12007.86035	0.17463	0.17711	0.04103	0.03981	0.02057	0.02045	1.70E-05	1.05E-06	1.08E-06	4.01E-07	3.87E-07	7.20E-08	7.15E-08	1.9882E-05
608289.24	4200839.95	11989.29294	0.17266	0.17513	0.04166	0.04043	0.02061	0.0205	1.69E-05	1.04E-06	1.07E-06	4.07E-07	3.93E-07	7.22E-08	7.16E-08	1.9844E-05
608289.24	4200847.55	11970.32099	0.17069	0.17316	0.0423	0.04106	0.02066	0.02054	1.69E-05	1.03E-06	1.06E-06	4.13E-07	3.99E-07	7.23E-08	7.18E-08	1.9805E-05
608289.24	4200855.15	11950.78364	0.16874	0.17119	0.04294	0.0417	0.0207	0.02058	1.69E-05	1.02E-06	1.04E-06	4.19E-07	4.06E-07	7.25E-08	7.19E-08	1.9767E-05
608289.24	4200862.75	11930.97844	0.16679	0.16924	0.04359	0.04233	0.02075	0.02062	1.69E-05	1.00E-06	1.03E-06	4.26E-07	4.12E-07	7.27E-08	7.21E-08	1.9727E-05
608289.24	4200870.35	11910.99949	0.16487	0.1673	0.04423	0.04296	0.02079	0.02066	1.68E-05	9.93E-07	1.02E-06	4.32E-07	4.18E-07	7.28E-08	7.22E-08	1.9688E-05
608296.11	4200733.55	12175.56459	0.19743	0.19983	0.03292	0.03187	0.01977	0.01969	1.72E-05	1.19E-06	1.22E-06	3.21E-07	3.10E-07	6.92E-08	6.88E-08	2.0238E-05
608296.11	4200741.15	12158.67324	0.19547	0.19789	0.0335	0.03244	0.01983	0.01975	1.72E-05	1.18E-06	1.21E-06	3.27E-07	3.16E-07	6.94E-08	6.90E-08	2.0202E-05
608296.11	4200748.75	12141.62548	0.19351	0.19593	0.03409	0.03302	0.01989	0.01981	1.72E-05	1.17E-06	1.20E-06	3.33E-07	3.21E-07	6.96E-08	6.92E-08	2.0165E-05
608296.11	4200756.35	12124.63475	0.19154	0.19397	0.03469	0.0336	0.01995	0.01987	1.71E-05	1.15E-06	1.18E-06	3.39E-07	3.27E-07	6.99E-08	6.94E-08	2.0129E-05
608296.11	4200763.95	12107.56844	0.18957	0.19201	0.03529	0.03419	0.02001	0.01992	1.71E-05	1.14E-06	1.17E-06	3.45E-07	3.33E-07	7.01E-08	6.96E-08	2.0093E-05
608296.11	4200771.55	12090.71711	0.18761	0.19004	0.0359	0.03478	0.02007	0.01998	1.71E-05	1.13E-06	1.16E-06	3.51E-07	3.38E-07	7.03E-08	6.98E-08	2.0057E-05
608296.11	4200779.15	12073.46546	0.18564	0.18807	0.0365	0.03538	0.02013	0.02003	1.71E-05	1.12E-06	1.15E-06	3.56E-07	3.44E-07	7.05E-08	7.00E-08	2.0020E-05
608296.11	4200786.75	12056.09044	0.18367	0.18611	0.03712	0.03598	0.02018	0.02009	1.70E-05	1.11E-06	1.14E-06	3.63E-07	3.50E-07	7.07E-08	7.02E-08	1.9984E-05
608296.11	4200794.35	12038.8617	0.18171	0.18415	0.03773	0.03658	0.02024	0.02014	1.70E-05	1.09E-06	1.12E-06	3.68E-07	3.56E-07	7.09E-08	7.04E-08	1.9947E-05
608296.11	4200801.95	12021.25042	0.17974	0.18218	0.03835	0.03719	0.02029	0.02019	1.70E-05	1.08E-06	1.11E-06	3.75E-07	3.62E-07	7.10E-08	7.06E-08	1.9911E-05
608296.11	4200809.55	12003.58258	0.17779	0.18022	0.03897	0.0378	0.02034	0.02024	1.70E-05	1.07E-06	1.10E-06	3.81E-07	3.68E-07	7.12E-08	7.07E-08	1.9874E-05
608296.11	4200817.15	11985.52246	0.17584	0.17827	0.03959	0.03841	0.02039	0.02028	1.69E-05	1.06E-06	1.09E-06	3.87E-07	3.74E-07	7.14E-08	7.09E-08	1.9837E-05
608296.11	4200824.75	11967.08077	0.17389	0.17632	0.04022	0.03902	0.02044	0.02033	1.69E-05	1.05E-06	1.08E-06	3.93E-07	3.79E-07	7.16E-08	7.10E-08	1.9799E-05
608296.11	4200832.35	11948.96693	0.17196	0.17439	0.04085	0.03964	0.02049	0.02038	1.69E-05	1.04E-06	1.06E-06	3.99E-07	3.86E-07	7.17E-08	7.12E-08	1.9762E-05
608296.11	4200839.95	11930.70254	0.17004	0.17246	0.04148	0.04026	0.02054	0.02042	1.69E-05	1.02E-06	1.05E-06	4.05E-07	3.92E-07	7.19E-08	7.14E-08	1.9726E-05
608296.11	4200847.55	11912.03519	0.16813	0.17054	0.04211	0.04089	0.02058	0.02046	1.68E-05	1.01E-06	1.04E-06	4.11E-07	3.98E-07	7.21E-08	7.15E-08	1.9688E-05
608296.11	4200855.15	11892.8081	0.16622	0.16862	0.04274	0.04151	0.02062	0.0205	1.68E-05	1.00E-06	1.03E-06	4.17E-07	4.04E-07	7.22E-08	7.16E-08	1.9650E-05
608296.11	4200862.75	11873.23195	0.16433	0.16672	0.04337	0.04213	0.02067	0.02054	1.68E-05	9.89E-07	1.02E-06	4.24E-07	4.10E-07	7.24E-08	7.18E-08	1.9612E-05
608296.11	4200870.35	11853.47764	0.16245	0.16483	0.04401	0.04276	0.02071	0.02058	1.67E-05	9.78E-07	1.01E-06	4.30E-07	4.16E-07	7.25E-08	7.19E-08	1.9573E-05
608302.98	4200733.55	12114.72796	0.19411	0.19647	0.03284	0.0318	0.0197	0.01962	1.71E-05	1.17E-06	1.20E-06	3.21E-07	3.09E-07	6.90E-08	6.86E-08	2.0110E-05
608302.98	4200741.15	12098.31023	0.19221	0.19458	0.03342	0.03237	0.01977	0.01968	1.71E-05	1.16E-06	1.19E-06	3.26E-07	3.15E-07	6.92E-08	6.88E-08	2.0075E-05
608302.98	4200748.75	12081.73932	0.19031	0.19268	0.034	0.03294	0.01983	0.01974	1.71E-05	1.15E-06	1.18E-06	3.32E-07	3.20E-07	6.94E-08	6.90E-08	2.0040E-05
608302.98	4200756.35	12064.72457	0.1884	0.19078	0.03459	0.03351	0.01989	0.0198	1.70E-05	1.13E-06	1.16E-06	3.38E-07	3.26E-07	6.96E-08	6.92E-08	2.0004E-05
608302.98	4200763.95	12047.55334	0.18648	0.18886	0.03518	0.03409	0.01994	0.01985	1.70E-05	1.12E-06	1.15E-06	3.44E-07	3.32E-07	6.98E-08	6.94E-08	1.9968E-05
608302.98	4200771.55	12030.89431	0.18457	0.18696	0.03578	0.03468	0.02	0.01991	1.70E-05	1.11E-06	1.14E-06	3.49E-07	3.37E-07	7.00E-08	6.96E-08	1.9933E-05
608302.98	4200779.15	12013.92473	0.18266	0.18504	0.03638	0.03527	0.02006	0.01996	1.70E-05	1.10E-06	1.13E-06	3.55E-07	3.43E-07	7.02E-08	6.98E-08	1.9897E-05
608302.98	4200786.75	11996.63805	0.18074	0.18313	0.03699	0.03586	0.02011	0.02001	1.69E-05	1.09E-06	1.12E-06	3.61E-07	3.49E-07	7.04E-08	6.99E-08	1.9862E-05
608302.98	4200794.35	11979.3091	0.17883	0.18122	0.03759	0.03646	0.02017	0.02006	1.69E-05	1.08E-06	1.11E-06	3.67E-07	3.55E-07	7.06E-08	7.01E-08	1.9826E-05
608302.98	4200801.95	11961.79405	0.17692	0.17931	0.0382	0.03706	0.02022	0.02011	1.69E-05	1.07E-06	1.09E-06	3.73E-07	3.60E-07	7.08E-08	7.03E-08	1.9790E-05
608302.98	4200809.55	11944.50713	0.17502	0.1774	0.03882	0.03766	0.02027	0.02016	1.69E-05	1.05E-06	1.08E-06	3.79E-07	3.66E-07	7.10E-08	7.05E-08	1.9754E-05
608302.98	4200817.15	11926.84152	0.17312	0.1755	0.03943	0.03826	0.02032	0.02021	1.68E-05	1.04E-06	1.07E-06	3.85E-07	3.72E-07	7.11E-08	7.06E-08	1.9718E-05
608302.98	4200824.75	11908.79536	0.17123	0.17361	0.04005	0.03887	0.02037	0.02025	1.68E-05	1.03E-06	1.06E-06	3.91E-07	3.78E-07	7.13E-08	7.08E-08	1.9683E-05
608302.98	4200832.35	11890.49953	0.16935	0.17172	0.04067	0.03948	0.02041	0.0203	1.68E-05	1.02E-06	1.05E-06	3.97E-07	3.84E-07	7.15E-08	7.09E-08	1.9645E-05
608302.98	4200839.95	11872.43583	0.16747	0.16984	0.04129	0.04009	0.02046	0.02034	1.68E-05	1.01E-06	1.04E-06	4.03E-07	3.90E-07	7.16E-08	7.11E-08	1.9608E-05
608302.98	4200847.55	11854.06693	0.16561	0.16797	0.04191	0.04071	0.0205	0.02038	1.67E-05	9.97E-07	1.02E-06	4.09E-07	3.96E-07	7.18E-08	7.12E-08	1.9572E-05
608302.98	4200855.15	11835.2465	0.16376	0.16611	0.04254	0.04132	0.02054	0.02042	1.67E-05	9.86E-07	1.01E-06	4.15E-07	4.02E-07	7.19E-08	7.14E-08	1.9535E-05
608302.98	4200862.75	11815.8934	0.16191	0.16425	0.04316	0.04194	0.02059	0.02046	1.67E-05	9.75E-07	1.00E-06	4.21E-07	4.08E-07	7.21E-08	7.15E-08	1.9497E-05
608302.98	4200870.35	11796.3607	0.16008	0.16241	0.04378	0.04256	0.02063	0.0205	1.67E-05	9.64E-07	9.91E-07	4.28E-07	4.14E-07	7.22E-08	7.16E-08	1.9459E-05

Ranch EIR Residential Project Construction Parameters

Phase 3

Construction Annual Total PM2.5 (Total PM2.5) **Mitigated Concentrations**

Annual Average Onsite DPM Rate (grams/m2/sec):	5.63E-09
Annual Average Offsite DPM Emission Rate - Road 1 (grams/sec):	2.51E-04
Annual Average Offsite DPM Emission Rate - Road 2 (grams/sec):	2.54E-04
Annual Average Offsite DPM Emission Rate - Road 3 (grams/sec):	4.07E-04
Annual Average Offsite DPM Emission Rate - Road 4 (grams/sec):	4.06E-04
Annual Average Offsite DPM Emission Rate - Road 5 (grams/sec):	1.46E-04
Annual Average Offsite DPM Emission Rate - Road 6 (grams/sec):	1.46E-04

X	Y	Onsite Phase 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 1 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 4 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 5 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 6 Unit Emissions VALUES AVERAGED AVERAGE CONC	Onsite Phase 3 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 1 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 2 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 3 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 4 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 5 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 6 Annual PM2.5 Total w/Actual Emissions (ug/m3)	**Total DPM (ug/m3)**
605009.76	4201463.46	9951.06161	0.00295	0.00295	0.01178	0.01195	0.10995	0.11322	5.60E-05	7.41E-07	7.51E-07	4.80E-06	4.85E-06	1.61E-05	1.65E-05	6.7119E-05
605020.97	4201489.77	10034.83846	0.00295	0.00296	0.01192	0.0121	0.11465	0.11811	5.65E-05	7.41E-07	7.53E-07	4.86E-06	4.91E-06	1.67E-05	1.72E-05	6.7710E-05
605025.63	4201440.58	10937.12062	0.00301	0.00301	0.01197	0.01215	0.11463	0.11811	6.15E-05	7.56E-07	7.66E-07	4.88E-06	4.93E-06	1.67E-05	1.72E-05	7.2855E-05
605045.35	4201493.83	10577.01547	0.00292	0.00293	0.01195	0.01213	0.11763	0.12129	5.95E-05	7.33E-07	7.45E-07	4.87E-06	4.92E-06	1.72E-05	1.77E-05	7.0770E-05
605052.57	4201438.73	12064.31901	0.00303	0.00303	0.01215	0.01233	0.12091	0.12468	6.79E-05	7.61E-07	7.71E-07	4.95E-06	5.00E-06	1.77E-05	1.82E-05	7.9353E-05
605067.01	4201501.96	11093.38638	0.0029	0.00291	0.01203	0.01221	0.12155	0.12541	6.24E-05	7.28E-07	7.40E-07	4.90E-06	4.95E-06	1.78E-05	1.83E-05	7.3730E-05
605077.3	4201449.8	12824.07783	0.00301	0.00302	0.01225	0.01243	0.12606	0.1301	7.21E-05	7.56E-07	7.68E-07	4.99E-06	5.04E-06	1.84E-05	1.90E-05	8.3701E-05
605088.68	4201514.14	11576.44305	0.00289	0.0029	0.01214	0.01232	0.12652	0.13065	6.51E-05	7.26E-07	7.38E-07	4.94E-06	5.00E-06	1.85E-05	1.90E-05	7.6532E-05
605094.28	4201462.35	13101.05304	0.00297	0.00298	0.01226	0.01244	0.12804	0.1322	7.37E-05	7.46E-07	7.58E-07	4.99E-06	5.05E-06	1.87E-05	1.93E-05	8.5247E-05
605106.29	4201530.4	11859.04624	0.00287	0.00289	0.01225	0.01243	0.13151	0.13591	6.67E-05	7.21E-07	7.35E-07	4.99E-06	5.04E-06	1.92E-05	1.98E-05	7.8203E-05
605113.1	4201473.42	13562.00181	0.00295	0.00295	0.01233	0.01251	0.13192	0.13628	7.63E-05	7.41E-07	7.51E-07	5.02E-06	5.07E-06	1.93E-05	1.99E-05	8.7884E-05
605134.6	4201499.62	13533.87765	0.00288	0.00289	0.01235	0.01253	0.135	0.13952	7.61E-05	7.23E-07	7.35E-07	5.03E-06	5.08E-06	1.97E-05	2.03E-05	8.7709E-05
605151.19	4201482.44	15215.6272	0.00296	0.00297	0.01262	0.0128	0.14433	0.1493	8.56E-05	7.43E-07	7.56E-07	5.14E-06	5.19E-06	2.11E-05	2.18E-05	9.7430E-05
605168.07	4201530.53	14071.15656	0.00285	0.00287	0.01256	0.01275	0.14633	0.15149	7.92E-05	7.16E-07	7.30E-07	5.12E-06	5.17E-06	2.14E-05	2.21E-05	9.0894E-05
605172.03	4201466.28	17878.87846	0.0031	0.00311	0.01308	0.01327	0.16061	0.16635	1.01E-04	7.79E-07	7.91E-07	5.33E-06	5.38E-06	2.35E-05	2.42E-05	1.1286E-04
605181.62	4201558.83	13753.42752	0.00281	0.00283	0.01262	0.01281	0.15097	0.15646	7.74E-05	7.06E-07	7.20E-07	5.14E-06	5.20E-06	2.20E-05	2.28E-05	8.9135E-05
605188.98	4201454.15	20446.21075	0.00321	0.00323	0.01347	0.01367	0.17321	0.17944	1.15E-04	8.06E-07	8.22E-07	5.49E-06	5.55E-06	2.53E-05	2.62E-05	1.2768E-04
605191.33	4201515.02	15952.80831	0.00291	0.00293	0.01284	0.01303	0.15756	0.16325	8.97E-05	7.31E-07	7.45E-07	5.23E-06	5.29E-06	2.30E-05	2.38E-05	1.0174E-04
605193.13	4201585.31	13627.91235	0.0028	0.00283	0.01279	0.01299	0.15889	0.16489	7.67E-05	7.03E-07	7.20E-07	5.21E-06	5.27E-06	2.32E-05	2.40E-05	8.8569E-05
605201.19	4201601.43	13296.47736	0.00275	0.00278	0.01274	0.01294	0.15808	0.16407	7.48E-05	6.91E-07	7.07E-07	5.19E-06	5.25E-06	2.31E-05	2.39E-05	8.6638E-05
605202.19	4201404.28	30314.96847	0.00367	0.00368	0.01494	0.01516	0.19319	0.20005	1.71E-04	9.22E-07	9.36E-07	6.09E-06	6.15E-06	2.82E-05	2.92E-05	1.8464E-04
605207.14	4201438.92	24909.77694	0.00343	0.00344	0.01424	0.01445	0.19283	0.2	1.40E-04	8.61E-07	8.75E-07	5.80E-06	5.86E-06	2.82E-05	2.92E-05	1.5353E-04
605207.2	4201501	17947.74259	0.00301	0.00303	0.01315	0.01335	0.17022	0.17656	1.01E-04	7.56E-07	7.71E-07	5.36E-06	5.42E-06	2.49E-05	2.57E-05	1.1327E-04
605208.1	4201623.31	12572.12144	0.00265	0.00268	0.01256	0.01276	0.15217	0.15788	7.07E-05	6.66E-07	6.82E-07	5.12E-06	5.18E-06	2.22E-05	2.30E-05	8.2366E-05
605226.39	4201488.08	20479.63758	0.00311	0.00313	0.01351	0.01371	0.1852	0.19234	1.15E-04	7.81E-07	7.96E-07	5.50E-06	5.56E-06	2.70E-05	2.80E-05	1.2785E-04
605226.91	4201528.1	17427.90932	0.00293	0.00295	0.01316	0.01336	0.1744	0.18103	9.80E-05	7.36E-07	7.51E-07	5.36E-06	5.42E-06	2.55E-05	2.64E-05	1.1031E-04
605227.67	4201640.58	12749.59312	0.00263	0.00266	0.01267	0.01288	0.15881	0.16497	7.17E-05	6.61E-07	6.77E-07	5.16E-06	5.22E-06	2.32E-05	2.40E-05	8.3448E-05
605241.22	4201548.03	17378.57033	0.00291	0.00294	0.01329	0.0135	0.18354	0.19078	9.78E-05	7.31E-07	7.48E-07	5.41E-06	5.48E-06	2.68E-05	2.78E-05	1.1013E-04
605249.55	4201659	13037.52202	0.00262	0.00265	0.01285	0.01306	0.1688	0.17567	7.33E-05	6.58E-07	6.74E-07	5.23E-06	5.30E-06	2.47E-05	2.56E-05	8.5209E-05
605251.44	4201595.54	16043.06805	0.00286	0.00289	0.01342	0.01363	0.19255	0.20054	9.03E-05	7.18E-07	7.35E-07	5.47E-06	5.53E-06	2.81E-05	2.92E-05	1.0270E-04
605251.89	4201403.82	35832.1866	0.00366	0.00367	0.01505	0.01526	0.21408	0.22267	2.02E-04	9.19E-07	9.34E-07	6.13E-06	6.19E-06	3.13E-05	3.25E-05	2.1575E-04
605255.31	4201424.35	32444.9934	0.00356	0.00357	0.01486	0.01507	0.21806	0.2268	1.83E-04	8.94E-07	9.08E-07	6.05E-06	6.11E-06	3.18E-05	3.31E-05	1.9649E-04
605262.68	4201624.15	15165.51197	0.00278	0.0028	0.01333	0.01355	0.19128	0.19935	8.53E-05	6.98E-07	7.12E-07	5.43E-06	5.50E-06	2.79E-05	2.91E-05	9.7653E-05
605269.83	4201576.12	18270.93229	0.00298	0.00301	0.01384	0.01407	0.21409	0.22334	1.03E-04	7.48E-07	7.66E-07	5.64E-06	5.71E-06	3.13E-05	3.26E-05	1.1565E-04
605271.43	4201670.51	13477.44456	0.00263	0.00265	0.01303	0.01326	0.18013	0.18782	7.58E-05	6.61E-07	6.74E-07	5.31E-06	5.38E-06	2.63E-05	2.74E-05	8.7841E-05
605272.78	4201468.12	26226.85305	0.00324	0.00326	0.01411	0.01431	0.21302	0.22192	1.48E-04	8.14E-07	8.29E-07	5.75E-06	5.80E-06	3.11E-05	3.23E-05	1.6074E-04
605279.99	4201489.75	24052.93274	0.00312	0.00314	0.01391	0.01411	0.20905	0.21772	1.35E-04	7.84E-07	7.99E-07	5.67E-06	5.72E-06	3.05E-05	3.17E-05	1.4829E-04
605283.25	4201414.66	38335.61416	0.00368	0.00369	0.01537	0.01559	0.23544	0.2453	2.16E-04	9.24E-07	9.39E-07	6.26E-06	6.32E-06	3.44E-05	3.58E-05	2.3011E-04
605285.4	4201543.23	20451.88379	0.00299	0.00302	0.01383	0.01404	0.2135	0.22255	1.15E-04	7.51E-07	7.68E-07	5.63E-06	5.70E-06	3.12E-05	3.24E-05	1.2790E-04
605286.18	4201633.34	15800.39754	0.00278	0.00281	0.01354	0.01377	0.20554	0.21458	8.89E-05	6.98E-07	7.15E-07	5.52E-06	5.59E-06	3.00E-05	3.13E-05	1.0140E-04
605286.6	4201513.79	22235.48601	0.00303	0.00306	0.01381	0.01402	0.20836	0.21699	1.25E-04	7.61E-07	7.79E-07	5.62E-06	5.69E-06	3.04E-05	3.16E-05	1.3794E-04
605288.7	4201676.27	13875.79782	0.00263	0.00265	0.01318	0.0134	0.18949	0.19785	7.81E-05	6.61E-07	6.74E-07	5.37E-06	5.44E-06	2.77E-05	2.88E-05	9.0200E-05
605303.55	4201645.09	15836.73114	0.00274	0.00277	0.01358	0.01381	0.21134	0.22086	8.91E-05	6.88E-07	7.05E-07	5.53E-06	5.60E-06	3.09E-05	3.22E-05	1.0162E-04
605305.23	4201576.28	20757.10304	0.00308	0.00311	0.01448	0.01471	0.25115	0.26271	1.17E-04	7.74E-07	7.91E-07	5.90E-06	5.97E-06	3.67E-05	3.83E-05	1.3020E-04
605306.62	4201416.94	42247.2438	0.00379	0.0038	0.01592	0.01616	0.25477	0.26588	2.38E-04	9.52E-07	9.67E-07	6.48E-06	6.56E-06	3.72E-05	3.88E-05	2.5263E-04
605315.44	4201466.31	31105.25782	0.00337	0.00339	0.01478	0.01499	0.25049	0.26186	1.75E-04	8.46E-07	8.62E-07	6.02E-06	6.08E-06	3.66E-05	3.82E-05	1.8880E-04
605322.05	4201586.49	21392.46733	0.00311	0.00314	0.01479	0.01504	0.2715	0.28441	1.20E-04	7.81E-07	7.99E-07	6.02E-06	6.10E-06	3.96E-05	4.15E-05	1.3405E-04
605331.61	4201420.86	45813.83566	0.00388	0.0039	0.01649	0.01673	0.27743	0.29023	2.58E-04	9.74E-07	9.92E-07	6.72E-06	6.79E-06	4.05E-05	4.23E-05	2.7320E-04
605335.73	4201683.92	15336.89307	0.00267	0.00269	0.01368	0.01391	0.22453	0.23543	8.63E-05	6.71E-07	6.84E-07	5.57E-06	5.64E-06	3.28E-05	3.43E-05	9.8850E-05
605338.73	4201527.72	24487.03484	0.00305	0.00307	0.0143	0.01451	0.24316	0.25419	1.38E-04	7.66E-07	7.81E-07	5.82E-06	5.89E-06	3.55E-05	3.70E-05	1.5101E-04
605341.29	4201471.54	33096.65592	0.00343	0.00345	0.01516	0.01539	0.27732	0.29067	1.86E-04	8.61E-07	8.78E-07	6.17E-06	6.24E-06	4.05E-05	4.24E-05	2.0035E-04
605343.08	4201606.92	21245.63888	0.00309	0.00312	0.01499	0.01525	0.29152	0.30595	1.20E-04	7.76E-07	7.94E-07	6.11E-06	6.19E-06	4.26E-05	4.46E-05	1.3338E-04
605346.39	4201549.18	23802.15546	0.00305	0.00308	0.01449	0.01472	0.26143	0.27384	1.34E-04	7.66E-07	7.84E-07	5.90E-06	5.97E-06	3.82E-05	3.99E-05	1.4733E-04
605347.42	4201504.74	27653.18416	0.00316	0.00319	0.01457	0.01478	0.25826	0.27051	1.56E-04	7.94E-07	8.12E-07	5.93E-06	6.00E-06	3.77E-05	3.94E-05	1.6910E-04
605353.26	4201422.76	48701.97423	0.00395	0.00397	0.01692	0.01717	0.29815	0.31288	2.74E-04	9.92E-07	1.01E-06	6.89E-06	6.96E-06	4.35E-05	4.56E-05	2.8984E-04
605355.14	4201690.56	15827.60483	0.00269	0.00271	0.01389	0.01414	0.24198	0.25428	8.90E-05	6.76E-07	6.89E-07	5.66E-06	5.74E-06	3.53E-05	3.71E-05	1.0180E-04
605358.21	4201654.29	18151.53871	0.00285	0.00287	0.0144	0.01465	0.27037	0.2843	1.02E-04	7.16E-07	7.30E-07	5.87E-06	5.94E-06	3.95E-05	4.14E-05	1.1537E-04
605363.25	4201470.52	35999.28074	0.00353	0.00356	0.01568	0.01592	0.30717	0.32267	2.03E-04	8.87E-07	9.06E-07	6.39E-06	6.46E-06	4.49E-05	4.70E-05	2.1716E-04
605367.72	4201603.92	23255.79007	0.00319	0.00322	0.01557	0.01584	0.33023	0.34751	1.31E-04	8.01E-07	8.19E-07	6.34E-06	6.43E-06	4.82E-05	5.07E-05	1.4522E-04
605371.93	4201559.39	24979.67051	0.00311	0.00314	0.01495	0.01518	0.29864	0.31403	1.41E-04	7.81E-07	7.99E-07	6.09E-06	6.16E-06	4.36E-05	4.58E-05	1.5436E-04
605375.91	4201424.82	50831.6277	0.004	0.00402	0.01725	0.0175	0.32226	0.33904	2.86E-04	1.00E-06	1.02E-06	7.03E-06	7.10E-06	4.71E-05	4.94E-05	3.0212E-04
605379.67	4201688.01	16980.07181	0.00275	0.00277	0.01428	0.01453	0.27281	0.28749	9.55E-05	6.91E-07	7.05E-07	5.82E-06	5.89E-06	3.98E-05	4.19E-05	1.0863E-04
605382.73	4201653.78	19397.23015	0.00291	0.00293	0.0148	0.01506	0.30463	0.32129	1.09E-04	7.31E-07	7.45E-07	6.03E-06	6.11E-06	4.45E-05	4.68E-05	1.2274E-04
605391.16	4201606.92	24881.41245	0.00328	0.00332	0.01617	0.01645	0.37145	0.39227	1.40E-04	8.24E-07	8.45E-07	6.59E-06	6.67E-06	5.42E-05	5.72E-05	1.5490E-04
605392.87	4201547.64	26377.02341	0.00309	0.00312	0.01496	0.01518	0.30317	0.31899	1.48E-04	7.76E-07	7.94E-07	6.09E-06	6.16E-06	4.43E-05	4.65E-05	1.6221E-04
605397.74	4201432.23	50304.25353	0.00397	0.00399	0.01731	0.01757	0.34987	0.36919	2.83E-04	9.97E-07	1.02E-06	7.05E-06	7.13E-06	5.11E-05	5.38E-05	2.9919E-04
605400.1	4201689.03	17755.9543	0.00278	0.0028	0.01457	0.01482	0.29963	0.31661	9.99E-05	6.98E-07	7.12E-07	5.93E-06	6.01E-06	4.38E-05	4.61E-05	1.1325E-04
605401.04	4201524.15	28616.3576	0.00313	0.00316	0.015	0.01521	0.30202	0.31793	1.61E-04	7.86E-07	8.04E-07	6.11E-06	6.17E-06	4.41E-05	4.63E-05	1.7486E-04
605402.58	4201503.72	31476.66334	0.00324	0.00327	0.0152	0.01542	0.31565	0.33301	1.77E-04	8.14E-07	8.32E-07	6.19E-06	6.26E-06	4.61E-05	4.85E-05	1.9117E-04
605407.25	4201655.82	20334.71473	0.00294	0.00297	0.01513	0.0154	0.33857	0.35813	1.14E-04	7.38E-07	7.56E-07	6.16E-06	6.25E-06	4.94E-05	5.22E-05	1.2830E-04
605407.68	4201483.8	35935.28071	0.00344	0.00347	0.01574	0.01596	0.34715	0.36718	2.02E-04	8.64E-07	8.83E-07	6.41E-06	6.47E-06	5.07E-05	5.35E-05	2.1679E-04
605416.39	4201604.52	26330.71098	0.00333	0.00336	0.01653	0.01682	0.41318	0.43749	1.48E-04	8.36E-07	8.55E-07	6.73E-06	6.82E-06	6.03E-05	6.38E-05	1.6338E-04
605416.69	4201438.82	49488.97983	0.00394	0.00396	0.01732	0.01758	0.37663	0.39816	2.78E-04	9.90E-07	1.01E-06	7.05E-06	7.13E-06	5.50E-05	5.80E-05	2.9459E-04
605423.6	4201689.54	18587.75863	0.00281	0.00283	0.01487	0.01514	0.33225	0.3522	1.05E-04	7.06E-07	7.20E-07	6.06E-06	6.14E-06	4.85E-05	5.13E-05	1.1819E-04
605425.13	4201659.91	20781.20895	0.00295	0.00298	0.01533	0.0156	0.36407	0.38614	1.17E-04	7.41E-07	7.58E-07	6.24E-06	6.33E-06	5.32E-05	5.63E-05	1.3098E-04
605438.52	4201442.12	49767.92912	0.00393	0.00395	0.01743	0.0177	0.40979	0.43478	2.80E-04	9.87E-07	1.00E-06	7.10E-06	7.18E-06	5.98E-05	6.34E-05	2.9625E-04
605439.23	4201611.73	26814.54456	0.00334	0.00337	0.01681	0.01711	0.45757	0.48614	1.51E-04	8.39E-07	8.57E-07	6.85E-06	6.94E-06	6.68E-05	7.09E-05	1.6633E-04
605440.46	4201696.18	18813.86003	0.00282	0.00284	0.01504	0.01531	0.35557	0.37798	1.06E-04	7.08E-07	7.23E-07	6.13E-06	6.21E-06	5.19E-05	5.51E-05	1.1961E-04
605441.9	4201530.28	30927.83462	0.00323	0.00326	0.01565	0.01588	0.37673	0.3999	1.74E-04	8.11E-07	8.29E-07	6.37E-06	6.44E-06	5.50E-05	5.83E-05	1.8845E-04
605441.9	4201555.3	29483.68868	0.00326	0.00329	0.01597	0.01622	0.40949	0.43524	1.66E-04	8.19E-07	8.37E-07	6.50E-06	6.58E-06	5.98E-05	6.34E-05	1.8061E-04
605448.12	4201661.95	21706.7905	0.003	0.00303	0.01571	0.016	0.41161	0.43855	1.22E-04	7.53E-07	7.71E-07	6.40E-06	6.49E-06	6.01E-05	6.39E-05	1.3653E-04
605450.08	4201487.89	37718.635	0.00347	0.0035	0.01616	0.0164	0.41026	0.43677	2.12E-04	8.71E-07	8.90E-07	6.58E-06	6.65E-06	5.99E-05	6.37E-05	2.2719E-04
605450.59	4201506.27	34550.04769	0.00335	0.00338	0.01592	0.01615	0.39992	0.42555	1.94E-04	8.41E-07	8.60E-07	6.48E-06	6.55E-06	5.84E-05	6.20E-05	2.0911E-04
605456.65	4201611.13	27722.03822	0.00338	0.00341	0.0171	0.0174	0.49801	0.53105	1.56E-04	8.49E-07	8.68E-07	6.97E-06	7.06E-06	7.27E-05	7.74E-05	1.7170E-04
605459.12	4201443.35	50531.68065	0.00394	0.00397	0.01761	0.01788	0.4455	0.47423	2.84E-04	9.90E-07	1.01E-06	7.17E-06	7.25E-06	6.51E-05	6.91E-05	3.0070E-04
605462.43	4201701.8	19277.18009	0.00284	0.00286	0.01531	0.01559	0.39407	0.42077	1.08E-04	7.13E-07	7.28E-07	6.24E-06	6.32E-06	5.75E-05	6.13E-05	1.2245E-04
605466.42	4201572.67	30243.44775	0.00337	0.0034	0.01676	0.01703	0.49393	0.52743	1.70E-04	8.46E-07	8.65E-07	6.83E-06	6.91E-06	7.21E-05	7.69E-05	1.8559E-04
605467.03	4201661.95	22695.98981	0.00307	0.00309	0.01613	0.01642	0.46477	0.49718	1.28E-04	7.71E-07	7.86E-07	6.57E-06	6.66E-06	6.79E-05	7.25E-05	1.4247E-04
605483.09	4201613.53	28681.15404	0.00342	0.00345	0.0175	0.01781	0.57034	0.61221	1.61E-04	8.59E-07	8.78E-07	7.13E-06	7.22E-06	8.33E-05	8.92E-05	1.7744E-04
605483.88	4201705.38	19937.2519	0.00289	0.0029	0.01567	0.01596	0.44836	0.48116	1.12E-04	7.26E-07	7.38E-07	6.38E-06	6.47E-06	6.55E-05	7.01E-05	1.2648E-04
605484.66	4201447.47	50775.22089	0.00395	0.00398	0.01785	0.01812	0.49981	0.53446	2.86E-04	9.92E-07	1.01E-06	7.27E-06	7.35E-06	7.30E-05	7.79E-05	3.0227E-04
605492.57	4201664	23891.40934	0.00316	0.00318	0.0167	0.01701	0.55145	0.59367	1.34E-04	7.94E-07	8.09E-07	6.80E-06	6.90E-06	8.05E-05	8.65E-05	1.4971E-04
605492.98	4201561.94	31633.43191	0.00336	0.0034	0.01681	0.01708	0.54229	0.58375	1.78E-04	8.44E-07	8.65E-07	6.85E-06	6.93E-06	7.92E-05	8.51E-05	1.9344E-04
605498.6	4201538.96	33016.44401	0.00332	0.00335	0.01647	0.01671	0.50926	0.54855	1.86E-04	8.34E-07	8.52E-07	6.71E-06	6.78E-06	7.44E-05	8.00E-05	2.0091E-04
605501.15	4201514.96	35743.3342	0.00338	0.00341	0.01649	0.01673	0.50649	0.54572	2.01E-04	8.49E-07	8.68E-07	6.72E-06	6.79E-06	7.40E-05	7.95E-05	2.1630E-04
605502.92	4201612.33	29508.70362	0.00345	0.00349	0.01778	0.01809	0.6348	0.68507	1.66E-04	8.66E-07	8.88E-07	7.24E-06	7.34E-06	9.27E-05	9.99E-05	1.8234E-04
605503.19	4201494.01	39331.27349	0.00351	0.00355	0.01676	0.01701	0.52643	0.56761	2.21E-04	8.82E-07	9.03E-07	6.83E-06	6.90E-06	7.69E-05	8.27E-05	2.3678E-04
605504.84	4201447.88	52319.74852	0.00402	0.00405	0.01829	0.01858	0.55312	0.59496	2.94E-04	1.01E-06	1.03E-06	7.45E-06	7.54E-06	8.08E-05	8.67E-05	3.1136E-04
605506.45	4201709.81	20736.81926	0.00296	0.00298	0.01616	0.01647	0.53053	0.57377	1.17E-04	7.43E-07	7.58E-07	6.58E-06	6.68E-06	7.75E-05	8.36E-05	1.3142E-04
605507.9	4201666.04	24611.98917	0.00322	0.00324	0.0171	0.01742	0.61754	0.66807	1.38E-04	8.09E-07	8.24E-07	6.97E-06	7.07E-06	9.02E-05	9.74E-05	1.5412E-04
605523.95	4201611.73	30349.32728	0.00349	0.00352	0.0181	0.01842	0.7198	0.78222	1.71E-04	8.76E-07	8.96E-07	7.37E-06	7.47E-06	1.05E-04	1.14E-04	1.8735E-04
605525.44	4201445.41	55250.93199	0.00416	0.00419	0.01899	0.01929	0.61887	0.67059	3.11E-04	1.04E-06	1.07E-06	7.73E-06	7.82E-06	9.04E-05	9.77E-05	3.2850E-04
605529.85	4201708.66	21857.7945	0.00305	0.00307	0.01673	0.01705	0.64117	0.69871	1.23E-04	7.66E-07	7.81E-07	6.81E-06	6.92E-06	9.36E-05	1.02E-04	1.3824E-04
605535.44	4201664.55	26323.18149	0.00336	0.00338	0.01794	0.01827	0.76843	0.83973	1.48E-04	8.44E-07	8.60E-07	7.31E-06	7.41E-06	1.12E-04	1.22E-04	1.6451E-04
605544.56	4201490.44	42161.93886	0.00364	0.00368	0.01752	0.01779	0.68202	0.74586	2.37E-04	9.14E-07	9.36E-07	7.14E-06	7.22E-06	9.96E-05	1.09E-04	2.5339E-04
605546.45	4201443.77	57044.04836	0.00424	0.00428	0.01949	0.0198	0.69753	0.76333	3.21E-04	1.06E-06	1.09E-06	7.94E-06	8.03E-06	1.02E-04	1.11E-04	3.3904E-04
605546.79	4201603.32	31440.83325	0.00351	0.00354	0.01826	0.01857	0.82057	0.8996	1.77E-04	8.82E-07	9.01E-07	7.44E-06	7.53E-06	1.20E-04	1.31E-04	1.9363E-04
605547.12	4201515.47	37507.90349	0.00345	0.00349	0.01711	0.01737	0.66138	0.72561	2.11E-04	8.66E-07	8.88E-07	6.97E-06	7.05E-06	9.66E-05	1.06E-04	2.2678E-04
605553.76	4201533.34	35229.05937	0.00337	0.00341	0.01706	0.01732	0.67397	0.74166	1.98E-04	8.46E-07	8.68E-07	6.95E-06	7.03E-06	9.84E-05	1.08E-04	2.1388E-04
605554.89	4201703.55	23512.9295	0.00319	0.00321	0.01754	0.01788	0.81759	0.90038	1.32E-04	8.01E-07	8.17E-07	7.14E-06	7.25E-06	1.19E-04	1.31E-04	1.4829E-04
605558.77	4201654.65	28611.23978	0.00353	0.00355	0.01887	0.01922	0.94405	1.04388	1.61E-04	8.87E-07	9.03E-07	7.69E-06	7.80E-06	1.38E-04	1.52E-04	1.7823E-04
605564.99	4201556.84	33545.26565	0.00337	0.0034	0.01734	0.01761	0.76815	0.85274	1.89E-04	8.46E-07	8.65E-07	7.06E-06	7.14E-06	1.12E-04	1.24E-04	2.0463E-04
605565.42	4201590.1	32388.39376	0.00349	0.00352	0.01816	0.01846	0.89866	0.99671	1.82E-04	8.76E-07	8.96E-07	7.40E-06	7.49E-06	1.31E-04	1.45E-04	1.9886E-04
605567.46	4201442.94	56559.94124	0.00421	0.00424	0.01945	0.01976	0.78933	0.87304	3.18E-04	1.06E-06	1.08E-06	7.92E-06	8.02E-06	1.15E-04	1.27E-04	3.3626E-04
605573.79	4201690.78	25601.63508	0.00336	0.00338	0.0184	0.01876	1.00771	1.12207	1.44E-04	8.44E-07	8.60E-07	7.49E-06	7.61E-06	1.47E-04	1.64E-04	1.6084E-04
605579.28	4201648.29	29925.53684	0.00361	0.00364	0.01938	0.01974	1.11891	1.25037	1.68E-04	9.07E-07	9.26E-07	7.89E-06	8.01E-06	1.63E-04	1.82E-04	1.8609E-04
605581.34	4201577.78	33104.09308	0.00345	0.00349	0.01801	0.01831	0.96662	1.08678	1.86E-04	8.66E-07	8.88E-07	7.34E-06	7.43E-06	1.41E-04	1.58E-04	2.0275E-04
605585.21	4201494.54	42663.93771	0.00368	0.00371	0.01804	0.01832	0.90019	1.00458	2.40E-04	9.24E-07	9.44E-07	7.35E-06	7.43E-06	1.31E-04	1.46E-04	2.5666E-04
605590.11	4201443.35	56038.5037	0.00419	0.00423	0.01952	0.01983	0.91799	1.02813	3.15E-04	1.05E-06	1.08E-06	7.95E-06	8.04E-06	1.34E-04	1.50E-04	3.3338E-04
605590.91	4201684.04	27088.41928	0.00349	0.00351	0.01912	0.01949	1.21218	1.36759	1.52E-04	8.76E-07	8.93E-07	7.79E-06	7.91E-06	1.77E-04	1.99E-04	1.6985E-04
605596.96	4201631.32	31305.07378	0.00363	0.00365	0.01944	0.01979	1.27921	1.44521	1.76E-04	9.12E-07	9.29E-07	7.92E-06	8.03E-06	1.87E-04	2.11E-04	1.9390E-04
605608.24	4201447.88	55000.27646	0.00418	0.00421	0.01966	0.01997	1.06526	1.20922	3.09E-04	1.05E-06	1.07E-06	8.01E-06	8.10E-06	1.56E-04	1.76E-04	3.2764E-04
605612.32	4201491.81	44728.97585	0.00381	0.00385	0.01877	0.01907	1.1653	1.3278	2.52E-04	9.57E-07	9.80E-07	7.65E-06	7.74E-06	1.70E-04	1.94E-04	2.6895E-04
605612.51	4201618.59	32062.38684	0.00361	0.00363	0.01932	0.01967	1.42989	1.64029	1.80E-04	9.07E-07	9.24E-07	7.87E-06	7.98E-06	2.09E-04	2.39E-04	1.9805E-04
605617.05	4201550.42	35674.14244	0.00347	0.00351	0.01814	0.01843	1.21236	1.41825	2.01E-04	8.71E-07	8.93E-07	7.39E-06	7.48E-06	1.77E-04	2.07E-04	2.1732E-04
605617.31	4201676.04	28840.1685	0.00364	0.00366	0.02003	0.02042	1.62307	1.87869	1.62E-04	9.14E-07	9.31E-07	8.16E-06	8.28E-06	2.37E-04	2.74E-04	1.8053E-04
605622.85	4201440.76	57380.65233	0.00428	0.00432	0.02013	0.02045	1.2018	1.38553	3.23E-04	1.07E-06	1.10E-06	8.20E-06	8.30E-06	1.76E-04	2.02E-04	3.4148E-04
605629.67	4201535.39	37891.16727	0.00357	0.0036	0.01846	0.01875	1.41846	1.68116	2.13E-04	8.97E-07	9.16E-07	7.52E-06	7.61E-06	2.07E-04	2.45E-04	2.3010E-04
605633.16	4201493.26	46082.15699	0.00394	0.00398	0.01949	0.01981	1.47909	1.72639	2.59E-04	9.90E-07	1.01E-06	7.94E-06	8.04E-06	2.16E-04	2.52E-04	2.7722E-04
605646.71	4201591.06	33531.66897	0.00355	0.00358	0.01907	0.0194	1.95227	2.40481	1.89E-04	8.92E-07	9.11E-07	7.77E-06	7.87E-06	2.85E-04	3.51E-04	2.0608E-04
605651.9	4201523.98	40463.15725	0.00372	0.00376	0.01912	0.01943	1.93411	2.37027	2.28E-04	9.34E-07	9.57E-07	7.79E-06	7.88E-06	2.82E-04	3.45E-04	2.4519E-04
605652.06	4201496.17	46541.21258	0.00402	0.00406	0.02002	0.02035	1.8879	2.29038	2.62E-04	1.01E-06	1.03E-06	8.15E-06	8.25E-06	2.76E-04	3.34E-04	2.8028E-04
605652.36	4201436.02	60263.97535	0.00448	0.00452	0.02116	0.0215	1.68445	2.0419	3.39E-04	1.13E-06	1.15E-06	8.62E-06	8.72E-06	2.46E-04	2.98E-04	3.5864E-04
605663.57	4201579.82	34196.28846	0.00353	0.00356	0.01906	0.01938	2.43715	3.19403	1.92E-04	8.87E-07	9.06E-07	7.76E-06	7.86E-06	3.56E-04	4.66E-04	2.0980E-04
605664.73	4201615.37	32718.46917	0.00364	0.00366	0.01985	0.0202	2.68445	3.45147	1.84E-04	9.14E-07	9.31E-07	8.09E-06	8.19E-06	3.92E-04	5.03E-04	2.0219E-04
605666.66	4201657.64	31076.01984	0.00378	0.0038	0.02091	0.02131	3.17061	4.01848	1.75E-04	9.49E-07	9.67E-07	8.52E-06	8.64E-06	4.63E-04	5.86E-04	1.9390E-04
605667.86	4201640.21	31667.82609	0.0037	0.00373	0.02042	0.02079	2.99333	3.82715	1.78E-04	9.29E-07	9.49E-07	8.32E-06	8.43E-06	4.37E-04	5.58E-04	1.9678E-04
605676.3	4201482.12	51236.94148	0.00431	0.00435	0.02132	0.02168	2.76897	3.67461	2.88E-04	1.08E-06	1.11E-06	8.68E-06	8.79E-06	4.04E-04	5.36E-04	3.0791E-04
605679.28	4201449.87	59024.11554	0.00461	0.00465	0.02219	0.02255	2.82984	3.89843	3.32E-04	1.16E-06	1.18E-06	9.04E-06	9.15E-06	4.13E-04	5.68E-04	3.5258E-04
605679.91	4201566.03	35375.72165	0.00356	0.00359	0.01919	0.01951	3.23701	4.62777	1.99E-04	8.94E-07	9.13E-07	7.82E-06	7.91E-06	4.73E-04	6.75E-04	2.1655E-04
605680.74	4201532.99	39538.38235	0.00372	0.00376	0.01949	0.01981	3.2316	4.40097	2.22E-04	9.34E-07	9.57E-07	7.94E-06	8.04E-06	4.72E-04	6.41E-04	2.4030E-04
605752.64	4201613.91	33791.04815	0.0038	0.00383	0.02139	0.02178	11.76428	8.42503	1.90E-04	9.54E-07	9.74E-07	8.71E-06	8.84E-06	1.72E-03	1.23E-03	2.0957E-04
605753.43	4201572.13	35724.80477	0.0037	0.00373	0.02058	0.02094	12.93553	8.86091	2.01E-04	9.29E-07	9.49E-07	8.38E-06	8.49E-06	1.89E-03	1.29E-03	2.1973E-04
605753.43	4201592.62	34576.35607	0.00373	0.00376	0.02088	0.02125	12.07983	8.49809	1.95E-04	9.37E-07	9.57E-07	8.50E-06	8.62E-06	1.76E-03	1.24E-03	2.1353E-04
605755.8	4201636.77	33681.50971	0.004	0.00403	0.02258	0.02301	10.56552	7.82454	1.89E-04	1.00E-06	1.03E-06	9.20E-06	9.33E-06	1.54E-03	1.14E-03	2.1004E-04
605756.59	4201550.06	38079.40676	0.00379	0.00383	0.02075	0.02111	11.53113	8.11245	2.14E-04	9.52E-07	9.74E-07	8.45E-06	8.56E-06	1.68E-03	1.18E-03	2.3316E-04
605756.59	4201659.63	32831.50422	0.00412	0.00414	0.02342	0.02387	10.35379	7.74226	1.85E-04	1.03E-06	1.05E-06	9.54E-06	9.68E-06	1.51E-03	1.13E-03	2.0601E-04
605757.37	4201681.7	31240.38165	0.0041	0.00412	0.02348	0.02394	10.47509	7.80918	1.76E-04	1.03E-06	1.05E-06	9.56E-06	9.71E-06	1.53E-03	1.14E-03	1.9710E-04
605758.95	4201524.04	42705.26602	0.00407	0.00411	0.02159	0.02196	10.36621	7.5477	2.40E-04	1.02E-06	1.05E-06	8.79E-06	8.91E-06	1.51E-03	1.10E-03	2.6002E-04
605760.53	4201505.91	46888.93953	0.00433	0.00438	0.02251	0.0229	10.14541	7.32523	2.64E-04	1.09E-06	1.11E-06	9.17E-06	9.29E-06	1.48E-03	1.07E-03	2.8444E-04
605762.1	4201482.26	52810.37874	0.00469	0.00474	0.02382	0.02422	10.4249	7.18683	2.97E-04	1.18E-06	1.21E-06	9.70E-06	9.82E-06	1.52E-03	1.05E-03	3.1901E-04
605764.55	4201731.52	27068.44128	0.00383	0.00384	0.02249	0.02295	9.20636	7.04557	1.52E-04	9.62E-07	9.77E-07	9.16E-06	9.31E-06	1.34E-03	1.03E-03	1.7269E-04
605767.62	4201463.35	56216.94921	0.00483	0.00488	0.02416	0.02456	9.30022	6.41748	3.16E-04	1.21E-06	1.24E-06	9.84E-06	9.96E-06	1.36E-03	9.35E-04	3.3852E-04
605767.9	4201752.3	25487.38377	0.00372	0.00373	0.02204	0.0225	8.3951	6.48025	1.43E-04	9.34E-07	9.49E-07	8.98E-06	9.13E-06	1.23E-03	9.45E-04	1.6337E-04
605767.9	4201771.74	24167.70502	0.00363	0.00364	0.02165	0.02211	8.25958	6.35622	1.36E-04	9.12E-07	9.26E-07	8.82E-06	8.97E-06	1.21E-03	9.26E-04	1.5559E-04
605768.57	4201808.61	22359.82687	0.00358	0.00359	0.02143	0.0219	7.95668	6.17949	1.26E-04	8.99E-07	9.13E-07	8.73E-06	8.88E-06	1.16E-03	9.01E-04	1.4521E-04
605774.72	4201432.6	59401.02817	0.00479	0.00484	0.0234	0.02377	6.19072	4.78215	3.34E-04	1.20E-06	1.23E-06	9.53E-06	9.64E-06	9.04E-04	6.97E-04	3.5578E-04
605796.06	4201826.04	22125.04905	0.00372	0.00372	0.02228	0.02279	5.03138	4.18473	1.24E-04	9.34E-07	9.46E-07	9.07E-06	9.24E-06	7.35E-04	6.10E-04	1.4467E-04
605803.82	4201672.8	32423.37718	0.00429	0.00431	0.02478	0.02528	4.36327	3.75085	1.82E-04	1.08E-06	1.10E-06	1.01E-05	1.03E-05	6.37E-04	5.47E-04	2.0493E-04
605804.38	4201419.48	58412.94599	0.0047	0.00475	0.02296	0.02329	2.56423	2.3345	3.29E-04	1.18E-06	1.21E-06	9.35E-06	9.45E-06	3.74E-04	3.40E-04	3.4980E-04
605804.49	4201580.95	38639.35771	0.00423	0.00426	0.0235	0.02394	4.16306	3.56917	2.17E-04	1.06E-06	1.08E-06	9.57E-06	9.71E-06	6.08E-04	5.20E-04	2.3880E-04
605810.53	4201617.83	36851.43121	0.00441	0.00443	0.02491	0.02539	3.85222	3.33582	2.07E-04	1.11E-06	1.13E-06	1.01E-05	1.03E-05	5.63E-04	4.86E-04	2.3000E-04
605814.67	4201508.36	48623.66931	0.00474	0.00479	0.02496	0.02539	3.50243	2.99254	2.74E-04	1.19E-06	1.22E-06	1.02E-05	1.03E-05	5.11E-04	4.36E-04	2.9642E-04
605814.67	4201534.29	44297.06811	0.0045	0.00454	0.02423	0.02466	3.57673	3.08338	2.49E-04	1.13E-06	1.16E-06	9.87E-06	1.00E-05	5.22E-04	4.49E-04	2.7136E-04
605816.17	4201744.25	25932.93576	0.00378	0.00379	0.02272	0.02319	3.94792	3.42376	1.46E-04	9.49E-07	9.64E-07	9.25E-06	9.41E-06	5.77E-04	4.99E-04	1.6647E-04
605819.2	4201487.79	51028.59536	0.00479	0.00484	0.02486	0.02527	3.27199	2.79157	2.87E-04	1.20E-06	1.23E-06	1.01E-05	1.03E-05	4.78E-04	4.07E-04	3.0988E-04
605820.86	4201722.13	27720.85429	0.00393	0.00394	0.0234	0.02388	3.80206	3.30911	1.56E-04	9.87E-07	1.00E-06	9.53E-06	9.69E-06	5.55E-04	4.82E-04	1.7716E-04
605820.86	4201768.39	23882.54294	0.00359	0.0036	0.02196	0.02241	3.5997	3.14885	1.34E-04	9.02E-07	9.16E-07	8.94E-06	9.09E-06	5.26E-04	4.59E-04	1.5421E-04
605823.31	4201467.62	52864.24674	0.00478	0.00483	0.02441	0.02479	3.01079	2.5698	2.97E-04	1.20E-06	1.23E-06	9.94E-06	1.01E-05	4.40E-04	3.75E-04	3.1983E-04
605826.19	4201439.64	55402.37357	0.00474	0.00479	0.0237	0.02405	2.49568	2.19111	3.12E-04	1.19E-06	1.22E-06	9.65E-06	9.76E-06	3.64E-04	3.19E-04	3.3350E-04
605827.96	4201666.77	33085.68307	0.0044	0.00442	0.02551	0.02602	3.27161	2.8942	1.86E-04	1.11E-06	1.12E-06	1.04E-05	1.06E-05	4.78E-04	4.22E-04	2.0931E-04
605829.3	4201579.61	40247.94168	0.00452	0.00456	0.02518	0.02565	3.05814	2.69954	2.26E-04	1.14E-06	1.16E-06	1.03E-05	1.04E-05	4.47E-04	3.93E-04	2.4938E-04
605830.25	4201806.6	22615.33999	0.00368	0.00368	0.02242	0.02291	3.30489	2.89517	1.27E-04	9.24E-07	9.36E-07	9.13E-06	9.29E-06	4.83E-04	4.22E-04	1.4751E-04
605842.32	4201838.78	22034.08109	0.00389	0.00389	0.02346	0.024	2.97206	2.62222	1.24E-04	9.77E-07	9.90E-07	9.56E-06	9.74E-06	4.34E-04	3.82E-04	1.4521E-04
605846.73	4201613.8	37964.51698	0.00468	0.00471	0.02657	0.02708	2.5719	2.31159	2.14E-04	1.18E-06	1.20E-06	1.08E-05	1.10E-05	3.76E-04	3.37E-04	2.3776E-04
605847.01	4201720.79	27601.19518	0.00393	0.00394	0.02365	0.02415	2.90104	2.58915	1.55E-04	9.87E-07	1.00E-06	9.63E-06	9.80E-06	4.24E-04	3.77E-04	1.7669E-04
605848.35	4201757.66	24417.61901	0.00364	0.00365	0.02245	0.02292	2.74626	2.46354	1.37E-04	9.14E-07	9.29E-07	9.14E-06	9.30E-06	4.01E-04	3.59E-04	1.5765E-04
605850.75	4201582.29	40589.07461	0.0047	0.00473	0.02632	0.02681	2.44691	2.20224	2.28E-04	1.18E-06	1.20E-06	1.07E-05	1.09E-05	3.57E-04	3.21E-04	2.5232E-04
605851.42	4201667.44	32819.44535	0.00441	0.00442	0.02577	0.02629	2.65332	2.38701	1.85E-04	1.11E-06	1.12E-06	1.05E-05	1.07E-05	3.87E-04	3.48E-04	2.0803E-04
605854.59	4201515.36	46944.79529	0.00478	0.00482	0.02561	0.02605	2.25375	2.0207	2.64E-04	1.20E-06	1.23E-06	1.04E-05	1.06E-05	3.29E-04	2.95E-04	2.8752E-04

605854.59	4201537.17	45028.58549	0.0048	0.00484	0.02611	0.02657	2.28515	2.05595	2.53E-04	1.21E-06	1.23E-06	1.06E-05	1.08E-05	3.34E-04	3.00E-04	2.7717E-04
605857.05	4201470.09	50115.4187	0.00466	0.00471	0.02419	0.02456	2.00573	1.7981	2.82E-04	1.17E-06	1.20E-06	9.85E-06	9.96E-06	2.93E-04	2.62E-04	3.0412E-04
605857.05	4201491.49	48526.19903	0.0047	0.00475	0.02482	0.02522	2.13375	1.91033	2.73E-04	1.18E-06	1.21E-06	1.01E-05	1.02E-05	3.12E-04	2.78E-04	2.9572E-04
605860.35	4201439.64	52768.18116	0.00465	0.0047	0.02358	0.02391	1.64677	1.50952	2.97E-04	1.17E-06	1.20E-06	9.60E-06	9.70E-06	2.40E-04	2.20E-04	3.1853E-04
605865.78	4201716.1	27835.8329	0.00397	0.00398	0.02399	0.0245	2.4601	2.22253	1.57E-04	9.97E-07	1.01E-06	9.77E-06	9.94E-06	3.59E-04	3.24E-04	1.7832E-04
605870.86	4201658.05	33609.07532	0.0045	0.00452	0.02636	0.0269	2.23819	2.03702	1.89E-04	1.13E-06	1.15E-06	1.07E-05	1.09E-05	3.27E-04	2.97E-04	2.1300E-04
605872.48	4201754.31	24640.28597	0.0037	0.00371	0.02295	0.02343	2.25384	2.04806	1.39E-04	9.29E-07	9.44E-07	9.35E-06	9.50E-06	3.29E-04	2.99E-04	1.5934E-04
605873.15	4201846.82	21978.03799	0.00403	0.00403	0.02435	0.02491	2.28207	2.04993	1.24E-04	1.01E-06	1.03E-06	9.92E-06	1.01E-05	3.33E-04	2.99E-04	1.4570E-04
605875.56	4201623.19	37468.65596	0.00482	0.00485	0.02767	0.02821	2.02202	1.85054	2.11E-04	1.21E-06	1.23E-06	1.13E-05	1.14E-05	2.95E-04	2.70E-04	2.3595E-04
605888.57	4201714.09	27850.68474	0.004	0.00401	0.02438	0.02489	2.05682	1.87886	1.57E-04	1.00E-06	1.02E-06	9.93E-06	1.01E-05	3.00E-04	2.74E-04	1.7873E-04
605889.24	4201803.25	22867.39877	0.00381	0.00381	0.02356	0.02408	1.99887	1.81975	1.29E-04	9.57E-07	9.69E-07	9.60E-06	9.77E-06	2.92E-04	2.65E-04	1.4994E-04
605889.63	4201654.7	33699.02755	0.00453	0.00455	0.02667	0.02721	1.94851	1.78789	1.90E-04	1.14E-06	1.16E-06	1.09E-05	1.10E-05	2.85E-04	2.61E-04	2.1378E-04
605892.86	4201424.83	52222.5308	0.00463	0.00468	0.02348	0.02379	1.10317	1.0466	2.94E-04	1.16E-06	1.19E-06	9.56E-06	9.65E-06	1.61E-04	1.53E-04	3.1536E-04
605893.94	4201834.09	22420.03967	0.00405	0.00405	0.02463	0.0252	1.96195	1.78018	1.26E-04	1.02E-06	1.03E-06	1.00E-05	1.02E-05	2.87E-04	2.59E-04	1.4843E-04
605895.28	4201750.29	24940.75113	0.00377	0.00378	0.02351	0.024	1.91468	1.75516	1.40E-04	9.47E-07	9.62E-07	9.58E-06	9.74E-06	2.80E-04	2.56E-04	1.6153E-04
605904.79	4201542.52	42109.07862	0.00464	0.00467	0.02586	0.0263	1.58176	1.45863	2.37E-04	1.17E-06	1.19E-06	1.05E-05	1.07E-05	2.31E-04	2.13E-04	2.6045E-04
605905.72	4201609.78	38661.56804	0.00501	0.00503	0.02872	0.02926	1.60687	1.48945	2.17E-04	1.26E-06	1.28E-06	1.17E-05	1.19E-05	2.35E-04	2.17E-04	2.4360E-04
605907.73	4201585.65	40627.22932	0.00501	0.00504	0.02845	0.02897	1.56085	1.44756	2.29E-04	1.26E-06	1.28E-06	1.16E-05	1.18E-05	2.28E-04	2.11E-04	2.5444E-04
605908.49	4201515.36	43589.15436	0.00457	0.00461	0.02511	0.02551	1.45485	1.34425	2.45E-04	1.15E-06	1.17E-06	1.02E-05	1.03E-05	2.12E-04	1.96E-04	2.6812E-04
605910.7	4201707.38	28347.30866	0.00409	0.0041	0.025	0.02554	1.75939	1.62068	1.59E-04	1.03E-06	1.04E-06	1.02E-05	1.04E-05	2.57E-04	2.36E-04	1.8209E-04
605911.09	4201656.04	33174.19948	0.00451	0.00452	0.02675	0.02729	1.69953	1.56877	1.87E-04	1.13E-06	1.15E-06	1.09E-05	1.11E-05	2.48E-04	2.29E-04	2.1088E-04
605913.84	4201470.5	45629.00648	0.00444	0.00449	0.02384	0.02416	1.17671	1.10077	2.57E-04	1.12E-06	1.14E-06	9.71E-06	9.80E-06	1.72E-04	1.60E-04	2.7846E-04
605915.08	4201442.93	48646.38943	0.00454	0.0046	0.02371	0.02402	1.03427	0.97839	2.74E-04	1.14E-06	1.17E-06	9.66E-06	9.74E-06	1.51E-04	1.43E-04	2.9538E-04
605915.39	4201747.61	25214.67495	0.00385	0.00386	0.02407	0.02459	1.68076	1.55016	1.42E-04	9.67E-07	9.82E-07	9.80E-06	9.97E-06	2.45E-04	2.26E-04	1.6358E-04
605915.9	4201491.49	44592.69342	0.0045	0.00455	0.02448	0.02484	1.2774	1.1882	2.51E-04	1.13E-06	1.16E-06	9.97E-06	1.01E-05	1.87E-04	1.73E-04	2.7320E-04
605926.78	4201793.19	22809.75625	0.00378	0.00379	0.02388	0.0244	1.51977	1.40368	1.28E-04	9.49E-07	9.64E-07	9.73E-06	9.90E-06	2.22E-04	2.05E-04	1.4986E-04
605928.13	4201818.67	22603.80056	0.004	0.004	0.02474	0.0253	1.54712	1.42283	1.27E-04	1.00E-06	1.02E-06	1.01E-05	1.03E-05	2.26E-04	2.07E-04	1.4952E-04
605933.21	4201650.01	33781.41877	0.00465	0.00466	0.02762	0.02818	1.46169	1.3603	1.90E-04	1.17E-06	1.19E-06	1.12E-05	1.14E-05	2.13E-04	1.98E-04	2.1508E-04
605933.49	4201706.71	28424.88841	0.00417	0.00418	0.0256	0.02615	1.51923	1.4092	1.60E-04	1.05E-06	1.06E-06	1.04E-05	1.06E-05	2.22E-04	2.05E-04	1.8306E-04
605935.89	4201593.02	39877.80588	0.00515	0.00517	0.02949	0.03003	1.31191	1.22774	2.24E-04	1.29E-06	1.32E-06	1.20E-05	1.22E-05	1.92E-04	1.79E-04	2.5114E-04
605941.53	4201742.91	25780.09303	0.004	0.00401	0.025	0.02554	1.44317	1.33931	1.45E-04	1.00E-06	1.02E-06	1.02E-05	1.04E-05	2.11E-04	1.95E-04	1.6760E-04
605949.23	4201544.16	41353.58168	0.00475	0.00479	0.02681	0.02726	1.18693	1.11172	2.33E-04	1.19E-06	1.22E-06	1.09E-05	1.11E-05	1.73E-04	1.62E-04	2.5703E-04
605949.58	4201844.81	22101.12218	0.00423	0.00422	0.02589	0.0265	1.35449	1.24629	1.24E-04	1.06E-06	1.07E-06	1.05E-05	1.07E-05	1.98E-04	1.82E-04	1.4777E-04
605950.05	4201518.65	42518.8196	0.00465	0.00469	0.02591	0.02631	1.11449	1.04629	2.39E-04	1.17E-06	1.19E-06	1.06E-05	1.07E-05	1.63E-04	1.53E-04	2.6279E-04
605951.7	4201477.5	44628.38885	0.00456	0.00461	0.02479	0.02513	0.9625	0.91028	2.51E-04	1.15E-06	1.17E-06	1.01E-05	1.02E-05	1.41E-04	1.33E-04	2.7368E-04
605954.66	4201647.32	34077.36964	0.00477	0.00479	0.02845	0.02902	1.28233	1.2002	1.92E-04	1.20E-06	1.22E-06	1.16E-05	1.18E-05	1.87E-04	1.75E-04	2.1749E-04
605954.99	4201496.02	43656.91888	0.00462	0.00466	0.02538	0.02575	1.01209	0.95455	2.46E-04	1.16E-06	1.19E-06	1.03E-05	1.04E-05	1.48E-04	1.39E-04	2.6873E-04
605956.28	4201701.35	29051.02213	0.00433	0.00433	0.02656	0.02712	1.32704	1.23763	1.63E-04	1.09E-06	1.10E-06	1.08E-05	1.10E-05	1.94E-04	1.80E-04	1.8744E-04
605957.05	4201448.69	48749.97682	0.00484	0.00489	0.02527	0.02561	0.86033	0.81929	2.74E-04	1.22E-06	1.24E-06	1.03E-05	1.04E-05	1.26E-04	1.19E-04	2.9739E-04
605963.66	4201742.24	26133.1845	0.00415	0.00415	0.02588	0.02645	1.27881	1.19203	1.47E-04	1.04E-06	1.06E-06	1.05E-05	1.07E-05	1.87E-04	1.74E-04	1.7039E-04
605964.05	4201596.37	39430.73464	0.00529	0.00531	0.03049	0.03103	1.12011	1.0555	2.22E-04	1.33E-06	1.35E-06	1.24E-05	1.26E-05	1.64E-04	1.54E-04	2.4951E-04
605972.76	4201645.31	34406.14637	0.00492	0.00494	0.02936	0.02994	1.15355	1.0844	1.94E-04	1.24E-06	1.26E-06	1.20E-05	1.21E-05	1.68E-04	1.58E-04	2.2015E-04
605977.73	4201697.33	29637.74513	0.0045	0.00451	0.02761	0.02819	1.1773	1.10318	1.67E-04	1.13E-06	1.15E-06	1.12E-05	1.14E-05	1.72E-04	1.61E-04	1.9169E-04
605978.4	4201840.12	22053.60357	0.00424	0.00424	0.02621	0.02683	1.14302	1.05828	1.24E-04	1.06E-06	1.08E-06	1.07E-05	1.09E-05	1.67E-04	1.54E-04	1.4777E-04
605984.21	4201435.94	51411.1476	0.00522	0.00528	0.02672	0.02709	0.72489	0.69732	2.89E-04	1.31E-06	1.34E-06	1.09E-05	1.10E-05	1.06E-04	1.02E-04	3.1375E-04
605984.44	4201737.55	26822.23682	0.00434	0.00435	0.02698	0.02758	1.14815	1.07435	1.51E-04	1.09E-06	1.11E-06	1.10E-05	1.12E-05	1.68E-04	1.57E-04	1.7527E-04
605986.17	4201587.66	39807.69003	0.00536	0.00539	0.03091	0.03145	0.99224	0.93918	2.24E-04	1.35E-06	1.37E-06	1.26E-05	1.28E-05	1.45E-04	1.37E-04	2.5201E-04
605990.47	4201806.6	22459.80681	0.00401	0.00401	0.02551	0.02609	1.06061	0.98901	1.26E-04	1.01E-06	1.02E-06	1.04E-05	1.06E-05	1.55E-04	1.44E-04	1.4935E-04
605993.15	4201787.83	23304.89866	0.00405	0.00404	0.02573	0.02631	1.06047	0.9906	1.31E-04	1.02E-06	1.03E-06	1.05E-05	1.07E-05	1.55E-04	1.44E-04	1.5430E-04
605998.91	4201636.6	35520.49057	0.00522	0.00524	0.03104	0.03162	0.98949	0.93558	2.00E-04	1.31E-06	1.33E-06	1.26E-05	1.28E-05	1.44E-04	1.36E-04	2.2794E-04
605999.86	4201691.29	30390.50341	0.00472	0.00473	0.02887	0.02947	1.04549	0.98383	1.71E-04	1.19E-06	1.20E-06	1.18E-05	1.20E-05	1.53E-04	1.43E-04	1.9707E-04
606001.9	4201540.87	41472.01187	0.00503	0.00507	0.02848	0.02894	0.88255	0.83768	2.33E-04	1.26E-06	1.29E-06	1.16E-05	1.17E-05	1.29E-04	1.22E-04	2.5920E-04
606004.78	4201518.24	42662.63509	0.00497	0.00501	0.02776	0.02819	0.83374	0.79336	2.40E-04	1.25E-06	1.27E-06	1.13E-05	1.14E-05	1.22E-04	1.16E-04	2.6527E-04
606005.22	4201734.87	27114.41297	0.00447	0.00448	0.0278	0.02841	1.03394	0.97104	1.53E-04	1.12E-06	1.14E-06	1.13E-05	1.15E-05	1.51E-04	1.42E-04	1.7765E-04
606005.3	4201499.08	44194.4335	0.00501	0.00505	0.02749	0.02791	0.79507	0.75846	2.49E-04	1.26E-06	1.28E-06	1.12E-05	1.13E-05	1.16E-04	1.11E-04	2.7369E-04
606006.95	4201591.01	39374.67429	0.00548	0.0055	0.03169	0.03224	0.89788	0.85292	2.22E-04	1.38E-06	1.40E-06	1.29E-05	1.31E-05	1.31E-04	1.24E-04	2.5027E-04
606009.49	4201477.75	46234.73931	0.00512	0.00517	0.0275	0.0279	0.73739	0.70636	2.60E-04	1.29E-06	1.32E-06	1.12E-05	1.13E-05	1.08E-04	1.03E-04	2.8522E-04
606012.6	4201448.69	49434.54623	0.00529	0.00535	0.02757	0.02796	0.66645	0.64216	2.78E-04	1.33E-06	1.36E-06	1.12E-05	1.13E-05	9.73E-05	9.36E-05	3.0337E-04
606018.35	4201631.9	35648.83628	0.0053	0.00532	0.03151	0.0321	0.89953	0.85303	2.01E-04	1.33E-06	1.35E-06	1.28E-05	1.30E-05	1.31E-04	1.24E-04	2.2909E-04
606026	4201688.61	30534.78925	0.00486	0.00487	0.02977	0.03038	0.92	0.86908	1.72E-04	1.22E-06	1.24E-06	1.21E-05	1.23E-05	1.34E-04	1.27E-04	1.9869E-04
606028.01	4201804.59	22485.42142	0.00413	0.00413	0.02649	0.0271	0.87796	0.82253	1.26E-04	1.04E-06	1.05E-06	1.08E-05	1.10E-05	1.28E-04	1.20E-04	1.5037E-04
606028.68	4201785.15	23459.34808	0.00419	0.00419	0.02678	0.02739	0.89196	0.83683	1.32E-04	1.05E-06	1.07E-06	1.09E-05	1.11E-05	1.30E-04	1.22E-04	1.5611E-04
606029.35	4201731.52	27003.7226	0.00451	0.00451	0.0282	0.02881	0.91819	0.86486	1.52E-04	1.13E-06	1.15E-06	1.15E-05	1.17E-05	1.34E-04	1.26E-04	1.7737E-04
606029.75	4201589.67	39171.59584	0.00558	0.00561	0.03233	0.03288	0.8078	0.76987	2.20E-04	1.40E-06	1.43E-06	1.32E-05	1.33E-05	1.18E-04	1.12E-04	2.4970E-04
606037.79	4201634.59	34914.1541	0.00529	0.00531	0.0316	0.03219	0.82975	0.78844	1.96E-04	1.33E-06	1.35E-06	1.29E-05	1.31E-05	1.21E-04	1.15E-04	2.2503E-04
606042.76	4201830.73	22069.583	0.00437	0.00436	0.02753	0.02819	0.81922	0.76595	1.24E-04	1.10E-06	1.11E-06	1.12E-05	1.14E-05	1.20E-04	1.12E-04	1.4901E-04
606048.12	4201685.26	30112.35429	0.00481	0.00482	0.02964	0.03023	0.83165	0.78766	1.69E-04	1.21E-06	1.23E-06	1.21E-05	1.23E-05	1.21E-04	1.15E-04	1.9617E-04
606053.21	4201593.02	38542.70798	0.00568	0.0057	0.03299	0.03355	0.73353	0.70085	2.17E-04	1.43E-06	1.45E-06	1.34E-05	1.36E-05	1.07E-04	1.02E-04	2.4675E-04
606054.16	4201725.48	27026.85872	0.00456	0.00456	0.02867	0.02928	0.81735	0.7724	1.52E-04	1.15E-06	1.16E-06	1.17E-05	1.19E-05	1.19E-04	1.13E-04	1.7791E-04
606054.96	4201471.1	46826.04093	0.00549	0.00554	0.02931	0.02974	0.59686	0.57649	2.63E-04	1.38E-06	1.41E-06	1.19E-05	1.21E-05	8.72E-05	8.40E-05	2.9022E-04
606057.41	4201447.66	49378.08762	0.00566	0.00572	0.02942	0.02984	0.55367	0.53732	2.78E-04	1.42E-06	1.46E-06	1.20E-05	1.21E-05	8.09E-05	7.83E-05	3.0475E-04
606057.76	4201494.89	45450.19554	0.0056	0.00565	0.03045	0.03091	0.62295	0.59996	2.56E-04	1.41E-06	1.44E-06	1.24E-05	1.25E-05	9.10E-05	8.74E-05	2.8347E-04
606058.46	4201539.31	42338.69859	0.00569	0.00572	0.03195	0.03247	0.67057	0.64342	2.38E-04	1.43E-06	1.46E-06	1.30E-05	1.32E-05	9.79E-05	9.38E-05	2.6725E-04
606059.25	4201628.55	35197.82847	0.00543	0.00545	0.03235	0.03293	0.75065	0.7153	1.98E-04	1.36E-06	1.39E-06	1.32E-05	1.34E-05	1.10E-04	1.04E-04	2.2730E-04
606061.96	4201516.57	43784.08618	0.00564	0.00568	0.03121	0.0317	0.63817	0.61364	2.46E-04	1.42E-06	1.45E-06	1.27E-05	1.29E-05	9.32E-05	8.94E-05	2.7475E-04
606070.25	4201675.21	30682.11279	0.00496	0.00496	0.03042	0.03101	0.75072	0.71319	1.73E-04	1.25E-06	1.26E-06	1.24E-05	1.26E-05	1.10E-04	1.04E-04	2.0009E-04
606074.67	4201584.98	39000.11292	0.00585	0.00588	0.03381	0.03437	0.66348	0.63574	2.19E-04	1.47E-06	1.50E-06	1.38E-05	1.39E-05	9.69E-05	9.27E-05	2.5008E-04
606077.62	4201831.4	21941.48096	0.00449	0.00448	0.02851	0.0292	0.69537	0.65237	1.23E-04	1.13E-06	1.14E-06	1.16E-05	1.18E-05	1.02E-04	9.51E-05	1.4916E-04
606078.96	4201722.8	27016.8209	0.00465	0.00465	0.02934	0.02995	0.73304	0.69447	1.52E-04	1.17E-06	1.18E-06	1.20E-05	1.21E-05	1.07E-04	1.01E-04	1.7844E-04
606082.04	4201624.53	35477.66732	0.00562	0.00563	0.03335	0.03394	0.67874	0.64848	2.00E-04	1.41E-06	1.43E-06	1.36E-05	1.38E-05	9.91E-05	9.45E-05	2.2978E-04
606083.3	4201427.03	51839.0352	0.00608	0.00614	0.03084	0.03127	0.47242	0.4614	2.92E-04	1.53E-06	1.56E-06	1.26E-05	1.27E-05	6.90E-05	6.73E-05	3.1997E-04
606085.67	4201779.79	23654.62596	0.00443	0.00443	0.0286	0.02924	0.69261	0.65358	1.33E-04	1.11E-06	1.13E-06	1.16E-05	1.19E-05	1.01E-04	9.53E-05	1.5882E-04
606090.36	4201797.89	22777.14013	0.00441	0.0044	0.02853	0.02919	0.6679	0.62961	1.28E-04	1.11E-06	1.12E-06	1.16E-05	1.18E-05	9.75E-05	9.18E-05	1.5383E-04
606095.72	4201675.21	30658.04014	0.00513	0.00513	0.0314	0.03199	0.67543	0.64308	1.72E-04	1.29E-06	1.31E-06	1.28E-05	1.30E-05	9.86E-05	9.37E-05	2.0083E-04
606099.47	4201581.62	39015.20099	0.00606	0.00609	0.03484	0.0354	0.5984	0.57484	2.19E-04	1.52E-06	1.55E-06	1.42E-05	1.44E-05	8.74E-05	8.38E-05	2.5111E-04
606101.76	4201726.82	26723.98922	0.00475	0.00475	0.03002	0.03063	0.6668	0.63265	1.50E-04	1.19E-06	1.21E-06	1.22E-05	1.24E-05	9.74E-05	9.22E-05	1.7740E-04
606102.82	4201623.19	35544.20421	0.00583	0.00584	0.03447	0.03507	0.6223	0.59573	2.00E-04	1.46E-06	1.49E-06	1.40E-05	1.42E-05	9.09E-05	8.68E-05	2.3118E-04
606107.43	4201441.37	49168.85192	0.00604	0.0061	0.03123	0.03167	0.45479	0.44346	2.77E-04	1.52E-06	1.55E-06	1.27E-05	1.28E-05	6.64E-05	6.46E-05	3.0525E-04
606108.13	4201514.12	42455.6412	0.00572	0.00576	0.03177	0.03226	0.53396	0.5157	2.39E-04	1.44E-06	1.47E-06	1.29E-05	1.31E-05	7.80E-05	7.52E-05	2.6777E-04
606112.33	4201491.04	43954.57859	0.00573	0.00578	0.03129	0.03176	0.5038	0.48785	2.47E-04	1.44E-06	1.47E-06	1.27E-05	1.29E-05	7.36E-05	7.11E-05	2.7581E-04
606113.03	4201537.21	41499.93559	0.00599	0.00602	0.03358	0.03412	0.54143	0.52235	2.33E-04	1.50E-06	1.53E-06	1.37E-05	1.38E-05	7.91E-05	7.61E-05	2.6402E-04
606113.38	4201469.7	45624.27139	0.00578	0.00584	0.03096	0.03142	0.47906	0.46517	2.57E-04	1.45E-06	1.49E-06	1.26E-05	1.27E-05	7.00E-05	6.78E-05	2.8496E-04
606118.24	4201586.99	38275.07575	0.00623	0.00625	0.03577	0.03633	0.56012	0.53862	2.15E-04	1.56E-06	1.59E-06	1.46E-05	1.47E-05	8.18E-05	7.85E-05	2.4779E-04
606121.87	4201679.23	30413.62269	0.00533	0.00533	0.0325	0.03312	0.61024	0.58199	1.71E-04	1.34E-06	1.36E-06	1.32E-05	1.34E-05	8.91E-05	8.48E-05	2.0047E-04
606125.89	4201728.17	26659.42926	0.0049	0.0049	0.03089	0.03151	0.60602	0.57587	1.50E-04	1.23E-06	1.25E-06	1.26E-05	1.28E-05	8.85E-05	8.39E-05	1.7782E-04
606129.64	4201621.18	35605.6541	0.00617	0.00618	0.03619	0.03679	0.55775	0.53516	2.00E-04	1.55E-06	1.57E-06	1.47E-05	1.49E-05	8.15E-05	7.80E-05	2.3309E-04
606129.91	4201828.72	21544.44252	0.00457	0.00455	0.02973	0.03044	0.55025	0.51907	1.21E-04	1.15E-06	1.16E-06	1.21E-05	1.23E-05	8.04E-05	7.57E-05	1.4797E-04
606130.58	4201805.26	22508.02512	0.00461	0.0046	0.02995	0.03064	0.56383	0.5328	1.27E-04	1.16E-06	1.17E-06	1.22E-05	1.24E-05	8.23E-05	7.77E-05	1.5358E-04
606133.93	4201786.49	23413.88867	0.00469	0.00468	0.03032	0.03099	0.56754	0.53717	1.32E-04	1.18E-06	1.19E-06	1.23E-05	1.26E-05	8.29E-05	7.83E-05	1.5901E-04
606141.04	4201589.67	37685.73704	0.00642	0.00644	0.03677	0.03734	0.51698	0.49775	2.12E-04	1.61E-06	1.64E-06	1.50E-05	1.51E-05	7.55E-05	7.25E-05	2.4538E-04
606143.99	4201858.89	21113.56163	0.00493	0.0049	0.03106	0.03184	0.51152	0.48174	1.19E-04	1.24E-06	1.25E-06	1.27E-05	1.29E-05	7.47E-05	7.02E-05	1.4683E-04
606147.07	4201623.19	35221.97357	0.00633	0.00634	0.03703	0.03763	0.52396	0.50317	1.98E-04	1.59E-06	1.61E-06	1.51E-05	1.53E-05	7.65E-05	7.33E-05	2.3170E-04
606149.35	4201736.88	26191.93074	0.00503	0.00503	0.03171	0.03234	0.55334	0.52623	1.47E-04	1.26E-06	1.28E-06	1.29E-05	1.31E-05	8.08E-05	7.67E-05	1.7593E-04
606149.76	4201533.71	40832.78267	0.00613	0.00616	0.0343	0.03484	0.47488	0.45941	2.30E-04	1.54E-06	1.57E-06	1.40E-05	1.41E-05	6.93E-05	6.70E-05	2.6092E-04
606154.05	4201702.02	28671.86769	0.00538	0.00538	0.03306	0.03369	0.54511	0.51992	1.61E-04	1.35E-06	1.37E-06	1.35E-05	1.37E-05	7.96E-05	7.58E-05	1.9115E-04
606158.5	4201482.99	43215.72236	0.0059	0.00594	0.03213	0.03261	0.42498	0.41332	2.43E-04	1.48E-06	1.51E-06	1.31E-05	1.32E-05	6.21E-05	6.02E-05	2.7243E-04
606159.41	4201679.23	30502.06964	0.0057	0.0057	0.03449	0.03514	0.52947	0.50624	1.72E-04	1.43E-06	1.45E-06	1.40E-05	1.43E-05	7.73E-05	7.38E-05	2.0278E-04
606161.65	4201457.81	45746.41174	0.00613	0.00619	0.03251	0.03298	0.39911	0.38931	2.57E-04	1.54E-06	1.57E-06	1.32E-05	1.34E-05	5.83E-05	5.67E-05	2.8709E-04
606162.49	4201601.07	36490.39887	0.00661	0.00663	0.03788	0.03847	0.4848	0.46681	2.05E-04	1.66E-06	1.69E-06	1.54E-05	1.56E-05	7.08E-05	6.80E-05	2.3967E-04
606166.11	4201859.56	20804.38479	0.00494	0.00491	0.03146	0.03225	0.46458	0.4385	1.17E-04	1.24E-06	1.25E-06	1.28E-05	1.31E-05	6.78E-05	6.39E-05	1.4543E-04
606167.94	4201503.63	41751.23869	0.00598	0.00602	0.03303	0.03355	0.4283	0.41573	2.35E-04	1.50E-06	1.53E-06	1.35E-05	1.36E-05	6.25E-05	6.06E-05	2.6498E-04
606169.34	4201536.16	40299.7637	0.00625	0.00628	0.035	0.03556	0.44671	0.43255	2.27E-04	1.57E-06	1.60E-06	1.43E-05	1.44E-05	6.52E-05	6.30E-05	2.5856E-04
606172.54	4201623.86	34817.91637	0.00655	0.00657	0.03815	0.03877	0.4793	0.46084	1.96E-04	1.64E-06	1.67E-06	1.55E-05	1.57E-05	7.00E-05	6.72E-05	2.3046E-04
606182.87	4201797.22	23346.78895	0.00514	0.00512	0.03271	0.03343	0.47228	0.44795	1.31E-04	1.29E-06	1.30E-06	1.33E-05	1.36E-05	6.90E-05	6.53E-05	1.6082E-04
606182.87	4201815.32	22397.11359	0.00504	0.00501	0.0323	0.03303	0.46134	0.43713	1.26E-04	1.27E-06	1.27E-06	1.32E-05	1.34E-05	6.74E-05	6.37E-05	1.5509E-04
606186.48	4201435.77	48309.71828	0.00671	0.00678	0.03449	0.03497	0.3523	0.34516	2.72E-04	1.69E-06	1.72E-06	1.40E-05	1.42E-05	5.14E-05	5.03E-05	3.0342E-04
606186.89	4201842.13	21059.03176	0.00491	0.00488	0.03187	0.03262	0.43551	0.41226	1.18E-04	1.23E-06	1.24E-06	1.30E-05	1.32E-05	6.36E-05	6.01E-05	1.4716E-04
606187.56	4201772.41	24485.71535	0.00524	0.00522	0.03308	0.03377	0.47367	0.45023	1.38E-04	1.32E-06	1.33E-06	1.35E-05	1.37E-05	6.92E-05	6.56E-05	1.6757E-04
606194.94	4201745.6	25952.92274	0.00544	0.00542	0.03384	0.03451	0.46864	0.44644	1.46E-04	1.37E-06	1.38E-06	1.38E-05	1.40E-05	6.84E-05	6.51E-05	1.7653E-04
606202.98	4201718.78	27754.93105	0.00578	0.00577	0.03527	0.03596	0.45859	0.43782	1.56E-04	1.45E-06	1.47E-06	1.44E-05	1.46E-05	6.70E-05	6.38E-05	1.8801E-04
606207.68	4201693.98	29471.56425	0.00609	0.00608	0.03664	0.03734	0.44889	0.4296	1.66E-04	1.53E-06	1.55E-06	1.49E-05	1.51E-05	6.56E-05	6.26E-05	1.9895E-04
606208.52	4201434.72	48179.56037	0.00698	0.00705	0.03573	0.03624	0.33074	0.3243	2.71E-04	1.75E-06	1.79E-06	1.46E-05	1.47E-05	4.83E-05	4.73E-05	3.0384E-04
606212.37	4201484.74	41820.70763	0.00617	0.00621	0.0337	0.03421	0.36252	0.35339	2.35E-04	1.55E-06	1.58E-06	1.37E-05	1.39E-05	5.29E-05	5.15E-05	2.6600E-04
606214.45	4201529.7	39444.14784	0.00638	0.00641	0.0356	0.03617	0.38559	0.37434	2.22E-04	1.60E-06	1.63E-06	1.45E-05	1.47E-05	5.63E-05	5.46E-05	2.5431E-04
606216.45	4201599.79	35730.42517	0.00707	0.00709	0.04004	0.04067	0.4064	0.39222	2.01E-04	1.78E-06	1.80E-06	1.63E-05	1.65E-05	5.93E-05	5.72E-05	2.3739E-04
606217.24	4201646.32	32866.48946	0.00675	0.00675	0.03958	0.04024	0.42134	0.40502	1.85E-04	1.70E-06	1.72E-06	1.61E-05	1.63E-05	6.15E-05	5.90E-05	2.2075E-04
606219	4201578.94	37176.34061	0.00699	0.00701	0.03936	0.03997	0.39744	0.38432	2.09E-04	1.76E-06	1.78E-06	1.60E-05	1.62E-05	5.80E-05	5.60E-05	2.4493E-04
606221.97	4201624.24	34094.97144	0.007	0.00701	0.0403	0.04094	0.40743	0.39244	1.92E-04	1.76E-06	1.78E-06	1.64E-05	1.66E-05	5.95E-05	5.72E-05	2.2837E-04
606229.86	4201440.32	47031.29334	0.00709	0.00715	0.03649	0.03702	0.31659	0.31036	2.65E-04	1.78E-06	1.82E-06	1.49E-05	1.50E-05	4.62E-05	4.52E-05	2.9806E-04
606233.34	4201488.04	41121.22549	0.00628	0.00632	0.0344	0.03493	0.34346	0.33492	2.31E-04	1.58E-06	1.61E-06	1.40E-05	1.42E-05	5.02E-05	4.88E-05	2.6270E-04
606235.77	4201525.82	39002.53466	0.00642	0.00645	0.03575	0.03633	0.36059	0.35044	2.19E-04	1.61E-06	1.64E-06	1.46E-05	1.47E-05	5.27E-05	5.11E-05	2.5197E-04
606249.57	4201574.58	36984.16808	0.00712	0.00713	0.03998	0.04061	0.3626	0.3511	2.08E-04	1.79E-06	1.81E-06	1.63E-05	1.65E-05	5.30E-05	5.12E-05	2.4442E-04
606250.49	4201437.52	47370.12219	0.00742	0.00749	0.03795	0.0385	0.29818	0.29257	2.66E-04	1.86E-06	1.91E-06	1.55E-05	1.56E-05	4.35E-05	4.26E-05	3.0133E-04
606251.94	4201658.94	31722.96966	0.00704	0.00703	0.04113	0.04184	0.37955	0.36484	1.78E-04	1.77E-06	1.79E-06	1.68E-05	1.70E-05	5.54E-05	5.32E-05	2.1575E-04
606252.92	4201711.54	28355.35879	0.0065	0.00648	0.03885	0.03961	0.38673	0.37012	1.60E-04	1.63E-06	1.65E-06	1.58E-05	1.61E-05	5.65E-05	5.39E-05	1.9469E-04
606253.2	4201487.56	40831.73997	0.00644	0.00648	0.03518	0.03573	0.32505	0.31711	2.30E-04	1.62E-06	1.65E-06	1.43E-05	1.45E-05	4.75E-05	4.62E-05	2.6180E-04
606256.67	4201638.44	32791.89426	0.00724	0.00724	0.04173	0.04242	0.36934	0.35573	1.84E-04	1.82E-06	1.84E-06	1.70E-05	1.72E-05	5.39E-05	5.18E-05	2.2234E-04
606262.4	4201524.85	38387.71301	0.00655	0.00657	0.03637	0.03696	0.33419	0.32504	2.16E-04	1.64E-06	1.67E-06	1.48E-05	1.50E-05	4.88E-05	4.74E-05	2.4908E-04
606269.15	4201720.69	27806.43264	0.00665	0.00662	0.03962	0.0404	0.36687	0.35109	1.56E-04	1.67E-06	1.68E-06	1.61E-05	1.64E-05	5.36E-05	5.12E-05	1.9231E-04
606269.29	4201609.25	34313.91327	0.00755	0.00755	0.04245	0.04312	0.3488	0.33689	1.93E-04	1.90E-06	1.92E-06	1.73E-05	1.75E-05	5.09E-05	4.91E-05	2.3164E-04
606269.72	4201778.05	24963.78156	0.00646	0.00642	0.03887	0.03968	0.35941	0.34275	1.40E-04	1.62E-06	1.63E-06	1.58E-05	1.61E-05	5.25E-05	5.00E-05	1.7562E-04
606270.87	4201576.12	36472.30184	0.00721	0.00722	0.04047	0.04114	0.34211	0.33139	2.05E-04	1.81E-06	1.84E-06	1.65E-05	1.67E-05	5.00E-05	4.83E-05	2.4200E-04
606272.88	4201439.62	46621.2992	0.00761	0.00768	0.03897	0.03955	0.28333	0.278	2.62E-04	1.91E-06	1.95E-06	1.59E-05	1.60E-05	4.14E-05	4.05E-05	2.9806E-04
606275.48	4201489.01	40357.747	0.00663	0.00666	0.03611	0.03667	0.30709	0.29972	2.27E-04	1.67E-06	1.69E-06	1.47E-05	1.49E-05	4.48E-05	4.37E-05	2.5998E-04
606276.42	4201759.93	25794.28685	0.00659	0.00655	0.03943	0.04024	0.35501	0.33903	1.45E-04	1.66E-06	1.67E-06	1.61E-05	1.63E-05	5.18E-05	4.94E-05	1.8082E-04
606279.84	4201522.43	38068.86964	0.00662	0.00664	0.03671	0.03731	0.31771	0.30922	2.14E-04	1.66E-06	1.69E-06	1.50E-05	1.51E-05	4.64E-05	4.51E-05	2.4760E-04
606289.5	4201742.98	26613.43709	0.00683	0.00678	0.04052	0.04134	0.34242	0.32754	1.50E-04	1.72E-06	1.72E-06	1.65E-05	1.68E-05	5.00E-05	4.77E-05	1.8643E-04
606291.38	4201574.55	35860.92833	0.0072	0.00721	0.04034	0.04103	0.32357	0.31366	2.02E-04	1.81E-06	1.83E-06	1.64E-05	1.66E-05	4.73E-05	4.57E-05	2.3846E-04
606292.47	4201438.92	46322.81907	0.00786	0.00792	0.0401	0.04072	0.26981	0.26483	2.61E-04	1.97E-06	2.02E-06	1.63E-05	1.65E-05	3.94E-05	3.86E-05	2.9744E-04
606293.82	4201678.82	30193.94232	0.0074	0.00737	0.04307	0.04383	0.33569	0.32263	1.70E-04	1.86E-06	1.88E-06	1.75E-05	1.78E-05	4.90E-05	4.70E-05	2.0892E-04
606297.28	4201490.95	39875.1424	0.00682	0.00685	0.03708	0.03767	0.29114	0.28426	2.24E-04	1.71E-06	1.74E-06	1.51E-05	1.53E-05	4.25E-05	4.14E-05	2.5817E-04
606298.76	4201611.71	33788.11881	0.0077	0.0077	0.04332	0.04403	0.32195	0.31115	1.90E-04	1.93E-06	1.96E-06	1.76E-05	1.79E-05	4.70E-05	4.54E-05	2.2948E-04
606300.16	4201729.9	27336.62803	0.00704	0.007	0.04152	0.04235	0.33193	0.31781	1.54E-04	1.77E-06	1.78E-06	1.69E-05	1.72E-05	4.85E-05	4.63E-05	1.9143E-04
606304.54	4201523.88	37362.2873	0.00674	0.00676	0.03736	0.03798	0.29807	0.29024	2.10E-04	1.69E-06	1.72E-06	1.52E-05	1.54E-05	4.35E-05	4.23E-05	2.4423E-04
606309.88	4201659.06	30955.37282	0.00782	0.00781	0.04472	0.04548	0.31669	0.305	1.74E-04	1.96E-06	1.99E-06	1.82E-05	1.84E-05	4.62E-05	4.45E-05	2.1476E-04
606312.67	4201570.6	35296.5598	0.0072	0.0072	0.04018	0.04088	0.30494	0.29587	1.99E-04	1.81E-06	1.83E-06	1.64E-05	1.66E-05	4.45E-05	4.31E-05	2.3516E-04
606314.81	4201788.73	24763.87673	0.00723	0.00717	0.0427	0.04361	0.30859	0.29469	1.39E-04	1.82E-06	1.82E-06	1.74E-05	1.77E-05	4.51E-05	4.30E-05	1.7804E-04
606315.23	4201638.06	31997.58472	0.00796	0.00796	0.04495	0.04571	0.30971	0.29881	1.80E-04	2.00E-06	2.03E-06	1.83E-05	1.85E-05	4.52E-05	4.36E-05	2.2088E-04
606315.55	4201437.87	46046.70286	0.00819	0.00825	0.04159	0.04225	0.25498	0.25036	2.59E-04	2.06E-06	2.10E-06	1.69E-05	1.71E-05	3.72E-05	3.65E-05	2.9728E-04
606319.56	4201491.43	39516.26561	0.00705	0.00708	0.03815	0.03876	0.27551	0.26911	2.22E-04	1.77E-06	1.80E-06	1.55E-05	1.57E-05	4.02E-05	3.92E-05	2.5714E-04
606323.91	4201523.4	36878.56843	0.00683	0.00684	0.03781	0.03844	0.28333	0.27604	2.07E-04	1.72E-06	1.74E-06	1.54E-05	1.56E-05	4.14E-05	4.02E-05	2.4192E-04
606326.76	4201698.59	28871.38289	0.00774	0.00771	0.04489	0.04571	0.30456	0.29261	1.62E-04	1.94E-06	1.96E-06	1.83E-05	1.85E-05	4.45E-05	4.26E-05	2.0315E-04
606330.59	4201761.12	25876.95032	0.00746	0.00741	0.04373	0.04463	0.29858	0.28574	1.46E-04	1.87E-06	1.89E-06	1.78E-05	1.81E-05	4.36E-05	4.16E-05	1.8525E-04
606330.81	4201577.7	34634.34971	0.00737	0.00737	0.04113	0.04186	0.29204	0.28324	1.95E-04	1.85E-06	1.88E-06	1.68E-05	1.70E-05	4.26E-05	4.13E-05	2.3230E-04
606336.02	4201492.4	39181.08504	0.00721	0.00724	0.03893	0.03957	0.26498	0.25888	2.20E-04	1.81E-06	1.84E-06	1.59E-05	1.61E-05	3.87E-05	3.77E-05	2.5598E-04
606336.54	4201438.57	45623.41448	0.00846	0.00852	0.04294	0.04363	0.24329	0.2389	2.57E-04	2.12E-06	2.17E-06	1.75E-05	1.77E-05	3.55E-05	3.48E-05	2.9614E-04
606339.11	4201680.06	29534.53439	0.00824	0.00822	0.0468	0.04761	0.29142	0.2805	1.66E-04	2.07E-06	2.09E-06	1.91E-05	1.93E-05	4.26E-05	4.09E-05	2.0869E-04
606346.36	4201775.32	25340.68925	0.00773	0.00768	0.04534	0.04629	0.28201	0.26981	1.43E-04	1.94E-06	1.95E-06	1.85E-05	1.88E-05	4.12E-05	3.93E-05	1.8370E-04
606348.13	4201523.88	36389.61629	0.00701	0.00703	0.03872	0.03937	0.26672	0.25996	2.05E-04	1.76E-06	1.79E-06	1.58E-05	1.60E-05	3.90E-05	3.79E-05	2.4001E-04
606348.58	4201660.71	30309.69297	0.00854	0.00855	0.04773	0.04853	0.28221	0.2721	1.71E-04	2.14E-06	2.18E-06	1.94E-05	1.97E-05	4.12E-05	3.97E-05	2.1396E-04
606356.48	4201437.17	45272.86962	0.00883	0.00889	0.04455	0.04527	0.23196	0.2278	2.55E-04	2.22E-06	2.26E-06	1.81E-05	1.84E-05	3.39E-05	3.32E-05	2.9568E-04
606356.84	4201575.34	33969.03347	0.00739	0.00739	0.04115	0.04189	0.27272	0.26475	1.91E-04	1.86E-06	1.88E-06	1.68E-05	1.70E-05	3.98E-05	3.86E-05	2.2859E-04
606357.23	4201635.59	31648.54533	0.00828	0.00827	0.0464	0.04722	0.27652	0.26712	1.78E-04	2.08E-06	2.10E-06	1.89E-05	1.92E-05	4.04E-05	3.89E-05	2.2028E-04
606357.41	4201787.15	24836.83137	0.00795	0.0079	0.04682	0.04777	0.27007	0.25845	1.40E-04	2.00E-06	2.01E-06	1.91E-05	1.94E-05	3.94E-05	3.77E-05	1.8218E-04
606361.21	4201490.46	39028.77628	0.00754	0.00757	0.04041	0.04109	0.24889	0.24331	2.20E-04	1.89E-06	1.93E-06	1.65E-05	1.67E-05	3.63E-05	3.55E-05	2.5651E-04
606365.08	4201531.15	35642.3554	0.00714	0.00715	0.03945	0.04012	0.25767	0.25106	2.01E-04	1.79E-06	1.82E-06	1.61E-05	1.63E-05	3.76E-05	3.66E-05	2.3647E-04
606373.59	4201720.63	27371.99551	0.00838	0.00834	0.04834	0.04926	0.26368	0.25344	1.54E-04	2.10E-06	2.12E-06	1.97E-05	2.00E-05	3.85E-05	3.69E-05	1.9788E-04
606374.98	4201580.86	33313.32802	0.00752	0.00751	0.04179	0.04256	0.26128	0.25362	1.87E-04	1.89E-06	1.91E-06	1.70E-05	1.73E-05	3.82E-05	3.70E-05	2.2550E-04
606381.66	4201440.67	44321.57991	0.00913	0.00918	0.04611	0.04688	0.22086	0.21683	2.49E-04	2.29E-06	2.34E-06	1.88E-05	1.90E-05	3.23E-05	3.16E-05	2.9177E-04
606383.49	4201491.43	38657.20956	0.00782	0.00784	0.04172	0.04244	0.23661	0.23138	2.17E-04	1.96E-06	1.99E-06	1.70E-05	1.72E-05	3.46E-05	3.37E-05	2.5564E-04
606386.35	4201698.4	28117.82628	0.00883	0.00883	0.05021	0.05112	0.25417	0.24476	1.58E-04	2.22E-06	2.25E-06	2.05E-05	2.07E-05	3.71E-05	3.57E-05	2.0383E-04
606388.41	4201737.51	26530.26512	0.00852	0.00848	0.04926	0.05022	0.25163	0.24177	1.49E-04	2.14E-06	2.16E-06	2.01E-05	2.04E-05	3.67E-05	3.52E-05	1.9398E-04
606388.82	4201528.24	35613.44222	0.00746	0.00746	0.04086	0.04158	0.24275	0.23663	2.00E-04	1.87E-06	1.90E-06	1.66E-05	1.69E-05	3.54E-05	3.45E-05	2.3763E-04
606396.28	4201577.7	32716.77651	0.00745	0.00744	0.04156	0.04232	0.24722	0.24018	1.84E-04	1.87E-06	1.89E-06	1.69E-05	1.72E-05	3.61E-05	3.50E-05	2.2191E-04
606400.2	4201441.37	43788.84143	0.00942	0.00947	0.0475	0.04831	0.21245	0.20856	2.46E-04	2.37E-06	2.41E-06	1.93E-05	1.96E-05	3.10E-05	3.04E-05	2.9006E-04
606400.76	4201753.16	25791.62924	0.00864	0.00861	0.05016	0.05117	0.24146	0.23194	1.45E-04	2.17E-06	2.19E-06	2.04E-05	2.08E-05	3.53E-05	3.38E-05	1.9064E-04
606400.88	4201682.12	28729.49994	0.00903	0.00903	0.05074	0.05167	0.24528	0.23652	1.62E-04	2.27E-06	2.30E-06	2.07E-05	2.10E-05	3.58E-05	3.45E-05	2.0782E-04
606403.83	4201491.43	38451.75349	0.00813	0.00815	0.04317	0.04393	0.22595	0.22097	2.16E-04	2.04E-06	2.07E-06	1.76E-05	1.78E-05	3.30E-05	3.22E-05	2.5584E-04
606409.52	4201629	31142.18027	0.0084	0.00836	0.04646	0.04737	0.24318	0.2353	1.75E-04	2.11E-06	2.13E-06	1.89E-05	1.92E-05	3.55E-05	3.43E-05	2.1757E-04
606409.64	4201527.76	35431.94294	0.00774	0.00774	0.04215	0.04291	0.23105	0.2253	1.99E-04	1.94E-06	1.97E-06	1.72E-05	1.74E-05	3.37E-05	3.28E-05	2.3782E-04
606411.88	4201772.51	24933.58266	0.00879	0.00875	0.05141	0.05245	0.2314	0.22223	1.40E-04	2.21E-06	2.23E-06	2.09E-05	2.13E-05	3.38E-05	3.24E-05	1.8692E-04
606415.59	4201718.16	26970.76626	0.00914	0.00913	0.05233	0.05333	0.23368	0.225	1.52E-04	2.30E-06	2.32E-06	2.13E-05	2.16E-05	3.41E-05	3.28E-05	1.9930E-04
606415.7	4201656.59	29930.81113	0.00868	0.00864	0.0482	0.04914	0.23952	0.23135	1.68E-04	2.18E-06	2.20E-06	1.96E-05	1.99E-05	3.50E-05	3.37E-05	2.1233E-04
606417.34	4201441.37	43366.75966	0.00966	0.00971	0.04868	0.04951	0.20498	0.20123	2.44E-04	2.43E-06	2.47E-06	1.98E-05	2.01E-05	2.99E-05	2.93E-05	2.8878E-04
606421.52	4201578.49	32320.40564	0.00771	0.00769	0.0428	0.0436	0.23248	0.22594	1.82E-04	1.94E-06	1.96E-06	1.74E-05	1.77E-05	3.40E-05	3.29E-05	2.2084E-04
606425.14	4201492.89	38092.22385	0.00845	0.00846	0.04467	0.04547	0.2158	0.21103	2.14E-04	2.12E-06	2.15E-06	1.82E-05	1.84E-05	3.15E-05	3.08E-05	2.5521E-04

606430	4201786.92	24224.63561	0.00911	0.00907	0.05352	0.0546	0.21774	0.20919	1.36E-04	2.29E-06	2.31E-06	2.18E-05	2.21E-05	3.18E-05	3.05E-05	1.8482E-04
606431.64	4201749.04	25611.16909	0.00924	0.00921	0.05344	0.05451	0.22141	0.21302	1.44E-04	2.32E-06	2.34E-06	2.18E-05	2.21E-05	3.23E-05	3.10E-05	1.9262E-04
606431.92	4201532.6	34870.44963	0.00801	0.00801	0.04351	0.04431	0.22036	0.21484	1.96E-04	2.01E-06	2.04E-06	1.77E-05	1.80E-05	3.22E-05	3.13E-05	2.3592E-04
606433.4	4201693.65	27988.40119	0.00911	0.00907	0.05109	0.0521	0.22648	0.21851	1.57E-04	2.29E-06	2.31E-06	2.08E-05	2.11E-05	3.31E-05	3.18E-05	2.0399E-04
606441.24	4201580.07	32140.72053	0.00806	0.00803	0.04432	0.04517	0.22195	0.21574	1.81E-04	2.02E-06	2.04E-06	1.81E-05	1.83E-05	3.24E-05	3.14E-05	2.2126E-04
606444.62	4201444.87	42421.17017	0.01007	0.01011	0.05069	0.05157	0.19467	0.19103	2.39E-04	2.53E-06	2.57E-06	2.06E-05	2.09E-05	2.84E-05	2.78E-05	2.8532E-04
606447.91	4201503.06	37001.95961	0.00868	0.00868	0.04594	0.04678	0.20732	0.2026	2.08E-04	2.18E-06	2.21E-06	1.87E-05	1.90E-05	3.03E-05	2.95E-05	2.5024E-04
606453.07	4201608.46	30767.80342	0.00837	0.00832	0.04583	0.04674	0.21801	0.21149	1.73E-04	2.10E-06	2.12E-06	1.87E-05	1.90E-05	3.18E-05	3.08E-05	2.1494E-04
606454.65	4201658.94	28934.73038	0.00881	0.00875	0.04812	0.04912	0.21821	0.21096	1.63E-04	2.21E-06	2.23E-06	1.96E-05	1.99E-05	3.19E-05	3.07E-05	2.0674E-04
606455.43	4201631.34	29714.03787	0.00847	0.00841	0.04636	0.04729	0.21781	0.21098	1.67E-04	2.13E-06	2.14E-06	1.89E-05	1.92E-05	3.18E-05	3.08E-05	2.0950E-04
606456.22	4201751.23	25301.72113	0.00961	0.00957	0.05545	0.05658	0.20721	0.19951	1.42E-04	2.41E-06	2.43E-06	2.26E-05	2.30E-05	3.03E-05	2.91E-05	1.9273E-04
606459.38	4201686.55	27986.28817	0.00916	0.0091	0.05034	0.05139	0.21428	0.20683	1.57E-04	2.30E-06	2.32E-06	2.05E-05	2.08E-05	3.13E-05	3.01E-05	2.0341E-04
606459.53	4201534.54	34547.72271	0.00849	0.00848	0.04567	0.04653	0.20728	0.20213	1.94E-04	2.13E-06	2.16E-06	1.86E-05	1.89E-05	3.03E-05	2.95E-05	2.3612E-04
606461.74	4201579.28	31945.58645	0.00835	0.00832	0.04559	0.04648	0.21143	0.20553	1.80E-04	2.10E-06	2.12E-06	1.86E-05	1.89E-05	3.09E-05	3.00E-05	2.2135E-04
606474	4201459.56	40645.33022	0.0103	0.01033	0.05236	0.05327	0.18675	0.18306	2.29E-04	2.59E-06	2.63E-06	2.13E-05	2.16E-05	2.73E-05	2.67E-05	2.7681E-04
606498.84	4201448.36	40755.35533	0.01164	0.0117	0.0564	0.05731	0.17472	0.17138	2.29E-04	2.92E-06	2.98E-06	2.30E-05	2.32E-05	2.55E-05	2.50E-05	2.8140E-04
606507.25	4201499.81	36676.87568	0.00982	0.00981	0.051	0.05195	0.18207	0.17796	2.06E-04	2.47E-06	2.50E-06	2.08E-05	2.11E-05	2.66E-05	2.59E-05	2.5314E-04
606508.65	4201695.39	26492.80815	0.00936	0.0093	0.0506	0.05171	0.19016	0.18376	1.49E-04	2.35E-06	2.37E-06	2.06E-05	2.10E-05	2.78E-05	2.68E-05	1.9534E-04
606508.93	4201744.7	25261.65204	0.00995	0.00989	0.05549	0.05671	0.18481	0.17822	1.42E-04	2.50E-06	2.52E-06	2.26E-05	2.30E-05	2.70E-05	2.60E-05	1.9274E-04
606509	4201630.66	28482.97277	0.00869	0.00861	0.04735	0.0483	0.19143	0.18568	1.60E-04	2.18E-06	2.19E-06	1.93E-05	1.96E-05	2.80E-05	2.71E-05	2.0349E-04
606510.05	4201608.27	29627.71765	0.00882	0.00875	0.04775	0.0487	0.19072	0.18521	1.67E-04	2.22E-06	2.23E-06	1.94E-05	1.98E-05	2.79E-05	2.70E-05	2.1032E-04
606510.05	4201720.93	25951.28557	0.00973	0.00968	0.05329	0.05449	0.18729	0.18071	1.46E-04	2.44E-06	2.46E-06	2.17E-05	2.21E-05	2.74E-05	2.63E-05	1.9471E-04
606511.8	4201676.15	26830.49699	0.00902	0.00895	0.04883	0.04987	0.18961	0.18344	1.51E-04	2.27E-06	2.28E-06	1.99E-05	2.02E-05	2.77E-05	2.67E-05	1.9560E-04
606512.15	4201523.95	34810.92789	0.00966	0.00963	0.05062	0.05158	0.18339	0.179	1.96E-04	2.43E-06	2.45E-06	2.06E-05	2.09E-05	2.68E-05	2.61E-05	2.4225E-04
606512.15	4201589.73	30600.4474	0.00896	0.00889	0.04819	0.04913	0.1891	0.18384	1.72E-04	2.25E-06	2.26E-06	1.96E-05	1.99E-05	2.76E-05	2.68E-05	2.1622E-04
606512.5	4201654.8	27410.68721	0.00875	0.00867	0.04771	0.04869	0.18963	0.1837	1.54E-04	2.20E-06	2.21E-06	1.94E-05	1.98E-05	2.77E-05	2.68E-05	1.9779E-04
606513.2	4201565.24	32049.65289	0.0092	0.00914	0.04898	0.04994	0.18706	0.1822	1.80E-04	2.31E-06	2.33E-06	2.00E-05	2.03E-05	2.73E-05	2.66E-05	2.2515E-04
606516.35	4201548.09	33155.17121	0.00949	0.00944	0.05005	0.05102	0.18432	0.17964	1.87E-04	2.38E-06	2.40E-06	2.04E-05	2.07E-05	2.69E-05	2.62E-05	2.3239E-04
606518.78	4201441.37	40771.60934	0.01217	0.01224	0.05821	0.05911	0.16672	0.16362	2.29E-04	3.06E-06	3.11E-06	2.37E-05	2.40E-05	2.43E-05	2.38E-05	2.8323E-04
606541.86	4201446.62	39867.46432	0.0125	0.01257	0.06004	0.06098	0.1605	0.15745	2.24E-04	3.14E-06	3.20E-06	2.45E-05	2.47E-05	2.34E-05	2.29E-05	2.7981E-04
606547.14	4201545.99	33073.65845	0.0103	0.01024	0.0534	0.05445	0.17228	0.16796	1.86E-04	2.59E-06	2.61E-06	2.18E-05	2.21E-05	2.52E-05	2.45E-05	2.3509E-04
606547.49	4201643.96	27570.93292	0.00937	0.0093	0.05025	0.05128	0.17528	0.17	1.55E-04	2.35E-06	2.37E-06	2.05E-05	2.08E-05	2.56E-05	2.48E-05	2.0109E-04
606549.59	4201682.79	25896.88429	0.0092	0.00915	0.05031	0.05138	0.17272	0.1672	1.46E-04	2.31E-06	2.33E-06	2.05E-05	2.08E-05	2.52E-05	2.44E-05	1.9166E-04
606549.94	4201527.45	34387.95703	0.01062	0.01058	0.05473	0.05581	0.16957	0.16546	1.93E-04	2.67E-06	2.69E-06	2.23E-05	2.26E-05	2.48E-05	2.41E-05	2.4375E-04
606550.58	4201746.15	24616.55128	0.01023	0.01017	0.05633	0.05766	0.16782	0.16202	1.38E-04	2.57E-06	2.59E-06	2.29E-05	2.34E-05	2.45E-05	2.36E-05	1.8998E-04
606550.64	4201703.09	25282.20224	0.00932	0.00928	0.05116	0.05228	0.1712	0.16562	1.42E-04	2.34E-06	2.36E-06	2.08E-05	2.12E-05	2.50E-05	2.41E-05	1.8898E-04
606550.64	4201723.38	24891.1243	0.00968	0.00964	0.05302	0.05422	0.16999	0.1643	1.40E-04	2.43E-06	2.45E-06	2.16E-05	2.20E-05	2.48E-05	2.39E-05	1.8850E-04
606551.69	4201619.47	28713.92284	0.00961	0.00953	0.0509	0.05193	0.17394	0.16892	1.62E-04	2.41E-06	2.42E-06	2.07E-05	2.11E-05	2.54E-05	2.46E-05	2.0817E-04
606552.74	4201663.55	26676.14548	0.00937	0.0093	0.0506	0.05166	0.17257	0.16723	1.50E-04	2.35E-06	2.37E-06	2.06E-05	2.10E-05	2.52E-05	2.44E-05	1.9636E-04
606553.44	4201490.71	36855.94595	0.01129	0.01127	0.0574	0.05847	0.16404	0.16047	2.07E-04	2.84E-06	2.87E-06	2.34E-05	2.37E-05	2.40E-05	2.34E-05	2.6014E-04
606554.49	4201509.26	35651.42009	0.01102	0.01099	0.05639	0.05747	0.16599	0.16215	2.01E-04	2.77E-06	2.80E-06	2.30E-05	2.33E-05	2.42E-05	2.36E-05	2.5241E-04
606562.5	4201446.27	39414.18752	0.0129	0.01297	0.06179	0.06276	0.15439	0.15145	2.22E-04	3.24E-06	3.30E-06	2.52E-05	2.55E-05	2.25E-05	2.21E-05	2.7890E-04
606564.63	4201574.33	31189.22403	0.01045	0.01037	0.05401	0.0551	0.16784	0.16339	1.75E-04	2.62E-06	2.64E-06	2.20E-05	2.24E-05	2.45E-05	2.38E-05	2.2507E-04
606575.48	4201609.67	29099.48147	0.0103	0.01022	0.05359	0.05469	0.1651	0.16047	1.64E-04	2.59E-06	2.60E-06	2.18E-05	2.22E-05	2.41E-05	2.34E-05	2.1290E-04
606580.34	4201444.87	39090.44365	0.01328	0.01335	0.06337	0.06438	0.14921	0.14639	2.20E-04	3.34E-06	3.40E-06	2.58E-05	2.61E-05	2.18E-05	2.13E-05	2.7857E-04
606590.52	4201574.68	31133.97409	0.01124	0.01116	0.05743	0.05862	0.15883	0.1546	1.75E-04	2.82E-06	2.84E-06	2.34E-05	2.38E-05	2.32E-05	2.25E-05	2.2798E-04
606596.82	4201614.57	28772.38336	0.01086	0.01079	0.05609	0.05727	0.15774	0.15331	1.62E-04	2.73E-06	2.75E-06	2.28E-05	2.32E-05	2.30E-05	2.23E-05	2.1342E-04
606598.88	4201448.01	38440.38227	0.01365	0.01371	0.0651	0.06617	0.14463	0.14187	2.16E-04	3.43E-06	3.49E-06	2.65E-05	2.68E-05	2.11E-05	2.07E-05	2.7653E-04
606600.26	4201679.16	25847.35739	0.0103	0.01025	0.05543	0.05662	0.15476	0.15004	1.45E-04	2.59E-06	2.61E-06	2.26E-05	2.30E-05	2.26E-05	2.19E-05	1.9615E-04
606600.47	4201735.01	24178.9504	0.01061	0.01053	0.05803	0.05938	0.15081	0.14592	1.36E-04	2.66E-06	2.68E-06	2.36E-05	2.41E-05	2.20E-05	2.13E-05	1.8909E-04
606601.43	4201696.27	25227.39732	0.01027	0.01022	0.05582	0.05704	0.15333	0.14856	1.42E-04	2.58E-06	2.60E-06	2.27E-05	2.31E-05	2.24E-05	2.17E-05	1.9298E-04
606602.4	4201753.42	23824.10081	0.01097	0.01088	0.06001	0.06146	0.14848	0.14361	1.34E-04	2.76E-06	2.77E-06	2.44E-05	2.49E-05	2.17E-05	2.09E-05	1.8892E-04
606602.68	4201659.79	26600.91988	0.01048	0.01043	0.05563	0.05681	0.15492	0.15028	1.50E-04	2.63E-06	2.65E-06	2.27E-05	2.30E-05	2.26E-05	2.19E-05	2.0064E-04
606602.79	4201495.6	35491.17045	0.01269	0.01267	0.06359	0.06477	0.14888	0.14562	2.00E-04	3.19E-06	3.22E-06	2.59E-05	2.63E-05	2.17E-05	2.12E-05	2.5825E-04
606603.37	4201715.64	24639.74706	0.01041	0.01035	0.05687	0.05815	0.15136	0.14657	1.39E-04	2.61E-06	2.63E-06	2.32E-05	2.36E-05	2.21E-05	2.14E-05	1.9062E-04
606603.82	4201511.7	34572.59617	0.01248	0.01244	0.06293	0.06413	0.15013	0.14671	1.94E-04	3.13E-06	3.17E-06	2.56E-05	2.60E-05	2.19E-05	2.14E-05	2.5244E-04
606608.37	4201529.55	33517.09658	0.01242	0.01236	0.06286	0.06411	0.15015	0.14657	1.89E-04	3.12E-06	3.14E-06	2.56E-05	2.60E-05	2.19E-05	2.14E-05	2.4643E-04
606609.77	4201546.69	32602.35777	0.01227	0.0122	0.06229	0.06357	0.15084	0.14711	1.83E-04	3.08E-06	3.10E-06	2.54E-05	2.58E-05	2.20E-05	2.14E-05	2.4076E-04
606614.31	4201618.42	28511.16212	0.01133	0.01127	0.05832	0.05958	0.15196	0.14768	1.60E-04	2.85E-06	2.87E-06	2.38E-05	2.42E-05	2.22E-05	2.15E-05	2.1403E-04
606618.46	4201447.31	38023.99706	0.01408	0.01415	0.06699	0.06811	0.13956	0.1369	2.14E-04	3.54E-06	3.60E-06	2.73E-05	2.76E-05	2.04E-05	2.00E-05	2.7596E-04
606634.55	4201446.27	37700.47009	0.01449	0.01455	0.06864	0.06982	0.13551	0.13293	2.12E-04	3.64E-06	3.70E-06	2.80E-05	2.83E-05	1.98E-05	1.94E-05	2.7571E-04
606636.58	4201680.62	25699.18298	0.01135	0.01127	0.06022	0.06157	0.14314	0.13884	1.45E-04	2.85E-06	2.87E-06	2.45E-05	2.50E-05	2.09E-05	2.02E-05	1.9980E-04
606636.61	4201495.6	34745.21554	0.01369	0.01367	0.06785	0.06911	0.13936	0.13633	1.95E-04	3.44E-06	3.48E-06	2.76E-05	2.80E-05	2.04E-05	1.99E-05	2.5805E-04
606637.41	4201622.62	28281.10068	0.012	0.01193	0.06161	0.06297	0.14468	0.14057	1.59E-04	3.01E-06	3.04E-06	2.51E-05	2.55E-05	2.11E-05	2.05E-05	2.1579E-04
606637.54	4201662.7	26404.37585	0.01151	0.01144	0.06045	0.0618	0.14372	0.13944	1.49E-04	2.89E-06	2.91E-06	2.46E-05	2.51E-05	2.10E-05	2.03E-05	2.0404E-04
606638.46	4201547.04	32053.83243	0.01314	0.01308	0.06648	0.06784	0.14216	0.1387	1.80E-04	3.30E-06	3.33E-06	2.71E-05	2.75E-05	2.08E-05	2.02E-05	2.4155E-04
606638.81	4201564.89	31187.63377	0.01301	0.01295	0.0662	0.0676	0.14278	0.13916	1.75E-04	3.27E-06	3.29E-06	2.70E-05	2.74E-05	2.09E-05	2.03E-05	2.3640E-04
606640.21	4201512.75	33754.26056	0.01357	0.01353	0.06774	0.06904	0.13962	0.13645	1.90E-04	3.41E-06	3.44E-06	2.76E-05	2.80E-05	2.04E-05	1.99E-05	2.5234E-04
606640.21	4201583.08	30325.38349	0.01289	0.01281	0.06583	0.06726	0.14293	0.13917	1.71E-04	3.24E-06	3.26E-06	2.68E-05	2.73E-05	2.09E-05	2.03E-05	2.3120E-04
606640.56	4201604.42	29260.03205	0.01249	0.01242	0.06379	0.0652	0.14351	0.13955	1.65E-04	3.14E-06	3.16E-06	2.60E-05	2.64E-05	2.10E-05	2.03E-05	2.2334E-04
606641.63	4201699.66	25009.14969	0.01148	0.01138	0.06124	0.06263	0.1405	0.13621	1.41E-04	2.88E-06	2.90E-06	2.49E-05	2.54E-05	2.05E-05	1.99E-05	1.9682E-04
606645.02	4201715.16	24493.3904	0.01162	0.01152	0.06217	0.06362	0.13842	0.13415	1.38E-04	2.92E-06	2.93E-06	2.53E-05	2.58E-05	2.02E-05	1.96E-05	1.9477E-04
606646.47	4201734.05	23922.40494	0.01178	0.01166	0.06319	0.0647	0.13656	0.13231	1.35E-04	2.96E-06	2.97E-06	2.57E-05	2.62E-05	1.99E-05	1.93E-05	1.9249E-04
606650.35	4201752.93	23449.32967	0.01208	0.01196	0.0649	0.06649	0.13387	0.12965	1.32E-04	3.03E-06	3.04E-06	2.64E-05	2.70E-05	1.95E-05	1.89E-05	1.9140E-04
606654.84	4201448.01	37085.67433	0.01502	0.01507	0.07097	0.07221	0.13088	0.12838	2.09E-04	3.77E-06	3.83E-06	2.89E-05	2.93E-05	1.91E-05	1.87E-05	2.7444E-04
606671.98	4201445.92	36777.82566	0.01554	0.01559	0.07308	0.07439	0.12681	0.1244	2.07E-04	3.90E-06	3.97E-06	2.98E-05	3.02E-05	1.85E-05	1.81E-05	2.7471E-04
606684.37	4201668.7	26012.03799	0.01316	0.01303	0.06793	0.06954	0.13003	0.12624	1.46E-04	3.31E-06	3.32E-06	2.77E-05	2.82E-05	1.90E-05	1.84E-05	2.0883E-04
606684.48	4201614.96	28272.86433	0.01398	0.01387	0.07148	0.07312	0.13074	0.12722	1.59E-04	3.51E-06	3.53E-06	2.91E-05	2.97E-05	1.91E-05	1.85E-05	2.2487E-04
606688.39	4201702.89	24724.35866	0.01311	0.01298	0.06831	0.06997	0.12722	0.12345	1.39E-04	3.29E-06	3.30E-06	2.78E-05	2.84E-05	1.86E-05	1.80E-05	2.0189E-04
606689.81	4201512.79	32700.40056	0.01528	0.01525	0.07496	0.07643	0.12702	0.12419	1.84E-04	3.84E-06	3.88E-06	3.05E-05	3.10E-05	1.85E-05	1.81E-05	2.5322E-04
606689.81	4201589.3	29237.62085	0.01437	0.01427	0.07287	0.07449	0.12923	0.12592	1.64E-04	3.61E-06	3.63E-06	2.97E-05	3.02E-05	1.89E-05	1.84E-05	2.3162E-04
606689.82	4201446.96	36246.43695	0.01611	0.01616	0.07546	0.07686	0.12298	0.12064	2.04E-04	4.05E-06	4.11E-06	3.07E-05	3.12E-05	1.80E-05	1.76E-05	2.7398E-04
606690.08	4201496.69	33494.76105	0.01551	0.0155	0.07544	0.07689	0.12612	0.1234	1.88E-04	3.90E-06	3.94E-06	3.07E-05	3.12E-05	1.84E-05	1.80E-05	2.5819E-04
606690.29	4201532.16	31764.89541	0.01492	0.01485	0.0741	0.07561	0.12773	0.12476	1.79E-04	3.75E-06	3.78E-06	3.02E-05	3.07E-05	1.87E-05	1.82E-05	2.4708E-04
606692.23	4201548.14	30989.77802	0.01481	0.01473	0.07401	0.07555	0.12775	0.1247	1.74E-04	3.72E-06	3.75E-06	3.01E-05	3.06E-05	1.87E-05	1.82E-05	2.4260E-04
606692.23	4201569.44	30044.50223	0.01461	0.01452	0.07355	0.07514	0.12826	0.12508	1.69E-04	3.67E-06	3.69E-06	3.00E-05	3.05E-05	1.87E-05	1.82E-05	2.3682E-04
606697.33	4201750.03	23113.97745	0.01314	0.01306	0.06998	0.07175	0.12172	0.11805	1.30E-04	3.30E-06	3.32E-06	2.85E-05	2.91E-05	1.78E-05	1.72E-05	1.9426E-04
606705.15	4201666.69	25984.54709	0.01404	0.0139	0.07189	0.07363	0.12461	0.12107	1.46E-04	3.53E-06	3.54E-06	2.93E-05	2.99E-05	1.82E-05	1.76E-05	2.1239E-04
606709.06	4201446.27	35760.6122	0.01684	0.01686	0.07823	0.07967	0.11885	0.1166	2.01E-04	4.23E-06	4.29E-06	3.19E-05	3.23E-05	1.74E-05	1.70E-05	2.7388E-04
606709.18	4201615.93	27859.40087	0.01482	0.01469	0.0752	0.07695	0.12442	0.12111	1.57E-04	3.72E-06	3.74E-06	3.06E-05	3.12E-05	1.82E-05	1.77E-05	2.2603E-04
606709.84	4201695.52	24817.61977	0.01388	0.01375	0.07165	0.07342	0.1222	0.11866	1.40E-04	3.49E-06	3.50E-06	2.92E-05	2.98E-05	1.78E-05	1.73E-05	2.0557E-04
606718.86	4201551.04	30357.33231	0.0157	0.01559	0.0778	0.07947	0.12155	0.11867	1.71E-04	3.94E-06	3.97E-06	3.17E-05	3.22E-05	1.78E-05	1.73E-05	2.4262E-04
606720.09	4201748.57	22906.81392	0.01349	0.01345	0.0722	0.07406	0.11642	0.113	1.29E-04	3.39E-06	3.42E-06	2.94E-05	3.00E-05	1.70E-05	1.65E-05	1.9513E-04
606720.31	4201572.83	29390.87305	0.01563	0.01551	0.07812	0.07985	0.12144	0.11846	1.65E-04	3.93E-06	3.95E-06	3.18E-05	3.24E-05	1.77E-05	1.73E-05	2.3743E-04
606723.22	4201511.82	32032.09526	0.01644	0.01639	0.07992	0.08155	0.11943	0.1168	1.80E-04	4.13E-06	4.17E-06	3.26E-05	3.31E-05	1.74E-05	1.70E-05	2.5413E-04
606724.19	4201533.13	31042.03203	0.01618	0.01609	0.07937	0.08103	0.11994	0.11719	1.75E-04	4.06E-06	4.09E-06	3.23E-05	3.29E-05	1.75E-05	1.71E-05	2.4799E-04
606725.93	4201665.35	25827.5965	0.01482	0.01468	0.07542	0.07728	0.11956	0.11622	1.45E-04	3.72E-06	3.73E-06	3.07E-05	3.13E-05	1.75E-05	1.69E-05	2.1482E-04
606728.64	4201447.31	35164.34129	0.01759	0.01761	0.0813	0.08289	0.11497	0.11279	1.98E-04	4.42E-06	4.48E-06	3.31E-05	3.36E-05	1.68E-05	1.64E-05	2.7346E-04
606730.46	4201491.23	32803.52219	0.01714	0.0171	0.08188	0.08349	0.11687	0.11441	1.85E-04	4.30E-06	4.35E-06	3.34E-05	3.39E-05	1.71E-05	1.67E-05	2.6042E-04
606733.87	4201616.9	27437.31772	0.01576	0.01561	0.07934	0.08122	0.11834	0.11531	1.54E-04	3.96E-06	3.97E-06	3.23E-05	3.29E-05	1.73E-05	1.68E-05	2.2755E-04
606739.34	4201697.53	24433.20064	0.01468	0.0146	0.07565	0.07756	0.11522	0.11195	1.37E-04	3.69E-06	3.71E-06	3.08E-05	3.15E-05	1.68E-05	1.63E-05	2.0713E-04
606745.08	4201446.96	34759.35819	0.0182	0.01819	0.08381	0.08552	0.11186	0.10974	1.96E-04	4.57E-06	4.63E-06	3.41E-05	3.47E-05	1.63E-05	1.60E-05	2.7357E-04
606748.4	4201588.33	28235.09383	0.01684	0.01671	0.08424	0.08616	0.11503	0.11218	1.59E-04	4.23E-06	4.25E-06	3.43E-05	3.50E-05	1.68E-05	1.64E-05	2.3659E-04
606749.39	4201666.02	25499.6276	0.01558	0.01546	0.07895	0.08094	0.11423	0.11106	1.43E-04	3.91E-06	3.93E-06	3.22E-05	3.28E-05	1.67E-05	1.62E-05	2.1629E-04
606749.63	4201747.12	22446.47908	0.01342	0.01347	0.07386	0.07576	0.10996	0.10683	1.26E-04	3.37E-06	3.43E-06	3.01E-05	3.07E-05	1.61E-05	1.56E-05	1.9389E-04
606760.02	4201616.9	27008.60928	0.01687	0.01672	0.08463	0.08667	0.1124	0.10953	1.52E-04	4.24E-06	4.25E-06	3.45E-05	3.52E-05	1.64E-05	1.60E-05	2.3006E-04
606763.47	4201701.55	23981.88253	0.01508	0.01506	0.07847	0.08049	0.10985	0.10677	1.35E-04	3.79E-06	3.83E-06	3.20E-05	3.27E-05	1.60E-05	1.56E-05	2.0715E-04
606764.67	4201449.41	34117.08072	0.01893	0.01891	0.08704	0.08887	0.10844	0.10638	1.92E-04	4.75E-06	4.81E-06	3.55E-05	3.61E-05	1.58E-05	1.55E-05	2.7300E-04
606772.85	4201664.68	25233.27609	0.01629	0.01621	0.0825	0.08465	0.10933	0.10635	1.42E-04	4.09E-06	4.12E-06	3.36E-05	3.43E-05	1.60E-05	1.55E-05	2.1811E-04
606773.36	4201751.96	21852.058	0.01284	0.01296	0.07486	0.07681	0.10458	0.10167	1.23E-04	3.22E-06	3.30E-06	3.05E-05	3.12E-05	1.53E-05	1.48E-05	1.9110E-04
606774.54	4201498.02	31382.11511	0.01902	0.01894	0.0899	0.09192	0.10823	0.10595	1.77E-04	4.78E-06	4.82E-06	3.66E-05	3.73E-05	1.58E-05	1.54E-05	2.6005E-04
606774.54	4201515.11	30725.21095	0.01861	0.0185	0.08917	0.09104	0.10899	0.10662	1.73E-04	4.67E-06	4.71E-06	3.63E-05	3.69E-05	1.59E-05	1.55E-05	2.5548E-04
606776.24	4201532.76	29980.77908	0.01832	0.0182	0.08844	0.09047	0.10916	0.10671	1.69E-04	4.60E-06	4.63E-06	3.60E-05	3.67E-05	1.59E-05	1.56E-05	2.5062E-04
606777.77	4201572.87	28284.26614	0.01823	0.0181	0.09019	0.09215	0.10895	0.10635	1.59E-04	4.58E-06	4.61E-06	3.67E-05	3.74E-05	1.59E-05	1.55E-05	2.4242E-04
606781.11	4201450.46	33641.92783	0.01957	0.01953	0.08984	0.09172	0.10565	0.10365	1.89E-04	4.91E-06	4.97E-06	3.66E-05	3.72E-05	1.54E-05	1.51E-05	2.7294E-04
606781.63	4201550.27	29117.54833	0.01852	0.0184	0.09031	0.09236	0.1082	0.10571	1.64E-04	4.65E-06	4.68E-06	3.68E-05	3.75E-05	1.58E-05	1.54E-05	2.4739E-04
606784.71	4201619.32	26538.87977	0.01774	0.01762	0.08868	0.0909	0.10738	0.10467	1.49E-04	4.46E-06	4.48E-06	3.61E-05	3.69E-05	1.57E-05	1.53E-05	2.3123E-04
606788.27	4201705.57	23503.88587	0.01526	0.01532	0.08129	0.08342	0.10469	0.10182	1.32E-04	3.83E-06	3.90E-06	3.31E-05	3.38E-05	1.53E-05	1.48E-05	2.0691E-04
606796.31	4201667.36	24832.75102	0.0168	0.0168	0.08589	0.08817	0.10463	0.10185	1.40E-04	4.22E-06	4.27E-06	3.50E-05	3.58E-05	1.53E-05	1.48E-05	2.1895E-04
606800	4201757.78	21322.82338	0.01253	0.01266	0.07786	0.07992	0.09896	0.09629	1.20E-04	3.15E-06	3.22E-06	3.17E-05	3.24E-05	1.45E-05	1.40E-05	1.9046E-04
606800.7	4201451.51	33079.23715	0.02041	0.02034	0.09344	0.09542	0.10243	0.10049	1.86E-04	5.13E-06	5.17E-06	3.81E-05	3.87E-05	1.50E-05	1.46E-05	2.7316E-04
606805.3	4201504.85	30338.84366	0.02039	0.02027	0.09626	0.09848	0.10278	0.10061	1.71E-04	5.12E-06	5.16E-06	3.92E-05	3.99E-05	1.50E-05	1.47E-05	2.6011E-04
606806.99	4201621.74	26115.78092	0.01843	0.01835	0.09211	0.09451	0.10315	0.10058	1.47E-04	4.63E-06	4.67E-06	3.75E-05	3.83E-05	1.51E-05	1.47E-05	2.3207E-04
606808.1	4201568.11	27890.76166	0.0196	0.01948	0.09624	0.09848	0.10322	0.10081	1.57E-04	4.92E-06	4.96E-06	3.92E-05	3.99E-05	1.51E-05	1.47E-05	2.4593E-04
606815.75	4201713.62	22866.74109	0.01522	0.01534	0.08487	0.08717	0.09914	0.09649	1.29E-04	3.82E-06	3.90E-06	3.46E-05	3.54E-05	1.45E-05	1.41E-05	2.0630E-04
606818.19	4201452.56	32565.68563	0.02123	0.02115	0.0969	0.09899	0.09966	0.09777	1.83E-04	5.33E-06	5.38E-06	3.95E-05	4.02E-05	1.46E-05	1.43E-05	2.7354E-04
606818.4	4201543.59	28574.4548	0.02051	0.0204	0.09873	0.10106	0.10124	0.09897	1.61E-04	5.15E-06	5.19E-06	4.02E-05	4.10E-05	1.48E-05	1.44E-05	2.5230E-04
606820.45	4201672.06	24358.70971	0.01715	0.01722	0.08953	0.09198	0.10004	0.09739	1.37E-04	4.31E-06	4.38E-06	3.65E-05	3.73E-05	1.46E-05	1.42E-05	2.1950E-04
606822.76	4201767.46	20826.32317	0.01251	0.01257	0.08146	0.0837	0.09432	0.09183	1.17E-04	3.14E-06	3.20E-06	3.32E-05	3.40E-05	1.38E-05	1.34E-05	1.9064E-04
606823.52	4201500.3	30097.86887	0.02134	0.02122	0.10016	0.10247	0.09957	0.0975	1.69E-04	5.36E-06	5.40E-06	4.08E-05	4.16E-05	1.45E-05	1.42E-05	2.6244E-04
606827.42	4201586.84	26908.08073	0.01998	0.01991	0.099	0.10153	0.09982	0.09746	1.51E-04	5.02E-06	5.07E-06	4.03E-05	4.12E-05	1.46E-05	1.42E-05	2.4297E-04
606829.21	4201623.71	25708.58017	0.01905	0.01903	0.09568	0.09827	0.09924	0.0968	1.45E-04	4.78E-06	4.84E-06	3.90E-05	3.99E-05	1.45E-05	1.41E-05	2.3309E-04
606836.03	4201452.56	32091.29997	0.02215	0.02204	0.1006	0.10286	0.0969	0.09506	1.81E-04	5.56E-06	5.61E-06	4.10E-05	4.17E-05	1.42E-05	1.39E-05	2.7441E-04
606838.55	4201678.09	23889.48278	0.01726	0.01738	0.09249	0.09507	0.09666	0.09415	1.34E-04	4.33E-06	4.42E-06	3.77E-05	3.86E-05	1.41E-05	1.37E-05	2.1939E-04
606839.22	4201718.98	22426.41475	0.01533	0.01546	0.08889	0.09137	0.0948	0.0923	1.26E-04	3.85E-06	3.93E-06	3.62E-05	3.71E-05	1.38E-05	1.35E-05	2.0722E-04
606840.61	4201535.61	28407.77333	0.02169	0.02159	0.10369	0.10628	0.09744	0.0953	1.60E-04	5.45E-06	5.49E-06	4.22E-05	4.31E-05	1.42E-05	1.39E-05	2.5610E-04
606848.02	4201501.43	29484.36125	0.02261	0.02249	0.10582	0.10834	0.09567	0.09369	1.66E-04	5.68E-06	5.72E-06	4.31E-05	4.39E-05	1.40E-05	1.37E-05	2.6432E-04
606848.84	4201591.3	26395.71347	0.02064	0.02062	0.10272	0.10548	0.09623	0.09397	1.48E-04	5.18E-06	5.25E-06	4.18E-05	4.28E-05	1.41E-05	1.37E-05	2.4355E-04
606849.73	4201627.88	25258.78555	0.01946	0.01951	0.09904	0.10181	0.09583	0.0935	1.42E-04	4.89E-06	4.96E-06	4.03E-05	4.13E-05	1.40E-05	1.36E-05	2.3359E-04
606852.3	4201771.34	20460.62335	0.01303	0.013	0.0869	0.08937	0.08934	0.08704	1.15E-04	3.27E-06	3.31E-06	3.54E-05	3.63E-05	1.30E-05	1.27E-05	1.9333E-04
606854.57	4201452.21	31602.59452	0.02321	0.02309	0.10489	0.10726	0.0941	0.09233	1.78E-04	5.83E-06	5.87E-06	4.27E-05	4.35E-05	1.37E-05	1.35E-05	2.7572E-04
606859.41	4201535.04	28041.14538	0.02261	0.02254	0.10807	0.11089	0.09446	0.09241	1.58E-04	5.68E-06	5.73E-06	4.40E-05	4.50E-05	1.38E-05	1.35E-05	2.5816E-04
606861.34	4201681.44	23492.36351	0.01763	0.01778	0.09735	0.10014	0.09274	0.09035	1.32E-04	4.43E-06	4.52E-06	3.97E-05	4.06E-05	1.35E-05	1.32E-05	2.2139E-04
606866.7	4201722.33	22006.91273	0.01571	0.01579	0.09424	0.09694	0.09019	0.08788	1.24E-04	3.95E-06	4.02E-06	3.84E-05	3.93E-05	1.32E-05	1.28E-05	2.0948E-04
606867.39	4201504.28	28929.8236	0.02362	0.02351	0.11068	0.1134	0.09278	0.09086	1.63E-04	5.93E-06	5.98E-06	4.51E-05	4.60E-05	1.35E-05	1.32E-05	2.6575E-04
606867.57	4201584.76	26274.56766	0.02147	0.02149	0.10694	0.10989	0.09331	0.09116	1.48E-04	5.39E-06	5.47E-06	4.36E-05	4.46E-05	1.36E-05	1.33E-05	2.4681E-04
606873.22	4201634.72	24680.62652	0.01983	0.01996	0.10371	0.1067	0.09199	0.08978	1.39E-04	4.98E-06	5.08E-06	4.22E-05	4.33E-05	1.34E-05	1.31E-05	2.3443E-04
606875.9	4201452.56	30970.93362	0.02472	0.02459	0.11081	0.11344	0.09096	0.08926	1.74E-04	6.21E-06	6.26E-06	4.51E-05	4.60E-05	1.33E-05	1.30E-05	2.7785E-04
606876.03	4201770.85	20272.90341	0.01367	0.01364	0.09188	0.09454	0.08585	0.08369	1.14E-04	3.43E-06	3.47E-06	3.74E-05	3.84E-05	1.25E-05	1.22E-05	1.9673E-04
606876.75	4201686.8	23144.7058	0.01785	0.018	0.10108	0.10402	0.09009	0.08779	1.30E-04	4.48E-06	4.58E-06	4.12E-05	4.22E-05	1.32E-05	1.28E-05	2.2263E-04
606879.35	4201540.17	27475.10609	0.02337	0.02333	0.11258	0.11551	0.09153	0.08954	1.55E-04	5.87E-06	5.94E-06	4.59E-05	4.69E-05	1.34E-05	1.31E-05	2.5908E-04
606884.47	4201502.57	28595.44391	0.0246	0.02452	0.11529	0.11818	0.09025	0.08841	1.61E-04	6.18E-06	6.24E-06	4.70E-05	4.79E-05	1.32E-05	1.29E-05	2.6818E-04
606889.49	4201720.32	21829.26365	0.01642	0.01649	0.09988	0.1028	0.08683	0.08465	1.23E-04	4.12E-06	4.20E-06	4.07E-05	4.17E-05	1.27E-05	1.23E-05	2.1351E-04
606891.36	4201599.33	25409.79354	0.02174	0.02186	0.11094	0.11416	0.08956	0.08749	1.43E-04	5.46E-06	5.56E-06	4.52E-05	4.63E-05	1.31E-05	1.28E-05	2.4547E-04
606892.25	4201637.1	24289.92793	0.02046	0.02064	0.11009	0.11336	0.08877	0.08665	1.37E-04	5.14E-06	5.25E-06	4.48E-05	4.60E-05	1.30E-05	1.26E-05	2.3786E-04
606892.34	4201453.96	30414.40102	0.02597	0.02586	0.11619	0.11897	0.08861	0.08695	1.71E-04	6.52E-06	6.58E-06	4.73E-05	4.83E-05	1.29E-05	1.27E-05	2.7979E-04
606897.31	4201583.27	25790.62322	0.02247	0.02259	0.11325	0.11652	0.08889	0.08688	1.45E-04	5.64E-06	5.75E-06	4.61E-05	4.73E-05	1.30E-05	1.27E-05	2.4988E-04
606898.2	4201691.5	22746.15549	0.01839	0.01855	0.10748	0.1107	0.08664	0.08448	1.28E-04	4.62E-06	4.72E-06	4.38E-05	4.49E-05	1.27E-05	1.23E-05	2.2598E-04
606900.73	4201772.79	20037.47523	0.01432	0.01439	0.0979	0.10078	0.08235	0.08032	1.13E-04	3.60E-06	3.66E-06	3.99E-05	4.09E-05	1.20E-05	1.17E-05	2.0074E-04
606902.13	4201544.16	26910.18408	0.02408	0.02411	0.11749	0.12066	0.08833	0.08643	1.51E-04	6.05E-06	6.13E-06	4.79E-05	4.89E-05	1.29E-05	1.26E-05	2.6037E-04
606905.55	4201522.51	27486.97593	0.02523	0.02525	0.12061	0.12391	0.08763	0.08579	1.55E-04	6.34E-06	6.42E-06	4.91E-05	5.03E-05	1.28E-05	1.25E-05	2.6678E-04
606912.96	4201504.85	27856.36798	0.02615	0.02615	0.12379	0.12704	0.08633	0.08457	1.57E-04	6.57E-06	6.65E-06	5.04E-05	5.15E-05	1.26E-05	1.23E-05	2.7189E-04
606914.38	4201456.76	29642.42993	0.02748	0.02739	0.12366	0.12672	0.0856	0.084	1.67E-04	6.90E-06	6.97E-06	5.04E-05	5.14E-05	1.25E-05	1.22E-05	2.8240E-04
606922.34	4201725.01	21273.94017	0.01687	0.01701	0.10714	0.11035	0.082	0.07999	1.20E-04	4.24E-06	4.33E-06	4.36E-05	4.48E-05	1.20E-05	1.17E-05	2.1665E-04
606923.68	4201691.5	22388.33396	0.01911	0.01933	0.11582	0.11943	0.08298	0.08096	1.26E-04	4.80E-06	4.92E-06	4.72E-05	4.84E-05	1.21E-05	1.18E-05	2.3129E-04
606925.43	4201770.37	19903.89777	0.01485	0.01508	0.10454	0.10767	0.07929	0.07737	1.12E-04	3.73E-06	3.84E-06	4.26E-05	4.37E-05	1.16E-05	1.13E-05	2.0580E-04
606932.92	4201460.96	28957.22728	0.02863	0.0286	0.13014	0.13348	0.08324	0.08168	1.63E-04	7.19E-06	7.28E-06	5.30E-05	5.41E-05	1.22E-05	1.19E-05	2.8453E-04
606935.74	4201641.22	23412.55201	0.02184	0.02215	0.12855	0.13266	0.08227	0.08036	1.32E-04	5.48E-06	5.64E-06	5.24E-05	5.38E-05	1.20E-05	1.17E-05	2.4901E-04
606940.44	4201723.67	21117.19786	0.01731	0.01755	0.11262	0.11609	0.07967	0.07775	1.19E-04	4.35E-06	4.47E-06	4.59E-05	4.71E-05	1.16E-05	1.13E-05	2.2057E-04
606941.11	4201611.06	24141.95868	0.02307	0.02338	0.12955	0.13369	0.08224	0.08038	1.36E-04	5.79E-06	5.95E-06	5.28E-05	5.42E-05	1.20E-05	1.17E-05	2.5456E-04
606942.45	4201591.62	24683.97666	0.02372	0.02401	0.12828	0.13234	0.08246	0.08063	1.39E-04	5.96E-06	6.11E-06	5.23E-05	5.37E-05	1.20E-05	1.18E-05	2.5686E-04
606947.14	4201691.5	22058.0797	0.01957	0.01988	0.12339	0.12741	0.07986	0.07793	1.24E-04	4.91E-06	5.06E-06	5.03E-05	5.17E-05	1.17E-05	1.14E-05	2.3601E-04
606947.26	4201548.33	25885.06577	0.02549	0.02572	0.12883	0.13277	0.08234	0.0806	1.46E-04	6.40E-06	6.54E-06	5.25E-05	5.39E-05	1.20E-05	1.17E-05	2.6490E-04
606948.68	4201774.24	19653.77831	0.01503	0.01541	0.11206	0.11554	0.07631	0.07449	1.11E-04	3.77E-06	3.92E-06	4.56E-05	4.69E-05	1.11E-05	1.09E-05	2.1077E-04
606951.81	4201517.55	26653.65836	0.02766	0.02786	0.13548	0.13944	0.08159	0.07993	1.50E-04	6.95E-06	7.09E-06	5.52E-05	5.66E-05	1.19E-05	1.17E-05	2.7573E-04
606952.5	4201465.5	28266.06458	0.02979	0.02984	0.13756	0.14123	0.08087	0.07934	1.59E-04	7.48E-06	7.59E-06	5.60E-05	5.73E-05	1.18E-05	1.16E-05	2.8741E-04
606957.19	4201638.54	23137.27421	0.02236	0.02273	0.13595	0.1405	0.07956	0.07774	1.30E-04	5.62E-06	5.78E-06	5.54E-05	5.70E-05	1.16E-05	1.13E-05	2.5393E-04
606965.8	4201551.48	25414.22047	0.02597	0.02629	0.13496	0.13925	0.08	0.07831	1.43E-04	6.52E-06	6.69E-06	5.50E-05	5.65E-05	1.17E-05	1.14E-05	2.6764E-04
606967.25	4201725.68	20739.67528	0.01741	0.01782	0.12065	0.12455	0.07625	0.07445	1.17E-04	4.37E-06	4.53E-06	4.91E-05	5.05E-05	1.11E-05	1.09E-05	2.2525E-04
606969.26	4201597.65	24014.11066	0.02426	0.02465	0.13912	0.14379	0.07891	0.07718	1.35E-04	6.09E-06	6.27E-06	5.67E-05	5.83E-05	1.15E-05	1.12E-05	2.6245E-04
606970	4201519.99	26217.1469	0.02805	0.02834	0.14103	0.14512	0.07947	0.07786	1.47E-04	7.04E-06	7.21E-06	5.74E-05	5.89E-05	1.16E-05	1.13E-05	2.7806E-04
606973.28	4201692.84	21656.59442	0.01986	0.02027	0.13269	0.13725	0.07654	0.07473	1.22E-04	4.99E-06	5.16E-06	5.40E-05	5.57E-05	1.12E-05	1.09E-05	2.4170E-04
606974.19	4201467.6	27634.71767	0.03111	0.03128	0.14665	0.15078	0.07833	0.07686	1.55E-04	7.81E-06	7.96E-06	5.97E-05	6.12E-05	1.14E-05	1.12E-05	2.9213E-04
606981.54	4201556.73	24946.95992	0.02619	0.0266	0.14063	0.14526	0.07805	0.07641	1.40E-04	6.58E-06	6.77E-06	5.73E-05	5.89E-05	1.14E-05	1.11E-05	2.6989E-04
606983.34	4201639.21	22699.42175	0.0228	0.02322	0.14597	0.15117	0.07635	0.07464	1.28E-04	5.73E-06	5.91E-06	5.95E-05	6.13E-05	1.11E-05	1.09E-05	2.6011E-04
606986.02	4201605.69	23494.70618	0.02433	0.02478	0.14672	0.15184	0.07673	0.07505	1.32E-04	6.11E-06	6.30E-06	5.98E-05	6.16E-05	1.12E-05	1.09E-05	2.6594E-04
606989.24	4201523.49	25711.63348	0.02847	0.02888	0.14777	0.15247	0.07724	0.07568	1.45E-04	7.15E-06	7.35E-06	6.02E-05	6.18E-05	1.13E-05	1.10E-05	2.8118E-04
606994.48	4201473.2	26916.67871	0.03202	0.03234	0.15625	0.16081	0.07602	0.07459	1.51E-04	8.04E-06	8.23E-06	6.36E-05	6.52E-05	1.11E-05	1.09E-05	2.9657E-04
606994.73	4201727.69	20344.68383	0.01722	0.0177	0.12976	0.13418	0.07297	0.07129	1.14E-04	4.32E-06	4.50E-06	5.29E-05	5.44E-05	1.07E-05	1.04E-05	2.3056E-04
606995.17	4201774.24	19251.00947	0.01507	0.01545	0.12866	0.133	0.07106	0.06944	1.08E-04	3.78E-06	3.93E-06	5.24E-05	5.40E-05	1.04E-05	1.01E-05	2.2237E-04
606999.43	4201694.18	21257.24953	0.01996	0.02044	0.14285	0.14806	0.07343	0.07174	1.20E-04	5.01E-06	5.20E-06	5.82E-05	6.01E-05	1.07E-05	1.05E-05	2.4805E-04
607000.43	4201559.18	24512.06612	0.0265	0.027	0.14717	0.15228	0.07585	0.07427	1.38E-04	6.66E-06	6.87E-06	5.99E-05	6.18E-05	1.11E-05	1.08E-05	2.7314E-04
607006.13	4201605.69	23132.04837	0.02481	0.0253	0.15648	0.1622	0.07438	0.07277	1.30E-04	6.23E-06	6.44E-06	6.37E-05	6.58E-05	1.09E-05	1.06E-05	2.7233E-04
607006.8	4201642.56	22243.26709	0.02304	0.0235	0.15618	0.16208	0.07357	0.07194	1.25E-04	5.79E-06	5.98E-06	6.36E-05	6.57E-05	1.07E-05	1.05E-05	2.6626E-04
607008.48	4201525.94	25233.71519	0.02895	0.02946	0.15601	0.1612	0.07507	0.07357	1.42E-04	7.27E-06	7.50E-06	6.35E-05	6.54E-05	1.10E-05	1.07E-05	2.8566E-04
607012.32	4201474.6	26453.41698	0.03295	0.03341	0.16568	0.1708	0.07412	0.07273	1.49E-04	8.28E-06	8.50E-06	6.75E-05	6.93E-05	1.08E-05	1.06E-05	3.0236E-04

607016.85	4201734.4	19909.35037	0.01679	0.0172	0.13781	0.14271	0.0703	0.06871	1.12E-04	4.22E-06	4.38E-06	5.61E-05	5.79E-05	1.03E-05	1.00E-05	2.3462E-04
607018.28	4201564.42	24023.24543	0.02662	0.0272	0.1551	0.16075	0.07379	0.07226	1.35E-04	6.69E-06	6.92E-06	6.32E-05	6.52E-05	1.08E-05	1.05E-05	2.7714E-04
607019.38	4201778.6	18963.8138	0.01516	0.01542	0.13973	0.1447	0.06838	0.06685	1.07E-04	3.81E-06	3.92E-06	5.69E-05	5.87E-05	9.99E-06	9.74E-06	2.3003E-04
607022.22	4201611.73	22660.04011	0.02514	0.02567	0.1689	0.17517	0.07237	0.07081	1.27E-04	6.31E-06	6.53E-06	6.88E-05	7.11E-05	1.06E-05	1.03E-05	2.8018E-04
607024.22	4201530.14	24787.89158	0.02915	0.02975	0.16334	0.16907	0.07334	0.07188	1.39E-04	7.32E-06	7.57E-06	6.65E-05	6.86E-05	1.07E-05	1.05E-05	2.8945E-04
607024.23	4201700.21	20785.38622	0.01968	0.02015	0.15255	0.15841	0.07055	0.06896	1.17E-04	4.94E-06	5.13E-06	6.21E-05	6.43E-05	1.03E-05	1.01E-05	2.5340E-04
607026.25	4202541.14	9166.97242	0.00835	0.00839	1.18461	1.42918	0.03902	0.03834	5.16E-05	2.10E-06	2.13E-06	4.83E-04	5.80E-04	5.70E-06	5.59E-06	1.1181E-03
607027.58	4201648.59	21783.95201	0.02304	0.0235	0.16542	0.17204	0.07118	0.06962	1.23E-04	5.79E-06	5.98E-06	6.74E-05	6.98E-05	1.04E-05	1.01E-05	2.7148E-04
607027.66	4202519.84	9359.41303	0.00854	0.00858	1.11494	1.37262	0.03972	0.03902	5.27E-05	2.14E-06	2.18E-06	4.54E-04	5.57E-04	5.80E-06	5.69E-06	1.0679E-03
607028.76	4201479.84	25912.33368	0.03345	0.03405	0.17529	0.18093	0.07244	0.07108	1.46E-04	8.40E-06	8.66E-06	7.14E-05	7.34E-05	1.06E-05	1.04E-05	3.0763E-04
607029.94	4202561.66	8983.86187	0.00821	0.00825	1.31202	1.62804	0.03818	0.03752	5.05E-05	2.06E-06	2.10E-06	5.34E-04	6.60E-04	5.58E-06	5.47E-06	1.2495E-03
607034.05	4202579.72	8832.25173	0.00811	0.00814	1.41626	1.83886	0.03744	0.0368	4.97E-05	2.04E-06	2.07E-06	5.77E-04	7.46E-04	5.47E-06	5.36E-06	1.3766E-03
607037.52	4201565.47	23630.0455	0.02687	0.02753	0.16412	0.17039	0.07171	0.07024	1.33E-04	6.75E-06	7.00E-06	6.68E-05	6.91E-05	1.05E-05	1.02E-05	2.8265E-04
607039.63	4202508.96	9456.11046	0.00872	0.00876	1.28314	1.68238	0.03968	0.03898	5.32E-05	2.19E-06	2.23E-06	5.23E-04	6.82E-04	5.79E-06	5.68E-06	1.2627E-03
607040.32	4201615.75	22197.25369	0.02541	0.02597	0.18359	0.19094	0.07022	0.06872	1.25E-04	6.38E-06	6.61E-06	7.48E-05	7.75E-05	1.03E-05	1.00E-05	2.9010E-04
607040.61	4202600.65	8663.95735	0.008	0.00804	1.57615	2.16727	0.03655	0.03594	4.87E-05	2.01E-06	2.05E-06	6.42E-04	8.79E-04	5.34E-06	5.24E-06	1.5739E-03
607042.07	4201533.29	24327.52552	0.02953	0.0302	0.17372	0.18005	0.07142	0.07001	1.37E-04	7.42E-06	7.68E-06	7.08E-05	7.30E-05	1.04E-05	1.02E-05	2.9575E-04
607044.32	4202654.11	8283.32748	0.0077	0.00774	1.17884	1.65085	0.03481	0.03425	4.66E-05	1.93E-06	1.97E-06	4.80E-04	6.70E-04	5.08E-06	4.99E-06	1.2003E-03
607044.34	4201706.91	20376.39771	0.01935	0.01973	0.16075	0.16718	0.06828	0.06676	1.15E-04	4.86E-06	5.02E-06	6.55E-05	6.78E-05	9.97E-06	9.73E-06	2.5780E-04
607044.34	4201729.71	19708.35675	0.01726	0.01755	0.15117	0.15692	0.06764	0.06613	1.11E-04	4.33E-06	4.47E-06	6.16E-05	6.37E-05	9.88E-06	9.64E-06	2.4490E-04
607044.57	4201783.93	18635.47364	0.01535	0.0155	0.15256	0.1583	0.06572	0.06427	1.05E-04	3.86E-06	3.94E-06	6.21E-05	6.42E-05	9.60E-06	9.37E-06	2.3899E-04
607047.25	4202491.54	9620.86109	0.00894	0.00898	1.29143	1.75739	0.04002	0.0393	5.41E-05	2.25E-06	2.28E-06	5.26E-04	7.13E-04	5.84E-06	5.73E-06	1.2976E-03
607048.02	4202674.63	8144.68863	0.00761	0.00764	0.99094	1.42595	0.03409	0.03356	4.58E-05	1.91E-06	1.94E-06	4.04E-04	5.78E-04	4.98E-06	4.89E-06	1.0317E-03
607050.37	4201654.63	21302.94256	0.02306	0.0235	0.17724	0.18477	0.06868	0.06719	1.20E-04	5.79E-06	5.98E-06	7.22E-05	7.50E-05	1.00E-05	9.79E-06	2.7876E-04
607052.12	4202692.69	8024.78635	0.00753	0.00756	0.80743	1.1978	0.03345	0.03293	4.51E-05	1.89E-06	1.92E-06	3.29E-04	4.86E-04	4.88E-06	4.80E-06	8.6372E-04
607053.24	4201471.1	25612.64482	0.03528	0.03607	0.19217	0.19873	0.06998	0.0687	1.44E-04	8.86E-06	9.18E-06	7.83E-05	8.06E-05	1.02E-05	1.00E-05	3.2101E-04
607054.99	4201488.59	25077.08157	0.03397	0.03477	0.19273	0.19948	0.06984	0.06853	1.41E-04	8.53E-06	8.85E-06	7.85E-05	8.09E-05	1.02E-05	9.99E-06	3.1787E-04
607055.01	4201570.37	23170.24096	0.02696	0.02766	0.17491	0.18193	0.06982	0.0684	1.30E-04	6.77E-06	7.04E-06	7.12E-05	7.38E-05	1.02E-05	9.97E-06	2.8920E-04
607055.96	4202475.22	9780.61127	0.00916	0.0092	1.32754	1.84232	0.04027	0.03955	5.50E-05	2.30E-06	2.34E-06	5.41E-04	7.47E-04	5.88E-06	5.76E-06	1.3477E-03
607057.74	4201619.77	21779.44889	0.02555	0.02608	0.19715	0.20532	0.06828	0.06684	1.23E-04	6.42E-06	6.64E-06	8.03E-05	8.33E-05	9.97E-06	9.74E-06	2.9917E-04
607058.69	4202713.61	7889.2247	0.00745	0.00748	0.61933	0.92444	0.03267	0.03217	4.44E-05	1.87E-06	1.90E-06	2.52E-04	3.75E-04	4.77E-06	4.69E-06	6.7542E-04
607058.84	4201453.26	26023.05064	0.03709	0.03791	0.19744	0.20418	0.06941	0.06817	1.46E-04	9.31E-06	9.65E-06	8.04E-05	8.28E-05	1.01E-05	9.94E-06	3.2860E-04
607061.31	4201537.14	23832.32234	0.02988	0.03059	0.18621	0.19337	0.06943	0.06806	1.34E-04	7.50E-06	7.78E-06	7.58E-05	7.84E-05	1.01E-05	9.92E-06	3.0365E-04
607067.8	4201707.58	20037.02578	0.01977	0.02006	0.17576	0.1833	0.06592	0.06446	1.13E-04	4.97E-06	5.10E-06	7.16E-05	7.44E-05	9.63E-06	9.40E-06	2.6874E-04
607070.72	4201786.83	18346.1944	0.01579	0.0159	0.16803	0.1748	0.0632	0.06184	1.03E-04	3.97E-06	4.05E-06	6.84E-05	7.09E-05	9.23E-06	9.01E-06	2.5057E-04
607071.8	4201574.57	22739.71299	0.02755	0.02818	0.18881	0.19677	0.06804	0.06666	1.28E-04	6.92E-06	7.17E-06	7.69E-05	7.98E-05	9.94E-06	9.72E-06	2.9874E-04
607073.16	4201742.44	19153.10517	0.01738	0.01754	0.16829	0.17519	0.06444	0.06304	1.08E-04	4.36E-06	4.46E-06	6.85E-05	7.11E-05	9.41E-06	9.19E-06	2.5619E-04
607076.51	4201655.3	20875.00325	0.02366	0.02411	0.19624	0.20527	0.06606	0.06465	1.17E-04	5.94E-06	6.13E-06	7.99E-05	8.33E-05	9.65E-06	9.42E-06	2.9271E-04
607078.53	4201622.45	21380.0178	0.02591	0.02641	0.21295	0.22243	0.0662	0.06481	1.20E-04	6.51E-06	6.72E-06	8.67E-05	9.02E-05	9.67E-06	9.45E-06	3.1047E-04
607078.8	4201540.99	23381.15748	0.03021	0.03094	0.19951	0.20759	0.06767	0.06634	1.32E-04	7.59E-06	7.87E-06	8.13E-05	8.42E-05	9.88E-06	9.67E-06	3.1247E-04
607079.65	4202427.69	10277.16172	0.0096	0.00964	1.11107	1.55236	0.04107	0.04033	5.78E-05	2.41E-06	2.45E-06	4.53E-04	6.30E-04	6.00E-06	5.88E-06	1.1449E-03
607081.85	4201948.62	15708.45732	0.01559	0.01571	0.2593	0.27479	0.0563	0.05509	8.84E-05	3.92E-06	4.00E-06	1.06E-04	1.11E-04	8.22E-06	8.03E-06	3.1337E-04
607081.85	4201998.62	15134.68762	0.01383	0.01392	0.24452	0.26162	0.05488	0.05372	8.51E-05	3.47E-06	3.54E-06	9.96E-05	1.06E-04	8.01E-06	7.83E-06	2.9788E-04
607081.85	4202048.62	14504.51533	0.01268	0.01276	0.23911	0.25636	0.05329	0.05219	8.16E-05	3.18E-06	3.25E-06	9.74E-05	1.04E-04	7.78E-06	7.61E-06	2.8941E-04
607081.85	4202098.62	13865.40632	0.01166	0.01172	0.23538	0.25116	0.0517	0.05064	7.80E-05	2.93E-06	2.98E-06	9.59E-05	1.02E-04	7.55E-06	7.38E-06	2.8167E-04
607081.85	4202148.62	13233.1815	0.01108	0.01115	0.25661	0.27388	0.04999	0.04898	7.44E-05	2.78E-06	2.84E-06	1.05E-04	1.11E-04	7.30E-06	7.14E-06	2.9568E-04
607081.85	4202198.62	12686.94269	0.01088	0.01095	0.31477	0.33806	0.04823	0.04727	7.14E-05	2.73E-06	2.79E-06	1.28E-04	1.37E-04	7.04E-06	6.89E-06	3.4223E-04
607081.85	4202248.62	12084.37317	0.01085	0.01091	0.41559	0.45098	0.04645	0.04554	6.80E-05	2.72E-06	2.78E-06	1.69E-04	1.83E-04	6.78E-06	6.64E-06	4.2570E-04
607081.85	4202298.62	11554.78826	0.01042	0.01048	0.52744	0.58547	0.04489	0.04403	6.50E-05	2.62E-06	2.67E-06	2.15E-04	2.37E-04	6.56E-06	6.42E-06	5.2262E-04
607081.85	4202348.62	11069.60453	0.00983	0.00989	0.66595	0.77575	0.04343	0.04262	6.23E-05	2.47E-06	2.52E-06	2.71E-04	3.15E-04	6.34E-06	6.21E-06	6.5319E-04
607081.85	4202398.62	10577.55425	0.00964	0.00969	0.87182	1.09768	0.04194	0.04118	5.95E-05	2.42E-06	2.47E-06	3.55E-04	4.45E-04	6.12E-06	6.00E-06	8.6477E-04
607081.85	4202448.62	10051.4465	0.00959	0.00963	1.52715	2.43834	0.04025	0.03954	5.65E-05	2.41E-06	2.45E-06	6.22E-04	9.89E-04	5.88E-06	5.76E-06	1.6725E-03
607081.85	4202498.62	9508.13327	0.00911	0.00915	3.63524	2.9109	0.03845	0.03778	5.35E-05	2.29E-06	2.33E-06	1.48E-03	1.18E-03	5.62E-06	5.51E-06	2.7196E-03
607081.85	4202548.62	9054.81032	0.00866	0.0087	2.38887	5.19998	0.03687	0.03625	5.09E-05	2.17E-06	2.21E-06	9.73E-04	2.11E-03	5.38E-06	5.28E-06	3.1377E-03
607081.85	4202598.62	8649.46015	0.00826	0.00829	3.58967	4.08429	0.03537	0.03479	4.87E-05	2.07E-06	2.11E-06	1.46E-03	1.66E-03	5.17E-06	5.07E-06	3.1717E-03
607081.85	4202648.62	8296.30369	0.00794	0.00797	4.11622	4.08095	0.03396	0.03342	4.67E-05	1.99E-06	2.03E-06	1.68E-03	1.66E-03	4.96E-06	4.87E-06	3.3827E-03
607081.85	4202698.62	7968.42964	0.00764	0.00767	1.59569	2.82675	0.03256	0.03206	4.48E-05	1.92E-06	1.95E-06	6.50E-04	1.15E-03	4.75E-06	4.67E-06	1.8453E-03
607081.85	4202748.62	7664.84944	0.00737	0.00739	0.48014	0.67828	0.03116	0.0307	4.31E-05	1.85E-06	1.88E-06	1.96E-04	2.75E-04	4.55E-06	4.47E-06	5.1756E-04
607088.6	4201577.72	22339.29397	0.0281	0.0287	0.20483	0.21384	0.06633	0.06499	1.26E-04	7.06E-06	7.30E-06	8.34E-05	8.67E-05	9.69E-06	9.47E-06	3.1021E-04
607090.34	4202416.33	10375.46428	0.00972	0.00977	1.18421	1.64053	0.04098	0.04025	5.84E-05	2.44E-06	2.49E-06	4.82E-04	6.65E-04	5.98E-06	5.87E-06	1.2111E-03
607092.51	4201790.71	18194.181	0.01685	0.01698	0.18996	0.19832	0.06117	0.05987	1.02E-04	4.23E-06	4.32E-06	7.74E-05	8.04E-05	8.93E-06	8.73E-06	2.6873E-04
607093.27	4201712.28	19603.49212	0.02009	0.02031	0.19293	0.20184	0.06339	0.06203	1.10E-04	5.05E-06	5.17E-06	7.86E-05	8.19E-05	9.26E-06	9.04E-06	2.8096E-04
607094.61	4201741.77	19024.95508	0.01834	0.0185	0.18677	0.19507	0.0625	0.06116	1.07E-04	4.61E-06	4.71E-06	7.61E-05	7.91E-05	9.13E-06	8.91E-06	2.7155E-04
607098.04	4201544.48	22907.65258	0.03078	0.0315	0.21762	0.22661	0.06578	0.0645	1.29E-04	7.73E-06	8.01E-06	8.86E-05	9.19E-05	9.61E-06	9.40E-06	3.2518E-04
607099.31	4201628.48	20937.88887	0.02621	0.02666	0.2304	0.24153	0.06418	0.06285	1.18E-04	6.58E-06	6.78E-06	9.38E-05	9.80E-05	9.37E-06	9.16E-06	3.2298E-04
607099.98	4201657.98	20453.1937	0.02422	0.02463	0.21696	0.22771	0.06378	0.06244	1.15E-04	6.08E-06	6.27E-06	8.84E-05	9.24E-05	9.31E-06	9.10E-06	3.0815E-04
607103.71	4202402.3	10493.86476	0.00988	0.00994	1.29551	1.78217	0.04085	0.04012	5.90E-05	2.48E-06	2.53E-06	5.28E-04	7.23E-04	5.97E-06	5.85E-06	1.3147E-03
607106.06	4201502.23	23623.15879	0.03484	0.03575	0.23715	0.24695	0.06503	0.06381	1.33E-04	8.75E-06	9.10E-06	9.66E-05	1.00E-04	9.50E-06	9.30E-06	3.4751E-04
607109.45	4201582.54	21823.38199	0.02889	0.02946	0.22887	0.23941	0.06424	0.06295	1.23E-04	7.26E-06	7.50E-06	9.32E-05	9.71E-05	9.38E-06	9.18E-06	3.2786E-04
607109.71	4201481.99	24031.71268	0.03677	0.03778	0.24319	0.25318	0.06471	0.06353	1.35E-04	9.23E-06	9.61E-06	9.91E-05	1.03E-04	9.45E-06	9.26E-06	3.5580E-04
607111.31	4201455.71	24709.83384	0.03953	0.04068	0.24876	0.2588	0.06463	0.06349	1.39E-04	9.93E-06	1.03E-05	1.01E-04	1.05E-04	9.44E-06	9.25E-06	3.6559E-04
607114.05	4201708.25	19383.46045	0.02107	0.02131	0.21369	0.22438	0.06155	0.06026	1.09E-04	5.29E-06	5.42E-06	8.70E-05	9.10E-05	8.99E-06	8.78E-06	2.9782E-04
607114.38	4201550.44	22449.11276	0.03112	0.0318	0.23421	0.24453	0.06421	0.06296	1.26E-04	7.82E-06	8.09E-06	9.54E-05	9.92E-05	9.38E-06	9.18E-06	3.3679E-04
607114.79	4201795.07	17903.89732	0.01821	0.01838	0.22378	0.2349	0.05907	0.05783	1.01E-04	4.57E-06	4.68E-06	9.11E-05	9.53E-05	8.63E-06	8.43E-06	2.9641E-04
607116.06	4201742.44	18781.42644	0.01939	0.01957	0.21023	0.2205	0.06058	0.0593	1.06E-04	4.87E-06	4.98E-06	8.56E-05	8.94E-05	8.85E-06	8.64E-06	2.9058E-04
607116.4	4202391.6	10575.08654	0.01005	0.01011	1.48639	2.09629	0.04062	0.0399	5.95E-05	2.52E-06	2.57E-06	6.05E-04	8.50E-04	5.93E-06	5.82E-06	1.5204E-03
607118.75	4201626.47	20671.54855	0.02697	0.02741	0.24968	0.2625	0.06248	0.06121	1.16E-04	6.77E-06	6.97E-06	1.02E-04	1.06E-04	9.12E-06	8.92E-06	3.3822E-04
607121.43	4201658.65	20095.34284	0.02509	0.02547	0.24264	0.25575	0.0618	0.06053	1.13E-04	6.30E-06	6.48E-06	9.88E-05	1.04E-04	9.02E-06	8.82E-06	3.2841E-04
607125.91	4201581.72	21538.59819	0.02974	0.03032	0.24821	0.26041	0.06275	0.06151	1.21E-04	7.47E-06	7.71E-06	1.01E-04	1.06E-04	9.16E-06	8.97E-06	3.4309E-04
607128.43	4202382.25	10641.85935	0.01022	0.01028	1.73611	2.48733	0.04037	0.03965	5.99E-05	2.57E-06	2.62E-06	7.07E-04	1.01E-03	5.90E-06	5.78E-06	1.7812E-03
607130.44	4202366.21	10792.34785	0.01033	0.01038	1.49925	2.00942	0.04072	0.03999	6.07E-05	2.59E-06	2.64E-06	6.11E-04	8.15E-04	5.95E-06	5.83E-06	1.4917E-03
607131.69	4202533.61	9117.86877	0.00909	0.00913	3.00831	2.43831	0.03563	0.03504	5.13E-05	2.28E-06	2.32E-06	1.23E-03	9.89E-04	5.20E-06	5.11E-06	2.2703E-03
607131.85	4201948.62	15423.22921	0.01603	0.01617	0.30932	0.33101	0.05294	0.05186	8.68E-05	4.03E-06	4.11E-06	1.26E-04	1.34E-04	7.73E-06	7.56E-06	3.5517E-04
607131.85	4201998.62	14824.91474	0.01451	0.01463	0.30165	0.32673	0.0515	0.05046	8.34E-05	3.64E-06	3.72E-06	1.23E-04	1.33E-04	7.52E-06	7.35E-06	3.4617E-04
607131.85	4202048.62	14224.65973	0.01348	0.01359	0.29851	0.32489	0.05006	0.04906	8.00E-05	3.39E-06	3.46E-06	1.22E-04	1.32E-04	7.31E-06	7.15E-06	3.4024E-04
607131.85	4202098.62	13638.60562	0.01262	0.01273	0.3037	0.32881	0.04857	0.04761	7.67E-05	3.17E-06	3.24E-06	1.24E-04	1.33E-04	7.09E-06	6.94E-06	3.4022E-04
607131.85	4202148.62	13062.88289	0.01201	0.01211	0.33719	0.36456	0.04702	0.0461	7.35E-05	3.02E-06	3.08E-06	1.37E-04	1.48E-04	6.87E-06	6.72E-06	3.6481E-04
607131.85	4202198.62	12468.04071	0.01192	0.01199	0.44637	0.48997	0.04532	0.04445	7.01E-05	2.99E-06	3.05E-06	1.82E-04	1.99E-04	6.62E-06	6.48E-06	4.5675E-04
607131.85	4202248.62	11865.59987	0.01183	0.01191	0.5938	0.65391	0.04367	0.04284	6.68E-05	2.97E-06	3.03E-06	2.42E-04	2.65E-04	6.38E-06	6.24E-06	5.7987E-04
607131.85	4202298.62	11427.49651	0.01099	0.01106	0.82549	0.94209	0.04245	0.04166	6.43E-05	2.76E-06	2.81E-06	3.36E-04	3.82E-04	6.20E-06	6.07E-06	7.8825E-04
607131.85	4202348.62	10960.94065	0.01034	0.01039	1.26227	1.60444	0.04114	0.0404	6.17E-05	2.60E-06	2.64E-06	5.14E-04	6.51E-04	6.01E-06	5.89E-06	1.2319E-03
607131.85	4202398.62	10459.52298	0.01026	0.01031	2.65785	4.3951	0.03972	0.03902	5.88E-05	2.58E-06	2.62E-06	1.08E-03	1.78E-03	5.80E-06	5.69E-06	2.9295E-03
607131.85	4202448.62	9910.57099	0.00996	0.01001	4.03909	4.95792	0.03809	0.03743	5.58E-05	2.50E-06	2.55E-06	1.65E-03	2.01E-03	5.56E-06	5.46E-06	3.7171E-03
607131.85	4202498.62	9416.5316	0.00941	0.00946	3.77593	2.82159	0.03658	0.03596	5.30E-05	2.36E-06	2.41E-06	1.54E-03	1.14E-03	5.34E-06	5.24E-06	2.7403E-03
607131.85	4202548.62	8992.69137	0.00895	0.009	2.80972	2.35528	0.03521	0.03464	5.06E-05	2.25E-06	2.29E-06	1.14E-03	9.55E-04	5.14E-06	5.05E-06	2.1550E-03
607131.85	4202598.62	8605.87108	0.00855	0.00859	2.90125	2.36509	0.0339	0.03336	4.84E-05	2.15E-06	2.19E-06	1.18E-03	9.59E-04	4.95E-06	4.86E-06	2.1939E-03
607131.85	4202648.62	8261.86286	0.00821	0.00824	3.99737	2.98263	0.03265	0.03215	4.65E-05	2.06E-06	2.10E-06	1.63E-03	1.21E-03	4.77E-06	4.69E-06	2.8887E-03
607131.85	4202698.62	7938.07918	0.00789	0.00792	5.09593	4.60396	0.0314	0.03093	4.47E-05	1.98E-06	2.02E-06	2.08E-03	1.87E-03	4.59E-06	4.51E-06	3.9919E-03
607131.85	4202748.62	7636.51339	0.0076	0.00762	1.01927	1.4167	0.03014	0.02971	4.30E-05	1.91E-06	1.94E-06	4.15E-04	5.75E-04	4.40E-06	4.33E-06	1.0367E-03
607134.16	4201710.27	19062.32293	0.02187	0.02214	0.23832	0.25128	0.05971	0.05848	1.07E-04	5.49E-06	5.63E-06	9.71E-05	1.02E-04	8.72E-06	8.52E-06	3.1737E-04
607134.55	4201552.91	21985.64266	0.03212	0.0328	0.26128	0.27387	0.06233	0.06113	1.24E-04	8.07E-06	8.35E-06	1.06E-04	1.11E-04	9.10E-06	8.91E-06	3.5761E-04
607135.38	4202554.13	8942.68565	0.00893	0.00897	2.60146	2.20941	0.03495	0.03438	5.03E-05	2.24E-06	2.28E-06	1.06E-03	8.96E-04	5.10E-06	5.01E-06	2.0107E-03
607137.51	4201741.77	18497.86972	0.02062	0.02086	0.24155	0.2546	0.05866	0.05745	1.04E-04	5.18E-06	5.31E-06	9.84E-05	1.03E-04	8.57E-06	8.37E-06	3.1621E-04
607138.86	4201627.81	20329.87594	0.02768	0.02811	0.27348	0.2885	0.06073	0.0595	1.14E-04	6.95E-06	7.15E-06	1.11E-04	1.17E-04	8.87E-06	8.67E-06	3.5689E-04
607139.48	4202572.19	8792.38154	0.00879	0.00883	2.39128	2.04657	0.03434	0.03379	4.95E-05	2.21E-06	2.25E-06	9.74E-04	8.30E-04	5.01E-06	4.93E-06	1.8581E-03
607139.67	4201507.22	22776.998	0.03592	0.03676	0.27745	0.2902	0.06199	0.06085	1.28E-04	9.02E-06	9.35E-06	1.13E-04	1.18E-04	9.05E-06	8.87E-06	3.7724E-04
607140.46	4201489.08	23196.36964	0.03765	0.0386	0.28166	0.29459	0.06204	0.06091	1.30E-04	9.46E-06	9.82E-06	1.15E-04	1.20E-04	9.06E-06	8.88E-06	3.8400E-04
607140.94	4201796.52	17502.53064	0.02017	0.02041	0.28164	0.29807	0.05673	0.05556	9.85E-05	5.07E-06	5.19E-06	1.15E-04	1.21E-04	8.28E-06	8.10E-06	3.4435E-04
607142.23	4202652.61	8227.41048	0.00824	0.00828	3.16766	2.47528	0.03229	0.0318	4.63E-05	2.07E-06	2.11E-06	1.29E-03	1.00E-03	4.72E-06	4.64E-06	2.3448E-03
607143.61	4201470.95	23588.02499	0.03972	0.04078	0.29049	0.30379	0.06187	0.06077	1.33E-04	9.98E-06	1.04E-05	1.18E-04	1.23E-04	9.04E-06	8.86E-06	3.9460E-04
607145.14	4202352.84	10894.3022	0.01042	0.01047	1.67849	2.25552	0.04046	0.03974	6.13E-05	2.62E-06	2.66E-06	6.84E-04	9.15E-04	5.91E-06	5.79E-06	1.6652E-03
607145.92	4202673.12	8091.35751	0.00813	0.00816	3.41325	2.58245	0.0317	0.03122	4.55E-05	2.04E-06	2.08E-06	1.39E-03	1.05E-03	4.63E-06	4.55E-06	2.4875E-03
607146.05	4202593.12	8631.20642	0.00867	0.00871	2.21697	1.89348	0.03363	0.0331	4.86E-05	2.18E-06	2.22E-06	9.03E-04	7.68E-04	4.91E-06	4.82E-06	1.7240E-03
607146.9	4201656.64	19711.30688	0.02638	0.02679	0.28165	0.2982	0.05959	0.05838	1.11E-04	6.63E-06	6.82E-06	1.15E-04	1.21E-04	8.70E-06	8.51E-06	3.6002E-04
607147.72	4201580.48	21167.63095	0.03083	0.03141	0.27798	0.29256	0.06086	0.05967	1.19E-04	7.74E-06	7.99E-06	1.13E-04	1.19E-04	8.89E-06	8.70E-06	3.6672E-04
607150.03	4202691.18	7973.69477	0.00804	0.00807	3.44885	2.54534	0.03117	0.0307	4.49E-05	2.02E-06	2.05E-06	1.40E-03	1.03E-03	4.55E-06	4.47E-06	2.4862E-03
607150.7	4201452.03	23931.58329	0.04236	0.04357	0.30745	0.3219	0.06137	0.06031	1.35E-04	1.06E-05	1.11E-05	1.25E-04	1.31E-04	8.96E-06	8.79E-06	4.1216E-04
607155.17	4202340.14	10996.50325	0.01057	0.01063	1.70964	2.26315	0.04037	0.03965	6.19E-05	2.65E-06	2.70E-06	6.96E-04	9.18E-04	5.90E-06	5.78E-06	1.6816E-03
607156.28	4201627.14	20072.48398	0.02845	0.0289	0.29735	0.3147	0.0593	0.05812	1.13E-04	7.15E-06	7.35E-06	1.21E-04	1.28E-04	8.66E-06	8.47E-06	3.7619E-04
607156.59	4202712.11	7838.18876	0.00794	0.00797	2.48424	2.05004	0.03051	0.03007	4.41E-05	1.99E-06	2.03E-06	1.01E-03	8.32E-04	4.46E-06	4.38E-06	1.8916E-03
607161.65	4201706.91	18720.80603	0.02364	0.024	0.28308	0.30061	0.05751	0.05634	1.05E-04	5.94E-06	6.11E-06	1.15E-04	1.22E-04	8.40E-06	8.21E-06	3.5460E-04
607164.33	4201744.45	18072.72166	0.0223	0.02264	0.29453	0.3129	0.05639	0.05524	1.02E-04	5.60E-06	5.76E-06	1.20E-04	1.27E-04	8.23E-06	8.05E-06	3.5993E-04
607165.83	4201576.78	20923.39824	0.03203	0.03263	0.30634	0.32345	0.0594	0.05826	1.18E-04	8.04E-06	8.30E-06	1.25E-04	1.31E-04	8.67E-06	8.49E-06	3.9004E-04
607167.09	4201791.19	17205.93326	0.0216	0.02187	0.34837	0.37205	0.05472	0.0536	9.68E-05	5.42E-06	5.56E-06	1.42E-04	1.51E-04	7.99E-06	7.81E-06	4.0060E-04
607167.2	4202333.46	11032.48775	0.01074	0.0108	1.98635	2.67215	0.04003	0.03932	6.21E-05	2.70E-06	2.75E-06	8.09E-04	1.08E-03	5.85E-06	5.73E-06	1.9605E-03
607171.03	4201655.3	19363.55252	0.02753	0.02797	0.32176	0.3428	0.05764	0.05649	1.09E-04	6.91E-06	7.12E-06	1.31E-04	1.39E-04	8.42E-06	8.23E-06	3.9308E-04
607173.88	4202318.09	11160.73361	0.01093	0.01099	1.78405	2.31376	0.04013	0.03942	6.28E-05	2.75E-06	2.80E-06	7.27E-04	9.39E-04	5.86E-06	5.75E-06	1.7336E-03
607177.06	4201627.81	19744.41145	0.02936	0.02985	0.33132	0.35227	0.05764	0.0565	1.11E-04	7.37E-06	7.59E-06	1.35E-04	1.43E-04	8.42E-06	8.24E-06	4.0389E-04
607181.85	4201948.62	15088.30375	0.01668	0.01684	0.38495	0.41602	0.04981	0.04883	8.49E-05	4.19E-06	4.28E-06	1.57E-04	1.69E-04	7.27E-06	7.12E-06	4.1891E-04
607181.85	4201998.62	14495.80918	0.0154	0.01554	0.39793	0.43835	0.04844	0.04749	8.15E-05	3.87E-06	3.95E-06	1.62E-04	1.78E-04	7.07E-06	6.92E-06	4.2927E-04
607181.85	4202048.62	13923.95941	0.0144	0.01452	0.40389	0.45107	0.04706	0.04615	7.83E-05	3.62E-06	3.69E-06	1.65E-04	1.83E-04	6.87E-06	6.73E-06	4.3313E-04
607181.85	4202098.62	13358.65389	0.01367	0.01378	0.42363	0.47221	0.04562	0.04475	7.52E-05	3.43E-06	3.51E-06	1.73E-04	1.92E-04	6.66E-06	6.52E-06	4.4619E-04
607181.85	4202148.62	12769.27793	0.01352	0.01363	0.52255	0.58209	0.04413	0.04329	7.18E-05	3.40E-06	3.47E-06	2.13E-04	2.36E-04	6.44E-06	6.31E-06	5.2766E-04
607181.85	4202198.62	12121.41773	0.01314	0.01324	0.71716	0.83245	0.04243	0.04163	6.82E-05	3.30E-06	3.37E-06	2.92E-04	3.38E-04	6.20E-06	6.07E-06	7.0465E-04
607181.85	4202248.62	11664.04443	0.01252	0.0126	0.90826	1.06719	0.0412	0.04044	6.56E-05	3.14E-06	3.21E-06	3.70E-04	4.33E-04	6.02E-06	5.89E-06	8.7482E-04
607181.85	4202298.62	11306.55527	0.01134	0.01141	1.62073	2.00309	0.04025	0.03953	6.36E-05	2.85E-06	2.90E-06	6.60E-04	8.13E-04	5.88E-06	5.76E-06	1.5421E-03
607181.85	4202348.62	10850.38127	0.01082	0.01088	4.09801	3.36263	0.03904	0.03836	6.10E-05	2.72E-06	2.77E-06	1.67E-03	1.36E-03	5.70E-06	5.59E-06	3.0997E-03
607181.85	4202398.62	10344.31578	0.01082	0.01087	5.80094	4.32921	0.03769	0.03705	5.82E-05	2.72E-06	2.77E-06	2.36E-03	1.76E-03	5.50E-06	5.40E-06	4.1826E-03
607181.85	4202448.62	9801.5945	0.01033	0.01038	2.52134	2.07901	0.03619	0.03558	5.51E-05	2.59E-06	2.64E-06	1.03E-03	8.43E-04	5.28E-06	5.19E-06	1.9307E-03
607181.85	4202498.62	9329.52011	0.00974	0.00979	1.69994	1.47816	0.03485	0.03428	5.25E-05	2.45E-06	2.49E-06	6.92E-04	6.00E-04	5.09E-06	5.00E-06	1.3494E-03
607181.85	4202548.62	8921.76911	0.00926	0.0093	1.43943	1.2917	0.03364	0.0331	5.02E-05	2.33E-06	2.37E-06	5.86E-04	5.24E-04	4.91E-06	4.82E-06	1.1652E-03
607182.57	4202306.06	11242.98645	0.01121	0.01127	1.81577	2.32791	0.04005	0.03934	6.32E-05	2.82E-06	2.87E-06	7.40E-04	9.44E-04	5.85E-06	5.73E-06	1.7528E-03
607183.52	4201578.02	20592.35466	0.03297	0.0336	0.33905	0.35945	0.05796	0.05686	1.16E-04	8.28E-06	8.55E-06	1.38E-04	1.46E-04	8.46E-06	8.29E-06	4.1658E-04
607185.11	4201741.77	17842.15917	0.02342	0.02376	0.33717	0.36068	0.05487	0.05377	1.00E-04	5.88E-06	6.05E-06	1.37E-04	1.46E-04	8.01E-06	7.84E-06	3.9594E-04
607190.12	4201515.89	21633.76434	0.03843	0.03927	0.36646	0.38749	0.05793	0.05688	1.22E-04	9.65E-06	9.99E-06	1.49E-04	1.57E-04	8.46E-06	8.29E-06	4.4780E-04
607190.47	4201708.25	18311.89037	0.02486	0.02525	0.33501	0.3592	0.05527	0.05417	1.03E-04	6.24E-06	6.42E-06	1.36E-04	1.46E-04	8.07E-06	7.90E-06	3.9785E-04
607192.59	4202290.69	11346.29984	0.01167	0.01173	1.7455	2.18331	0.03997	0.03926	6.38E-05	2.93E-06	2.98E-06	7.11E-04	8.86E-04	5.84E-06	5.72E-06	1.6664E-03
607193.82	4201656.64	19033.10098	0.02842	0.02891	0.36204	0.38858	0.05591	0.05481	1.07E-04	7.14E-06	7.36E-06	1.47E-04	1.58E-04	8.16E-06	7.99E-06	4.2666E-04
607194.06	4201499.33	21905.34481	0.04037	0.04129	0.38183	0.40388	0.05775	0.05671	1.23E-04	1.01E-05	1.05E-05	1.56E-04	1.64E-04	8.43E-06	8.27E-06	4.6323E-04
607196.5	4201624.46	19519.52823	0.03051	0.03105	0.36867	0.39398	0.05623	0.05514	1.10E-04	7.66E-06	7.90E-06	1.50E-04	1.60E-04	8.21E-06	8.04E-06	4.3535E-04
607197.52	4201575.13	20395.18687	0.034	0.03467	0.37052	0.39396	0.05688	0.05581	1.15E-04	8.54E-06	8.82E-06	1.51E-04	1.60E-04	8.31E-06	8.13E-06	4.4282E-04
607198	4201459.13	22723.28092	0.04544	0.0466	0.41342	0.43746	0.05767	0.05668	1.28E-04	1.14E-05	1.19E-05	1.68E-04	1.77E-04	8.42E-06	8.26E-06	4.9695E-04
607199.58	4201481.99	22166.69736	0.04272	0.04374	0.40429	0.42797	0.05742	0.05642	1.25E-04	1.07E-05	1.11E-05	1.65E-04	1.74E-04	8.39E-06	8.22E-06	4.8484E-04
607202.62	4202281.33	11393.67307	0.012	0.01208	1.78801	2.26868	0.03976	0.03905	6.41E-05	3.01E-06	3.07E-06	7.28E-04	9.20E-04	5.81E-06	5.69E-06	1.7188E-03
607207.23	4201733.73	17688.73889	0.02472	0.0251	0.38643	0.41668	0.05346	0.05241	9.95E-05	6.21E-06	6.39E-06	1.57E-04	1.69E-04	7.81E-06	7.64E-06	4.3853E-04
607209.24	4201706.24	18092.8875	0.02589	0.0263	0.37972	0.40993	0.05394	0.05288	1.02E-04	6.50E-06	6.69E-06	1.55E-04	1.66E-04	7.88E-06	7.71E-06	4.3593E-04
607209.71	4201784.9	16822.26614	0.02314	0.02345	0.45585	0.49394	0.05189	0.05086	9.46E-05	5.81E-06	5.97E-06	1.86E-04	2.00E-04	7.58E-06	7.41E-06	4.9245E-04
607214.65	4202269.97	11439.50656	0.01243	0.01251	1.82958	2.40451	0.03947	0.03877	6.44E-05	3.12E-06	3.18E-06	7.45E-04	9.75E-04	5.76E-06	5.65E-06	1.7913E-03
607218.63	4201662	18636.50476	0.02902	0.02954	0.41104	0.44529	0.05409	0.05305	1.05E-04	7.29E-06	7.52E-06	1.67E-04	1.81E-04	7.90E-06	7.73E-06	4.6770E-04
607218.92	4201572.25	20060.41823	0.03547	0.03621	0.42638	0.4558	0.05526	0.05423	1.13E-04	8.91E-06	9.21E-06	1.74E-04	1.85E-04	8.07E-06	7.90E-06	4.8954E-04
607221.31	4201641.89	18900.57389	0.0306	0.03117	0.42506	0.46025	0.0542	0.05317	1.06E-04	7.69E-06	7.93E-06	1.73E-04	1.87E-04	7.92E-06	7.75E-06	4.8178E-04
607223.32	4201616.42	19276.83966	0.03246	0.0331	0.4336	0.46738	0.05444	0.05341	1.08E-04	8.15E-06	8.42E-06	1.77E-04	1.90E-04	7.95E-06	7.78E-06	4.9122E-04
607226.68	4202254.6	11498.32865	0.01295	0.01304	1.88151	2.66982	0.03922	0.03853	6.47E-05	3.25E-06	3.32E-06	7.66E-04	1.08E-03	5.73E-06	5.62E-06	1.9206E-03
607228.68	4202226.53	11686.69714	0.0134	0.0135	1.49592	2.0475	0.03965	0.03893	6.57E-05	3.37E-06	3.43E-06	6.09E-04	8.31E-04	5.79E-06	5.67E-06	1.5124E-03
607231.85	4201948.62	14671.92455	0.01829	0.01847	0.58965	0.65142	0.04681	0.04592	8.25E-05	4.59E-06	4.70E-06	2.40E-04	2.64E-04	6.84E-06	6.69E-06	5.9625E-04
607231.85	4201998.62	14141.4535	0.01682	0.01697	0.603	0.68416	0.04562	0.04476	7.96E-05	4.22E-06	4.32E-06	2.46E-04	2.78E-04	6.66E-06	6.52E-06	6.1124E-04
607231.85	4202048.62	13606.02777	0.01558	0.0157	0.62614	0.73694	0.04436	0.04353	7.65E-05	3.91E-06	3.99E-06	2.55E-04	2.99E-04	6.48E-06	6.34E-06	6.3842E-04
607231.85	4202098.62	13054.73513	0.0151	0.01522	0.69603	0.8364	0.04303	0.04223	7.34E-05	3.79E-06	3.87E-06	2.84E-04	3.39E-04	6.28E-06	6.16E-06	7.0389E-04
607231.85	4202148.62	12393.05774	0.01459	0.0147	1.07787	1.36138	0.04137	0.04061	6.97E-05	3.66E-06	3.74E-06	4.39E-04	5.52E-04	6.04E-06	5.92E-06	1.0684E-03
607231.85	4202198.62	11884.10504	0.01377	0.01387	1.32156	1.74879	0.04006	0.03934	6.69E-05	3.46E-06	3.53E-06	5.38E-04	7.09E-04	5.85E-06	5.73E-06	1.3215E-03
607231.85	4202248.62	11516.88514	0.01314	0.01323	1.96475	2.87466	0.0391	0.03841	6.48E-05	3.30E-06	3.37E-06	8.00E-04	1.17E-03	5.71E-06	5.60E-06	2.0378E-03
607231.85	4202298.62	11164.24047	0.01192	0.01199	5.3826	4.14534	0.03819	0.03753	6.28E-05	2.99E-06	3.05E-06	2.19E-03	1.68E-03	5.58E-06	5.47E-06	3.9428E-03
607231.85	4202348.62	10716.95734	0.01154	0.01161	4.85225	3.94152	0.03708	0.03645	6.03E-05	2.90E-06	2.95E-06	1.98E-03	1.60E-03	5.41E-06	5.31E-06	3.6414E-03
607231.85	4202398.62	10193.83707	0.01135	0.01142	2.20548	1.92008	0.03574	0.03514	5.73E-05	2.85E-06	2.91E-06	8.98E-04	7.79E-04	5.22E-06	5.12E-06	1.7403E-03
607231.85	4202448.62	9679.07039	0.01069	0.01075	1.41347	1.26782	0.0344	0.03384	5.45E-05	2.68E-06	2.74E-06	5.76E-04	5.14E-04	5.02E-06	4.93E-06	1.1499E-03
607231.85	4202498.62	9247.95019	0.01011	0.01016	1.09836	1.0049	0.03326	0.03273	5.20E-05	2.54E-06	2.58E-06	4.47E-04	4.08E-04	4.86E-06	4.77E-06	9.1216E-04
607231.85	4202548.62	8848.19362	0.00959	0.00963	0.95433	0.88519	0.03216	0.03166	4.98E-05	2.41E-06	2.45E-06	3.89E-04	3.59E-04	4.70E-06	4.61E-06	8.0242E-04
607232.69	4201479.62	21578.96573	0.04614	0.04736	0.52489	0.56197	0.05507	0.05412	1.21E-04	1.16E-05	1.20E-05	2.14E-04	2.28E-04	8.04E-06	7.89E-06	5.8679E-04
607235.06	4201458.34	21991.30211	0.04947	0.05086	0.56098	0.6018	0.05504	0.05411	1.24E-04	1.24E-05	1.29E-05	2.28E-04	2.44E-04	8.04E-06	7.89E-06	6.2169E-04
607237.02	4201569.37	19822.40463	0.03692	0.03773	0.48594	0.5226	0.05401	0.05301	1.12E-04	9.27E-06	9.60E-06	1.98E-04	2.12E-04	7.89E-06	7.73E-06	5.4031E-04
607242.15	4201499.33	21021.82785	0.0446	0.04576	0.55208	0.59422	0.05431	0.05336	1.18E-04	1.12E-05	1.16E-05	2.25E-04	2.41E-04	7.93E-06	7.78E-06	6.0702E-04
607245.3	4201518.25	20611.46654	0.04267	0.04374	0.5503	0.59375	0.05396	0.053	1.16E-04	1.07E-05	1.11E-05	2.24E-04	2.41E-04	7.88E-06	7.73E-06	6.0280E-04
607256.2	4201735.98	17050.02578	0.02701	0.02744	0.57375	0.6388	0.0501	0.04915	9.59E-05	6.78E-06	6.98E-06	2.34E-04	2.59E-04	7.32E-06	7.16E-06	6.0251E-04
607259.99	4202104.79	12772.46776	0.01586	0.016	1.29013	1.85171	0.04139	0.04063	7.19E-05	3.98E-06	4.07E-06	5.25E-04	7.51E-04	6.04E-06	5.92E-06	1.3565E-03
607260.56	4201780.54	16349.17567	0.02519	0.02555	0.68059	0.76269	0.04879	0.04786	9.20E-05	6.33E-06	6.50E-06	2.77E-04	3.09E-04	7.13E-06	6.98E-06	6.9140E-04
607262.5	4201714.67	17286.55014	0.0283	0.02877	0.58438	0.65371	0.05016	0.04921	9.72E-05	7.11E-06	7.32E-06	2.38E-04	2.65E-04	7.33E-06	7.17E-06	6.1488E-04
607263.77	4201568.55	19424.54159	0.03901	0.0399	0.60721	0.66179	0.05222	0.05127	1.09E-04	9.80E-06	1.02E-05	2.47E-04	2.68E-04	7.63E-06	7.47E-06	6.4500E-04
607263.97	4202045.13	13408.61611	0.01684	0.017	1.03546	1.32748	0.04279	0.04201	7.54E-05	4.23E-06	4.33E-06	4.22E-04	5.38E-04	6.25E-06	6.12E-06	1.0442E-03
607265.41	4201691.43	17589.97859	0.0297	0.03021	0.58493	0.65491	0.05043	0.04949	9.90E-05	7.46E-06	7.69E-06	2.38E-04	2.66E-04	7.36E-06	7.21E-06	6.1801E-04
607268.31	4201663.82	17961.04972	0.03153	0.0321	0.58974	0.65946	0.05075	0.0498	1.01E-04	7.92E-06	8.17E-06	2.40E-04	2.68E-04	7.41E-06	7.26E-06	6.2485E-04
607270.25	4201614.91	18655.0777	0.03545	0.0362	0.61464	0.67987	0.05135	0.0504	1.05E-04	8.90E-06	9.21E-06	2.50E-04	2.76E-04	7.50E-06	7.35E-06	6.4920E-04
607271.35	4202059.5	13182.50483	0.0169	0.01705	1.4225	2.07831	0.04201	0.04125	7.42E-05	4.24E-06	4.34E-06	5.79E-04	8.43E-04	6.13E-06	6.01E-06	1.5052E-03
607272.19	4201641.54	18237.23573	0.03337	0.03402	0.61197	0.68354	0.05086	0.04992	1.03E-04	8.38E-06	8.66E-06	2.49E-04	2.77E-04	7.43E-06	7.28E-06	6.4617E-04
607276.28	4201925.31	14492.16964	0.02051	0.02075	1.12154	1.31819	0.04475	0.04392	8.15E-05	5.15E-06	5.28E-06	4.57E-04	5.35E-04	6.54E-06	6.40E-06	1.0835E-03
607278.74	4202023.38	13464.52884	0.01796	0.01813	1.69424	2.3416	0.04243	0.04166	7.57E-05	4.51E-06	4.61E-06	6.90E-04	9.50E-04	6.20E-06	6.07E-06	1.7248E-03
607279.97	4201945.82	14240.22428	0.02001	0.02023	1.29663	1.559	0.0441	0.04328	8.01E-05	5.03E-06	5.15E-06	5.28E-04	6.32E-04	6.44E-06	6.31E-06	1.2508E-03

607281.85	4201948.62	14193.96576	0.01998	0.0202	1.36499	1.65195	0.04393	0.04312	7.99E-05	5.02E-06	5.14E-06	5.56E-04	6.70E-04	6.42E-06	6.28E-06	1.3161E-03
607281.85	4201998.62	13687.87527	0.01864	0.01883	1.66287	2.1976	0.04284	0.04205	7.70E-05	4.68E-06	4.79E-06	6.77E-04	8.91E-04	6.26E-06	6.13E-06	1.6552E-03
607281.85	4202048.62	13192.70644	0.01744	0.01761	2.01789	3.08741	0.0417	0.04094	7.42E-05	4.38E-06	4.48E-06	8.22E-04	1.25E-03	6.09E-06	5.97E-06	2.1574E-03
607281.85	4202098.62	12689.6734	0.01638	0.01653	2.46429	4.43812	0.0405	0.03977	7.14E-05	4.11E-06	4.21E-06	1.00E-03	1.80E-03	5.91E-06	5.80E-06	2.8838E-03
607281.85	4202148.62	12101.75997	0.01524	0.01537	3.66517	3.40058	0.03906	0.03837	6.81E-05	3.83E-06	3.91E-06	1.49E-03	1.38E-03	5.70E-06	5.59E-06	2.9481E-03
607281.85	4202198.62	11649.72922	0.01439	0.01451	3.6039	3.94881	0.03793	0.03726	6.55E-05	3.61E-06	3.69E-06	1.47E-03	1.60E-03	5.54E-06	5.43E-06	3.1426E-03
607281.85	4202248.62	11333.48768	0.01377	0.01388	4.13977	5.35722	0.03711	0.03647	6.38E-05	3.46E-06	3.53E-06	1.69E-03	2.17E-03	5.42E-06	5.32E-06	3.9301E-03
607281.85	4202298.62	10948.96027	0.01296	0.01305	3.8067	2.87725	0.03616	0.03555	6.16E-05	3.25E-06	3.32E-06	1.55E-03	1.17E-03	5.28E-06	5.18E-06	2.7858E-03
607281.85	4202348.62	10486.44945	0.01241	0.0125	1.97795	1.75191	0.03503	0.03445	5.90E-05	3.12E-06	3.18E-06	8.06E-04	7.11E-04	5.12E-06	5.02E-06	1.5816E-03
607281.85	4202398.62	10010.13969	0.01174	0.01181	1.30307	1.19623	0.03387	0.03332	5.63E-05	2.95E-06	3.00E-06	5.31E-04	4.85E-04	4.95E-06	4.86E-06	1.0783E-03
607281.85	4202448.62	9568.10916	0.01107	0.01114	0.9802	0.91111	0.03279	0.03227	5.38E-05	2.78E-06	2.83E-06	3.99E-04	3.70E-04	4.79E-06	4.70E-06	8.2828E-04
607281.85	4202498.62	9160.37337	0.01047	0.01053	0.80663	0.75701	0.03177	0.03128	5.15E-05	2.63E-06	2.68E-06	3.29E-04	3.07E-04	4.64E-06	4.56E-06	6.9247E-04
607281.85	4202548.62	8780.87829	0.00993	0.00999	0.70881	0.67003	0.0308	0.03034	4.94E-05	2.49E-06	2.54E-06	2.89E-04	2.72E-04	4.50E-06	4.42E-06	6.1494E-04
607282.36	4201779.57	16128.07025	0.0261	0.02649	0.86523	0.99609	0.04751	0.04662	9.07E-05	6.55E-06	6.74E-06	3.52E-04	4.04E-04	6.94E-06	6.80E-06	8.6051E-04
607283.25	4202005.74	13605.47415	0.01849	0.01868	1.78258	2.4147	0.0426	0.04183	7.65E-05	4.64E-06	4.75E-06	7.26E-04	9.80E-04	6.22E-06	6.10E-06	1.7915E-03
607284.07	4201963.88	14017.70739	0.0196	0.01982	1.52426	1.89251	0.04348	0.04268	7.89E-05	4.92E-06	5.04E-06	6.21E-04	7.68E-04	6.35E-06	6.22E-06	1.4774E-03
607285.17	4201568.14	19110.48033	0.04083	0.04181	0.75193	0.83269	0.05085	0.04994	1.08E-04	1.03E-05	1.06E-05	3.06E-04	3.38E-04	7.43E-06	7.28E-06	7.7245E-04
607287.2	4201728.23	16794.20868	0.02891	0.0294	0.77655	0.89687	0.04835	0.04745	9.45E-05	7.26E-06	7.48E-06	3.16E-04	3.64E-04	7.06E-06	6.92E-06	7.8933E-04
607288.66	4201454.4	21098.82721	0.05712	0.05906	1.10477	1.24173	0.0517	0.05085	1.19E-04	1.43E-05	1.50E-05	4.50E-04	5.04E-04	7.55E-06	7.41E-06	1.1018E-03
607289.45	4201490.66	20417.30751	0.0512	0.05275	0.98694	1.10067	0.05143	0.05056	1.15E-04	1.29E-05	1.34E-05	4.02E-04	4.46E-04	7.51E-06	7.37E-06	9.8962E-04
607289.45	4201511.95	19993.00598	0.04799	0.04934	0.90007	1.00286	0.05117	0.05028	1.12E-04	1.21E-05	1.26E-05	3.67E-04	4.07E-04	7.47E-06	7.33E-06	9.1050E-04
607290.64	4201984.81	13754.57986	0.01919	0.0194	1.98465	2.63252	0.04269	0.04191	7.74E-05	4.82E-06	4.94E-06	8.08E-04	1.07E-03	6.23E-06	6.11E-06	1.9634E-03
607294.18	4201470.16	20710.99858	0.05506	0.05686	1.14499	1.28723	0.05128	0.05043	1.17E-04	1.38E-05	1.45E-05	4.66E-04	5.22E-04	7.49E-06	7.35E-06	1.1333E-03
607294.46	4201707.41	16998.04613	0.03046	0.03102	0.81572	0.95251	0.04832	0.04743	9.56E-05	7.65E-06	7.89E-06	3.32E-04	3.86E-04	7.06E-06	6.91E-06	8.2981E-04
607299.31	4201658.98	17629.52013	0.03384	0.03453	0.80858	0.93937	0.0489	0.04801	9.92E-05	8.50E-06	8.79E-06	3.29E-04	3.81E-04	7.14E-06	7.00E-06	8.2686E-04
607299.31	4201681.26	17308.84571	0.03233	0.03296	0.83042	0.97248	0.04851	0.04762	9.74E-05	8.12E-06	8.39E-06	3.38E-04	3.94E-04	7.08E-06	6.94E-06	8.4661E-04
607303.67	4201638.15	17874.08831	0.03572	0.03648	0.84181	0.97494	0.04897	0.04808	1.01E-04	8.97E-06	9.28E-06	3.43E-04	3.95E-04	7.15E-06	7.01E-06	8.5717E-04
607305.12	4201612.97	18202.03659	0.03815	0.03904	0.88878	1.01669	0.0492	0.04831	1.02E-04	9.58E-06	9.93E-06	3.62E-04	4.12E-04	7.18E-06	7.04E-06	8.9634E-04
607305.12	4201782.47	15829.54196	0.0268	0.02723	1.25305	1.52765	0.0461	0.04525	8.91E-05	6.73E-06	6.93E-06	5.10E-04	6.20E-04	6.73E-06	6.60E-06	1.2328E-03
607307.4	4201564.43	18851.10118	0.04326	0.04437	0.99696	1.13519	0.04955	0.04868	1.06E-04	1.09E-05	1.13E-05	4.06E-04	4.60E-04	7.24E-06	7.10E-06	9.9477E-04
607307.87	4201899.45	14456.24021	0.0221	0.02238	2.16604	2.86429	0.04356	0.04276	8.13E-05	5.55E-06	5.69E-06	8.82E-04	1.16E-03	6.36E-06	6.23E-06	2.1367E-03
607316.49	4201853.9	14869.91777	0.024	0.02434	2.14675	2.95534	0.04403	0.04323	8.37E-05	6.03E-06	6.19E-06	8.74E-04	1.20E-03	6.43E-06	6.30E-06	2.1691E-03
607321.3	4202259.3	11091.55867	0.01406	0.01418	2.77616	2.19171	0.03543	0.03484	6.24E-05	3.53E-06	3.61E-06	1.13E-03	8.89E-04	5.17E-06	5.08E-06	2.0894E-03
607330.96	4202209.32	11395.30684	0.01491	0.01506	3.12303	2.47217	0.03594	0.03533	6.41E-05	3.74E-06	3.83E-06	1.27E-03	1.00E-03	5.25E-06	5.15E-06	2.3466E-03
607331.85	4201948.62	13755.43354	0.02105	0.02133	2.7548	5.68077	0.04137	0.04064	7.74E-05	5.29E-06	5.43E-06	1.12E-03	2.30E-03	6.04E-06	5.92E-06	3.5146E-03
607331.85	4201998.62	13319.74087	0.01967	0.01992	4.06181	6.61806	0.04046	0.03974	7.49E-05	4.94E-06	5.07E-06	1.65E-03	2.68E-03	5.91E-06	5.79E-06	4.4240E-03
607331.85	4202048.62	12842.52415	0.01834	0.01856	6.36332	4.51351	0.03939	0.0387	7.22E-05	4.61E-06	4.72E-06	2.59E-03	1.83E-03	5.75E-06	5.64E-06	4.5043E-03
607331.85	4202098.62	12367.12349	0.01713	0.01732	4.97868	3.48759	0.03828	0.03762	6.96E-05	4.30E-06	4.41E-06	2.03E-03	1.41E-03	5.59E-06	5.48E-06	3.5209E-03
607331.85	4202148.62	11827.74255	0.01585	0.01601	3.83607	2.80971	0.037	0.03636	6.65E-05	3.98E-06	4.07E-06	1.56E-03	1.14E-03	5.40E-06	5.30E-06	2.7768E-03
607331.85	4202198.62	11428.95166	0.01499	0.01514	3.27871	2.52069	0.03601	0.0354	6.43E-05	3.76E-06	3.85E-06	1.34E-03	1.02E-03	5.26E-06	5.16E-06	2.4299E-03
607331.85	4202248.62	11146.04939	0.01433	0.01447	2.48943	2.01355	0.03529	0.0347	6.27E-05	3.60E-06	3.68E-06	1.01E-03	8.17E-04	5.15E-06	5.06E-06	1.9008E-03
607331.85	4202298.62	10751.92963	0.01355	0.01368	1.80366	1.53996	0.03434	0.03378	6.05E-05	3.40E-06	3.48E-06	7.35E-04	6.25E-04	5.01E-06	4.92E-06	1.4267E-03
607331.85	4202348.62	10347.15902	0.01286	0.01297	1.29052	1.16626	0.03338	0.03284	5.82E-05	3.23E-06	3.30E-06	5.26E-04	4.73E-04	4.87E-06	4.79E-06	1.0635E-03
607331.85	4202398.62	9924.94248	0.0122	0.0123	0.96449	0.89807	0.03239	0.03188	5.58E-05	3.06E-06	3.13E-06	3.93E-04	3.64E-04	4.73E-06	4.65E-06	8.1918E-04
607331.85	4202448.62	9476.61641	0.01146	0.01155	0.75513	0.71284	0.03134	0.03086	5.33E-05	2.88E-06	2.94E-06	3.08E-04	2.89E-04	4.58E-06	4.50E-06	6.5587E-04
607331.85	4202498.62	9073.937	0.01081	0.01089	0.63365	0.60275	0.03039	0.02994	5.10E-05	2.71E-06	2.77E-06	2.58E-04	2.45E-04	4.44E-06	4.36E-06	5.5913E-04
607331.85	4202548.62	8708.67557	0.01025	0.01032	0.55605	0.53207	0.02952	0.02908	4.90E-05	2.57E-06	2.63E-06	2.26E-04	2.16E-04	4.31E-06	4.24E-06	4.9651E-04
607332.24	4201768.91	15708.79212	0.02855	0.02905	2.10387	2.91203	0.04487	0.04406	8.84E-05	7.17E-06	7.39E-06	8.57E-04	1.18E-03	6.55E-06	6.42E-06	2.1411E-03
607333.23	4202147.98	11827.17452	0.01588	0.01605	3.71945	2.74596	0.03696	0.03632	6.65E-05	3.99E-06	4.08E-06	1.51E-03	1.11E-03	5.40E-06	5.29E-06	2.7035E-03
607333.8	4202176.38	11546.65908	0.01525	0.0154	3.2453	2.45047	0.03626	0.03564	6.50E-05	3.83E-06	3.92E-06	1.32E-03	9.94E-04	5.30E-06	5.19E-06	2.3886E-03
607338.67	4201559.91	18456.71861	0.04668	0.04805	1.68645	2.05897	0.04775	0.04693	1.04E-04	1.17E-05	1.22E-05	6.87E-04	8.35E-04	6.97E-06	6.84E-06	1.6499E-03
607339.02	4201743.25	15975.37495	0.0304	0.03099	2.12054	2.99882	0.04503	0.04422	8.99E-05	7.63E-06	7.88E-06	8.64E-04	1.22E-03	6.58E-06	6.45E-06	2.1856E-03
607340.96	4201720	16266.80891	0.03202	0.03267	1.95592	2.7325	0.04538	0.04457	9.15E-05	8.04E-06	8.31E-06	7.97E-04	1.11E-03	6.63E-06	6.50E-06	2.0130E-03
607346.28	4201693.85	16563.42543	0.03414	0.03489	1.95987	2.75648	0.04559	0.04478	9.32E-05	8.57E-06	8.88E-06	7.98E-04	1.12E-03	6.66E-06	6.53E-06	2.0271E-03
607346.86	4202072.72	12524.32267	0.01797	0.01819	3.82402	2.90156	0.03825	0.03758	7.05E-05	4.51E-06	4.63E-06	1.56E-03	1.18E-03	5.59E-06	5.48E-06	2.8142E-03
607348.03	4202037.94	12842.07279	0.01888	0.01912	4.35121	3.34203	0.03894	0.03826	7.22E-05	4.74E-06	4.86E-06	1.77E-03	1.36E-03	5.69E-06	5.58E-06	3.2098E-03
607350.64	4201670.12	16837.90317	0.03619	0.03705	1.95492	2.78523	0.04577	0.04496	9.47E-05	9.09E-06	9.43E-06	7.96E-04	1.13E-03	6.68E-06	6.55E-06	2.0393E-03
607352.58	4201646.39	17134.20101	0.03832	0.03929	1.92059	2.65733	0.04603	0.04522	9.64E-05	9.62E-06	1.00E-05	7.82E-04	1.08E-03	6.72E-06	6.59E-06	1.9762E-03
607355.48	4201589.24	17825.76113	0.04456	0.04585	2.30792	2.98575	0.04653	0.04572	1.00E-04	1.12E-05	1.17E-05	9.40E-04	1.21E-03	6.79E-06	6.66E-06	2.2743E-03
607355.97	4201619.75	17437.65533	0.04119	0.04231	2.11486	2.80668	0.04619	0.04539	9.81E-05	1.03E-05	1.08E-05	8.61E-04	1.14E-03	6.75E-06	6.62E-06	2.1191E-03
607366.33	4200769.13	31634.50866	1.74856	1.43729	0.03979	0.03766	0.03089	0.03103	1.78E-04	4.39E-04	3.66E-04	1.62E-05	1.53E-05	4.51E-06	4.52E-06	1.0143E-03
607369.05	4201993.63	13139.6525	0.02051	0.02081	3.27579	2.76598	0.03902	0.03834	7.39E-05	5.15E-06	5.29E-06	1.33E-03	1.12E-03	5.70E-06	5.59E-06	2.5407E-03
607370.6	4200744.38	31764.81937	1.48929	1.24955	0.036	0.03422	0.02977	0.02993	1.79E-04	3.74E-04	3.18E-04	1.47E-05	1.39E-05	4.35E-06	4.36E-06	8.9919E-04
607378.7	4201943.65	13485.68095	0.02226	0.02261	3.30802	2.80509	0.03945	0.03877	7.59E-05	5.59E-06	5.75E-06	1.35E-03	1.14E-03	5.76E-06	5.65E-06	2.5725E-03
607380.97	4201882.31	14024.16371	0.02457	0.02499	4.1753	3.29048	0.0404	0.0397	7.89E-05	6.17E-06	6.36E-06	1.70E-03	1.33E-03	5.90E-06	5.79E-06	3.1269E-03
607381.54	4201910.71	13758.41466	0.02348	0.02387	3.56835	2.96232	0.0399	0.03921	7.74E-05	5.90E-06	6.07E-06	1.45E-03	1.20E-03	5.83E-06	5.72E-06	2.7445E-03
607381.85	4201948.62	13427.45939	0.02217	0.02252	3.06799	2.63148	0.03925	0.03858	7.55E-05	5.57E-06	5.73E-06	1.25E-03	1.07E-03	5.73E-06	5.62E-06	2.4039E-03
607381.85	4201998.62	13035.3446	0.02057	0.02087	2.52747	2.20146	0.03845	0.0378	7.33E-05	5.17E-06	5.31E-06	1.03E-03	8.93E-04	5.62E-06	5.51E-06	2.0063E-03
607381.85	4202048.62	12577.3632	0.01913	0.0194	2.22774	1.90158	0.03745	0.03682	7.08E-05	4.80E-06	4.94E-06	9.07E-04	7.71E-04	5.47E-06	5.37E-06	1.7593E-03
607381.85	4202098.62	12060.0732	0.01772	0.01795	1.93036	1.65636	0.03628	0.03567	6.78E-05	4.45E-06	4.57E-06	7.86E-04	6.72E-04	5.30E-06	5.20E-06	1.5350E-03
607381.85	4202148.62	11572.09843	0.0164	0.01659	1.68625	1.45184	0.03514	0.03455	6.51E-05	4.12E-06	4.22E-06	6.87E-04	5.89E-04	5.13E-06	5.04E-06	1.3492E-03
607381.85	4202348.62	10222.48874	0.01321	0.01334	0.91408	0.84017	0.0319	0.03141	5.75E-05	3.32E-06	3.39E-06	3.72E-04	3.41E-04	4.66E-06	4.58E-06	7.7735E-04
607381.85	4202398.62	9796.93735	0.01253	0.01265	0.73858	0.69343	0.03094	0.03046	5.51E-05	3.15E-06	3.22E-06	3.01E-04	2.81E-04	4.52E-06	4.44E-06	6.4360E-04
607381.85	4202448.62	9366.01915	0.01177	0.01187	0.60384	0.57435	0.02996	0.02952	5.27E-05	2.96E-06	3.02E-06	2.46E-04	2.33E-04	4.38E-06	4.30E-06	5.3760E-04
607381.85	4202498.62	8978.7384	0.01109	0.01118	0.51462	0.49327	0.02909	0.02867	5.05E-05	2.79E-06	2.84E-06	2.10E-04	2.00E-04	4.25E-06	4.18E-06	4.6585E-04
607381.85	4202548.62	8630.65975	0.01052	0.0106	0.45108	0.43505	0.02831	0.0279	4.86E-05	2.64E-06	2.70E-06	1.84E-04	1.76E-04	4.13E-06	4.07E-06	4.1410E-04
607400.85	4201861.3	14072.15879	0.02599	0.02647	2.93845	2.46245	0.0399	0.03922	7.92E-05	6.53E-06	6.73E-06	1.20E-03	9.99E-04	5.83E-06	5.72E-06	2.2882E-03
607402.25	4201797.62	14692.20116	0.02929	0.0299	3.58586	2.88625	0.04088	0.04018	8.27E-05	7.36E-06	7.61E-06	1.46E-03	1.17E-03	5.97E-06	5.86E-06	2.7290E-03
607402.82	4201762.98	15071.38464	0.03151	0.03221	4.22638	3.23134	0.04145	0.04073	8.48E-05	7.91E-06	8.19E-06	1.72E-03	1.31E-03	6.05E-06	5.94E-06	3.1331E-03
607405.41	4201505.03	18317.06863	0.06304	0.0657	4.17406	3.49824	0.0448	0.04408	1.03E-04	1.58E-05	1.67E-05	1.70E-03	1.42E-03	6.54E-06	6.42E-06	3.2548E-03
607410.62	4201477.67	18613.05131	0.07015	0.07343	3.07512	2.726	0.04474	0.04403	1.05E-04	1.76E-05	1.87E-05	1.25E-03	1.11E-03	6.53E-06	6.42E-06	2.4993E-03
607415.83	4201531.52	17807.69928	0.05885	0.06118	3.87238	3.19242	0.04405	0.04333	1.00E-04	1.48E-05	1.56E-05	1.58E-03	1.30E-03	6.43E-06	6.32E-06	3.0028E-03
607417.02	4201708.46	15562.34367	0.03628	0.03719	3.77283	2.94457	0.04168	0.04097	8.75E-05	9.11E-06	9.46E-06	1.54E-03	1.19E-03	6.09E-06	5.97E-06	2.8373E-03
607423.16	4200737.35	29458.54846	2.92747	2.23907	0.0341	0.03244	0.02905	0.02918	1.66E-04	7.35E-04	5.70E-04	1.39E-05	1.32E-05	4.24E-06	4.25E-06	1.4977E-03
607424.97	4201746.51	15049.62403	0.03356	0.03435	2.8234	2.32863	0.04072	0.04003	8.47E-05	8.43E-06	8.74E-06	1.15E-03	9.45E-04	5.95E-06	5.83E-06	2.1964E-03
607425.67	4201675.37	15859.09899	0.03977	0.04086	3.50822	2.78568	0.04177	0.04107	8.92E-05	9.99E-06	1.04E-05	1.43E-03	1.13E-03	6.10E-06	5.99E-06	2.6686E-03
607426.11	4201803.3	14426.10832	0.02974	0.03037	2.29462	1.97714	0.03974	0.03907	8.12E-05	7.47E-06	7.73E-06	9.35E-04	8.02E-04	5.80E-06	5.69E-06	1.8330E-03
607427.56	4201582.75	16980.25418	0.05127	0.05305	3.76845	3.08289	0.04292	0.04221	9.55E-05	1.29E-05	1.35E-05	1.53E-03	1.25E-03	6.27E-06	6.15E-06	2.9074E-03
607430.39	4201618.1	16479.93141	0.04652	0.048	3.54545	2.90402	0.0423	0.0416	9.27E-05	1.17E-05	1.22E-05	1.44E-03	1.18E-03	6.18E-06	6.06E-06	2.7387E-03
607431.85	4202348.62	10007.26026	0.01353	0.01368	0.68298	0.63872	0.03034	0.02988	5.63E-05	3.40E-06	3.48E-06	2.78E-04	2.59E-04	4.43E-06	4.36E-06	6.0046E-04
607431.85	4202398.62	9588.38606	0.01269	0.01282	0.57163	0.54161	0.02941	0.02897	5.39E-05	3.19E-06	3.26E-06	2.33E-04	2.20E-04	4.29E-06	4.22E-06	5.1293E-04
607431.85	4202448.62	9230.16153	0.012	0.01211	0.49071	0.46926	0.02863	0.02821	5.19E-05	3.01E-06	3.08E-06	2.00E-04	1.90E-04	4.18E-06	4.11E-06	4.4825E-04
607431.85	4202498.62	8876.11339	0.01134	0.01144	0.42627	0.41061	0.02787	0.02747	4.99E-05	2.85E-06	2.91E-06	1.74E-04	1.67E-04	4.07E-06	4.00E-06	3.9588E-04
607431.85	4202548.62	8544.88879	0.01076	0.01085	0.37419	0.36274	0.02716	0.02678	4.81E-05	2.70E-06	2.76E-06	1.52E-04	1.47E-04	3.97E-06	3.90E-06	3.5309E-04
607437.11	4201475.93	18216.89014	0.0744	0.07807	1.95903	1.79581	0.04345	0.04277	1.02E-04	1.87E-05	1.99E-05	7.98E-04	7.28E-04	6.35E-06	6.23E-06	1.6674E-03
607438.52	4201654.18	15951.9466	0.04269	0.04395	2.82622	2.3533	0.04144	0.04075	8.97E-05	1.07E-05	1.12E-05	1.15E-03	9.55E-04	6.05E-06	5.94E-06	2.2174E-03
607441.02	4201532.39	17442.35579	0.06136	0.06389	2.32098	2.06671	0.04281	0.04212	9.81E-05	1.54E-05	1.63E-05	9.45E-04	8.38E-04	6.25E-06	6.14E-06	1.9135E-03
607441.46	4201563.66	17049.40441	0.05553	0.05762	2.63662	2.29783	0.04248	0.04179	9.59E-05	1.39E-05	1.47E-05	1.07E-03	9.32E-04	6.20E-06	6.09E-06	2.1306E-03
607444.85	4201714.71	15196.33105	0.03698	0.03793	2.22327	1.89797	0.0403	0.03962	8.55E-05	9.29E-06	9.65E-06	9.06E-04	7.70E-04	5.89E-06	5.77E-06	1.7799E-03
607445.41	4201806.14	14236.25054	0.03021	0.03086	1.77088	1.57079	0.03888	0.03824	8.01E-05	7.59E-06	7.85E-06	7.21E-04	6.37E-04	5.68E-06	5.57E-06	1.4540E-03
607450.52	4201749.92	14765.44367	0.03432	0.03514	1.90401	1.65828	0.03953	0.03887	8.31E-05	8.62E-06	8.94E-06	7.76E-04	6.73E-04	5.77E-06	5.67E-06	1.5488E-03
607455.14	4201620.93	16133.03518	0.04783	0.04938	2.18495	1.90731	0.04107	0.0404	9.08E-05	1.20E-05	1.26E-05	8.90E-04	7.74E-04	6.00E-06	5.89E-06	1.7790E-03
607455.35	4201475.06	17944.71258	0.07718	0.0811	1.55344	1.44277	0.04259	0.04193	1.01E-04	1.94E-05	2.06E-05	6.33E-04	5.85E-04	6.22E-06	6.11E-06	1.3590E-03
607459.04	4201719.25	15003.70723	0.03723	0.03819	1.82292	1.59413	0.0396	0.03895	8.44E-05	9.35E-06	9.72E-06	7.42E-04	6.47E-04	5.78E-06	5.68E-06	1.4926E-03
607461	4201530.65	17188.73608	0.06382	0.06655	1.7342	1.58702	0.04189	0.04123	9.67E-05	1.60E-05	1.69E-05	7.06E-04	6.44E-04	6.12E-06	6.01E-06	1.4798E-03
607462.74	4201564.09	16768.31572	0.05739	0.05961	1.88848	1.69476	0.04149	0.04082	9.43E-05	1.44E-05	1.52E-05	7.69E-04	6.87E-04	6.06E-06	5.95E-06	1.5806E-03
607463.02	4201659.05	15608.27688	0.04354	0.04483	1.89894	1.66353	0.04023	0.03957	8.78E-05	1.09E-05	1.14E-05	7.73E-04	6.75E-04	5.87E-06	5.77E-06	1.5584E-03
607469.83	4201761.27	14467.67711	0.03421	0.03503	1.48947	1.33332	0.03854	0.03791	8.14E-05	8.59E-06	8.91E-06	6.07E-04	5.41E-04	5.63E-06	5.53E-06	1.2464E-03
607471.54	4201807.84	14000.94001	0.03098	0.03166	1.34391	1.22185	0.0378	0.03718	7.88E-05	7.78E-06	8.06E-06	5.47E-04	4.96E-04	5.52E-06	5.42E-06	1.1376E-03
607473.47	4201205.35	20954.83687	0.35948	0.41811	0.92055	0.82778	0.04135	0.0409	1.18E-04	9.03E-05	1.06E-04	3.75E-04	3.36E-04	6.04E-06	5.96E-06	1.0253E-03
607474.9	4201475.93	17637.13119	0.07944	0.08358	1.26874	1.18998	0.04168	0.04104	9.92E-05	2.00E-05	2.13E-05	5.17E-04	4.83E-04	6.09E-06	5.98E-06	1.1399E-03
607475.65	4201620.23	15896.06562	0.04934	0.05099	1.6502	1.48013	0.04015	0.0395	8.94E-05	1.24E-05	1.30E-05	6.72E-04	6.00E-04	5.86E-06	5.76E-06	1.3874E-03
607478.35	4201723.23	14772.00555	0.03777	0.03876	1.45802	1.30447	0.03872	0.03809	8.31E-05	9.49E-06	9.86E-06	5.94E-04	5.29E-04	5.65E-06	5.55E-06	1.2255E-03
607481.85	4202348.62	9827.47323	0.01383	0.01397	0.53687	0.50762	0.02897	0.02855	5.53E-05	3.47E-06	3.55E-06	2.19E-04	2.06E-04	4.23E-06	4.16E-06	4.8690E-04
607481.85	4202398.62	9434.65086	0.01296	0.01309	0.46405	0.44251	0.02812	0.02771	5.31E-05	3.25E-06	3.33E-06	1.89E-04	1.80E-04	4.11E-06	4.04E-06	4.2818E-04
607481.85	4202448.62	9091.16891	0.01223	0.01234	0.40605	0.39012	0.02739	0.027	5.11E-05	3.07E-06	3.14E-06	1.65E-04	1.58E-04	4.00E-06	3.94E-06	3.8100E-04
607481.85	4202498.62	8766.08908	0.01158	0.01168	0.35797	0.34618	0.02672	0.02634	4.93E-05	2.91E-06	2.97E-06	1.46E-04	1.40E-04	3.90E-06	3.84E-06	3.4143E-04
607481.85	4202548.62	8453.69761	0.01099	0.01108	0.31586	0.3073	0.02607	0.02572	4.76E-05	2.76E-06	2.82E-06	1.29E-04	1.25E-04	3.81E-06	3.75E-06	3.0645E-04
607482.45	4201664.05	15337.68074	0.04407	0.0454	1.49578	1.34074	0.03931	0.03867	8.63E-05	1.11E-05	1.16E-05	6.09E-04	5.44E-04	5.74E-06	5.64E-06	1.2620E-03
607482.71	4201528.05	16923.45761	0.06661	0.06957	1.34591	1.25231	0.04094	0.04029	9.52E-05	1.67E-05	1.77E-05	5.48E-04	5.08E-04	5.98E-06	5.87E-06	1.1858E-03
607483.15	4201562.79	16523.59446	0.05944	0.06182	1.45992	1.33656	0.04059	0.03995	9.30E-05	1.49E-05	1.57E-05	5.95E-04	5.42E-04	5.93E-06	5.82E-06	1.2604E-03
607493.12	4201817.49	13745.30888	0.03114	0.03182	1.10263	1.0183	0.03684	0.03625	7.73E-05	7.82E-06	8.10E-06	4.49E-04	4.13E-04	5.38E-06	5.28E-06	9.5543E-04
607496.96	4201155.79	21079.51954	0.49414	0.57844	0.67074	0.59536	0.03985	0.03946	1.19E-04	1.24E-04	1.47E-04	2.73E-04	2.42E-04	5.82E-06	5.75E-06	9.0456E-04
607496.96	4201172.31	20860.75617	0.4381	0.50989	0.69995	0.62616	0.04007	0.03966	1.17E-04	1.10E-04	1.30E-04	2.85E-04	2.54E-04	5.85E-06	5.78E-06	8.9621E-04
607496.96	4201188.83	20645.65943	0.38865	0.44945	0.72503	0.65351	0.04027	0.03984	1.16E-04	9.76E-05	1.14E-04	2.95E-04	2.65E-04	5.88E-06	5.81E-06	8.8851E-04
607496.96	4201205.35	20434.63793	0.34531	0.39653	0.74639	0.67761	0.04044	0.04	1.15E-04	8.67E-05	1.01E-04	3.04E-04	2.75E-04	5.91E-06	5.83E-06	8.8145E-04
607496.96	4201221.87	20227.05662	0.30757	0.35055	0.76459	0.69872	0.0406	0.04014	1.14E-04	7.72E-05	8.92E-05	3.11E-04	2.83E-04	5.93E-06	5.85E-06	8.7509E-04
607498.23	4201770.36	14123.59009	0.03464	0.03547	1.13003	1.03615	0.03727	0.03667	7.95E-05	8.70E-06	9.02E-06	4.60E-04	4.20E-04	5.44E-06	5.34E-06	9.7777E-04
607498.79	4201747.08	14340.10759	0.03657	0.0375	1.16196	1.06117	0.03756	0.03696	8.07E-05	9.18E-06	9.54E-06	4.73E-04	4.30E-04	5.49E-06	5.39E-06	1.0031E-03
607499.22	4201472.89	17309.34888	0.08322	0.0877	1.01672	0.96236	0.04063	0.04001	9.74E-05	2.09E-05	2.23E-05	4.14E-04	3.90E-04	5.93E-06	5.83E-06	9.4509E-04
607502.35	4201677.74	14987.72108	0.04362	0.04493	1.2158	1.10683	0.03831	0.03769	8.43E-05	1.10E-05	1.14E-05	4.95E-04	4.49E-04	5.59E-06	5.49E-06	1.0509E-03
607506.75	4201731.18	14424.15287	0.03837	0.03938	1.11135	1.01767	0.03746	0.03686	8.11E-05	9.64E-06	1.00E-05	4.53E-04	4.13E-04	5.47E-06	5.37E-06	9.6628E-04
607507.9	4201522.4	16647.34427	0.07034	0.0736	1.05256	0.99136	0.03989	0.03927	9.37E-05	1.77E-05	1.87E-05	4.29E-04	4.02E-04	5.83E-06	5.72E-06	9.6091E-04
607509.64	4201539.77	16437.62797	0.06649	0.06941	1.07456	1.0071	0.03966	0.03905	9.25E-05	1.67E-05	1.77E-05	4.38E-04	4.09E-04	5.79E-06	5.69E-06	9.7304E-04
607510.51	4201563.23	16175.27396	0.06168	0.0642	1.11004	1.03317	0.03941	0.03879	9.10E-05	1.55E-05	1.63E-05	4.52E-04	4.19E-04	5.76E-06	5.65E-06	9.9406E-04
607517.46	4201473.76	17034.00661	0.08478	0.08937	0.88571	0.84227	0.03984	0.03924	9.58E-05	2.13E-05	2.27E-05	3.61E-04	3.42E-04	5.82E-06	5.72E-06	8.4228E-04
607518.78	4201606.08	15565.02106	0.0546	0.05659	1.06714	0.98983	0.0385	0.0379	8.76E-05	1.37E-05	1.44E-05	4.35E-04	4.02E-04	5.62E-06	5.52E-06	9.5186E-04
607520.45	4201073.19	21649.05655	0.76502	0.88343	0.38852	0.33828	0.0377	0.03741	1.22E-04	1.92E-04	2.25E-04	1.58E-04	1.37E-04	5.51E-06	5.45E-06	8.3416E-04
607520.45	4201089.71	21424.34453	0.6925	0.80196	0.4284	0.37487	0.03801	0.0377	1.21E-04	1.74E-04	2.04E-04	1.74E-04	1.52E-04	5.55E-06	5.49E-06	8.2504E-04
607520.45	4201106.23	21202.10575	0.62457	0.72371	0.46554	0.40986	0.03829	0.03796	1.19E-04	1.57E-04	1.84E-04	1.90E-04	1.66E-04	5.59E-06	5.53E-06	8.1614E-04
607520.45	4201122.75	20982.67899	0.56204	0.65031	0.49929	0.44258	0.03856	0.03821	1.18E-04	1.41E-04	1.65E-04	2.03E-04	1.80E-04	5.63E-06	5.57E-06	8.0755E-04
607520.45	4201155.79	20553.58536	0.454	0.5219	0.5566	0.50017	0.03902	0.03864	1.16E-04	1.14E-04	1.33E-04	2.27E-04	2.03E-04	5.70E-06	5.63E-06	7.9203E-04
607520.45	4201172.31	20344.21043	0.40796	0.46708	0.58068	0.52516	0.03922	0.03882	1.14E-04	1.02E-04	1.19E-04	2.37E-04	2.13E-04	5.73E-06	5.66E-06	7.8529E-04
607520.45	4201188.83	20138.48428	0.36667	0.41795	0.60204	0.54779	0.0394	0.03898	1.13E-04	9.21E-05	1.06E-04	2.45E-04	2.22E-04	5.75E-06	5.68E-06	7.7915E-04
607520.45	4201205.35	19936.62337	0.32976	0.37404	0.62088	0.5682	0.03956	0.03913	1.12E-04	8.28E-05	9.52E-05	2.53E-04	2.30E-04	5.78E-06	5.70E-06	7.7352E-04
607520.45	4201221.87	19738.00495	0.29694	0.33501	0.63746	0.58651	0.0397	0.03925	1.11E-04	7.46E-05	8.52E-05	2.60E-04	2.38E-04	5.80E-06	5.72E-06	7.6841E-04
607523.01	4201691.84	14638.82318	0.04313	0.0444	1.00933	0.93066	0.0373	0.03671	8.24E-05	1.08E-05	1.13E-05	4.11E-04	3.78E-04	5.45E-06	5.35E-06	8.9312E-04
607531.85	4202348.62	9661.43999	0.01419	0.01434	0.43667	0.41628	0.02774	0.02734	5.44E-05	3.56E-06	3.65E-06	1.78E-04	1.69E-04	4.05E-06	3.98E-06	4.0829E-04
607531.85	4202398.62	9288.24223	0.01329	0.01341	0.38549	0.36979	0.02694	0.02656	5.23E-05	3.34E-06	3.41E-06	1.57E-04	1.50E-04	3.93E-06	3.87E-06	3.6602E-04
607531.85	4202448.62	8943.20362	0.01248	0.01259	0.34038	0.32854	0.02622	0.02586	5.03E-05	3.13E-06	3.20E-06	1.39E-04	1.33E-04	3.83E-06	3.77E-06	3.2856E-04
607531.85	4202498.62	8649.22602	0.01184	0.01194	0.3042	0.29522	0.02563	0.02528	4.87E-05	2.97E-06	3.04E-06	1.24E-04	1.20E-04	3.74E-06	3.68E-06	2.9833E-04
607531.85	4202548.62	8353.7951	0.01123	0.01133	0.27017	0.26359	0.02504	0.02471	4.70E-05	2.82E-06	2.88E-06	1.10E-04	1.07E-04	3.66E-06	3.60E-06	2.6967E-04
607535.76	4201644.98	14959.17594	0.04965	0.05131	0.93067	0.86536	0.03734	0.03675	8.42E-05	1.25E-05	1.31E-05	3.79E-04	3.51E-04	5.45E-06	5.36E-06	8.3979E-04
607540.71	4201675.39	14615.00158	0.04596	0.04739	0.88984	0.82763	0.0368	0.03622	8.22E-05	1.15E-05	1.21E-05	3.62E-04	3.36E-04	5.37E-06	5.28E-06	8.0399E-04
607541.39	4201808.98	13462.34688	0.03357	0.03435	0.80291	0.75331	0.03524	0.03469	7.57E-05	8.43E-06	8.74E-06	3.27E-04	3.06E-04	5.15E-06	5.06E-06	7.2552E-04
607543.94	4201073.19	21097.15181	0.67309	0.7646	0.3396	0.29995	0.037	0.03671	1.19E-04	1.69E-04	1.95E-04	1.38E-04	1.22E-04	5.40E-06	5.35E-06	7.4226E-04
607543.94	4201089.71	20882.95637	0.61434	0.69934	0.37052	0.32873	0.03728	0.03697	1.17E-04	1.54E-04	1.78E-04	1.51E-04	1.33E-04	5.44E-06	5.39E-06	7.3396E-04
607543.94	4201106.23	20670.8446	0.55925	0.63694	0.39954	0.35637	0.03754	0.03722	1.16E-04	1.40E-04	1.62E-04	1.63E-04	1.45E-04	5.48E-06	5.43E-06	7.2609E-04
607543.94	4201122.75	20461.32099	0.50827	0.57831	0.42625	0.3824	0.03779	0.03744	1.15E-04	1.28E-04	1.47E-04	1.74E-04	1.55E-04	5.52E-06	5.46E-06	7.1863E-04
607543.94	4201172.31	19850.20379	0.38057	0.42965	0.49259	0.44952	0.0384	0.03801	1.12E-04	9.56E-05	1.09E-04	2.01E-04	1.82E-04	5.61E-06	5.54E-06	6.9955E-04
607546.5	4201792.51	13564.09562	0.03502	0.03586	0.79256	0.74321	0.03527	0.03472	7.63E-05	8.80E-06	9.12E-06	3.23E-04	3.01E-04	5.15E-06	5.06E-06	7.1853E-04
607553.31	4201751.62	13845.9221	0.0387	0.03972	0.785	0.73526	0.03551	0.03496	7.79E-05	9.72E-06	1.01E-05	3.20E-04	2.98E-04	5.19E-06	5.10E-06	7.1572E-04
607553.44	4201659.83	14632.61756	0.04862	0.0502	0.8176	0.76473	0.03649	0.03592	8.23E-05	1.22E-05	1.28E-05	3.33E-04	3.10E-04	5.33E-06	5.24E-06	7.5053E-04
607558.28	4201479.41	16404.93888	0.08617	0.09072	0.68349	0.65433	0.03815	0.03758	9.23E-05	2.16E-05	2.31E-05	2.78E-04	2.65E-04	5.57E-06	5.48E-06	6.8083E-04
607563.06	4201541.51	15751.19408	0.07007	0.0732	0.72709	0.69079	0.03749	0.03693	8.86E-05	1.76E-05	1.86E-05	2.96E-04	2.80E-04	5.47E-06	5.38E-06	7.0120E-04
607563.93	4201561.49	15544.28077	0.06587	0.06866	0.73819	0.69986	0.03727	0.03671	8.74E-05	1.65E-05	1.75E-05	3.01E-04	2.84E-04	5.44E-06	5.35E-06	7.0603E-04
607564.36	4201522.4	15913.87511	0.07468	0.07819	0.70263	0.66988	0.0376	0.03703	8.95E-05	1.88E-05	1.99E-05	2.86E-04	2.72E-04	5.49E-06	5.40E-06	6.8610E-04
607566.53	4201581.9	15287.28108	0.06207	0.06455	0.73937	0.69984	0.03692	0.03636	8.60E-05	1.56E-05	1.64E-05	3.01E-04	2.84E-04	5.39E-06	5.30E-06	7.0306E-04
607567.43	4201073.19	20569.73346	0.60098	0.67345	0.3009	0.26892	0.0363	0.03602	1.16E-04	1.51E-04	1.71E-04	1.23E-04	1.09E-04	5.30E-06	5.25E-06	6.6964E-04
607567.43	4201089.71	20365.27698	0.55221	0.6198	0.32552	0.2921	0.03657	0.03626	1.15E-04	1.39E-04	1.58E-04	1.33E-04	1.18E-04	5.34E-06	5.29E-06	6.6202E-04
607567.43	4201106.23	20162.75963	0.50643	0.56867	0.34878	0.31443	0.03681	0.03649	1.13E-04	1.27E-04	1.45E-04	1.42E-04	1.28E-04	5.38E-06	5.32E-06	6.5491E-04
607567.43	4201122.75	19962.30909	0.46389	0.52056	0.37041	0.33561	0.03704	0.0367	1.12E-04	1.17E-04	1.32E-04	1.51E-04	1.36E-04	5.41E-06	5.35E-06	6.4826E-04
607571.31	4201602.75	15000.37198	0.0584	0.06061	0.72424	0.68474	0.03646	0.03591	8.44E-05	1.47E-05	1.54E-05	2.95E-04	2.78E-04	5.32E-06	5.23E-06	6.8723E-04
607571.44	4201713.55	13991.26805	0.04318	0.04443	0.71677	0.67428	0.03525	0.03471	7.87E-05	1.08E-05	1.13E-05	2.92E-04	2.74E-04	5.15E-06	5.06E-06	6.6633E-04
607574.23	4201809.28	13243.09319	0.03488	0.03571	0.66869	0.63408	0.03419	0.03367	7.45E-05	8.76E-06	9.09E-06	2.72E-04	2.57E-04	4.99E-06	4.91E-06	6.2193E-04
607577.16	4201791.94	13368.59213	0.03636	0.03726	0.66812	0.63306	0.03431	0.03379	7.52E-05	9.13E-06	9.48E-06	2.72E-04	2.57E-04	5.01E-06	4.93E-06	6.2275E-04
607579.99	4201477.67	16126.95159	0.08792	0.09254	0.60168	0.57752	0.03732	0.03677	9.07E-05	2.21E-05	2.35E-05	2.45E-04	2.34E-04	5.45E-06	5.36E-06	6.1569E-04
607581.63	4201694.49	14048.77148	0.04571	0.0471	0.67825	0.6397	0.03508	0.03454	7.90E-05	1.15E-05	1.20E-05	2.76E-04	2.59E-04	5.12E-06	5.03E-06	6.3825E-04
607581.85	4202348.62	9486.80852	0.01461	0.01475	0.36314	0.34846	0.02657	0.0262	5.34E-05	3.67E-06	3.75E-06	1.48E-04	1.41E-04	3.88E-06	3.82E-06	3.5006E-04
607581.85	4202398.62	9136.15288	0.01366	0.01378	0.32522	0.31357	0.02583	0.02547	5.14E-05	3.43E-06	3.51E-06	1.32E-04	1.27E-04	3.77E-06	3.71E-06	3.1800E-04
607581.85	4202448.62	8818.11662	0.01284	0.01295	0.29135	0.2823	0.02517	0.02484	4.96E-05	3.22E-06	3.29E-06	1.19E-04	1.15E-04	3.68E-06	3.62E-06	2.8931E-04
607581.85	4202498.62	8530.16826	0.01214	0.01224	0.26168	0.25474	0.02461	0.02428	4.80E-05	3.05E-06	3.11E-06	1.07E-04	1.03E-04	3.59E-06	3.54E-06	2.6407E-04
607581.85	4202548.62	8248.35332	0.0115	0.0116	0.23392	0.22878	0.02406	0.02375	4.64E-05	2.89E-06	2.95E-06	9.53E-05	9.28E-05	3.51E-06	3.46E-06	2.4033E-04
607583.98	4201765.25	13536.43259	0.03892	0.03994	0.65778	0.62226	0.03441	0.03388	7.62E-05	9.77E-06	1.02E-05	2.68E-04	2.52E-04	5.03E-06	4.94E-06	6.1643E-04
607584.55	4201620.93	14677.22018	0.05599	0.05801	0.6709	0.63503	0.03576	0.03522	8.26E-05	1.41E-05	1.48E-05	2.73E-04	2.58E-04	5.22E-06	5.13E-06	6.4226E-04
607588.25	4201535.86	15495.53744	0.0728	0.07608	0.62055	0.59248	0.03658	0.03604	8.72E-05	1.83E-05	1.94E-05	2.53E-04	2.40E-04	5.34E-06	5.25E-06	6.1791E-04
607590.92	4201023.63	20655.07771	0.68027	0.74702	0.20654	0.18506	0.03479	0.03455	1.16E-04	1.71E-04	1.90E-04	8.41E-05	7.51E-05	5.08E-06	5.04E-06	6.3630E-04
607590.92	4201040.15	20458.09705	0.63248	0.69706	0.22768	0.20435	0.03508	0.03483	1.15E-04	1.59E-04	1.77E-04	9.27E-05	8.29E-05	5.12E-06	5.08E-06	6.2691E-04
607590.92	4201056.67	20261.37319	0.5867	0.6485	0.24883	0.22388	0.03536	0.0351	1.14E-04	1.47E-04	1.65E-04	1.01E-04	9.08E-05	5.16E-06	5.12E-06	6.1849E-04
607590.92	4201073.19	20065.24471	0.54305	0.60156	0.26959	0.24332	0.03563	0.03534	1.13E-04	1.36E-04	1.53E-04	1.10E-04	9.87E-05	5.20E-06	5.15E-06	6.1083E-04
607590.92	4201089.71	19870.08284	0.50174	0.55652	0.28963	0.26237	0.03587	0.03557	1.12E-04	1.26E-04	1.42E-04	1.18E-04	1.06E-04	5.24E-06	5.18E-06	6.0378E-04
607590.92	4201106.23	19676.35401	0.46294	0.5137	0.30867	0.28076	0.0361	0.03578	1.11E-04	1.16E-04	1.31E-04	1.26E-04	1.14E-04	5.27E-06	5.22E-06	5.9727E-04
607590.92	4201122.75	19483.85197	0.42678	0.47335	0.32651	0.29829	0.03631	0.03597	1.10E-04	1.07E-04	1.20E-04	1.33E-04	1.21E-04	5.30E-06	5.24E-06	5.9122E-04
607597.59	4201692.32	13924.66944	0.04671	0.04814	0.62107	0.58815	0.03455	0.03403	7.83E-05	1.17E-05	1.22E-05	2.53E-04	2.39E-04	5.05E-06	4.96E-06	5.9387E-04
607598.67	4201478.97	15867.11373	0.08831	0.09287	0.54574	0.52473	0.03661	0.03608	8.93E-05	2.22E-05	2.36E-05	2.22E-04	2.13E-04	5.35E-06	5.26E-06	5.7021E-04
607600.11	4201587.7	14844.05867	0.06272	0.06518	0.60704	0.57822	0.03559	0.03506	8.35E-05	1.58E-05	1.66E-05	2.47E-04	2.35E-04	5.20E-06	5.11E-06	5.9765E-04

607607.03	4201729.35	13643.63353	0.04335	0.04458	0.59427	0.5644	0.03405	0.03354	7.68E-05	1.09E-05	1.13E-05	2.42E-04	2.29E-04	4.97E-06	4.89E-06	5.6999E-04
607607.79	4201535.43	15265.07485	0.0738	0.07708	0.55754	0.53371	0.03587	0.03535	8.59E-05	1.85E-05	1.96E-05	2.27E-04	2.16E-04	5.24E-06	5.15E-06	5.6761E-04
607610.72	4201606.08	14541.99654	0.05974	0.06198	0.57699	0.54977	0.03499	0.03447	8.18E-05	1.50E-05	1.58E-05	2.35E-04	2.23E-04	5.11E-06	5.02E-06	5.7061E-04
607614.41	4201023.63	20144.20557	0.61434	0.66899	0.19146	0.173	0.03418	0.03394	1.13E-04	1.54E-04	1.70E-04	7.80E-05	7.02E-05	4.99E-06	4.95E-06	5.8598E-04
607614.41	4201040.15	19955.87823	0.57282	0.62566	0.20905	0.18925	0.03446	0.03421	1.12E-04	1.44E-04	1.59E-04	8.51E-05	7.68E-05	5.03E-06	4.99E-06	5.7723E-04
607614.41	4201056.67	19768.30098	0.53321	0.5838	0.22657	0.20561	0.03472	0.03445	1.11E-04	1.34E-04	1.49E-04	9.23E-05	8.34E-05	5.07E-06	5.02E-06	5.6935E-04
607614.41	4201073.19	19581.10139	0.49558	0.54357	0.24375	0.22184	0.03497	0.03468	1.10E-04	1.24E-04	1.38E-04	9.93E-05	9.00E-05	5.11E-06	5.05E-06	5.6219E-04
607614.41	4201089.71	19394.40461	0.46001	0.50511	0.26035	0.23775	0.03519	0.03489	1.09E-04	1.16E-04	1.29E-04	1.06E-04	9.64E-05	5.14E-06	5.09E-06	5.5563E-04
607614.41	4201106.23	19209.2604	0.42657	0.46859	0.27621	0.25315	0.0354	0.03509	1.08E-04	1.07E-04	1.19E-04	1.13E-04	1.03E-04	5.17E-06	5.11E-06	5.4961E-04
607615.67	4201566.48	14896.07673	0.06754	0.07031	0.54952	0.52576	0.03531	0.03479	8.38E-05	1.70E-05	1.79E-05	2.24E-04	2.13E-04	5.16E-06	5.07E-06	5.5575E-04
607618.06	4201676.37	13865.7466	0.04953	0.05111	0.55898	0.53174	0.03402	0.03351	7.80E-05	1.24E-05	1.30E-05	2.28E-04	2.16E-04	4.97E-06	4.88E-06	5.4683E-04
607620.62	4201625.88	14256.62321	0.05679	0.05882	0.54991	0.52417	0.03443	0.03392	8.02E-05	1.43E-05	1.50E-05	2.24E-04	2.13E-04	5.03E-06	4.94E-06	5.4605E-04
607623.86	4201478.54	15544.28673	0.08914	0.09364	0.48182	0.46411	0.0357	0.03519	8.74E-05	2.24E-05	2.38E-05	1.96E-04	1.88E-04	5.21E-06	5.13E-06	5.1818E-04
607628.27	4201709.56	13608.7644	0.04634	0.04773	0.53706	0.51165	0.03354	0.03305	7.66E-05	1.16E-05	1.21E-05	2.19E-04	2.08E-04	4.90E-06	4.82E-06	5.2664E-04
607631.24	4201526.31	15064.06802	0.07672	0.08015	0.49112	0.47174	0.03511	0.03461	8.47E-05	1.93E-05	2.04E-05	2.00E-04	1.91E-04	5.13E-06	5.04E-06	5.1581E-04
607631.85	4202348.62	9308.43381	0.01504	0.0152	0.3072	0.29627	0.02547	0.02512	5.24E-05	3.78E-06	3.87E-06	1.25E-04	1.20E-04	3.72E-06	3.66E-06	3.0532E-04
607631.85	4202398.62	8971.49696	0.01403	0.01417	0.2774	0.26861	0.02477	0.02444	5.05E-05	3.52E-06	3.61E-06	1.13E-04	1.09E-04	3.62E-06	3.56E-06	2.7955E-04
607631.85	4202448.62	8691.43455	0.01322	0.01334	0.2521	0.24508	0.0242	0.02388	4.89E-05	3.32E-06	3.39E-06	1.03E-04	9.94E-05	3.53E-06	3.48E-06	2.5771E-04
607631.85	4202498.62	8414.556	0.01247	0.01258	0.22784	0.2224	0.02366	0.02336	4.73E-05	3.13E-06	3.20E-06	9.28E-05	9.02E-05	3.46E-06	3.40E-06	2.3669E-04
607631.85	4202548.62	8145.14927	0.0118	0.0119	0.20493	0.20085	0.02316	0.02286	4.58E-05	2.96E-06	3.03E-06	8.35E-05	8.15E-05	3.38E-06	3.33E-06	2.1676E-04
607636.96	4201667.56	13772.82046	0.05147	0.05315	0.5105	0.48735	0.0335	0.03301	7.75E-05	1.29E-05	1.35E-05	2.08E-04	1.98E-04	4.89E-06	4.81E-06	5.0956E-04
607637.9	4201023.63	19654.64336	0.5602	0.60543	0.17813	0.16215	0.03358	0.03335	1.11E-04	1.41E-04	1.54E-04	7.26E-05	6.58E-05	4.90E-06	4.86E-06	5.4363E-04
607637.9	4201040.15	19476.12262	0.5237	0.5674	0.19297	0.176	0.03384	0.0336	1.10E-04	1.32E-04	1.44E-04	7.86E-05	7.14E-05	4.94E-06	4.90E-06	5.3544E-04
607637.9	4201056.67	19296.05512	0.489	0.53089	0.20769	0.18988	0.03409	0.03382	1.09E-04	1.23E-04	1.35E-04	8.46E-05	7.70E-05	4.98E-06	4.93E-06	5.2805E-04
607637.9	4201073.19	19117.19719	0.45612	0.49593	0.22212	0.20363	0.03432	0.03404	1.08E-04	1.15E-04	1.26E-04	9.05E-05	8.26E-05	5.01E-06	4.96E-06	5.2135E-04
607637.9	4201089.71	18939.1568	0.42503	0.46259	0.2361	0.2171	0.03453	0.03423	1.07E-04	1.07E-04	1.18E-04	9.62E-05	8.81E-05	5.04E-06	4.99E-06	5.1522E-04
607637.9	4201106.23	18761.84796	0.3958	0.43097	0.24951	0.23017	0.03472	0.03441	1.06E-04	9.94E-05	1.10E-04	1.02E-04	9.34E-05	5.07E-06	5.02E-06	5.0960E-04
607638.19	4201499.38	15197.39674	0.08359	0.08755	0.46192	0.44486	0.03506	0.03456	8.55E-05	2.10E-05	2.23E-05	1.88E-04	1.80E-04	5.12E-06	5.04E-06	4.9737E-04
607646.08	4201557.29	14643.89973	0.07035	0.07325	0.47058	0.45187	0.03436	0.03387	8.24E-05	1.77E-05	1.86E-05	1.92E-04	1.83E-04	5.02E-06	4.94E-06	4.9366E-04
607647.58	4201700.87	13520.08443	0.04802	0.04949	0.4909	0.46965	0.03304	0.03255	7.61E-05	1.21E-05	1.26E-05	2.00E-04	1.91E-04	4.82E-06	4.74E-06	4.9117E-04
607655.79	4201662.74	13653.5154	0.05286	0.0546	0.46878	0.44882	0.03298	0.0325	7.68E-05	1.33E-05	1.39E-05	1.91E-04	1.82E-04	4.82E-06	4.74E-06	4.7698E-04
607661.39	4201023.63	19186.41066	0.51503	0.55279	0.16628	0.15237	0.033	0.03277	1.08E-04	1.29E-04	1.41E-04	6.77E-05	6.18E-05	4.82E-06	4.78E-06	5.0746E-04
607661.39	4201040.15	19015.56452	0.48261	0.5191	0.17894	0.1643	0.03324	0.033	1.07E-04	1.21E-04	1.32E-04	7.29E-05	6.66E-05	4.85E-06	4.81E-06	4.9978E-04
607661.39	4201056.67	18844.9354	0.45185	0.48688	0.19147	0.17621	0.03347	0.03321	1.06E-04	1.13E-04	1.24E-04	7.80E-05	7.15E-05	4.89E-06	4.84E-06	4.9284E-04
607661.39	4201073.19	18673.36844	0.42275	0.45612	0.20377	0.18799	0.03369	0.03341	1.05E-04	1.06E-04	1.16E-04	8.30E-05	7.63E-05	4.92E-06	4.87E-06	4.8653E-04
607661.39	4201089.71	18502.21939	0.39528	0.42686	0.21569	0.19955	0.03388	0.03359	1.04E-04	9.93E-05	1.09E-04	8.79E-05	8.09E-05	4.95E-06	4.90E-06	4.8076E-04
607661.39	4201106.23	18332.30593	0.36942	0.39912	0.22717	0.21079	0.03406	0.03375	1.03E-04	9.28E-05	1.02E-04	9.25E-05	8.55E-05	4.97E-06	4.92E-06	4.7549E-04
607664.96	4201692.67	13432.45175	0.04954	0.05108	0.45433	0.43576	0.03258	0.03211	7.56E-05	1.24E-05	1.30E-05	1.85E-04	1.77E-04	4.76E-06	4.68E-06	4.6282E-04
607665.17	4201577.8	14234.25086	0.06681	0.06941	0.43833	0.42143	0.03348	0.033	8.01E-05	1.68E-05	1.77E-05	1.79E-04	1.71E-04	4.89E-06	4.81E-06	4.6401E-04
607665.17	4201609.62	13953.03496	0.06096	0.06317	0.44384	0.42607	0.03313	0.03266	7.85E-05	1.53E-05	1.61E-05	1.81E-04	1.73E-04	4.84E-06	4.76E-06	4.6349E-04
607672.95	4201521.22	14619.98649	0.07863	0.08205	0.4055	0.39103	0.03374	0.03327	8.22E-05	1.97E-05	2.09E-05	1.65E-04	1.59E-04	4.93E-06	4.85E-06	4.4666E-04
607675.07	4201495.76	14783.56622	0.08486	0.08874	0.39217	0.37866	0.03384	0.03337	8.32E-05	2.13E-05	2.26E-05	1.60E-04	1.54E-04	4.94E-06	4.86E-06	4.4040E-04
607675.1	4201657.91	13525.15566	0.05414	0.05592	0.4314	0.41412	0.03244	0.03198	7.61E-05	1.36E-05	1.42E-05	1.76E-04	1.68E-04	4.74E-06	4.66E-06	4.4761E-04
607681.85	4202348.62	9143.73827	0.01551	0.01568	0.26397	0.25567	0.02447	0.02415	5.14E-05	3.90E-06	3.99E-06	1.08E-04	1.04E-04	3.57E-06	3.52E-06	2.7055E-04
607681.85	4202398.62	8839.12508	0.01448	0.01463	0.24119	0.23434	0.02384	0.02353	4.97E-05	3.64E-06	3.72E-06	9.82E-05	9.51E-05	3.48E-06	3.43E-06	2.5038E-04
607681.85	4202448.62	8566.27377	0.01361	0.01374	0.22033	0.21481	0.02329	0.02299	4.82E-05	3.42E-06	3.50E-06	8.97E-05	8.71E-05	3.40E-06	3.35E-06	2.3199E-04
607681.85	4202498.62	8301.94425	0.01282	0.01294	0.20037	0.19603	0.02278	0.0225	4.67E-05	3.22E-06	3.29E-06	8.16E-05	7.95E-05	3.33E-06	3.28E-06	2.1435E-04
607681.85	4202548.62	8043.38535	0.01211	0.01222	0.18128	0.17798	0.02231	0.02203	4.52E-05	3.04E-06	3.11E-06	7.38E-05	7.22E-05	3.26E-06	3.21E-06	1.9744E-04
607682.14	4201602.55	13841.66935	0.06253	0.06481	0.41174	0.3961	0.03267	0.0322	7.79E-05	1.57E-05	1.65E-05	1.68E-04	1.61E-04	4.77E-06	4.69E-06	4.3845E-04
607684.88	4201023.63	18737.6168	0.47667	0.50845	0.15574	0.14356	0.03243	0.0322	1.05E-04	1.20E-04	1.29E-04	6.34E-05	5.82E-05	4.74E-06	4.69E-06	4.7616E-04
607684.88	4201040.15	18575.06421	0.4476	0.47835	0.16666	0.15391	0.03266	0.03241	1.04E-04	1.12E-04	1.22E-04	6.79E-05	6.24E-05	4.77E-06	4.72E-06	4.6893E-04
607684.88	4201056.67	18410.82404	0.4201	0.44965	0.17745	0.16424	0.03287	0.03261	1.04E-04	1.06E-04	1.14E-04	7.23E-05	6.66E-05	4.80E-06	4.75E-06	4.6238E-04
607684.88	4201073.19	18247.41936	0.3941	0.42233	0.18803	0.17445	0.03307	0.03279	1.03E-04	9.90E-05	1.07E-04	7.66E-05	7.08E-05	4.83E-06	4.78E-06	4.5643E-04
607684.88	4201089.71	18083.96519	0.36956	0.39637	0.19833	0.18447	0.03325	0.03296	1.02E-04	9.28E-05	1.01E-04	8.08E-05	7.48E-05	4.86E-06	4.80E-06	4.5101E-04
607684.88	4201106.23	17921.10094	0.34646	0.37177	0.20827	0.19423	0.03342	0.03311	1.01E-04	8.70E-05	9.46E-05	8.48E-05	7.88E-05	4.88E-06	4.83E-06	4.4604E-04
607687.16	4201688.32	13277.61049	0.05062	0.0522	0.41342	0.39764	0.03196	0.0315	7.47E-05	1.27E-05	1.33E-05	1.68E-04	1.61E-04	4.67E-06	4.59E-06	4.3038E-04
607689.92	4201541.02	14271.7297	0.07446	0.0775	0.38444	0.37112	0.03303	0.03256	8.03E-05	1.87E-05	1.97E-05	1.57E-04	1.51E-04	4.82E-06	4.75E-06	4.2584E-04
607691.99	4201650.19	13429.26199	0.0556	0.05745	0.4018	0.38653	0.032	0.03155	7.55E-05	1.40E-05	1.46E-05	1.64E-04	1.57E-04	4.67E-06	4.60E-06	4.2458E-04
607694.87	4201484.45	14633.6727	0.0877	0.0917	0.35837	0.34654	0.03328	0.03282	8.23E-05	2.20E-05	2.33E-05	1.46E-04	1.41E-04	4.86E-06	4.78E-06	4.1422E-04
607700.53	4201594.06	13723.12068	0.06424	0.06659	0.38076	0.36703	0.03218	0.03172	7.72E-05	1.61E-05	1.69E-05	1.55E-04	1.49E-04	4.70E-06	4.62E-06	4.1425E-04
607708.37	4201023.63	18307.11376	0.44363	0.47059	0.14633	0.1356	0.03187	0.03164	1.03E-04	1.11E-04	1.20E-04	5.96E-05	5.50E-05	4.65E-06	4.61E-06	4.4874E-04
607708.37	4201040.15	18151.30477	0.4174	0.4435	0.15583	0.14468	0.03209	0.03184	1.02E-04	1.05E-04	1.13E-04	6.35E-05	5.87E-05	4.69E-06	4.64E-06	4.4194E-04
607708.37	4201056.67	17994.72307	0.3926	0.41773	0.16521	0.15371	0.03228	0.03202	1.01E-04	9.86E-05	1.06E-04	6.73E-05	6.24E-05	4.71E-06	4.67E-06	4.3576E-04
607708.4	4201680.6	13138.35892	0.05203	0.05367	0.37998	0.36634	0.03138	0.03094	7.39E-05	1.31E-05	1.37E-05	1.55E-04	1.49E-04	4.58E-06	4.51E-06	4.0401E-04
607715.16	4201646.81	13253.24981	0.0565	0.05837	0.36694	0.35388	0.03137	0.03093	7.46E-05	1.42E-05	1.49E-05	1.49E-04	1.44E-04	4.58E-06	4.51E-06	3.9661E-04
607715.38	4201481.62	14412.42135	0.08816	0.09211	0.33082	0.32029	0.03264	0.0322	8.11E-05	2.21E-05	2.34E-05	1.35E-04	1.30E-04	4.77E-06	4.69E-06	3.9133E-04
607716.09	4201541.02	13973.43144	0.07448	0.07745	0.34788	0.33641	0.03218	0.03174	7.86E-05	1.87E-05	1.97E-05	1.42E-04	1.36E-04	4.70E-06	4.63E-06	3.9518E-04
607720.33	4201594.77	13522.65597	0.06426	0.06657	0.35278	0.34061	0.03157	0.03113	7.61E-05	1.61E-05	1.69E-05	1.44E-04	1.38E-04	4.61E-06	4.54E-06	3.9101E-04
607731.85	4202348.62	8983.89604	0.01595	0.01614	0.2295	0.22304	0.02354	0.02323	5.05E-05	4.01E-06	4.11E-06	9.35E-05	9.05E-05	3.44E-06	3.39E-06	2.4261E-04
607731.85	4202398.62	8709.38719	0.01492	0.01508	0.21168	0.20626	0.02297	0.02268	4.90E-05	3.75E-06	3.84E-06	8.62E-05	8.37E-05	3.35E-06	3.31E-06	2.2647E-04
607731.85	4202448.62	8443.65914	0.01399	0.01413	0.19428	0.18986	0.02244	0.02217	4.75E-05	3.51E-06	3.60E-06	7.91E-05	7.70E-05	3.28E-06	3.23E-06	2.1076E-04
607731.85	4202498.62	8186.40899	0.01316	0.01328	0.17752	0.17401	0.02195	0.02169	4.61E-05	3.31E-06	3.38E-06	7.23E-05	7.06E-05	3.21E-06	3.16E-06	1.9563E-04
607731.85	4202548.62	7941.50284	0.01242	0.01253	0.16164	0.15893	0.02151	0.02125	4.47E-05	3.12E-06	3.19E-06	6.58E-05	6.45E-05	3.14E-06	3.10E-06	1.8129E-04
607733.02	4201646.81	13100.18909	0.05671	0.05857	0.34346	0.33177	0.03087	0.03044	7.37E-05	1.42E-05	1.49E-05	1.40E-04	1.35E-04	4.51E-06	4.44E-06	3.7732E-04
607733.02	4201674.32	12962.52527	0.05316	0.05483	0.34631	0.33464	0.03072	0.0303	7.29E-05	1.34E-05	1.40E-05	1.41E-04	1.36E-04	4.49E-06	4.42E-06	3.7703E-04
607737.3	4201483.03	14146.2505	0.08741	0.09119	0.3065	0.29707	0.03195	0.03152	7.96E-05	2.20E-05	2.32E-05	1.25E-04	1.21E-04	4.67E-06	4.59E-06	3.7008E-04
607748.62	4201581.33	13338.07947	0.06653	0.06892	0.31648	0.30627	0.03086	0.03044	7.50E-05	1.67E-05	1.75E-05	1.29E-04	1.24E-04	4.51E-06	4.44E-06	3.6242E-04
607751.45	4201596.89	13213.2842	0.06395	0.06618	0.31556	0.30536	0.03067	0.03025	7.43E-05	1.61E-05	1.68E-05	1.29E-04	1.24E-04	4.48E-06	4.41E-06	3.5963E-04
607754.26	4201674.32	12784.42141	0.05333	0.05497	0.32126	0.311	0.03014	0.02973	7.19E-05	1.34E-05	1.40E-05	1.31E-04	1.26E-04	4.40E-06	4.33E-06	3.5631E-04
607754.74	4201641.98	12941.14099	0.0575	0.05936	0.31764	0.3074	0.03031	0.02989	7.28E-05	1.44E-05	1.51E-05	1.29E-04	1.25E-04	4.43E-06	4.36E-06	3.5642E-04
607756.4	4201533.95	13582.73233	0.07544	0.07836	0.2999	0.29061	0.03101	0.03059	7.64E-05	1.89E-05	1.99E-05	1.22E-04	1.18E-04	4.53E-06	4.46E-06	3.5533E-04
607756.4	4201557.99	13419.14832	0.0707	0.07332	0.30445	0.29491	0.03082	0.0304	7.55E-05	1.78E-05	1.87E-05	1.24E-04	1.20E-04	4.50E-06	4.43E-06	3.5554E-04
607759.93	4201485.86	13864.37634	0.08611	0.0897	0.28518	0.27661	0.03124	0.03082	7.80E-05	2.16E-05	2.28E-05	1.16E-04	1.12E-04	4.56E-06	4.49E-06	3.5081E-04
607825.82	4201172.31	15255.79173	0.20523	0.2144	0.15671	0.15023	0.03015	0.02983	8.58E-05	5.15E-05	5.45E-05	6.38E-05	6.09E-05	4.40E-06	4.35E-06	3.1669E-04
607825.82	4201188.83	15131.92562	0.19517	0.20388	0.16121	0.15478	0.03019	0.02987	8.51E-05	4.90E-05	5.19E-05	6.57E-05	6.28E-05	4.41E-06	4.35E-06	3.1446E-04
607825.82	4201205.35	15009.02746	0.1857	0.19395	0.16561	0.15926	0.03021	0.02989	8.44E-05	4.66E-05	4.93E-05	6.75E-05	6.46E-05	4.41E-06	4.36E-06	3.1248E-04
607825.82	4201221.87	14887.79404	0.17676	0.18457	0.16995	0.16366	0.03023	0.0299	8.38E-05	4.44E-05	4.70E-05	6.92E-05	6.64E-05	4.41E-06	4.36E-06	3.1072E-04
607825.82	4201238.39	14767.40126	0.16833	0.17572	0.17423	0.168	0.03024	0.0299	8.31E-05	4.23E-05	4.47E-05	7.10E-05	6.81E-05	4.42E-06	4.36E-06	3.0917E-04
607849.31	4201172.31	14958.63416	0.19737	0.20557	0.14763	0.14181	0.02957	0.02927	8.42E-05	4.96E-05	5.23E-05	6.01E-05	5.75E-05	4.32E-06	4.27E-06	3.0368E-04
607849.31	4201188.83	14838.40092	0.188	0.1958	0.1518	0.14602	0.02961	0.02929	8.35E-05	4.72E-05	4.98E-05	6.18E-05	5.92E-05	4.32E-06	4.27E-06	3.0157E-04
607849.31	4201205.35	14718.39467	0.17915	0.18656	0.15589	0.15015	0.02963	0.02931	8.28E-05	4.50E-05	4.75E-05	6.35E-05	6.09E-05	4.33E-06	4.27E-06	2.9966E-04
607849.31	4201221.87	14600.94745	0.1708	0.17783	0.15992	0.15423	0.02964	0.02931	8.21E-05	4.29E-05	4.52E-05	6.51E-05	6.26E-05	4.33E-06	4.27E-06	2.9798E-04
607849.31	4201238.39	14485.47352	0.16291	0.16958	0.16389	0.15824	0.02964	0.02931	8.15E-05	4.09E-05	4.31E-05	6.68E-05	6.42E-05	4.33E-06	4.27E-06	2.9649E-04
607872.8	4201172.31	14672.06969	0.19005	0.1974	0.1395	0.13425	0.02902	0.02872	8.25E-05	4.77E-05	5.02E-05	5.68E-05	5.45E-05	4.24E-06	4.19E-06	2.9177E-04
607872.8	4201188.83	14555.44805	0.1813	0.18831	0.14336	0.13815	0.02904	0.02874	8.19E-05	4.55E-05	4.79E-05	5.84E-05	5.60E-05	4.24E-06	4.19E-06	2.8976E-04
607872.8	4201205.35	14439.51054	0.17302	0.17969	0.14716	0.14198	0.02906	0.02875	8.12E-05	4.35E-05	4.57E-05	5.99E-05	5.76E-05	4.24E-06	4.19E-06	2.8794E-04
607872.8	4201221.87	14325.0665	0.16519	0.17154	0.1509	0.14576	0.02907	0.02875	8.06E-05	4.15E-05	4.36E-05	6.15E-05	5.91E-05	4.25E-06	4.19E-06	2.8631E-04
607872.8	4201238.39	14212.23006	0.15778	0.16382	0.15458	0.14948	0.02906	0.02874	8.00E-05	3.96E-05	4.17E-05	6.30E-05	6.06E-05	4.24E-06	4.19E-06	2.8486E-04
608186.19	4200733.55	13227.86836	0.26362	0.26706	0.03408	0.03283	0.02086	0.02079	7.44E-05	6.62E-05	6.79E-05	1.39E-05	1.33E-05	3.05E-06	3.03E-06	2.3577E-04
608186.19	4200741.15	13207.6026	0.2604	0.26385	0.03479	0.03351	0.02094	0.02086	7.43E-05	6.54E-05	6.71E-05	1.42E-05	1.36E-05	3.06E-06	3.04E-06	2.3459E-04
608186.19	4200748.75	13187.72766	0.25719	0.26065	0.0355	0.03421	0.02102	0.02094	7.42E-05	6.46E-05	6.63E-05	1.45E-05	1.39E-05	3.07E-06	3.05E-06	2.3343E-04
608186.19	4200756.35	13167.79376	0.254	0.25746	0.03623	0.03491	0.02109	0.02101	7.41E-05	6.38E-05	6.55E-05	1.48E-05	1.42E-05	3.08E-06	3.06E-06	2.3229E-04
608186.19	4200763.95	13147.73209	0.25081	0.25428	0.03696	0.03562	0.02117	0.02108	7.40E-05	6.30E-05	6.47E-05	1.51E-05	1.44E-05	3.09E-06	3.07E-06	2.3115E-04
608186.19	4200771.55	13127.31442	0.24763	0.25111	0.0377	0.03634	0.02124	0.02115	7.39E-05	6.22E-05	6.39E-05	1.54E-05	1.47E-05	3.10E-06	3.08E-06	2.3003E-04
608186.19	4200779.15	13106.50739	0.24446	0.24794	0.03845	0.03706	0.02131	0.02122	7.37E-05	6.14E-05	6.31E-05	1.57E-05	1.50E-05	3.11E-06	3.09E-06	2.2890E-04
608186.19	4200786.75	13085.48383	0.24131	0.2448	0.0392	0.03779	0.02138	0.02129	7.36E-05	6.06E-05	6.23E-05	1.60E-05	1.53E-05	3.12E-06	3.10E-06	2.2780E-04
608186.19	4200794.35	13064.55072	0.23818	0.24167	0.03996	0.03853	0.02145	0.02135	7.35E-05	5.98E-05	6.15E-05	1.63E-05	1.56E-05	3.13E-06	3.11E-06	2.2671E-04
608186.19	4200801.95	13043.72467	0.23508	0.23856	0.04072	0.03928	0.02152	0.02142	7.34E-05	5.90E-05	6.07E-05	1.66E-05	1.59E-05	3.14E-06	3.12E-06	2.2563E-04
608186.19	4200809.55	13022.5124	0.23199	0.23547	0.0415	0.04003	0.02159	0.02148	7.33E-05	5.83E-05	5.99E-05	1.69E-05	1.62E-05	3.15E-06	3.13E-06	2.2457E-04
608186.19	4200817.15	13001.0077	0.22892	0.2324	0.04227	0.04079	0.02165	0.02154	7.31E-05	5.75E-05	5.91E-05	1.72E-05	1.65E-05	3.16E-06	3.14E-06	2.2352E-04
608186.19	4200824.75	12979.08833	0.22588	0.22936	0.04306	0.04155	0.02171	0.0216	7.30E-05	5.67E-05	5.84E-05	1.75E-05	1.69E-05	3.17E-06	3.15E-06	2.2249E-04
608186.19	4200832.35	12956.9739	0.22286	0.22633	0.04384	0.04232	0.02177	0.02166	7.29E-05	5.60E-05	5.76E-05	1.79E-05	1.72E-05	3.18E-06	3.16E-06	2.2147E-04
608186.19	4200839.95	12934.56233	0.21987	0.22333	0.04463	0.0431	0.02183	0.02172	7.28E-05	5.52E-05	5.68E-05	1.82E-05	1.75E-05	3.19E-06	3.17E-06	2.2047E-04
608186.19	4200847.55	12911.89469	0.21691	0.22036	0.04542	0.04387	0.02189	0.02177	7.26E-05	5.45E-05	5.61E-05	1.85E-05	1.78E-05	3.20E-06	3.17E-06	2.1947E-04
608186.19	4200855.15	12888.82463	0.21397	0.21741	0.04622	0.04465	0.02195	0.02183	7.25E-05	5.37E-05	5.53E-05	1.88E-05	1.81E-05	3.21E-06	3.18E-06	2.1850E-04
608186.19	4200862.75	12865.39663	0.21106	0.21449	0.04702	0.04544	0.022	0.02188	7.24E-05	5.30E-05	5.46E-05	1.92E-05	1.84E-05	3.21E-06	3.19E-06	2.1754E-04
608186.19	4200870.35	12841.66739	0.20818	0.2116	0.04782	0.04623	0.02206	0.02193	7.22E-05	5.23E-05	5.38E-05	1.95E-05	1.88E-05	3.22E-06	3.20E-06	2.1659E-04
608193.06	4200733.55	13157.31124	0.25862	0.26198	0.03401	0.03278	0.02079	0.02072	7.40E-05	6.50E-05	6.67E-05	1.39E-05	1.33E-05	3.04E-06	3.02E-06	2.3277E-04
608193.06	4200741.15	13137.48008	0.25551	0.25888	0.03471	0.03345	0.02087	0.02079	7.39E-05	6.42E-05	6.59E-05	1.41E-05	1.36E-05	3.05E-06	3.03E-06	2.3165E-04
608193.06	4200748.75	13117.51548	0.2524	0.25578	0.03542	0.03414	0.02095	0.02087	7.38E-05	6.34E-05	6.51E-05	1.44E-05	1.38E-05	3.06E-06	3.04E-06	2.3054E-04
608193.06	4200756.35	13097.70672	0.2493	0.25269	0.03613	0.03483	0.02102	0.02094	7.37E-05	6.26E-05	6.43E-05	1.47E-05	1.41E-05	3.07E-06	3.05E-06	2.2943E-04
608193.06	4200763.95	13077.97015	0.24621	0.2496	0.03686	0.03553	0.02109	0.02101	7.36E-05	6.18E-05	6.35E-05	1.50E-05	1.44E-05	3.08E-06	3.06E-06	2.2834E-04
608193.06	4200771.55	13057.98157	0.24313	0.24653	0.03759	0.03624	0.02117	0.02108	7.35E-05	6.11E-05	6.27E-05	1.53E-05	1.47E-05	3.09E-06	3.07E-06	2.2726E-04
608193.06	4200779.15	13037.41562	0.24007	0.24347	0.03833	0.03696	0.02124	0.02114	7.33E-05	6.03E-05	6.19E-05	1.56E-05	1.50E-05	3.10E-06	3.08E-06	2.2619E-04
608193.06	4200786.75	13016.63096	0.23701	0.24041	0.03907	0.03768	0.02131	0.02121	7.32E-05	5.95E-05	6.12E-05	1.59E-05	1.53E-05	3.11E-06	3.09E-06	2.2512E-04
608193.06	4200794.35	12995.93646	0.23397	0.23738	0.03982	0.03841	0.02137	0.02128	7.31E-05	5.88E-05	6.04E-05	1.62E-05	1.56E-05	3.12E-06	3.10E-06	2.2407E-04
608193.06	4200801.95	12975.03374	0.23096	0.23436	0.04058	0.03915	0.02144	0.02134	7.30E-05	5.80E-05	5.96E-05	1.65E-05	1.59E-05	3.13E-06	3.11E-06	2.2303E-04
608193.06	4200809.55	12953.86024	0.22796	0.23136	0.04134	0.03989	0.02151	0.0214	7.29E-05	5.73E-05	5.89E-05	1.68E-05	1.62E-05	3.14E-06	3.12E-06	2.2201E-04
608193.06	4200817.15	12932.60933	0.22498	0.22838	0.0421	0.04064	0.02157	0.02146	7.28E-05	5.65E-05	5.81E-05	1.71E-05	1.65E-05	3.15E-06	3.13E-06	2.2100E-04
608193.06	4200824.75	12911.24853	0.22203	0.22543	0.04287	0.04139	0.02163	0.02152	7.26E-05	5.58E-05	5.74E-05	1.75E-05	1.68E-05	3.16E-06	3.14E-06	2.2000E-04
608193.06	4200832.35	12889.58465	0.2191	0.22249	0.04365	0.04215	0.02169	0.02158	7.25E-05	5.50E-05	5.66E-05	1.78E-05	1.71E-05	3.17E-06	3.15E-06	2.1902E-04
608193.06	4200839.95	12867.43578	0.21619	0.21958	0.04442	0.04291	0.02175	0.02163	7.24E-05	5.43E-05	5.59E-05	1.81E-05	1.74E-05	3.18E-06	3.15E-06	2.1805E-04
608193.06	4200847.55	12845.0281	0.21331	0.21669	0.04521	0.04368	0.02181	0.02169	7.23E-05	5.36E-05	5.51E-05	1.84E-05	1.77E-05	3.19E-06	3.16E-06	2.1710E-04
608193.06	4200855.15	12822.23822	0.21046	0.21382	0.04599	0.04445	0.02186	0.02174	7.21E-05	5.29E-05	5.44E-05	1.87E-05	1.80E-05	3.19E-06	3.17E-06	2.1615E-04
608193.06	4200862.75	12799.06652	0.20763	0.21098	0.04678	0.04522	0.02192	0.02179	7.20E-05	5.21E-05	5.37E-05	1.91E-05	1.83E-05	3.20E-06	3.18E-06	2.1522E-04
608193.06	4200870.35	12775.7131	0.20483	0.20817	0.04757	0.046	0.02197	0.02184	7.19E-05	5.14E-05	5.30E-05	1.94E-05	1.87E-05	3.21E-06	3.18E-06	2.1431E-04
608199.93	4200733.55	13087.42709	0.25375	0.25703	0.03394	0.03273	0.02072	0.02065	7.36E-05	6.37E-05	6.54E-05	1.38E-05	1.33E-05	3.03E-06	3.01E-06	2.2985E-04
608199.93	4200741.15	13067.92661	0.25074	0.25403	0.03464	0.0334	0.0208	0.02072	7.35E-05	6.30E-05	6.46E-05	1.41E-05	1.35E-05	3.04E-06	3.02E-06	2.2878E-04
608199.93	4200748.75	13048.07749	0.24773	0.25103	0.03533	0.03407	0.02087	0.02079	7.34E-05	6.22E-05	6.39E-05	1.44E-05	1.38E-05	3.05E-06	3.03E-06	2.2770E-04
608199.93	4200756.35	13028.50168	0.24473	0.24804	0.03604	0.03476	0.02095	0.02086	7.33E-05	6.15E-05	6.31E-05	1.47E-05	1.41E-05	3.06E-06	3.04E-06	2.2664E-04
608199.93	4200763.95	13009.08419	0.24174	0.24505	0.03676	0.03545	0.02102	0.02093	7.32E-05	6.07E-05	6.23E-05	1.50E-05	1.44E-05	3.07E-06	3.05E-06	2.2560E-04
608199.93	4200771.55	12989.31537	0.23875	0.24207	0.03748	0.03615	0.02109	0.021	7.31E-05	6.00E-05	6.16E-05	1.53E-05	1.47E-05	3.08E-06	3.06E-06	2.2455E-04
608199.93	4200779.15	12968.98376	0.23578	0.2391	0.03821	0.03685	0.02116	0.02107	7.30E-05	5.92E-05	6.08E-05	1.56E-05	1.49E-05	3.09E-06	3.07E-06	2.2352E-04
608199.93	4200786.75	12948.53374	0.23282	0.23614	0.03894	0.03757	0.02123	0.02113	7.28E-05	5.85E-05	6.01E-05	1.59E-05	1.52E-05	3.10E-06	3.08E-06	2.2250E-04
608199.93	4200794.35	12927.96977	0.22987	0.2332	0.03968	0.03829	0.0213	0.0212	7.27E-05	5.77E-05	5.93E-05	1.62E-05	1.55E-05	3.11E-06	3.09E-06	2.2149E-04
608199.93	4200801.95	12907.19952	0.22694	0.23027	0.04042	0.03902	0.02136	0.02126	7.26E-05	5.70E-05	5.86E-05	1.65E-05	1.58E-05	3.12E-06	3.10E-06	2.2048E-04
608199.93	4200809.55	12886.17044	0.22402	0.22735	0.04117	0.03975	0.02143	0.02132	7.25E-05	5.63E-05	5.78E-05	1.68E-05	1.61E-05	3.13E-06	3.11E-06	2.1949E-04
608199.93	4200817.15	12865.06477	0.22113	0.22446	0.04193	0.04049	0.02149	0.02138	7.24E-05	5.55E-05	5.71E-05	1.71E-05	1.64E-05	3.14E-06	3.12E-06	2.1852E-04
608199.93	4200824.75	12843.84008	0.21827	0.22159	0.04269	0.04123	0.02155	0.02144	7.23E-05	5.48E-05	5.64E-05	1.74E-05	1.67E-05	3.15E-06	3.12E-06	2.1756E-04
608199.93	4200832.35	12822.62254	0.21543	0.21874	0.04345	0.04198	0.02161	0.02149	7.21E-05	5.41E-05	5.57E-05	1.77E-05	1.70E-05	3.16E-06	3.13E-06	2.1662E-04
608199.93	4200839.95	12800.83616	0.2126	0.21591	0.04422	0.04273	0.02167	0.02155	7.20E-05	5.34E-05	5.49E-05	1.80E-05	1.73E-05	3.16E-06	3.14E-06	2.1568E-04
608199.93	4200847.55	12778.792	0.2098	0.2131	0.04499	0.04348	0.02172	0.0216	7.19E-05	5.27E-05	5.42E-05	1.83E-05	1.76E-05	3.17E-06	3.15E-06	2.1476E-04
608199.93	4200855.15	12756.27365	0.20703	0.21031	0.04576	0.04424	0.02178	0.02165	7.18E-05	5.20E-05	5.35E-05	1.86E-05	1.79E-05	3.18E-06	3.16E-06	2.1385E-04
608199.93	4200862.75	12733.35961	0.20428	0.20755	0.04654	0.045	0.02183	0.0217	7.16E-05	5.13E-05	5.28E-05	1.90E-05	1.83E-05	3.19E-06	3.16E-06	2.1295E-04
608199.93	4200870.35	12710.26844	0.20155	0.20482	0.04732	0.04577	0.02188	0.02175	7.15E-05	5.06E-05	5.21E-05	1.93E-05	1.86E-05	3.20E-06	3.17E-06	2.1207E-04
608206.8	4200733.55	13018.21097	0.24901	0.25222	0.03388	0.03267	0.02065	0.02058	7.32E-05	6.25E-05	6.42E-05	1.38E-05	1.33E-05	3.02E-06	3.00E-06	2.2700E-04
608206.8	4200741.15	12999.03498	0.2461	0.24932	0.03456	0.03333	0.02073	0.02065	7.31E-05	6.18E-05	6.34E-05	1.41E-05	1.35E-05	3.03E-06	3.01E-06	2.2597E-04
608206.8	4200748.75	12979.49821	0.24318	0.24641	0.03525	0.034	0.0208	0.02072	7.30E-05	6.11E-05	6.27E-05	1.44E-05	1.38E-05	3.04E-06	3.02E-06	2.2493E-04
608206.8	4200756.35	12959.94834	0.24027	0.24351	0.03595	0.03468	0.02088	0.02079	7.29E-05	6.03E-05	6.20E-05	1.46E-05	1.41E-05	3.05E-06	3.03E-06	2.2392E-04
608206.8	4200763.95	12940.6424	0.23737	0.24061	0.03665	0.03536	0.02095	0.02086	7.28E-05	5.96E-05	6.12E-05	1.49E-05	1.43E-05	3.06E-06	3.04E-06	2.2290E-04
608206.8	4200771.55	12921.19893	0.23448	0.23773	0.03737	0.03606	0.02102	0.02093	7.27E-05	5.89E-05	6.05E-05	1.52E-05	1.46E-05	3.07E-06	3.05E-06	2.2191E-04
608206.8	4200779.15	12901.20277	0.2316	0.23485	0.03808	0.03676	0.02109	0.02099	7.26E-05	5.82E-05	5.98E-05	1.55E-05	1.49E-05	3.08E-06	3.06E-06	2.2092E-04
608206.8	4200786.75	12880.98223	0.22872	0.23197	0.03881	0.03746	0.02115	0.02106	7.25E-05	5.74E-05	5.90E-05	1.58E-05	1.52E-05	3.09E-06	3.07E-06	2.1993E-04
608206.8	4200794.35	12860.64545	0.22586	0.22912	0.03954	0.03817	0.02122	0.02112	7.24E-05	5.67E-05	5.83E-05	1.61E-05	1.55E-05	3.10E-06	3.08E-06	2.1896E-04
608206.8	4200801.95	12840.10502	0.22302	0.22627	0.04027	0.03889	0.02128	0.02118	7.22E-05	5.60E-05	5.76E-05	1.64E-05	1.58E-05	3.11E-06	3.09E-06	2.1799E-04
608206.8	4200809.55	12819.42065	0.22019	0.22344	0.04101	0.03961	0.02135	0.02124	7.21E-05	5.53E-05	5.68E-05	1.67E-05	1.61E-05	3.12E-06	3.10E-06	2.1704E-04
608206.8	4200817.15	12798.45715	0.21738	0.22063	0.04176	0.04034	0.02141	0.0213	7.20E-05	5.46E-05	5.61E-05	1.70E-05	1.64E-05	3.13E-06	3.10E-06	2.1610E-04
608206.8	4200824.75	12777.16387	0.21459	0.21784	0.04251	0.04107	0.02147	0.02136	7.19E-05	5.39E-05	5.54E-05	1.73E-05	1.67E-05	3.14E-06	3.11E-06	2.1517E-04
608206.8	4200832.35	12756.08019	0.21183	0.21507	0.04326	0.0418	0.02153	0.02141	7.18E-05	5.32E-05	5.47E-05	1.76E-05	1.70E-05	3.14E-06	3.12E-06	2.1426E-04
608206.8	4200839.95	12734.85497	0.20909	0.21232	0.04401	0.04254	0.02158	0.02147	7.16E-05	5.25E-05	5.40E-05	1.79E-05	1.73E-05	3.15E-06	3.13E-06	2.1336E-04
608206.8	4200847.55	12713.17351	0.20637	0.20959	0.04477	0.04329	0.02164	0.02152	7.15E-05	5.18E-05	5.33E-05	1.82E-05	1.76E-05	3.16E-06	3.14E-06	2.1247E-04
608206.8	4200855.15	12690.92045	0.20367	0.20688	0.04554	0.04404	0.02169	0.02157	7.14E-05	5.12E-05	5.26E-05	1.85E-05	1.79E-05	3.17E-06	3.14E-06	2.1159E-04
608206.8	4200862.75	12668.2602	0.201	0.2042	0.0463	0.04479	0.02175	0.02162	7.13E-05	5.05E-05	5.20E-05	1.89E-05	1.82E-05	3.18E-06	3.15E-06	2.1073E-04
608206.8	4200870.35	12645.42899	0.19835	0.20154	0.04707	0.04554	0.0218	0.02167	7.11E-05	4.98E-05	5.13E-05	1.92E-05	1.85E-05	3.18E-06	3.16E-06	2.0988E-04
608213.67	4200733.55	12949.75901	0.2444	0.24754	0.03381	0.03261	0.02058	0.02051	7.29E-05	6.14E-05	6.30E-05	1.38E-05	1.32E-05	3.01E-06	2.99E-06	2.2421E-04
608213.67	4200741.15	12930.90187	0.24158	0.24473	0.03448	0.03327	0.02066	0.02058	7.27E-05	6.07E-05	6.23E-05	1.40E-05	1.35E-05	3.02E-06	3.00E-06	2.2322E-04
608213.67	4200748.75	12911.47049	0.23875	0.24191	0.03516	0.03393	0.02073	0.02065	7.26E-05	6.00E-05	6.15E-05	1.43E-05	1.38E-05	3.03E-06	3.01E-06	2.2223E-04
608213.67	4200756.35	12892.04082	0.23593	0.23909	0.03585	0.0346	0.0208	0.02072	7.25E-05	5.93E-05	6.08E-05	1.46E-05	1.40E-05	3.04E-06	3.02E-06	2.2125E-04
608213.67	4200763.95	12872.7428	0.23312	0.23629	0.03655	0.03528	0.02087	0.02079	7.24E-05	5.85E-05	6.01E-05	1.49E-05	1.43E-05	3.05E-06	3.03E-06	2.2028E-04
608213.67	4200771.55	12853.516	0.23032	0.23349	0.03725	0.03596	0.02094	0.02085	7.23E-05	5.78E-05	5.94E-05	1.52E-05	1.46E-05	3.06E-06	3.04E-06	2.1932E-04
608213.67	4200779.15	12833.85394	0.22752	0.23069	0.03796	0.03665	0.02101	0.02092	7.22E-05	5.71E-05	5.87E-05	1.55E-05	1.49E-05	3.07E-06	3.05E-06	2.1836E-04
608213.67	4200786.75	12813.96486	0.22473	0.22791	0.03868	0.03735	0.02108	0.02098	7.21E-05	5.64E-05	5.80E-05	1.58E-05	1.52E-05	3.08E-06	3.06E-06	2.1742E-04
608213.67	4200794.35	12793.95648	0.22196	0.22514	0.0394	0.03805	0.02114	0.02104	7.20E-05	5.57E-05	5.73E-05	1.60E-05	1.54E-05	3.09E-06	3.07E-06	2.1648E-04
608213.67	4200801.95	12773.6417	0.2192	0.22237	0.04012	0.03876	0.02121	0.0211	7.19E-05	5.51E-05	5.66E-05	1.63E-05	1.57E-05	3.10E-06	3.08E-06	2.1555E-04
608213.67	4200809.55	12753.19399	0.21645	0.21963	0.04085	0.03947	0.02127	0.02116	7.17E-05	5.44E-05	5.59E-05	1.66E-05	1.60E-05	3.11E-06	3.08E-06	2.1463E-04
608213.67	4200817.15	12732.46741	0.21372	0.2169	0.04159	0.04019	0.02133	0.02122	7.16E-05	5.37E-05	5.52E-05	1.69E-05	1.63E-05	3.11E-06	3.09E-06	2.1373E-04
608213.67	4200824.75	12711.41282	0.21101	0.21418	0.04232	0.04091	0.02139	0.02127	7.15E-05	5.30E-05	5.45E-05	1.72E-05	1.66E-05	3.12E-06	3.10E-06	2.1283E-04
608213.67	4200832.35	12690.2553	0.20832	0.21149	0.04307	0.04164	0.02144	0.02133	7.14E-05	5.23E-05	5.38E-05	1.75E-05	1.69E-05	3.13E-06	3.11E-06	2.1195E-04
608213.67	4200839.95	12669.3766	0.20566	0.20882	0.04381	0.04237	0.0215	0.02138	7.13E-05	5.17E-05	5.31E-05	1.78E-05	1.72E-05	3.14E-06	3.12E-06	2.1108E-04
608213.67	4200847.55	12648.16029	0.20302	0.20616	0.04456	0.0431	0.02156	0.02144	7.12E-05	5.10E-05	5.25E-05	1.81E-05	1.75E-05	3.15E-06	3.12E-06	2.1023E-04
608213.67	4200855.15	12626.16853	0.20039	0.20353	0.04531	0.04384	0.02161	0.02149	7.10E-05	5.03E-05	5.18E-05	1.85E-05	1.78E-05	3.16E-06	3.13E-06	2.0938E-04
608213.67	4200862.75	12603.76378	0.19779	0.20092	0.04606	0.04458	0.02166	0.02153	7.09E-05	4.97E-05	5.11E-05	1.88E-05	1.81E-05	3.16E-06	3.14E-06	2.0854E-04
608213.67	4200870.35	12581.18361	0.19521	0.19833	0.04682	0.04532	0.02171	0.02158	7.08E-05	4.90E-05	5.05E-05	1.91E-05	1.84E-05	3.17E-06	3.15E-06	2.0772E-04
608220.54	4200733.55	12881.95907	0.23991	0.24297	0.03373	0.03256	0.02052	0.02044	7.25E-05	6.03E-05	6.18E-05	1.37E-05	1.32E-05	3.00E-06	2.98E-06	2.2149E-04
608220.54	4200741.15	12863.31688	0.23718	0.24025	0.0344	0.0332	0.02059	0.02051	7.24E-05	5.96E-05	6.11E-05	1.40E-05	1.35E-05	3.01E-06	2.99E-06	2.2054E-04
608220.54	4200748.75	12844.19037	0.23444	0.23752	0.03508	0.03386	0.02066	0.02058	7.23E-05	5.89E-05	6.04E-05	1.43E-05	1.37E-05	3.02E-06	3.00E-06	2.1959E-04

608220.54	4200756.35	12824.87744	0.2317	0.23479	0.03576	0.03452	0.02073	0.02065	7.21E-05	5.82E-05	5.97E-05	1.46E-05	1.40E-05	3.03E-06	3.01E-06	2.1864E-04
608220.54	4200763.95	12805.58758	0.22897	0.23207	0.03645	0.03519	0.0208	0.02071	7.20E-05	5.75E-05	5.90E-05	1.48E-05	1.43E-05	3.04E-06	3.02E-06	2.1771E-04
608220.54	4200771.55	12786.36637	0.22625	0.22935	0.03714	0.03586	0.02087	0.02078	7.19E-05	5.68E-05	5.84E-05	1.51E-05	1.45E-05	3.05E-06	3.03E-06	2.1678E-04
608220.54	4200779.15	12766.82602	0.22354	0.22664	0.03784	0.03655	0.02094	0.02084	7.18E-05	5.61E-05	5.77E-05	1.54E-05	1.48E-05	3.06E-06	3.04E-06	2.1586E-04
608220.54	4200786.75	12747.26328	0.22083	0.22394	0.03854	0.03723	0.021	0.0209	7.17E-05	5.55E-05	5.70E-05	1.57E-05	1.51E-05	3.07E-06	3.05E-06	2.1495E-04
608220.54	4200794.35	12727.78513	0.21814	0.22125	0.03926	0.03793	0.02107	0.02097	7.16E-05	5.48E-05	5.63E-05	1.60E-05	1.54E-05	3.08E-06	3.06E-06	2.1406E-04
608220.54	4200801.95	12707.80231	0.21546	0.21857	0.03997	0.03863	0.02113	0.02103	7.15E-05	5.41E-05	5.56E-05	1.63E-05	1.57E-05	3.09E-06	3.07E-06	2.1316E-04
608220.54	4200809.55	12687.59153	0.2128	0.2159	0.04069	0.03933	0.02119	0.02108	7.14E-05	5.34E-05	5.49E-05	1.66E-05	1.60E-05	3.09E-06	3.07E-06	2.1228E-04
608220.54	4200817.15	12667.10109	0.21015	0.21325	0.04141	0.04004	0.02125	0.02114	7.13E-05	5.28E-05	5.43E-05	1.69E-05	1.62E-05	3.10E-06	3.08E-06	2.1140E-04
608220.54	4200824.75	12646.27833	0.20751	0.21061	0.04214	0.04075	0.02131	0.02119	7.11E-05	5.21E-05	5.36E-05	1.72E-05	1.65E-05	3.11E-06	3.09E-06	2.1054E-04
608220.54	4200832.35	12625.14555	0.2049	0.20799	0.04287	0.04147	0.02136	0.02125	7.10E-05	5.15E-05	5.29E-05	1.75E-05	1.68E-05	3.12E-06	3.10E-06	2.0969E-04
608220.54	4200839.95	12604.61194	0.20231	0.20539	0.04361	0.04219	0.02142	0.0213	7.09E-05	5.08E-05	5.23E-05	1.78E-05	1.71E-05	3.13E-06	3.10E-06	2.0885E-04
608220.54	4200847.55	12583.64809	0.19974	0.20281	0.04435	0.04291	0.02147	0.02135	7.08E-05	5.02E-05	5.16E-05	1.81E-05	1.74E-05	3.14E-06	3.11E-06	2.0803E-04
608220.54	4200855.15	12562.01311	0.19718	0.20025	0.04509	0.04364	0.02152	0.0214	7.07E-05	4.95E-05	5.09E-05	1.84E-05	1.77E-05	3.14E-06	3.12E-06	2.0721E-04
608220.54	4200862.75	12539.85963	0.19465	0.19771	0.04583	0.04437	0.02158	0.02145	7.05E-05	4.89E-05	5.03E-05	1.87E-05	1.80E-05	3.15E-06	3.13E-06	2.0640E-04
608220.54	4200870.35	12517.52733	0.19214	0.19519	0.04657	0.0451	0.02162	0.02149	7.04E-05	4.83E-05	4.97E-05	1.90E-05	1.83E-05	3.16E-06	3.13E-06	2.0560E-04
608227.41	4200733.55	12814.59701	0.23553	0.23853	0.03367	0.0325	0.02045	0.02037	7.21E-05	5.92E-05	6.07E-05	1.37E-05	1.32E-05	2.99E-06	2.97E-06	2.1883E-04
608227.41	4200741.15	12796.16632	0.23289	0.23589	0.03432	0.03314	0.02052	0.02044	7.20E-05	5.85E-05	6.00E-05	1.40E-05	1.34E-05	3.00E-06	2.98E-06	2.1791E-04
608227.41	4200748.75	12777.4463	0.23024	0.23325	0.03499	0.03379	0.02059	0.02051	7.19E-05	5.78E-05	5.93E-05	1.43E-05	1.37E-05	3.01E-06	2.99E-06	2.1701E-04
608227.41	4200756.35	12758.45101	0.22758	0.23061	0.03566	0.03444	0.02066	0.02057	7.18E-05	5.72E-05	5.87E-05	1.45E-05	1.40E-05	3.02E-06	3.00E-06	2.1610E-04
608227.41	4200763.95	12739.26856	0.22493	0.22796	0.03634	0.0351	0.02073	0.02064	7.17E-05	5.65E-05	5.80E-05	1.48E-05	1.42E-05	3.03E-06	3.01E-06	2.1520E-04
608227.41	4200771.55	12720.0568	0.22229	0.22532	0.03703	0.03577	0.02079	0.0207	7.16E-05	5.58E-05	5.73E-05	1.51E-05	1.45E-05	3.04E-06	3.02E-06	2.1431E-04
608227.41	4200779.15	12700.53228	0.21965	0.22269	0.03772	0.03644	0.02086	0.02077	7.14E-05	5.52E-05	5.67E-05	1.54E-05	1.48E-05	3.05E-06	3.03E-06	2.1342E-04
608227.41	4200786.75	12681.18518	0.21703	0.22007	0.03841	0.03712	0.02092	0.02083	7.13E-05	5.45E-05	5.60E-05	1.56E-05	1.51E-05	3.06E-06	3.04E-06	2.1254E-04
608227.41	4200794.35	12661.92287	0.21442	0.21746	0.03911	0.0378	0.02099	0.02089	7.12E-05	5.39E-05	5.53E-05	1.59E-05	1.53E-05	3.07E-06	3.04E-06	2.1167E-04
608227.41	4200801.95	12642.47369	0.21182	0.21486	0.03982	0.03849	0.02105	0.02095	7.11E-05	5.32E-05	5.47E-05	1.62E-05	1.56E-05	3.07E-06	3.05E-06	2.1082E-04
608227.41	4200809.55	12622.59581	0.20923	0.21227	0.04053	0.03919	0.02111	0.021	7.10E-05	5.25E-05	5.40E-05	1.65E-05	1.59E-05	3.08E-06	3.06E-06	2.0997E-04
608227.41	4200817.15	12602.33841	0.20665	0.20969	0.04124	0.03989	0.02117	0.02106	7.09E-05	5.19E-05	5.34E-05	1.68E-05	1.62E-05	3.09E-06	3.07E-06	2.0912E-04
608227.41	4200824.75	12581.74793	0.20409	0.20712	0.04196	0.04059	0.02123	0.02111	7.08E-05	5.13E-05	5.27E-05	1.71E-05	1.65E-05	3.10E-06	3.08E-06	2.0829E-04
608227.41	4200832.35	12560.94524	0.20155	0.20457	0.04268	0.0413	0.02128	0.02117	7.07E-05	5.06E-05	5.20E-05	1.74E-05	1.68E-05	3.11E-06	3.09E-06	2.0747E-04
608227.41	4200839.95	12540.34901	0.19903	0.20205	0.04341	0.04201	0.02134	0.02122	7.05E-05	5.00E-05	5.14E-05	1.77E-05	1.70E-05	3.12E-06	3.09E-06	2.0666E-04
608227.41	4200847.55	12519.62496	0.19653	0.19954	0.04413	0.04272	0.02139	0.02127	7.04E-05	4.94E-05	5.08E-05	1.80E-05	1.73E-05	3.12E-06	3.10E-06	2.0586E-04
608227.41	4200855.15	12498.444	0.19405	0.19705	0.04486	0.04344	0.02144	0.02132	7.03E-05	4.87E-05	5.01E-05	1.83E-05	1.76E-05	3.13E-06	3.11E-06	2.0507E-04
608227.41	4200862.75	12476.53928	0.19159	0.19457	0.04559	0.04416	0.02149	0.02136	7.02E-05	4.81E-05	4.95E-05	1.86E-05	1.79E-05	3.14E-06	3.11E-06	2.0429E-04
608227.41	4200870.35	12454.45383	0.18914	0.19212	0.04633	0.04488	0.02154	0.02141	7.01E-05	4.75E-05	4.89E-05	1.89E-05	1.82E-05	3.15E-06	3.12E-06	2.0352E-04
608234.28	4200741.15	12729.44233	0.2287	0.23164	0.03425	0.03307	0.02045	0.02037	7.16E-05	5.74E-05	5.89E-05	1.40E-05	1.34E-05	2.99E-06	2.97E-06	2.1535E-04
608234.28	4200748.75	12711.02807	0.22613	0.22908	0.03491	0.03371	0.02052	0.02044	7.15E-05	5.68E-05	5.83E-05	1.42E-05	1.37E-05	3.00E-06	2.98E-06	2.1448E-04
608234.28	4200756.35	12692.34375	0.22356	0.22652	0.03557	0.03436	0.02059	0.0205	7.14E-05	5.61E-05	5.76E-05	1.45E-05	1.39E-05	3.01E-06	2.99E-06	2.1361E-04
608234.28	4200763.95	12673.56637	0.221	0.22396	0.03624	0.03501	0.02066	0.02057	7.13E-05	5.55E-05	5.70E-05	1.48E-05	1.42E-05	3.02E-06	3.00E-06	2.1274E-04
608234.28	4200771.55	12654.56924	0.21843	0.2214	0.03692	0.03567	0.02072	0.02063	7.12E-05	5.49E-05	5.63E-05	1.50E-05	1.45E-05	3.03E-06	3.01E-06	2.1189E-04
608234.28	4200779.15	12635.36549	0.21587	0.21884	0.0376	0.03633	0.02079	0.02069	7.11E-05	5.42E-05	5.57E-05	1.53E-05	1.47E-05	3.04E-06	3.02E-06	2.1103E-04
608234.28	4200786.75	12616.03001	0.21332	0.21629	0.03828	0.037	0.02085	0.02075	7.10E-05	5.36E-05	5.50E-05	1.56E-05	1.50E-05	3.04E-06	3.02E-06	2.1018E-04
608234.28	4200794.35	12596.67441	0.21078	0.21375	0.03898	0.03768	0.02091	0.02081	7.09E-05	5.29E-05	5.44E-05	1.59E-05	1.53E-05	3.05E-06	3.03E-06	2.0935E-04
608234.28	4200801.95	12577.75435	0.20826	0.21123	0.03967	0.03836	0.02097	0.02087	7.08E-05	5.23E-05	5.37E-05	1.62E-05	1.56E-05	3.06E-06	3.04E-06	2.0852E-04
608234.28	4200809.55	12558.20532	0.20575	0.20872	0.04037	0.03905	0.02103	0.02093	7.06E-05	5.17E-05	5.31E-05	1.64E-05	1.58E-05	3.07E-06	3.05E-06	2.0771E-04
608234.28	4200817.15	12538.27385	0.20324	0.20621	0.04108	0.03974	0.02109	0.02098	7.05E-05	5.10E-05	5.25E-05	1.67E-05	1.61E-05	3.08E-06	3.06E-06	2.0690E-04
608234.28	4200824.75	12517.81046	0.20075	0.20371	0.04178	0.04043	0.02115	0.02103	7.04E-05	5.04E-05	5.18E-05	1.70E-05	1.64E-05	3.09E-06	3.07E-06	2.0609E-04
608234.28	4200832.35	12497.23363	0.19828	0.20124	0.04249	0.04113	0.0212	0.02109	7.03E-05	4.98E-05	5.12E-05	1.73E-05	1.67E-05	3.10E-06	3.07E-06	2.0529E-04
608234.28	4200839.95	12476.57294	0.19583	0.19877	0.04321	0.04183	0.02125	0.02114	7.02E-05	4.92E-05	5.06E-05	1.76E-05	1.70E-05	3.10E-06	3.08E-06	2.0451E-04
608234.28	4200847.55	12455.98792	0.19339	0.19633	0.04392	0.04253	0.02131	0.02119	7.01E-05	4.86E-05	5.00E-05	1.79E-05	1.73E-05	3.11E-06	3.09E-06	2.0373E-04
608234.28	4200855.15	12435.25676	0.19098	0.19391	0.04464	0.04324	0.02136	0.02123	7.00E-05	4.80E-05	4.93E-05	1.82E-05	1.75E-05	3.12E-06	3.09E-06	2.0298E-04
608234.28	4200862.75	12413.80395	0.18858	0.1915	0.04536	0.04395	0.02141	0.02128	6.98E-05	4.74E-05	4.87E-05	1.85E-05	1.78E-05	3.13E-06	3.10E-06	2.0222E-04
608234.28	4200870.35	12392.05859	0.18621	0.18912	0.04608	0.04466	0.02145	0.02132	6.97E-05	4.68E-05	4.81E-05	1.88E-05	1.81E-05	3.13E-06	3.11E-06	2.0148E-04
608240.38	4200722.19	12716.67085	0.2313	0.23416	0.03258	0.03146	0.02021	0.02014	7.15E-05	5.81E-05	5.96E-05	1.33E-05	1.28E-05	2.95E-06	2.94E-06	2.1524E-04
608240.73	4200729.53	12695.45718	0.22868	0.23155	0.03319	0.03205	0.02028	0.0202	7.14E-05	5.74E-05	5.89E-05	1.35E-05	1.30E-05	2.96E-06	2.94E-06	2.1428E-04
608241.15	4200741.15	12663.441	0.22462	0.2275	0.03417	0.033	0.02038	0.0203	7.12E-05	5.64E-05	5.79E-05	1.39E-05	1.34E-05	2.98E-06	2.96E-06	2.1284E-04
608241.15	4200748.75	12645.02768	0.22213	0.22501	0.03482	0.03364	0.02045	0.02037	7.11E-05	5.58E-05	5.72E-05	1.42E-05	1.36E-05	2.99E-06	2.97E-06	2.1200E-04
608241.15	4200756.35	12626.6514	0.21964	0.22253	0.03547	0.03427	0.02052	0.02043	7.10E-05	5.52E-05	5.66E-05	1.44E-05	1.39E-05	3.00E-06	2.98E-06	2.1116E-04
608241.15	4200763.95	12608.37218	0.21715	0.22005	0.03614	0.03492	0.02058	0.02049	7.09E-05	5.45E-05	5.60E-05	1.47E-05	1.42E-05	3.01E-06	2.99E-06	2.1034E-04
608241.15	4200771.55	12589.79282	0.21467	0.21757	0.0368	0.03557	0.02065	0.02056	7.08E-05	5.39E-05	5.54E-05	1.50E-05	1.44E-05	3.02E-06	3.00E-06	2.0951E-04
608241.15	4200779.15	12570.80449	0.21218	0.21509	0.03748	0.03623	0.02071	0.02062	7.07E-05	5.33E-05	5.47E-05	1.53E-05	1.47E-05	3.02E-06	3.01E-06	2.0869E-04
608241.15	4200786.75	12551.58276	0.20971	0.21261	0.03816	0.03689	0.02077	0.02068	7.06E-05	5.27E-05	5.41E-05	1.55E-05	1.50E-05	3.03E-06	3.01E-06	2.0788E-04
608241.15	4200794.35	12532.43602	0.20724	0.21014	0.03884	0.03756	0.02084	0.02074	7.05E-05	5.20E-05	5.35E-05	1.58E-05	1.52E-05	3.04E-06	3.02E-06	2.0707E-04
608241.15	4200801.95	12513.63728	0.20479	0.20769	0.03952	0.03823	0.0209	0.02079	7.04E-05	5.14E-05	5.28E-05	1.61E-05	1.55E-05	3.05E-06	3.03E-06	2.0628E-04
608241.15	4200809.55	12494.4122	0.20235	0.20525	0.04021	0.03891	0.02095	0.02085	7.03E-05	5.08E-05	5.22E-05	1.64E-05	1.58E-05	3.06E-06	3.04E-06	2.0549E-04
608241.15	4200817.15	12474.70235	0.19991	0.20281	0.04091	0.03959	0.02101	0.0209	7.02E-05	5.02E-05	5.16E-05	1.67E-05	1.61E-05	3.07E-06	3.05E-06	2.0471E-04
608241.15	4200824.75	12454.56251	0.19749	0.20039	0.0416	0.04027	0.02107	0.02095	7.01E-05	4.96E-05	5.10E-05	1.69E-05	1.63E-05	3.08E-06	3.05E-06	2.0393E-04
608241.15	4200832.35	12434.21238	0.19509	0.19798	0.0423	0.04096	0.02112	0.02101	7.00E-05	4.90E-05	5.04E-05	1.72E-05	1.66E-05	3.08E-06	3.06E-06	2.0316E-04
608241.15	4200839.95	12413.68201	0.1927	0.19558	0.04301	0.04165	0.02117	0.02106	6.98E-05	4.84E-05	4.98E-05	1.75E-05	1.69E-05	3.09E-06	3.07E-06	2.0241E-04
608241.15	4200847.55	12393.13644	0.19033	0.1932	0.04371	0.04234	0.02122	0.0211	6.97E-05	4.78E-05	4.92E-05	1.78E-05	1.72E-05	3.10E-06	3.08E-06	2.0165E-04
608241.15	4200855.15	12372.33786	0.18798	0.19084	0.04442	0.04304	0.02127	0.02115	6.96E-05	4.72E-05	4.86E-05	1.81E-05	1.75E-05	3.11E-06	3.08E-06	2.0092E-04
608241.15	4200862.75	12351.43528	0.18565	0.1885	0.04513	0.04374	0.02132	0.0212	6.95E-05	4.66E-05	4.80E-05	1.84E-05	1.77E-05	3.11E-06	3.09E-06	2.0019E-04
608241.15	4200870.35	12330.03217	0.18334	0.18618	0.04584	0.04444	0.02137	0.02124	6.94E-05	4.60E-05	4.74E-05	1.87E-05	1.80E-05	3.12E-06	3.10E-06	1.9948E-04
608248.02	4200741.15	12598.25102	0.22065	0.22346	0.03409	0.03293	0.02031	0.02023	7.09E-05	5.54E-05	5.69E-05	1.39E-05	1.34E-05	2.97E-06	2.95E-06	2.1039E-04
608248.02	4200748.75	12579.839	0.21823	0.22105	0.03473	0.03356	0.02038	0.02029	7.08E-05	5.48E-05	5.62E-05	1.41E-05	1.36E-05	2.98E-06	2.96E-06	2.0958E-04
608248.02	4200756.35	12561.76574	0.21582	0.21864	0.03538	0.03419	0.02045	0.02036	7.07E-05	5.42E-05	5.56E-05	1.44E-05	1.39E-05	2.99E-06	2.97E-06	2.0878E-04
608248.02	4200763.95	12543.78203	0.21341	0.21624	0.03603	0.03483	0.02051	0.02042	7.06E-05	5.36E-05	5.50E-05	1.47E-05	1.41E-05	3.00E-06	2.98E-06	2.0798E-04
608248.02	4200771.55	12525.51336	0.21099	0.21383	0.03669	0.03547	0.02058	0.02048	7.05E-05	5.30E-05	5.44E-05	1.49E-05	1.44E-05	3.01E-06	2.99E-06	2.0719E-04
608248.02	4200779.15	12506.74281	0.20858	0.21142	0.03736	0.03612	0.02064	0.02054	7.04E-05	5.24E-05	5.38E-05	1.52E-05	1.47E-05	3.01E-06	2.99E-06	2.0640E-04
608248.02	4200786.75	12487.73117	0.20618	0.20902	0.03803	0.03678	0.0207	0.0206	7.03E-05	5.18E-05	5.32E-05	1.55E-05	1.49E-05	3.02E-06	3.00E-06	2.0562E-04
608248.02	4200794.35	12468.79082	0.20378	0.20662	0.0387	0.03743	0.02076	0.02066	7.01E-05	5.12E-05	5.26E-05	1.58E-05	1.52E-05	3.03E-06	3.01E-06	2.0484E-04
608248.02	4200801.95	12449.91112	0.20139	0.20423	0.03938	0.0381	0.02082	0.02072	7.00E-05	5.06E-05	5.20E-05	1.60E-05	1.55E-05	3.04E-06	3.02E-06	2.0407E-04
608248.02	4200809.55	12431.0098	0.19902	0.20186	0.04006	0.03877	0.02088	0.02077	6.99E-05	5.00E-05	5.14E-05	1.63E-05	1.57E-05	3.05E-06	3.03E-06	2.0332E-04
608248.02	4200817.15	12411.61743	0.19666	0.19949	0.04074	0.03944	0.02093	0.02082	6.98E-05	4.94E-05	5.08E-05	1.66E-05	1.60E-05	3.06E-06	3.03E-06	2.0256E-04
608248.02	4200824.75	12391.79764	0.1943	0.19714	0.04143	0.04011	0.02099	0.02088	6.97E-05	4.88E-05	5.02E-05	1.69E-05	1.63E-05	3.07E-06	3.04E-06	2.0181E-04
608248.02	4200832.35	12371.67019	0.19196	0.19479	0.04212	0.04079	0.02104	0.02093	6.96E-05	4.82E-05	4.96E-05	1.72E-05	1.65E-05	3.07E-06	3.05E-06	2.0107E-04
608248.02	4200839.95	12351.47206	0.18964	0.19246	0.04282	0.04147	0.02109	0.02097	6.95E-05	4.76E-05	4.90E-05	1.74E-05	1.68E-05	3.08E-06	3.06E-06	2.0034E-04
608248.02	4200847.55	12330.96079	0.18733	0.19014	0.04351	0.04216	0.02114	0.02102	6.94E-05	4.70E-05	4.84E-05	1.77E-05	1.71E-05	3.09E-06	3.06E-06	1.9962E-04
608248.02	4200855.15	12310.29499	0.18504	0.18784	0.04421	0.04284	0.02119	0.02107	6.93E-05	4.65E-05	4.78E-05	1.80E-05	1.74E-05	3.09E-06	3.07E-06	1.9890E-04
608248.02	4200862.75	12289.42751	0.18277	0.18556	0.04491	0.04353	0.02124	0.02111	6.91E-05	4.59E-05	4.72E-05	1.83E-05	1.77E-05	3.10E-06	3.08E-06	1.9820E-04
608248.02	4200870.35	12268.4655	0.18052	0.1833	0.0456	0.04422	0.02128	0.02116	6.90E-05	4.53E-05	4.66E-05	1.86E-05	1.79E-05	3.11E-06	3.08E-06	1.9750E-04
608248.07	4200730.93	12622.27993	0.22387	0.22667	0.03323	0.0321	0.02022	0.02014	7.10E-05	5.62E-05	5.77E-05	1.35E-05	1.30E-05	2.95E-06	2.94E-06	2.1146E-04
608248.42	4200723.59	12636.54902	0.22599	0.22877	0.03262	0.03151	0.02014	0.02007	7.11E-05	5.68E-05	5.82E-05	1.33E-05	1.28E-05	2.94E-06	2.93E-06	2.1212E-04
608254.89	4200741.15	12533.76704	0.21678	0.21953	0.034	0.03287	0.02024	0.02016	7.05E-05	5.44E-05	5.59E-05	1.38E-05	1.33E-05	2.96E-06	2.94E-06	2.0799E-04
608254.89	4200748.75	12515.5592	0.21443	0.21719	0.03464	0.03349	0.02031	0.02022	7.04E-05	5.39E-05	5.53E-05	1.41E-05	1.36E-05	2.97E-06	2.95E-06	2.0721E-04
608254.89	4200756.35	12497.58309	0.21209	0.21485	0.03528	0.03411	0.02037	0.02029	7.03E-05	5.33E-05	5.47E-05	1.44E-05	1.38E-05	2.97E-06	2.96E-06	2.0644E-04
608254.89	4200763.95	12479.6862	0.20975	0.21252	0.03593	0.03474	0.02044	0.02035	7.02E-05	5.27E-05	5.41E-05	1.46E-05	1.41E-05	2.98E-06	2.97E-06	2.0568E-04
608254.89	4200771.55	12461.72594	0.20741	0.21018	0.03658	0.03538	0.0205	0.02041	7.01E-05	5.21E-05	5.35E-05	1.49E-05	1.44E-05	2.99E-06	2.97E-06	2.0492E-04
608254.89	4200779.15	12443.27202	0.20507	0.20784	0.03724	0.03602	0.02057	0.02047	7.00E-05	5.15E-05	5.29E-05	1.52E-05	1.46E-05	3.00E-06	2.98E-06	2.0416E-04
608254.89	4200786.75	12424.56161	0.20273	0.20551	0.0379	0.03666	0.02063	0.02053	6.99E-05	5.09E-05	5.23E-05	1.54E-05	1.49E-05	3.01E-06	2.99E-06	2.0341E-04
608254.89	4200794.35	12405.72822	0.2004	0.20318	0.03856	0.03731	0.02068	0.02058	6.98E-05	5.03E-05	5.17E-05	1.57E-05	1.51E-05	3.02E-06	3.00E-06	2.0265E-04
608254.89	4200801.95	12386.7669	0.19808	0.20086	0.03923	0.03797	0.02074	0.02064	6.97E-05	4.97E-05	5.11E-05	1.60E-05	1.54E-05	3.03E-06	3.01E-06	2.0192E-04
608254.89	4200809.55	12368.08697	0.19577	0.19855	0.0399	0.03863	0.0208	0.02069	6.96E-05	4.92E-05	5.05E-05	1.63E-05	1.57E-05	3.04E-06	3.02E-06	2.0118E-04
608254.89	4200817.15	12349.00699	0.19347	0.19625	0.04058	0.03929	0.02085	0.02075	6.95E-05	4.86E-05	4.99E-05	1.65E-05	1.59E-05	3.04E-06	3.02E-06	2.0046E-04
608254.89	4200824.75	12329.60812	0.19119	0.19396	0.04126	0.03996	0.02091	0.0208	6.94E-05	4.80E-05	4.93E-05	1.68E-05	1.62E-05	3.05E-06	3.03E-06	1.9974E-04
608254.89	4200832.35	12309.69943	0.18891	0.19168	0.04194	0.04062	0.02096	0.02085	6.93E-05	4.74E-05	4.88E-05	1.71E-05	1.65E-05	3.06E-06	3.04E-06	1.9902E-04
608254.89	4200839.95	12289.73459	0.18665	0.18941	0.04262	0.0413	0.02101	0.02089	6.91E-05	4.69E-05	4.82E-05	1.74E-05	1.68E-05	3.07E-06	3.04E-06	1.9832E-04
608254.89	4200847.55	12269.55399	0.1844	0.18715	0.04331	0.04197	0.02106	0.02094	6.90E-05	4.63E-05	4.76E-05	1.76E-05	1.70E-05	3.08E-06	3.05E-06	1.9762E-04
608254.89	4200855.15	12248.91594	0.18217	0.18491	0.04399	0.04265	0.02111	0.02099	6.89E-05	4.58E-05	4.70E-05	1.79E-05	1.73E-05	3.08E-06	3.06E-06	1.9692E-04
608254.89	4200862.75	12228.08139	0.17996	0.18269	0.04468	0.04333	0.02115	0.02103	6.88E-05	4.52E-05	4.65E-05	1.82E-05	1.76E-05	3.09E-06	3.07E-06	1.9624E-04
608254.89	4200870.35	12207.35032	0.17777	0.18049	0.04537	0.04401	0.0212	0.02107	6.87E-05	4.46E-05	4.59E-05	1.85E-05	1.79E-05	3.10E-06	3.07E-06	1.9557E-04
608255.41	4200731.98	12550.6033	0.21931	0.22205	0.03324	0.03212	0.02015	0.02008	7.06E-05	5.51E-05	5.65E-05	1.35E-05	1.30E-05	2.94E-06	2.93E-06	2.0875E-04
608255.76	4200725.34	12562.83782	0.22115	0.22387	0.03269	0.03159	0.02009	0.02001	7.07E-05	5.55E-05	5.70E-05	1.33E-05	1.28E-05	2.93E-06	2.92E-06	2.0930E-04
608261.76	4200741.15	12469.8813	0.21301	0.2157	0.03392	0.0328	0.02017	0.02009	7.02E-05	5.35E-05	5.49E-05	1.38E-05	1.33E-05	2.95E-06	2.93E-06	2.0565E-04
608261.76	4200748.75	12451.97364	0.21073	0.21343	0.03455	0.03341	0.02024	0.02016	7.01E-05	5.29E-05	5.43E-05	1.41E-05	1.36E-05	2.96E-06	2.94E-06	2.0490E-04
608261.76	4200756.35	12433.99433	0.20845	0.21116	0.03518	0.03403	0.0203	0.02022	6.99E-05	5.24E-05	5.37E-05	1.43E-05	1.38E-05	2.96E-06	2.95E-06	2.0416E-04
608261.76	4200763.95	12416.0803	0.20618	0.20889	0.03582	0.03465	0.02037	0.02028	6.98E-05	5.18E-05	5.31E-05	1.46E-05	1.41E-05	2.97E-06	2.96E-06	2.0342E-04
608261.76	4200771.55	12398.42993	0.20391	0.20662	0.03647	0.03528	0.02043	0.02034	6.97E-05	5.12E-05	5.26E-05	1.49E-05	1.43E-05	2.98E-06	2.96E-06	2.0270E-04
608261.76	4200779.15	12380.28616	0.20163	0.20435	0.03711	0.03591	0.02049	0.0204	6.96E-05	5.06E-05	5.20E-05	1.51E-05	1.46E-05	2.99E-06	2.97E-06	2.0196E-04
608261.76	4200786.75	12361.87108	0.19937	0.20208	0.03777	0.03655	0.02055	0.02045	6.95E-05	5.01E-05	5.14E-05	1.54E-05	1.48E-05	3.00E-06	2.98E-06	2.0124E-04
608261.76	4200794.35	12343.24618	0.1971	0.19982	0.03842	0.03719	0.02061	0.02051	6.94E-05	4.95E-05	5.08E-05	1.56E-05	1.51E-05	3.01E-06	2.99E-06	2.0051E-04
608261.76	4200801.95	12324.40081	0.19484	0.19756	0.03908	0.03784	0.02067	0.02056	6.93E-05	4.89E-05	5.03E-05	1.59E-05	1.53E-05	3.02E-06	3.00E-06	1.9980E-04
608261.76	4200809.55	12305.73374	0.1926	0.19531	0.03975	0.03849	0.02072	0.02062	6.92E-05	4.84E-05	4.97E-05	1.62E-05	1.56E-05	3.03E-06	3.01E-06	1.9909E-04
608261.76	4200817.15	12286.8616	0.19036	0.19307	0.04041	0.03914	0.02078	0.02067	6.91E-05	4.78E-05	4.91E-05	1.65E-05	1.59E-05	3.03E-06	3.01E-06	1.9839E-04
608261.76	4200824.75	12267.88016	0.18814	0.19085	0.04108	0.0398	0.02083	0.02072	6.90E-05	4.73E-05	4.86E-05	1.67E-05	1.61E-05	3.04E-06	3.02E-06	1.9770E-04
608261.76	4200832.35	12248.29302	0.18593	0.18863	0.04175	0.04046	0.02088	0.02077	6.89E-05	4.67E-05	4.80E-05	1.70E-05	1.64E-05	3.05E-06	3.03E-06	1.9701E-04
608261.76	4200839.95	12228.55802	0.18373	0.18642	0.04243	0.04112	0.02093	0.02081	6.88E-05	4.61E-05	4.74E-05	1.73E-05	1.67E-05	3.06E-06	3.03E-06	1.9633E-04
608261.76	4200847.55	12208.60864	0.18154	0.18423	0.0431	0.04179	0.02098	0.02086	6.87E-05	4.56E-05	4.69E-05	1.76E-05	1.70E-05	3.06E-06	3.04E-06	1.9565E-04
608261.76	4200855.15	12188.29894	0.17937	0.18205	0.04378	0.04245	0.02103	0.0209	6.86E-05	4.50E-05	4.63E-05	1.78E-05	1.72E-05	3.07E-06	3.05E-06	1.9499E-04
608261.76	4200862.75	12167.49237	0.17721	0.17988	0.04446	0.04312	0.02107	0.02095	6.85E-05	4.45E-05	4.58E-05	1.81E-05	1.75E-05	3.08E-06	3.05E-06	1.9432E-04
608261.76	4200870.35	12146.79206	0.17507	0.17773	0.04514	0.0438	0.02112	0.02099	6.83E-05	4.40E-05	4.52E-05	1.84E-05	1.78E-05	3.08E-06	3.06E-06	1.9367E-04
608268.63	4200741.15	12406.08854	0.20932	0.21195	0.03384	0.03273	0.0201	0.02002	6.98E-05	5.26E-05	5.39E-05	1.38E-05	1.33E-05	2.94E-06	2.92E-06	2.0335E-04
608268.63	4200748.75	12388.57515	0.20711	0.20975	0.03446	0.03333	0.02017	0.02009	6.97E-05	5.20E-05	5.34E-05	1.40E-05	1.35E-05	2.95E-06	2.93E-06	2.0263E-04
608268.63	4200756.35	12370.98087	0.20491	0.20755	0.03508	0.03394	0.02023	0.02015	6.96E-05	5.15E-05	5.28E-05	1.43E-05	1.38E-05	2.95E-06	2.94E-06	2.0192E-04
608268.63	4200763.95	12353.15753	0.20269	0.20535	0.03572	0.03456	0.0203	0.02021	6.95E-05	5.09E-05	5.22E-05	1.45E-05	1.40E-05	2.96E-06	2.95E-06	2.0121E-04
608268.63	4200771.55	12335.91047	0.20049	0.20315	0.03635	0.03518	0.02036	0.02027	6.94E-05	5.04E-05	5.17E-05	1.48E-05	1.43E-05	2.97E-06	2.95E-06	2.0051E-04
608268.63	4200779.15	12317.97139	0.19828	0.20094	0.03699	0.03581	0.02042	0.02032	6.93E-05	4.98E-05	5.11E-05	1.51E-05	1.45E-05	2.98E-06	2.96E-06	1.9981E-04
608268.63	4200786.75	12299.75122	0.19608	0.19874	0.03764	0.03644	0.02048	0.02038	6.92E-05	4.92E-05	5.06E-05	1.53E-05	1.48E-05	2.99E-06	2.97E-06	1.9912E-04
608268.63	4200794.35	12281.33092	0.19388	0.19654	0.03828	0.03707	0.02054	0.02043	6.91E-05	4.87E-05	5.00E-05	1.56E-05	1.50E-05	3.00E-06	2.98E-06	1.9842E-04
608268.63	4200801.95	12262.80516	0.19168	0.19434	0.03893	0.03771	0.02059	0.02049	6.90E-05	4.81E-05	4.94E-05	1.59E-05	1.53E-05	3.01E-06	2.99E-06	1.9772E-04
608268.63	4200809.55	12244.04661	0.1895	0.19215	0.03959	0.03835	0.02065	0.02054	6.89E-05	4.76E-05	4.89E-05	1.61E-05	1.56E-05	3.02E-06	2.99E-06	1.9704E-04
608268.63	4200817.15	12225.38039	0.18732	0.18998	0.04025	0.03899	0.0207	0.02059	6.88E-05	4.70E-05	4.83E-05	1.64E-05	1.58E-05	3.02E-06	3.00E-06	1.9637E-04
608268.63	4200824.75	12206.8093	0.18516	0.18781	0.04091	0.03964	0.02075	0.02064	6.87E-05	4.65E-05	4.78E-05	1.67E-05	1.61E-05	3.03E-06	3.01E-06	1.9570E-04
608268.63	4200832.35	12187.44034	0.18301	0.18565	0.04157	0.04029	0.0208	0.02069	6.86E-05	4.60E-05	4.72E-05	1.69E-05	1.63E-05	3.04E-06	3.02E-06	1.9503E-04
608268.63	4200839.95	12167.92841	0.18087	0.1835	0.04224	0.04095	0.02085	0.02073	6.85E-05	4.54E-05	4.67E-05	1.72E-05	1.66E-05	3.04E-06	3.02E-06	1.9438E-04
608268.63	4200847.55	12148.20731	0.17874	0.18137	0.0429	0.0416	0.0209	0.02078	6.83E-05	4.49E-05	4.61E-05	1.75E-05	1.69E-05	3.05E-06	3.03E-06	1.9373E-04
608268.63	4200855.15	12128.12093	0.17662	0.17924	0.04357	0.04226	0.02095	0.02082	6.82E-05	4.44E-05	4.56E-05	1.77E-05	1.71E-05	3.06E-06	3.03E-06	1.9308E-04
608268.63	4200862.75	12107.64281	0.17452	0.17713	0.04424	0.04292	0.02099	0.02086	6.81E-05	4.38E-05	4.51E-05	1.80E-05	1.74E-05	3.07E-06	3.04E-06	1.9244E-04
608268.63	4200870.35	12086.97573	0.17244	0.17504	0.04491	0.04358	0.02103	0.02091	6.80E-05	4.33E-05	4.45E-05	1.83E-05	1.77E-05	3.07E-06	3.05E-06	1.9181E-04
608275.5	4200733.55	12360.35544	0.20786	0.21043	0.03315	0.03206	0.01997	0.01989	6.95E-05	5.22E-05	5.35E-05	1.35E-05	1.30E-05	2.92E-06	2.90E-06	2.0178E-04
608275.5	4200741.15	12342.88162	0.20572	0.2083	0.03375	0.03266	0.02003	0.01995	6.94E-05	5.17E-05	5.30E-05	1.37E-05	1.32E-05	2.93E-06	2.91E-06	2.0109E-04
608275.5	4200748.75	12325.85704	0.20359	0.20617	0.03437	0.03325	0.0201	0.02002	6.93E-05	5.11E-05	5.25E-05	1.40E-05	1.35E-05	2.94E-06	2.92E-06	2.0041E-04
608275.5	4200756.35	12308.64108	0.20144	0.20403	0.03499	0.03386	0.02016	0.02008	6.92E-05	5.06E-05	5.19E-05	1.43E-05	1.37E-05	2.94E-06	2.93E-06	1.9973E-04
608275.5	4200763.95	12291.10736	0.1993	0.20189	0.03561	0.03447	0.02023	0.02014	6.91E-05	5.01E-05	5.14E-05	1.45E-05	1.40E-05	2.95E-06	2.94E-06	1.9905E-04
608275.5	4200771.55	12273.76436	0.19715	0.19975	0.03624	0.03508	0.02029	0.02019	6.90E-05	4.95E-05	5.08E-05	1.48E-05	1.42E-05	2.96E-06	2.94E-06	1.9837E-04
608275.5	4200779.15	12256.12775	0.19501	0.19761	0.03687	0.0357	0.02035	0.02025	6.89E-05	4.90E-05	5.03E-05	1.50E-05	1.45E-05	2.97E-06	2.95E-06	1.9770E-04
608275.5	4200786.75	12238.19804	0.19287	0.19547	0.03751	0.03632	0.0204	0.02031	6.88E-05	4.84E-05	4.97E-05	1.53E-05	1.47E-05	2.98E-06	2.96E-06	1.9703E-04
608275.5	4200794.35	12219.98071	0.19073	0.19333	0.03814	0.03695	0.02046	0.02036	6.87E-05	4.79E-05	4.92E-05	1.55E-05	1.50E-05	2.99E-06	2.97E-06	1.9636E-04
608275.5	4200801.95	12201.66452	0.1886	0.1912	0.03879	0.03758	0.02052	0.02041	6.86E-05	4.74E-05	4.86E-05	1.58E-05	1.52E-05	3.00E-06	2.97E-06	1.9570E-04
608275.5	4200809.55	12183.21506	0.18647	0.18907	0.03943	0.03821	0.02057	0.02046	6.85E-05	4.68E-05	4.81E-05	1.61E-05	1.55E-05	3.00E-06	2.98E-06	1.9503E-04
608275.5	4200817.15	12164.65244	0.18435	0.18695	0.04008	0.03885	0.02062	0.02051	6.84E-05	4.63E-05	4.76E-05	1.63E-05	1.58E-05	3.01E-06	2.99E-06	1.9438E-04
608275.5	4200824.75	12146.09277	0.18225	0.18484	0.04073	0.03949	0.02067	0.02056	6.83E-05	4.58E-05	4.70E-05	1.66E-05	1.60E-05	3.02E-06	3.00E-06	1.9374E-04
608275.5	4200832.35	12127.04198	0.18016	0.18274	0.04139	0.04013	0.02072	0.02061	6.82E-05	4.52E-05	4.65E-05	1.69E-05	1.63E-05	3.03E-06	3.00E-06	1.9310E-04
608275.5	4200839.95	12107.8476	0.17807	0.18065	0.04204	0.04078	0.02077	0.02066	6.81E-05	4.47E-05	4.60E-05	1.71E-05	1.65E-05	3.03E-06	3.01E-06	1.9246E-04
608275.5	4200847.55	12088.34778	0.176	0.17857	0.0427	0.04142	0.02082	0.0207	6.80E-05	4.42E-05	4.54E-05	1.74E-05	1.68E-05	3.04E-06	3.02E-06	1.9183E-04
608275.5	4200855.15	12068.47724	0.17394	0.1765	0.04336	0.04207	0.02086	0.02074	6.79E-05	4.37E-05	4.49E-05	1.77E-05	1.71E-05	3.05E-06	3.02E-06	1.9121E-04
608275.5	4200862.75	12048.2215	0.17189	0.17444	0.04402	0.04272	0.02091	0.02078	6.78E-05	4.32E-05	4.44E-05	1.79E-05	1.73E-05	3.05E-06	3.03E-06	1.9059E-04
608275.5	4200870.35	12027.79092	0.16986	0.1724	0.04468	0.04338	0.02095	0.02082	6.77E-05	4.27E-05	4.39E-05	1.82E-05	1.76E-05	3.06E-06	3.03E-06	1.8998E-04
608282.37	4200733.55	12298.1314	0.2043	0.20681	0.03307	0.032	0.0199	0.01982	6.92E-05	5.13E-05	5.26E-05	1.35E-05	1.30E-05	2.91E-06	2.89E-06	1.9956E-04
608282.37	4200741.15	12280.75221	0.20222	0.20474	0.03367	0.03258	0.01997	0.01988	6.91E-05	5.08E-05	5.21E-05	1.37E-05	1.32E-05	2.92E-06	2.90E-06	1.9890E-04
608282.37	4200748.75	12263.81916	0.20014	0.20267	0.03428	0.03318	0.02003	0.01995	6.90E-05	5.03E-05	5.16E-05	1.40E-05	1.35E-05	2.93E-06	2.91E-06	1.9824E-04
608282.37	4200756.35	12246.77832	0.19806	0.2006	0.03489	0.03377	0.02009	0.02001	6.89E-05	4.97E-05	5.10E-05	1.42E-05	1.37E-05	2.93E-06	2.92E-06	1.9759E-04
608282.37	4200763.95	12229.43147	0.19598	0.19852	0.0355	0.03437	0.02015	0.02006	6.88E-05	4.92E-05	5.05E-05	1.45E-05	1.39E-05	2.94E-06	2.92E-06	1.9693E-04
608282.37	4200771.55	12211.99223	0.19389	0.19644	0.03612	0.03498	0.02021	0.02012	6.87E-05	4.87E-05	5.00E-05	1.47E-05	1.42E-05	2.95E-06	2.93E-06	1.9628E-04
608282.37	4200779.15	12194.65292	0.19181	0.19436	0.03675	0.03559	0.02027	0.02018	6.86E-05	4.82E-05	4.94E-05	1.50E-05	1.44E-05	2.96E-06	2.94E-06	1.9563E-04
608282.37	4200786.75	12177.10656	0.18973	0.19228	0.03738	0.03621	0.02033	0.02023	6.85E-05	4.76E-05	4.89E-05	1.52E-05	1.47E-05	2.97E-06	2.95E-06	1.9499E-04
608282.37	4200794.35	12159.28966	0.18766	0.1902	0.03801	0.03682	0.02039	0.02029	6.84E-05	4.71E-05	4.84E-05	1.55E-05	1.49E-05	2.98E-06	2.96E-06	1.9434E-04
608282.37	4200801.95	12141.17739	0.18558	0.18813	0.03864	0.03745	0.02044	0.02034	6.83E-05	4.66E-05	4.79E-05	1.57E-05	1.52E-05	2.98E-06	2.96E-06	1.9370E-04
608282.37	4200809.55	12122.83253	0.18351	0.18605	0.03928	0.03807	0.02049	0.02039	6.82E-05	4.61E-05	4.73E-05	1.60E-05	1.54E-05	2.99E-06	2.97E-06	1.9306E-04
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608282.37	4200839.95	12048.30599	0.17534	0.17786	0.04185	0.0406	0.02069	0.02058	6.78E-05	4.40E-05	4.53E-05	1.70E-05	1.65E-05	3.02E-06	3.00E-06	1.9058E-04
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608289.24	4200786.75	12116.27741	0.18666	0.18916	0.03724	0.03609	0.02026	0.02016	6.82E-05	4.69E-05	4.81E-05	1.52E-05	1.46E-05	2.96E-06	2.94E-06	1.9298E-04
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608296.11	4200786.75	12056.09044	0.18367	0.18611	0.03712	0.03598	0.02018	0.02009	6.78E-05	4.61E-05	4.74E-05	1.51E-05	1.46E-05	2.95E-06	2.93E-06	1.9102E-04
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608296.11	4200817.15	11985.52246	0.17584	0.17827	0.03959	0.03841	0.02039	0.02028	6.74E-05	4.42E-05	4.54E-05	1.61E-05	1.56E-05	2.98E-06	2.96E-06	1.8865E-04
608296.11	4200824.75	11967.08077	0.17389	0.17632	0.04022	0.03902	0.02044	0.02033	6.73E-05	4.37E-05	4.49E-05	1.64E-05	1.58E-05	2.98E-06	2.96E-06	1.8807E-04
608296.11	4200832.35	11948.96693	0.17196	0.17439	0.04085	0.03964	0.02049	0.02038	6.72E-05	4.32E-05	4.44E-05	1.66E-05	1.61E-05	2.99E-06	2.97E-06	1.8750E-04
608296.11	4200839.95	11930.70254	0.17004	0.17246	0.04148	0.04026	0.02054	0.02042	6.71E-05	4.27E-05	4.39E-05	1.69E-05	1.63E-05	3.00E-06	2.98E-06	1.8693E-04
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608296.11	4200855.15	11892.8081	0.16622	0.16862	0.04274	0.04151	0.02062	0.0205	6.69E-05	4.17E-05	4.29E-05	1.74E-05	1.68E-05	3.01E-06	2.99E-06	1.8580E-04
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608302.98	4200771.55	12030.89431	0.18457	0.18696	0.03578	0.03468	0.02	0.01991	6.77E-05	4.64E-05	4.76E-05	1.46E-05	1.41E-05	2.92E-06	2.90E-06	1.9024E-04
608302.98	4200779.15	12013.92473	0.18266	0.18504	0.03638	0.03527	0.02006	0.01996	6.76E-05	4.59E-05	4.71E-05	1.48E-05	1.43E-05	2.93E-06	2.91E-06	1.8966E-04
608302.98	4200786.75	11996.63805	0.18074	0.18313	0.03699	0.03586	0.02011	0.02001	6.75E-05	4.54E-05	4.66E-05	1.51E-05	1.45E-05	2.94E-06	2.92E-06	1.8909E-04
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608302.98	4200817.15	11926.84152	0.17312	0.1755	0.03943	0.03826	0.02032	0.02021	6.71E-05	4.35E-05	4.47E-05	1.61E-05	1.55E-05	2.97E-06	2.95E-06	1.8681E-04
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608302.98	4200855.15	11835.2465	0.16376	0.16611	0.04254	0.04132	0.02054	0.02042	6.66E-05	4.11E-05	4.23E-05	1.73E-05	1.68E-05	3.00E-06	2.98E-06	1.8406E-04
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 606800.7   4201451.51   357814.5488   72.1    75.52   0 ANNUAL   AREA1   5
 606805.3   4201504.85   193557.1879   68.02   95.65   0 ANNUAL   AREA1   5
606806.99   4201621.74   75664.6308    76.85   95.65   0 ANNUAL   AREA1   5
 606808.1   4201568.11   111942.0589   72.11   95.65   0 ANNUAL   AREA1   5
606815.75   4201713.62   44155.19267   87.05   95.65   0 ANNUAL   AREA1   5
606818.19   4201452.56   358629.0311   72.27   75.53   0 ANNUAL   AREA1   5
 606818.4   4201543.59   138715.728    70.53   95.65   0 ANNUAL   AREA1   5
606820.45   4201672.06   56664.02832   82.24   95.65   0 ANNUAL   AREA1   5
606822.76   4201767.46   33472.03817   95.41   95.41   0 ANNUAL   AREA1   5
606823.52    4201500.3   208029.5003   67.51   95.65   0 ANNUAL   AREA1   5
606827.42   4201586.84   100264.7873   73.78   95.65   0 ANNUAL   AREA1   5
606829.21   4201623.71   77833.30559   77.47   95.65   0 ANNUAL   AREA1   5
606836.03   4201452.56   365167.5423   72.46   75.25   0 ANNUAL   AREA1   5
606838.55   4201678.09   56885.91978   82.76   95.65   0 ANNUAL   AREA1   5
606839.22   4201718.98   45227.09681   87.45   95.65   0 ANNUAL   AREA1   5
606840.61   4201535.61   154298.5081   70.02   95.65   0 ANNUAL   AREA1   5
606848.02   4201501.43   213053.555    67.45   95.65   0 ANNUAL   AREA1   5
606848.84    4201591.3   100460.167    74.66   95.65   0 ANNUAL   AREA1   5
606849.73   4201627.88   78463.5585    78.24   95.65   0 ANNUAL   AREA1   5
 606852.3   4201771.34   35154.42422   95.44   95.44   0 ANNUAL   AREA1   5
606854.57   4201452.21   375235.5152   72.42   74.9    0 ANNUAL   AREA1   5
606859.41   4201535.04   159191.4853   70.2    95.65   0 ANNUAL   AREA1   5
606861.34   4201681.44   58680.85995   82.64   95.65   0 ANNUAL   AREA1   5
 606866.7   4201722.33   47004.87163   87.66   95.65   0 ANNUAL   AREA1   5
606867.39   4201504.28   212764.5174   67.57   95.65   0 ANNUAL   AREA1   5
606867.57   4201584.76   107950.288    74.63   95.65   0 ANNUAL   AREA1   5
606873.22   4201634.72   78482.39328   78.77   95.65   0 ANNUAL   AREA1   5
 606875.9   4201452.56   388461.1957   71.43   74.8    0 ANNUAL   AREA1   5
606876.03   4201770.85   37023.04052   95.05   95.05   0 ANNUAL   AREA1   5
606876.75    4201686.8   59060.37835   82.5    95.65   0 ANNUAL   AREA1   5
606879.35   4201540.17   155433.3984   71.33   95.65   0 ANNUAL   AREA1   5
606884.47   4201502.57   220690.4804   67.45   95.65   0 ANNUAL   AREA1   5
606889.49   4201720.32   49814.7915    86.93   95.65   0 ANNUAL   AREA1   5
606891.36   4201599.33   101057.7818   76.07   95.65   0 ANNUAL   AREA1   5
606892.25    4201637.1   81191.71939   77.57   95.65   0 ANNUAL   AREA1   5
606892.34   4201453.96   399301.8456   70.03   74.8    0 ANNUAL   AREA1   5
606897.31   4201583.27   112985.5239   75.42   95.65   0 ANNUAL   AREA1   5
 606898.2    4201691.5   60680.79471   81.63   95.65   0 ANNUAL   AREA1   5
606900.73   4201772.79   38735.83903   94.27   94.27   0 ANNUAL   AREA1   5
606902.13   4201544.16   152931.3787   72.94   95.65   0 ANNUAL   AREA1   5
606905.55   4201522.51   187720.2895   69.97   95.65   0 ANNUAL   AREA1   5
606912.96   4201504.85   223129.4391   67.56   95.65   0 ANNUAL   AREA1   5
606914.38   4201456.76   401133.3575   68.23   74.72   0 ANNUAL   AREA1   5
606922.34   4201725.01   51225.13688   87.66   95.63   0 ANNUAL   AREA1   5
606923.68    4201691.5   63985.42216   80.53   95.65   0 ANNUAL   AREA1   5
606925.43   4201770.37   41125.834     93.21   93.21   0 ANNUAL   AREA1   5
606932.92   4201460.96   377579.8617   67.28   74.63   0 ANNUAL   AREA1   5
606935.74   4201641.22   88062.20108   74.03   95.65   0 ANNUAL   AREA1   5
606940.44   4201723.67   53334.44182   87.02   95.38   0 ANNUAL   AREA1   5
606941.11   4201611.06   103950.264    73.88   95.65   0 ANNUAL   AREA1   5
606942.45   4201591.62   115285.3318   74.57   95.65   0 ANNUAL   AREA1   5
606947.14    4201691.5   66505.309     80.11   95.65   0 ANNUAL   AREA1   5
606947.26   4201548.33   151815.559    74.78   74.78   0 ANNUAL   AREA1   5
606948.68   4201774.24   42578.99927   91.94   91.94   0 ANNUAL   AREA1   5
606951.81   4201517.55   203367.0427   70.82   75.3    0 ANNUAL   AREA1   5
 606952.5    4201465.5   357242.5507   66.73   74.88   0 ANNUAL   AREA1   5
606957.19   4201638.54   91825.93614   73.97   95.65   0 ANNUAL   AREA1   5
 606965.8   4201551.48   151093.5014   75.03   75.03   0 ANNUAL   AREA1   5
606967.25   4201725.68   55033.43092   86.96   94.33   0 ANNUAL   AREA1   5
606969.26   4201597.65   115714.9235   73.96   95.65   0 ANNUAL   AREA1   5

606776.24   4201532.76   75033.90178   73.86   73.86   0 ANNUAL   AREA2   5
606777.77   4201572.87   66461.94562   72.81   95.65   0 ANNUAL   AREA2   5
606781.11   4201450.46   92264.56371   71.8    75.5    0 ANNUAL   AREA2   5
606781.63   4201550.27   70204.3779    72.99   95.65   0 ANNUAL   AREA2   5
606784.71   4201619.32   57900.14577   76.32   95.65   0 ANNUAL   AREA2   5
606788.27   4201705.57   46062.47755   85.85   95.65   0 ANNUAL   AREA2   5
606796.31   4201667.36   50124.37495   81.65   95.65   0 ANNUAL   AREA2   5
   606800   4201757.78   38664.84678   94.74   94.74   0 ANNUAL   AREA2   5
 606800.7   4201451.51   86254.88275   72.1    75.52   0 ANNUAL   AREA2   5
 606805.3   4201504.85   73253.7493    68.02   95.65   0 ANNUAL   AREA2   5
606806.99   4201621.74   54976.44506   76.85   95.65   0 ANNUAL   AREA2   5
 606808.1   4201568.11   62445.67135   72.11   95.65   0 ANNUAL   AREA2   5
606815.75   4201713.62   43224.172     87.05   95.65   0 ANNUAL   AREA2   5
606818.19   4201452.56   81325.03527   72.27   75.53   0 ANNUAL   AREA2   5
 606818.4   4201543.59   64545.18635   70.53   95.65   0 ANNUAL   AREA2   5
606820.45   4201672.06   47450.79084   82.24   95.65   0 ANNUAL   AREA2   5
606822.76   4201767.46   36410.67437   95.41   95.41   0 ANNUAL   AREA2   5
606823.52    4201500.3   70261.30198   67.51   95.65   0 ANNUAL   AREA2   5
606827.42   4201586.84   57121.12385   73.78   95.65   0 ANNUAL   AREA2   5
606829.21   4201623.71   52301.39822   77.47   95.65   0 ANNUAL   AREA2   5
606836.03   4201452.56   76912.24399   72.46   75.25   0 ANNUAL   AREA2   5
606838.55   4201678.09   45287.20152   82.76   95.65   0 ANNUAL   AREA2   5
606839.22   4201718.98   41111.54246   87.45   95.65   0 ANNUAL   AREA2   5
606840.61   4201535.61   62092.4323    70.02   95.65   0 ANNUAL   AREA2   5
606848.02   4201501.43   65468.20188   67.45   95.65   0 ANNUAL   AREA2   5
606848.84    4201591.3   53938.76969   74.66   95.65   0 ANNUAL   AREA2   5
606849.73   4201627.88   49706.19407   78.24   95.65   0 ANNUAL   AREA2   5
 606852.3   4201771.34   34674.89977   95.44   95.44   0 ANNUAL   AREA2   5
606854.57   4201452.21   72700.10239   72.42   74.9    0 ANNUAL   AREA2   5
606859.41   4201535.04   59301.59331   70.2    95.65   0 ANNUAL   AREA2   5
606861.34   4201681.44   43143.85009   82.64   95.65   0 ANNUAL   AREA2   5
 606866.7   4201722.33   39061.86864   87.66   95.65   0 ANNUAL   AREA2   5
606867.39   4201504.28   61771.74331   67.57   95.65   0 ANNUAL   AREA2   5
606867.57   4201584.76   52500.80569   74.63   95.65   0 ANNUAL   AREA2   5
606873.22   4201634.72   46701.75843   78.77   95.65   0 ANNUAL   AREA2   5
 606875.9   4201452.56   67996.1723    71.43   74.8    0 ANNUAL   AREA2   5
606876.03   4201770.85   33786.52642   95.05   95.05   0 ANNUAL   AREA2   5
606876.75    4201686.8   41473.8995    82.5    95.65   0 ANNUAL   AREA2   5
606879.35   4201540.17   55947.56026   71.33   95.65   0 ANNUAL   AREA2   5
606884.47   4201502.57   59252.47883   67.45   95.65   0 ANNUAL   AREA2   5
606889.49   4201720.32   37832.22335   86.93   95.65   0 ANNUAL   AREA2   5
606891.36   4201599.33   48385.87219   76.07   95.65   0 ANNUAL   AREA2   5
606892.25    4201637.1   44645.50831   77.57   95.65   0 ANNUAL   AREA2   5
606892.34   4201453.96   64431.97867   70.03   74.8    0 ANNUAL   AREA2   5
606897.31   4201583.27   49357.7499    75.42   95.65   0 ANNUAL   AREA2   5
 606898.2    4201691.5   39507.96848   81.63   95.65   0 ANNUAL   AREA2   5
606900.73   4201772.79   32639.74406   94.27   94.27   0 ANNUAL   AREA2   5
606902.13   4201544.16   52687.14508   72.94   95.65   0 ANNUAL   AREA2   5
606905.55   4201522.51   54247.03099   69.97   95.65   0 ANNUAL   AREA2   5
606912.96   4201504.85   54837.60957   67.56   95.65   0 ANNUAL   AREA2   5
606914.38   4201456.76   59992.96126   68.23   74.72   0 ANNUAL   AREA2   5
606922.34   4201725.01   35561.86108   87.66   95.63   0 ANNUAL   AREA2   5
606923.68    4201691.5   37763.65151   80.53   95.65   0 ANNUAL   AREA2   5
606925.43   4201770.37   31850.7631    93.21   93.21   0 ANNUAL   AREA2   5
606932.92   4201460.96   56504.64716   67.28   74.63   0 ANNUAL   AREA2   5
606935.74   4201641.22   40436.1121    74.03   95.65   0 ANNUAL   AREA2   5
606940.44   4201723.67   34640.09603   87.02   95.38   0 ANNUAL   AREA2   5
606941.11   4201611.06   42410.47868   73.88   95.65   0 ANNUAL   AREA2   5
606942.45   4201591.62   43949.67469   74.57   95.65   0 ANNUAL   AREA2   5
606947.14    4201691.5   36259.07318   80.11   95.65   0 ANNUAL   AREA2   5
606947.26   4201548.33   47197.1322    74.78   74.78   0 ANNUAL   AREA2   5
606948.68   4201774.24   30772.51821   91.94   91.94   0 ANNUAL   AREA2   5
606951.81   4201517.55   49037.70116   70.82   75.3    0 ANNUAL   AREA2   5
 606952.5    4201465.5   53199.06021   66.73   74.88   0 ANNUAL   AREA2   5
606957.19   4201638.54   39014.41903   73.97   95.65   0 ANNUAL   AREA2   5
 606965.8   4201551.48   45023.16951   75.03   75.03   0 ANNUAL   AREA2   5
606967.25   4201725.68   33070.35776   86.96   94.33   0 ANNUAL   AREA2   5
606969.26   4201597.65   41062.50378   73.96   95.65   0 ANNUAL   AREA2   5

606776.24   4201532.76   29980.77908   73.86   73.86   0 ANNUAL   AREA3   5
606777.77   4201572.87   28284.26614   72.81   95.65   0 ANNUAL   AREA3   5
606781.11   4201450.46   33641.92783   71.8    75.5    0 ANNUAL   AREA3   5
606781.63   4201550.27   29117.54833   72.99   95.65   0 ANNUAL   AREA3   5
606784.71   4201619.32   26538.87977   76.32   95.65   0 ANNUAL   AREA3   5
606788.27   4201705.57   23503.88587   85.85   95.65   0 ANNUAL   AREA3   5
606796.31   4201667.36   24832.75102   81.65   95.65   0 ANNUAL   AREA3   5
   606800   4201757.78   21322.82338   94.74   94.74   0 ANNUAL   AREA3   5
 606800.7   4201451.51   33079.23715   72.1    75.52   0 ANNUAL   AREA3   5
 606805.3   4201504.85   30338.84366   68.02   95.65   0 ANNUAL   AREA3   5
606806.99   4201621.74   26115.78092   76.85   95.65   0 ANNUAL   AREA3   5
 606808.1   4201568.11   27890.76166   72.11   95.65   0 ANNUAL   AREA3   5
606815.75   4201713.62   22866.74109   87.05   95.65   0 ANNUAL   AREA3   5
606818.19   4201452.56   32565.68563   72.27   75.53   0 ANNUAL   AREA3   5
 606818.4   4201543.59   28574.4548    70.53   95.65   0 ANNUAL   AREA3   5
606820.45   4201672.06   24358.70971   82.24   95.65   0 ANNUAL   AREA3   5
606822.76   4201767.46   20826.32317   95.41   95.41   0 ANNUAL   AREA3   5
606823.52    4201500.3   30097.86887   67.51   95.65   0 ANNUAL   AREA3   5
606827.42   4201586.84   26908.08073   73.78   95.65   0 ANNUAL   AREA3   5
606829.21   4201623.71   25708.58017   77.47   95.65   0 ANNUAL   AREA3   5
606836.03   4201452.56   32091.29997   72.46   75.25   0 ANNUAL   AREA3   5
606838.55   4201678.09   23889.48278   82.76   95.65   0 ANNUAL   AREA3   5
606839.22   4201718.98   22426.41475   87.45   95.65   0 ANNUAL   AREA3   5
606840.61   4201535.61   28407.77333   70.02   95.65   0 ANNUAL   AREA3   5
606848.02   4201501.43   29484.36125   67.45   95.65   0 ANNUAL   AREA3   5
606848.84    4201591.3   26395.71347   74.66   95.65   0 ANNUAL   AREA3   5
606849.73   4201627.88   25258.78555   78.24   95.65   0 ANNUAL   AREA3   5
 606852.3   4201771.34   20460.62335   95.44   95.44   0 ANNUAL   AREA3   5
606854.57   4201452.21   31602.59452   72.42   74.9    0 ANNUAL   AREA3   5
606859.41   4201535.04   28041.14538   70.2    95.65   0 ANNUAL   AREA3   5
606861.34   4201681.44   23492.36351   82.64   95.65   0 ANNUAL   AREA3   5
 606866.7   4201722.33   22006.91273   87.66   95.65   0 ANNUAL   AREA3   5
606867.39   4201504.28   28929.8236    67.57   95.65   0 ANNUAL   AREA3   5
606867.57   4201584.76   26274.56766   74.63   95.65   0 ANNUAL   AREA3   5
606873.22   4201634.72   24680.62652   78.77   95.65   0 ANNUAL   AREA3   5
 606875.9   4201452.56   30970.93362   71.43   74.8    0 ANNUAL   AREA3   5
606876.03   4201770.85   20272.90341   95.05   95.05   0 ANNUAL   AREA3   5
606876.75    4201686.8   23144.7058    82.5    95.65   0 ANNUAL   AREA3   5
606879.35   4201540.17   27475.10609   71.33   95.65   0 ANNUAL   AREA3   5
606884.47   4201502.57   28595.44391   67.45   95.65   0 ANNUAL   AREA3   5
606889.49   4201720.32   21829.26365   86.93   95.65   0 ANNUAL   AREA3   5
606891.36   4201599.33   25409.79354   76.07   95.65   0 ANNUAL   AREA3   5
606892.25    4201637.1   24289.92793   77.57   95.65   0 ANNUAL   AREA3   5
606892.34   4201453.96   30414.40102   70.03   74.8    0 ANNUAL   AREA3   5
606897.31   4201583.27   25790.62222   75.42   95.65   0 ANNUAL   AREA3   5
 606898.2    4201691.5   22746.15549   81.63   95.65   0 ANNUAL   AREA3   5
606900.73   4201772.79   20037.47523   94.27   94.27   0 ANNUAL   AREA3   5
606902.13   4201544.16   26910.18408   72.94   95.65   0 ANNUAL   AREA3   5
606905.55   4201522.51   27486.97593   69.97   95.65   0 ANNUAL   AREA3   5
606912.96   4201504.85   27856.36798   67.56   95.65   0 ANNUAL   AREA3   5
606914.38   4201456.76   29642.42993   68.23   74.72   0 ANNUAL   AREA3   5
606922.34   4201725.01   21273.94017   87.66   95.63   0 ANNUAL   AREA3   5
606923.68    4201691.5   22388.33396   80.53   95.65   0 ANNUAL   AREA3   5
606925.43   4201770.37   19903.89777   93.21   93.21   0 ANNUAL   AREA3   5
606932.92   4201460.96   28957.22728   67.28   74.63   0 ANNUAL   AREA3   5
606935.74   4201641.22   23412.55201   74.03   95.65   0 ANNUAL   AREA3   5
606940.44   4201723.67   21117.19786   87.02   95.38   0 ANNUAL   AREA3   5
606941.11   4201611.06   24141.95868   73.88   95.65   0 ANNUAL   AREA3   5
606942.45   4201591.62   24683.97666   74.57   95.65   0 ANNUAL   AREA3   5
606947.14    4201691.5   22058.0797    80.11   95.65   0 ANNUAL   AREA3   5
606947.26   4201548.33   25885.06577   74.78   74.78   0 ANNUAL   AREA3   5
606948.68   4201774.24   19653.77831   91.94   91.94   0 ANNUAL   AREA3   5
606951.81   4201517.55   26653.65836   70.82   75.3    0 ANNUAL   AREA3   5
 606952.5    4201465.5   28266.06458   66.73   74.88   0 ANNUAL   AREA3   5
606957.19   4201638.54   23137.27421   73.97   95.65   0 ANNUAL   AREA3   5
 606965.8   4201551.48   25414.22047   75.03   75.03   0 ANNUAL   AREA3   5
606967.25   4201725.68   20739.67528   86.96   94.33   0 ANNUAL   AREA3   5
606969.26   4201597.65   24014.11066   73.96   95.65   0 ANNUAL   AREA3   5

606776.24   4201532.76   0.01832   73.86   73.86   0 ANNUAL   ROAD1   5
606777.77   4201572.87   0.01823   72.81   95.65   0 ANNUAL   ROAD1   5
606781.11   4201450.46   0.01957   71.8    75.5    0 ANNUAL   ROAD1   5
606781.63   4201550.27   0.01852   72.99   95.65   0 ANNUAL   ROAD1   5
606784.71   4201619.32   0.01774   76.32   95.65   0 ANNUAL   ROAD1   5
606788.27   4201705.57   0.01526   85.85   95.65   0 ANNUAL   ROAD1   5
606796.31   4201667.36   0.0168    81.65   95.65   0 ANNUAL   ROAD1   5
   606800   4201757.78   0.01253   94.74   94.74   0 ANNUAL   ROAD1   5
 606800.7   4201451.51   0.02041   72.1    75.52   0 ANNUAL   ROAD1   5
 606805.3   4201504.85   0.02039   68.02   95.65   0 ANNUAL   ROAD1   5
606806.99   4201621.74   0.01843   76.85   95.65   0 ANNUAL   ROAD1   5
 606808.1   4201568.11   0.0196    72.11   95.65   0 ANNUAL   ROAD1   5
606815.75   4201713.62   0.01522   87.05   95.65   0 ANNUAL   ROAD1   5
606818.19   4201452.56   0.02123   72.27   75.53   0 ANNUAL   ROAD1   5
 606818.4   4201543.59   0.02051   70.53   95.65   0 ANNUAL   ROAD1   5
606820.45   4201672.06   0.01715   82.24   95.65   0 ANNUAL   ROAD1   5
606822.76   4201767.46   0.01251   95.41   95.41   0 ANNUAL   ROAD1   5
606823.52    4201500.3   0.02134   67.51   95.65   0 ANNUAL   ROAD1   5
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606969.26   4201597.65   0.02426   73.96   95.65   0 ANNUAL   ROAD1   5
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AERMOD ( 191  91): C:\Users\a  patel\Desktop\  HRA\RANCH  HRA\RANCH  HRA.isc                    12/16/        19
AERMET ( 141  34):                                                                                18:11        22
MODELING OPT  IONS USED:  Re  gDFAULT  CONC  ELEV  UR   BAN
PLOT          FILE OF ANNUAL  VALUES AVERAG  ED ACROSS  5 YEARS    FOR SOU  RCE GROU  P: ROAD2
FOR           A TOTAL OF  140  4 RECEPTORS.
FORM          AT: (3(1X,F13.5  ),3(1X,F8.2),2  X,A6,2X,A  8,2X,I8.8,  2X,A8)
X             Y              AVERAGE CONC  ZELEV     ZHILL     ZFLAG    AVE      GRP      NUM YRS  NET ID
     605009.76    4201463.46      0.00295    122.11    130.86        0 ANNUAL   ROAD2          5
     605020.97    4201489.77      0.00296    118.57    131.57        0 ANNUAL   ROAD2          5
     605025.63    4201440.58      0.00301    122.24    130.86        0 ANNUAL   ROAD2          5
     605045.35    4201493.83      0.00293    121.64    131.57        0 ANNUAL   ROAD2          5
     605052.57    4201438.73      0.00303    122.96    130.88        0 ANNUAL   ROAD2          5
     605067.01    4201501.96      0.00291    123.12    131.57        0 ANNUAL   ROAD2          5
      605077.3     4201449.8      0.00302    124.34    131.12        0 ANNUAL   ROAD2          5
     605088.68    4201514.14       0.0029    123.58    131.57        0 ANNUAL   ROAD2          5
     605094.28    4201462.35      0.00298    126.91       131        0 ANNUAL   ROAD2          5
     605106.29     4201530.4      0.00289     122.8    131.57        0 ANNUAL   ROAD2          5
      605113.1    4201473.42      0.00295     128.4    131.12        0 ANNUAL   ROAD2          5
      605134.6    4201499.62      0.00289     131.2     131.2        0 ANNUAL   ROAD2          5
     605151.19    4201482.44      0.00297    128.35    131.57        0 ANNUAL   ROAD2          5
     605168.07    4201530.53      0.00287    129.61    129.61        0 ANNUAL   ROAD2          5
     605172.03    4201466.28      0.00311    121.83    131.57        0 ANNUAL   ROAD2          5
     605181.62    4201558.83      0.00283    127.74    128.49        0 ANNUAL   ROAD2          5
     605188.98    4201454.15      0.00323    117.79    131.57        0 ANNUAL   ROAD2          5
     605191.33    4201515.02      0.00293    128.86    128.86        0 ANNUAL   ROAD2          5
     605193.13    4201585.31      0.00283    122.64    132.79        0 ANNUAL   ROAD2          5
     605201.19    4201601.43      0.00278    124.23    132.79        0 ANNUAL   ROAD2          5
     605202.19    4201404.28      0.00368    103.61    132.79        0 ANNUAL   ROAD2          5
     605207.14    4201438.92      0.00344    109.92    132.79        0 ANNUAL   ROAD2          5
      605207.2       4201501      0.00303    124.91    131.57        0 ANNUAL   ROAD2          5
      605208.1    4201623.31      0.00268     129.4     132.1        0 ANNUAL   ROAD2          5
     605226.39    4201488.08      0.00313    121.28    131.57        0 ANNUAL   ROAD2          5
     605226.91     4201528.1      0.00295    127.37    127.37        0 ANNUAL   ROAD2          5
     605227.67    4201640.58      0.00266    129.04    131.37        0 ANNUAL   ROAD2          5
     605241.22    4201548.03      0.00294    124.97    129.29        0 ANNUAL   ROAD2          5
     605249.55       4201659      0.00265    126.97    130.76        0 ANNUAL   ROAD2          5
     605251.44    4201595.54      0.00289    119.68    132.79        0 ANNUAL   ROAD2          5
     605251.89    4201403.82      0.00367    106.88    132.79        0 ANNUAL   ROAD2          5
     605255.31    4201424.35      0.00357    108.49    132.79        0 ANNUAL   ROAD2          5
     605262.68    4201624.15       0.0028    121.33    132.79        0 ANNUAL   ROAD2          5
     605269.83    4201576.12      0.00301     116.5    132.79        0 ANNUAL   ROAD2          5
     605271.43    4201670.51      0.00265    125.92    125.92        0 ANNUAL   ROAD2          5
     605272.78    4201468.12      0.00326    119.34    129.35        0 ANNUAL   ROAD2          5
     605279.99    4201489.75      0.00314    123.86    126.62        0 ANNUAL   ROAD2          5
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     605286.18    4201633.34      0.00281    120.83    132.58        0 ANNUAL   ROAD2          5
      605286.6    4201513.79      0.00306     126.3     126.3        0 ANNUAL   ROAD2          5
      605288.7    4201676.27      0.00265    125.99    125.99        0 ANNUAL   ROAD2          5
     605303.55    4201645.09      0.00277    122.93    125.98        0 ANNUAL   ROAD2          5
     605305.23    4201576.28      0.00311    112.41    132.79        0 ANNUAL   ROAD2          5
     605306.62    4201416.94       0.0038    103.31    132.79        0 ANNUAL   ROAD2          5
     605315.44    4201466.31      0.00339    114.93     130.8        0 ANNUAL   ROAD2          5
     605322.05    4201586.49      0.00314     110.1    132.79        0 ANNUAL   ROAD2          5
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     605335.73    4201683.92      0.00269    124.38    124.38        0 ANNUAL   ROAD2          5
     605338.73    4201527.72      0.00307    126.29    126.57        0 ANNUAL   ROAD2          5
     605341.29    4201471.54      0.00345    112.99    129.56        0 ANNUAL   ROAD2          5
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* AERMOD ( 191  91): C:\Users\a  patel\Desktop\  HRA\RANCH  HRA\RANCH  HRA.isc                    12/16/        19
* AERMET ( 141  34):                                                                                18:11        22
* MODELING OPT  IONS USED:  Re  gDFAULT  CONC  ELEV  UR   BAN
* PLOT          FILE OF ANNUAL  VALUES AVERAG  ED ACROSS  5 YEARS    FOR SOU  RCE GROU  P: ROAD3
* FOR           A TOTAL OF  140  4 RECEPTORS.
* FORM          AT: (3(1X,F13.5  ),3(1X,F8.2),2  X,A6,2X,A  8,2X,I8.8,  2X,A8)
* X             Y              AVERAGE CONC  ZELEV     ZHILL     ZFLAG    AVE      GRP      NUM YRS  NET ID
     605009.76    4201463.46      0.01178    122.11    130.86        0 ANNUAL   ROAD3          5
     605020.97    4201489.77      0.01192    118.57    131.57        0 ANNUAL   ROAD3          5
     605025.63    4201440.58      0.01197    122.24    130.86        0 ANNUAL   ROAD3          5
     605045.35    4201493.83      0.01195    121.64    131.57        0 ANNUAL   ROAD3          5
     605052.57    4201438.73      0.01215    122.96    130.88        0 ANNUAL   ROAD3          5
     605067.01    4201501.96      0.01203    123.12    131.57        0 ANNUAL   ROAD3          5
      605077.3     4201449.8      0.01225    124.34    131.12        0 ANNUAL   ROAD3          5
     605088.68    4201514.14      0.01214    123.58    131.57        0 ANNUAL   ROAD3          5
     605094.28    4201462.35      0.01226    126.91       131        0 ANNUAL   ROAD3          5
     605106.29     4201530.4      0.01225     122.8    131.57        0 ANNUAL   ROAD3          5
      605113.1    4201473.42      0.01233     128.4    131.12        0 ANNUAL   ROAD3          5
      605134.6    4201499.62      0.01235     131.2     131.2        0 ANNUAL   ROAD3          5
     605151.19    4201482.44      0.01262    128.35    131.57        0 ANNUAL   ROAD3          5
     605168.07    4201530.53      0.01256    129.61    129.61        0 ANNUAL   ROAD3          5
     605172.03    4201466.28      0.01308    121.83    131.57        0 ANNUAL   ROAD3          5
     605181.62    4201558.83      0.01262    127.74    128.49        0 ANNUAL   ROAD3          5
     605188.98    4201454.15      0.01347    117.79    131.57        0 ANNUAL   ROAD3          5
     605191.33    4201515.02      0.01284    128.86    128.86        0 ANNUAL   ROAD3          5
     605193.13    4201585.31      0.01279    122.64    132.79        0 ANNUAL   ROAD3          5
     605201.19    4201601.43      0.01274    124.23    132.79        0 ANNUAL   ROAD3          5
     605202.19    4201404.28      0.01494    103.61    132.79        0 ANNUAL   ROAD3          5
     605207.14    4201438.92      0.01424    109.92    132.79        0 ANNUAL   ROAD3          5
      605207.2       4201501      0.01315    124.91    131.57        0 ANNUAL   ROAD3          5
      605208.1    4201623.31      0.01256     129.4     132.1        0 ANNUAL   ROAD3          5
     605226.39    4201488.08      0.01351    121.28    131.57        0 ANNUAL   ROAD3          5
     605226.91     4201528.1      0.01316    127.37    127.37        0 ANNUAL   ROAD3          5
     605227.67    4201640.58      0.01267    129.04    131.37        0 ANNUAL   ROAD3          5
     605241.22    4201548.03      0.01329    124.97    129.29        0 ANNUAL   ROAD3          5
     605249.55       4201659      0.01285    126.97    130.76        0 ANNUAL   ROAD3          5
     605251.44    4201595.54      0.01342    119.68    132.79        0 ANNUAL   ROAD3          5
     605251.89    4201403.82      0.01505    106.88    132.79        0 ANNUAL   ROAD3          5
     605255.31    4201424.35      0.01486    108.49    132.79        0 ANNUAL   ROAD3          5
     605262.68    4201624.15      0.01333    121.33    132.79        0 ANNUAL   ROAD3          5
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      605286.6    4201513.79      0.01381     126.3     126.3        0 ANNUAL   ROAD3          5
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     605315.44    4201466.31      0.01478    114.93     130.8        0 ANNUAL   ROAD3          5
     605322.05    4201586.49      0.01479     110.1    132.79        0 ANNUAL   ROAD3          5
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     605335.73    4201683.92      0.01368    124.38    124.38        0 ANNUAL   ROAD3          5
     605338.73    4201527.72       0.0143    126.29    126.57        0 ANNUAL   ROAD3          5
     605341.29    4201471.54      0.01516    112.99    129.56        0 ANNUAL   ROAD3          5
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606781.11	4201450.46	0.01953	71.8	75.5	0	ANNUAL	ROA02	5
606781.63	4201550.27	0.0184	72.99	95.65	0	ANNUAL	ROA02	5
606784.71	4201619.32	0.01762	76.32	95.65	0	ANNUAL	ROA02	5
606788.27	4201705.57	0.01532	85.85	95.65	0	ANNUAL	ROA02	5
606796.31	4201667.36	0.0168	81.65	95.65	0	ANNUAL	ROA02	5
606800	4201757.78	0.01266	94.74	94.74	0	ANNUAL	ROA02	5
606800.7	4201451.51	0.02034	72.1	75.52	0	ANNUAL	ROA02	5
606805.3	4201504.85	0.02027	68.02	95.65	0	ANNUAL	ROA02	5
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606808.1	4201568.11	0.01948	72.11	95.65	0	ANNUAL	ROA02	5
606815.75	4201713.62	0.01534	87.05	95.65	0	ANNUAL	ROA02	5
606818.19	4201452.56	0.02115	72.27	75.53	0	ANNUAL	ROA02	5
606818.4	4201543.59	0.0204	70.53	95.65	0	ANNUAL	ROA02	5
606820.45	4201672.06	0.01722	82.24	95.65	0	ANNUAL	ROA02	5
606822.76	4201767.46	0.01257	95.41	95.41	0	ANNUAL	ROA02	5
606823.52	4201500.3	0.02122	67.51	95.65	0	ANNUAL	ROA02	5
606827.42	4201586.84	0.01991	73.78	95.65	0	ANNUAL	ROA02	5
606829.21	4201623.71	0.01903	77.47	95.65	0	ANNUAL	ROA02	5
606836.03	4201452.56	0.02204	72.46	75.25	0	ANNUAL	ROA02	5
606838.55	4201678.09	0.01738	82.76	95.65	0	ANNUAL	ROA02	5
606839.22	4201718.98	0.01546	87.45	95.65	0	ANNUAL	ROA02	5
606840.61	4201535.61	0.02159	70.02	95.65	0	ANNUAL	ROA02	5
606848.02	4201501.43	0.02249	67.45	95.65	0	ANNUAL	ROA02	5
606848.84	4201591.3	0.02062	74.66	95.65	0	ANNUAL	ROA02	5
606849.73	4201627.88	0.01951	78.24	95.65	0	ANNUAL	ROA02	5
606852.3	4201771.34	0.013	95.44	95.44	0	ANNUAL	ROA02	5
606854.57	4201452.21	0.02309	72.42	74.9	0	ANNUAL	ROA02	5
606859.41	4201535.04	0.02254	70.2	95.65	0	ANNUAL	ROA02	5
606861.34	4201681.44	0.01778	82.64	95.65	0	ANNUAL	ROA02	5
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606867.39	4201504.28	0.02351	67.57	95.65	0	ANNUAL	ROA02	5
606867.57	4201584.76	0.02149	74.63	95.65	0	ANNUAL	ROA02	5
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606876.75	4201686.8	0.018	82.5	95.65	0	ANNUAL	ROA02	5
606879.35	4201540.17	0.02333	71.33	95.65	0	ANNUAL	ROA02	5
606884.47	4201502.57	0.02452	67.45	95.65	0	ANNUAL	ROA02	5
606889.49	4201720.32	0.01649	86.93	95.65	0	ANNUAL	ROA02	5
606891.36	4201599.33	0.02186	76.07	95.65	0	ANNUAL	ROA02	5
606892.25	4201637.1	0.02064	77.57	95.65	0	ANNUAL	ROA02	5
606892.34	4201453.96	0.02586	70.03	74.8	0	ANNUAL	ROA02	5
606897.31	4201583.27	0.02259	75.42	95.65	0	ANNUAL	ROA02	5
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606900.73	4201772.79	0.01439	94.27	94.27	0	ANNUAL	ROA02	5
606902.13	4201544.16	0.02411	72.94	95.65	0	ANNUAL	ROA02	5
606905.55	4201522.51	0.02525	69.97	95.65	0	ANNUAL	ROA02	5
606912.96	4201504.85	0.02615	67.56	95.65	0	ANNUAL	ROA02	5
606914.38	4201456.76	0.02739	68.23	74.72	0	ANNUAL	ROA02	5
606922.34	4201725.01	0.01701	87.66	95.63	0	ANNUAL	ROA02	5
606923.68	4201691.5	0.01933	80.53	95.65	0	ANNUAL	ROA02	5
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606935.74	4201641.22	0.02215	74.03	95.65	0	ANNUAL	ROA02	5
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606941.11	4201611.06	0.02338	73.88	95.65	0	ANNUAL	ROA02	5
606942.45	4201591.62	0.02401	74.57	95.65	0	ANNUAL	ROA02	5
606947.14	4201691.5	0.01988	80.11	95.65	0	ANNUAL	ROA02	5
606947.26	4201548.33	0.02572	74.78	74.78	0	ANNUAL	ROA02	5
606948.68	4201774.24	0.01541	91.94	91.94	0	ANNUAL	ROA02	5
606951.81	4201517.55	0.02786	70.82	75.3	0	ANNUAL	ROA02	5
606952.5	4201465.5	0.02984	66.73	74.88	0	ANNUAL	ROA02	5
606957.19	4201638.54	0.02273	73.97	95.65	0	ANNUAL	ROA02	5
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607026.25	4202541.14	0.00839	53.8	100.34	0	ANNUAL	ROA02	5
607027.58	4201648.59	0.0235	74.55	95.63	0	ANNUAL	ROA02	5
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607047.25	4202491.54	0.00898	59.39	100.34	0	ANNUAL	ROA02	5
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607054.99	4201488.59	0.03477	66.57	76.36	0	ANNUAL	ROA02	5
607055.01	4201570.37	0.02766	75.87	76.12	0	ANNUAL	ROA02	5
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607057.74	4201619.77	0.02608	67.42	95.65	0	ANNUAL	ROA02	5
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607071.8	4201574.57	0.02818	74.81	75.53	0	ANNUAL	ROA02	5
607073.16	4201742.44	0.01754	85.35	87.26	0	ANNUAL	ROA02	5
607076.51	4201655.3	0.02411	74.06	94.33	0	ANNUAL	ROA02	5
607078.53	4201622.45	0.02641	67.3	95.65	0	ANNUAL	ROA02	5
607078.8	4201540.99	0.03094	73.22	75.96	0	ANNUAL	ROA02	5
607079.65	4202427.69	0.00964	70.57	95.46	0	ANNUAL	ROA02	5
607081.85	4201948.62	0.01571	67.71	94.97	0	ANNUAL	ROA02	5
607081.85	4201998.62	0.01392	75.11	75.11	0	ANNUAL	ROA02	5
607081.85	4202048.62	0.01276	78.52	87.66	0	ANNUAL	ROA02	5
607081.85	4202098.62	0.01172	82.84	86.7	0	ANNUAL	ROA02	5
607081.85	4202148.62	0.01115	83.52	83.52	0	ANNUAL	ROA02	5
607081.85	4202198.62	0.01095	80.37	95.28	0	ANNUAL	ROA02	5
607081.85	4202248.62	0.01091	75.03	95.46	0	ANNUAL	ROA02	5
607081.85	4202298.62	0.01048	74.77	95.46	0	ANNUAL	ROA02	5
607081.85	4202348.62	0.00989	76.26	95.44	0	ANNUAL	ROA02	5
607081.85	4202398.62	0.00969	74.31	74.31	0	ANNUAL	ROA02	5
607081.85	4202448.62	0.00963	67.36	95.46	0	ANNUAL	ROA02	5
607081.85	4202498.62	0.00915	57.99	100.34	0	ANNUAL	ROA02	5
607081.85	4202548.62	0.0087	53.06	100.34	0	ANNUAL	ROA02	5
607081.85	4202598.62	0.00829	49.52	100.34	0	ANNUAL	ROA02	5
607081.85	4202648.62	0.00797	48.08	100.34	0	ANNUAL	ROA02	5
607081.85	4202698.62	0.00767	46.85	100.34	0	ANNUAL	ROA02	5
607081.85	4202748.62	0.00739	45.89	100.34	0	ANNUAL	ROA02	5
607088.6	4201577.72	0.0287	73.59	75.12	0	ANNUAL	ROA02	5
607090.34	4202416.33	0.00977	71.69	94.93	0	ANNUAL	ROA02	5
607092.51	4201790.71	0.01698	83.22	88.13	0	ANNUAL	ROA02	5
607093.27	4201712.28	0.02031	79.62	90.08	0	ANNUAL	ROA02	5
607094.61	4201741.77	0.0185	82.94	88.13	0	ANNUAL	ROA02	5
607098.04	4201544.48	0.0315	72.42	75	0	ANNUAL	ROA02	5
607099.31	4201628.48	0.02666	67.88	95.51	0	ANNUAL	ROA02	5
607099.98	4201657.98	0.02463	73.23	92.59	0	ANNUAL	ROA02	5
607103.71	4202402.3	0.00994	72.94	74.34	0	ANNUAL	ROA02	5
607106.06	4201502.23	0.03575	66.58	76.36	0	ANNUAL	ROA02	5
607109.45	4201582.54	0.02946	71.6	75.12	0	ANNUAL	ROA02	5
607109.71	4201481.99	0.03778	65.8	76.27	0	ANNUAL	ROA02	5
607111.31	4201455.71	0.04068	66.97	66.97	0	ANNUAL	ROA02	5
607114.05	4201708.25	0.02131	77.96	89.73	0	ANNUAL	ROA02	5
607114.38	4201550.44	0.0318	71.8	74.08	0	ANNUAL	ROA02	5
607114.79	4201795.07	0.01838	78.18	90.08	0	ANNUAL	ROA02	5
607116.06	4201742.44	0.01957	80.31	88.77	0	ANNUAL	ROA02	5
607116.4	4202391.6	0.01011	73.55	73.55	0	ANNUAL	ROA02	5
607118.75	4201626.47	0.02741	67.76	95.22	0	ANNUAL	ROA02	5
607121.43	4201658.65	0.02547	71.76	91.13	0	ANNUAL	ROA02	5
607125.91	4201581.72	0.03032	70.76	70.76	0	ANNUAL	ROA02	5
607128.43	4202382.25	0.01028	73.96	73.96	0	ANNUAL	ROA02	5
607130.44	4202366.21	0.01038	74.75	74.75	0	ANNUAL	ROA02	5
607131.69	4202533.61	0.00913	53.01	100.34	0	ANNUAL	ROA02	5
607131.85	4201948.62	0.01617	72.25	75.78	0	ANNUAL	ROA02	5
607131.85	4201998.62	0.01463	76.13	76.13	0	ANNUAL	ROA02	5
607131.85	4202048.62	0.01359	78.54	78.54	0	ANNUAL	ROA02	5
607131.85	4202098.62	0.01273	80.25	80.25	0	ANNUAL	ROA02	5
607131.85	4202148.62	0.01211	80.19	80.19	0	ANNUAL	ROA02	5
607131.85	4202198.62	0.01199	75.35	95.28	0	ANNUAL	ROA02	5
607131.85	4202248.62	0.01191	69.29	95.46	0	ANNUAL	ROA02	5
607131.85	4202298.62	0.01106	74.33	95.44	0	ANNUAL	ROA02	5
607131.85	4202348.62	0.01039	75.6	75.6	0	ANNUAL	ROA02	5
607131.85	4202398.62	0.01031	71.29	74.72	0	ANNUAL	ROA02	5
607131.85	4202448.62	0.01001	62.11	95.46	0	ANNUAL	ROA02	5
607131.85	4202498.62	0.00946	55.48	100.34	0	ANNUAL	ROA02	5
607131.85	4202548.62	0.009	51.89	100.34	0	ANNUAL	ROA02	5
607131.85	4202598.62	0.00859	49.14	100.34	0	ANNUAL	ROA02	5
607131.85	4202648.62	0.00824	47.95	100.34	0	ANNUAL	ROA02	5
607131.85	4202698.62	0.00792	46.65	100.34	0	ANNUAL	ROA02	5
607131.85	4202748.62	0.00762	45.51	100.34	0	ANNUAL	ROA02	5
607134.16	4201710.27	0.02214	76.34	89.42	0	ANNUAL	ROA02	5
607134.55	4201552.91	0.0328	70.01	73.38	0	ANNUAL	ROA02	5
607135.38	4202554.13	0.00897	51.38	100.34	0	ANNUAL	ROA02	5
607137.51	4201741.77	0.02086	77.15	89.42	0	ANNUAL	ROA02	5
607138.86	4201627.81	0.02811	67.53	93.87	0	ANNUAL	ROA02	5
607139.48	4202572.19	0.00883	49.98	100.34	0	ANNUAL	ROA02	5
607139.67	4201507.22	0.03676	64.68	76.27	0	ANNUAL	ROA02	5
607140.46	4201489.08	0.0386	65.14	76.27	0	ANNUAL	ROA02	5
607140.94	4201796.52	0.02041	71.66	93.05	0	ANNUAL	ROA02	5
607142.23	4202652.61	0.00828	47.8	100.34	0	ANNUAL	ROA02	5
607143.61	4201470.95	0.04078	66.03	66.03	0	ANNUAL	ROA02	5
607145.14	4202352.84	0.01047	75.74	75.74	0	ANNUAL	ROA02	5
607145.92	4202673.12	0.00816	47.32	100.34	0	ANNUAL	ROA02	5
607146.05	4202593.12	0.00871	49.14	100.34	0	ANNUAL	ROA02	5
607146.9	4201656.64	0.02679	69.24	91.5	0	ANNUAL	ROA02	5
607147.72	4201580.48	0.03141	69.56	69.56	0	ANNUAL	ROA02	5

607631.85	4202548.62	0.0119	45.02	88.6	0	ANNUAL	ROAD2	5
607636.96	4201667.56	0.05315	59.65	82.04	0	ANNUAL	ROAD2	5
607637.9	4201023.63	0.60543	67.23	67.23	0	ANNUAL	ROAD2	5
607637.9	4201040.15	0.5674	67.22	67.22	0	ANNUAL	ROAD2	5
607637.9	4201056.67	0.53089	67.14	67.14	0	ANNUAL	ROAD2	5
607637.9	4201073.19	0.49593	67.13	67.13	0	ANNUAL	ROAD2	5
607637.9	4201089.71	0.46259	67.14	67.14	0	ANNUAL	ROAD2	5
607637.9	4201106.23	0.43097	67.14	67.14	0	ANNUAL	ROAD2	5
607638.19	4201499.38	0.08755	68.28	68.28	0	ANNUAL	ROAD2	5
607646.08	4201557.29	0.07325	67.67	67.67	0	ANNUAL	ROAD2	5
607647.58	4201700.87	0.04849	66.44	82.04	0	ANNUAL	ROAD2	5
607655.79	4201662.74	0.0546	60.85	82.04	0	ANNUAL	ROAD2	5
607661.39	4201023.63	0.55279	66.95	66.95	0	ANNUAL	ROAD2	5
607661.39	4201040.15	0.5191	66.9	66.9	0	ANNUAL	ROAD2	5
607661.39	4201056.67	0.48688	66.91	66.91	0	ANNUAL	ROAD2	5
607661.39	4201073.19	0.45612	66.85	66.85	0	ANNUAL	ROAD2	5
607661.39	4201089.71	0.42686	66.81	66.81	0	ANNUAL	ROAD2	5
607661.39	4201106.23	0.39912	66.8	66.8	0	ANNUAL	ROAD2	5
607664.96	4201692.67	0.05108	66.77	82.04	0	ANNUAL	ROAD2	5
607665.17	4201577.8	0.06941	63.97	68.13	0	ANNUAL	ROAD2	5
607665.17	4201609.62	0.06317	60.68	82.04	0	ANNUAL	ROAD2	5
607672.95	4201521.22	0.08205	68.02	68.02	0	ANNUAL	ROAD2	5
607675.07	4201495.76	0.08874	68.07	68.07	0	ANNUAL	ROAD2	5
607675.1	4201657.91	0.05592	61.79	82.04	0	ANNUAL	ROAD2	5
607681.85	4202348.62	0.01568	53.56	53.56	0	ANNUAL	ROAD2	5
607681.85	4202398.62	0.01463	49.49	49.49	0	ANNUAL	ROAD2	5
607681.85	4202448.62	0.01374	47.63	47.63	0	ANNUAL	ROAD2	5
607681.85	4202498.62	0.01294	46.03	46.03	0	ANNUAL	ROAD2	5
607681.85	4202548.62	0.01222	44.43	88.6	0	ANNUAL	ROAD2	5
607682.14	4201602.55	0.06481	61.07	82.04	0	ANNUAL	ROAD2	5
607684.88	4201023.63	0.50845	66.67	66.67	0	ANNUAL	ROAD2	5
607684.88	4201040.15	0.47835	66.66	66.66	0	ANNUAL	ROAD2	5
607684.88	4201056.67	0.44965	66.58	66.58	0	ANNUAL	ROAD2	5
607684.88	4201073.19	0.42233	66.57	66.57	0	ANNUAL	ROAD2	5
607684.88	4201089.71	0.39637	66.56	66.56	0	ANNUAL	ROAD2	5
607684.88	4201106.23	0.37177	66.54	66.54	0	ANNUAL	ROAD2	5
607687.16	4201688.32	0.0522	67.42	82.04	0	ANNUAL	ROAD2	5
607689.92	4201541.02	0.0775	66.6	66.6	0	ANNUAL	ROAD2	5
607691.99	4201650.19	0.05745	62.09	82.04	0	ANNUAL	ROAD2	5
607694.87	4201484.45	0.0917	67.96	67.96	0	ANNUAL	ROAD2	5
607700.53	4201594.06	0.06659	61.34	82.04	0	ANNUAL	ROAD2	5
607708.37	4201023.63	0.47059	66.39	66.39	0	ANNUAL	ROAD2	5
607708.37	4201040.15	0.4435	66.34	66.34	0	ANNUAL	ROAD2	5
607708.37	4201056.67	0.41773	66.29	66.29	0	ANNUAL	ROAD2	5
607708.4	4201680.6	0.05367	66.8	82.04	0	ANNUAL	ROAD2	5
607715.16	4201646.81	0.05837	62.94	82.04	0	ANNUAL	ROAD2	5
607715.38	4201481.62	0.09211	67.46	67.46	0	ANNUAL	ROAD2	5
607716.09	4201541.02	0.07745	65.06	65.06	0	ANNUAL	ROAD2	5
607720.33	4201594.77	0.06657	61.16	82.04	0	ANNUAL	ROAD2	5
607721.85	4202348.62	0.01614	52.4	52.4	0	ANNUAL	ROAD2	5
607721.85	4202398.62	0.01508	49.72	49.72	0	ANNUAL	ROAD2	5
607721.85	4202448.62	0.01413	47.35	47.35	0	ANNUAL	ROAD2	5
607721.85	4202498.62	0.01328	45.28	45.28	0	ANNUAL	ROAD2	5
607721.85	4202548.62	0.01253	43.89	88.58	0	ANNUAL	ROAD2	5
607733.02	4201646.81	0.05857	63.47	82.04	0	ANNUAL	ROAD2	5

* AERMOD (19191)
* AERMET (14134)
Unit Concentrations
RANCH HRA -ALL PHASES

X	Y	AREA1	AREA2	AREA3	ROAD1	ROAD2	ROAD3	ROAD4	ROAD5	ROAD6
605009.76	4201463.46	AVERAGE CONC	AVERAGE CONC	AVERAGE CONC	AVERAGE CONC	AVERAGE CONC	AVERAGE CONC	AVERAGE CONC	AVERAGE CONC	AVERAGE CONC
607607.79	4201535.43	105009.2402	15311.27379	15265.07485	0.0738	0.07708	0.55754	0.53371	0.03587	0.03535
606554.49	4201509.26	46786.8227	164901.3976	35651.42009	0.01102	0.01099	0.05639	0.05747	0.16599	0.16215
607607.03	4201729.35	65033.79586	13251.03637	13643.63353	0.04335	0.04458	0.59427	0.5644	0.03405	0.03354
606602.68	4201659.79	25575.78404	69418.31253	26600.91988	0.01048	0.01043	0.05563	0.05681	0.15492	0.15028
607610.72	4201606.08	86990.51779	14357.24926	14541.99654	0.05974	0.06198	0.57699	0.54977	0.03499	0.03447
607614.41	4201073.19	220120.9088	19437.76626	19581.10139	0.49558	0.54357	0.24375	0.22184	0.03497	0.03468
607614.41	4201056.67	223215.7226	19514.32072	19768.30098	0.53321	0.5838	0.22657	0.20561	0.03472	0.03445
606562.5	4201446.27	142873.7817	249415.2106	39414.18752	0.0129	0.01297	0.06179	0.06276	0.15439	0.15145
607614.41	4201040.15	226825.8347	19582.29288	19955.87823	0.57282	0.62566	0.20905	0.18925	0.03446	0.03421
606602.79	4201495.6	89422.93015	151713.6883	35491.17045	0.01269	0.01267	0.06359	0.06477	0.14888	0.14562
607614.41	4201089.71	217310.9204	19352.27042	19394.40461	0.46001	0.50511	0.26035	0.23775	0.03519	0.03489
607614.41	4201023.63	231324.5311	19642.07181	20144.20557	0.61434	0.66899	0.19146	0.173	0.03418	0.03394
606603.37	4201715.64	21670.32891	55950.08483	24639.74706	0.01041	0.01035	0.05687	0.05815	0.15136	0.14657
606564.63	4201574.33	31481.75848	110033.7022	31189.22403	0.01045	0.01037	0.05401	0.0551	0.16784	0.16339
606614.31	4201618.42	33790.86528	82354.93441	28511.16212	0.01133	0.01127	0.05832	0.05958	0.15196	0.14768
607614.41	4201106.23	214637.8107	19259.52449	19209.2604	0.42657	0.46859	0.27621	0.25315	0.0354	0.03509
606637.41	4201622.62	38020.95397	77835.3871	28281.10068	0.012	0.01193	0.06161	0.06297	0.14468	0.14057
606692.23	4201569.44	74507.62157	84015.77674	30044.50223	0.01461	0.01452	0.07355	0.07514	0.12826	0.12508
606641.63	4201699.66	27153.03848	57580.93307	25009.14969	0.01148	0.01138	0.06124	0.06263	0.1405	0.13621
607637.9	4201023.63	216815.5132	18986.11094	19654.64336	0.5602	0.60543	0.17813	0.16215	0.03358	0.03335
606603.82	4201511.7	74226.10339	139143.0269	34572.59617	0.01248	0.01244	0.06293	0.06413	0.15013	0.14671
607631.24	4201526.31	101802.4242	14969.29655	15064.06802	0.07672	0.08015	0.49112	0.47174	0.03511	0.03461
607615.67	4201566.48	95518.12127	14791.08425	14896.07673	0.06754	0.07031	0.54952	0.52576	0.03531	0.03479
607618.06	4201676.37	72143.62698	13477.38621	13865.7466	0.04953	0.05111	0.55898	0.53174	0.03402	0.03351
607628.27	4201709.56	66314.73982	13106.36224	13608.7644	0.04634	0.04773	0.53706	0.51165	0.03354	0.03305
606618.46	4201447.31	228297.8736	182112.3594	38023.99706	0.01408	0.01415	0.06699	0.06811	0.13956	0.1369
607620.62	4201625.88	81243.91656	13955.68762	14256.62321	0.05679	0.05882	0.54991	0.52417	0.03443	0.03392
607623.86	4201478.54	116166.9729	15641.32474	15544.28673	0.08914	0.09364	0.48182	0.46411	0.0357	0.03519
606645.02	4201715.16	26294.98591	54261.4635	24493.3904	0.01162	0.01152	0.06217	0.06362	0.13842	0.13415
606689.81	4201589.3	64135.02882	78685.76771	29237.62085	0.01437	0.01427	0.07287	0.07449	0.12923	0.12592
606697.33	4201750.03	28677.42255	45708.65891	23113.97745	0.01314	0.01306	0.06998	0.07175	0.12172	0.11805
606640.56	4201604.42	44290.59045	83049.6057	29260.03205	0.01249	0.01242	0.06379	0.0652	0.14351	0.13955
607631.85	4202348.62	19136.47343	7955.68741	9308.43381	0.01504	0.0152	0.3072	0.29627	0.02547	0.02512
606637.54	4201662.7	30757.10908	66461.51524	26404.37585	0.01151	0.01144	0.06045	0.0618	0.14372	0.13944
606608.37	4201529.55	64414.24172	125226.3533	33517.09658	0.01242	0.01236	0.06286	0.06411	0.15015	0.14657
606634.55	4201446.27	252525.6877	169385.2014	37700.47009	0.01449	0.01455	0.06864	0.06982	0.13551	0.13293
606725.93	4201665.35	46157.38219	57038.11714	25827.5965	0.01482	0.01468	0.07542	0.07728	0.11956	0.11622
606728.64	4201447.31	347847.084	112103.8432	35164.34129	0.01759	0.01761	0.0813	0.08289	0.11497	0.11279
606733.87	4201616.9	63609.77664	65057.42177	27437.31772	0.01576	0.01561	0.07934	0.08122	0.11834	0.11531
606730.46	4201491.23	185005.4011	96899.58856	32803.52219	0.01714	0.0171	0.08188	0.08349	0.11687	0.11441
606636.58	4201680.62	28340.73777	62146.23394	25699.18298	0.01135	0.01127	0.06022	0.06157	0.14314	0.13884
606575.48	4201609.67	27575.50779	90295.53199	29099.48147	0.0103	0.01022	0.05359	0.05469	0.1651	0.16047
606692.23	4201548.14	88252.18446	90689.44379	30989.77802	0.01481	0.01473	0.07401	0.07555	0.12775	0.1247
606739.34	4201697.53	40433.31073	50742.26165	24433.20064	0.01468	0.0146	0.07565	0.07756	0.11522	0.11195
607637.9	4201040.15	212206.9437	18927.02452	19476.12262	0.5237	0.5674	0.19297	0.176	0.03384	0.0336
606745.08	4201446.96	360013.2929	105625.1657	34759.35819	0.0182	0.01819	0.08381	0.08552	0.11186	0.10974
606689.81	4201512.79	122515.4339	103687.8592	32700.40056	0.01528	0.01525	0.07496	0.07643	0.12702	0.12419
607637.9	4201056.67	208493.982	18858.03713	19296.05512	0.489	0.53089	0.20769	0.18988	0.03409	0.03382
606748.4	4201588.33	82107.93783	68354.68691	28235.09383	0.01684	0.01671	0.08424	0.08616	0.11503	0.11218
607631.85	4202398.62	17589.92419	7528.37487	8971.49696	0.01403	0.01417	0.2774	0.26861	0.02477	0.02444
606724.19	4201533.13	113285.7805	87099.54868	31042.03203	0.01618	0.01609	0.07937	0.08103	0.11994	0.11719
606638.46	4201547.04	67908.1439	105850.679	32053.83243	0.01314	0.01308	0.06648	0.06784	0.14216	0.1387
606705.15	4201666.69	42327.64035	58880.07798	25984.54709	0.01404	0.0139	0.07189	0.07363	0.12461	0.12107
606749.39	4201666.02	49494.19653	54650.48942	25499.6276	0.01558	0.01546	0.07895	0.08094	0.11423	0.11106
606690.29	4201532.16	100925.425	96599.12415	31764.89541	0.01492	0.01485	0.0741	0.07561	0.12773	0.12476
606749.63	4201747.12	32108.97659	43450.35465	22446.47908	0.01342	0.01347	0.07386	0.07576	0.10996	0.10683
606636.61	4201495.6	114586.4586	133676.2714	34745.21554	0.01369	0.01367	0.06785	0.06911	0.13936	0.13633
607637.9	4201073.19	205330.4091	18782.40449	19117.19719	0.45612	0.49593	0.22212	0.20363	0.03432	0.03404
606671.98	4201445.92	299776.3236	142905.2562	36777.82566	0.01554	0.01559	0.07308	0.07439	0.12681	0.1244
606638.81	4201564.89	59306.68589	97807.18214	31187.63377	0.01301	0.01295	0.0662	0.0676	0.14278	0.13916
606760.02	4201616.9	69869.36066	61388.12249	27008.60928	0.01687	0.01672	0.08463	0.08667	0.1124	0.10953
606609.77	4201546.69	55879.03432	114718.3359	32602.35777	0.01227	0.0122	0.06229	0.06357	0.15084	0.14711
606688.39	4201702.89	33170.14325	53715.58982	24724.35866	0.01311	0.01298	0.06831	0.06997	0.12722	0.12345
606709.06	4201446.27	336093.8153	121700.0154	35760.6122	0.01684	0.01686	0.07823	0.07967	0.11885	0.1166
606763.47	4201701.55	42094.80945	48369.03688	23981.88253	0.01508	0.01506	0.07847	0.08049	0.10985	0.10677
606690.08	4201496.69	147431.32	109711.1921	33494.76105	0.01551	0.0155	0.07544	0.07689	0.12612	0.1234
606654.84	4201448.01	265776.7303	152946.0318	37085.67433	0.01502	0.01507	0.07097	0.07221	0.13088	0.12838
606640.21	4201512.75	95408.23801	122384.5548	33754.26056	0.01357	0.01353	0.06774	0.06904	0.13962	0.13645
606764.67	4201449.41	355919.0406	97817.40832	34117.08072	0.01893	0.01891	0.08704	0.08887	0.10844	0.10638
606723.22	4201511.82	139414.8477	93467.98098	32032.09526	0.01644	0.01639	0.07992	0.08155	0.11943	0.1168
606580.34	4201444.87	182858.0868	226724.0075	39090.44365	0.01328	0.01335	0.06337	0.06438	0.14921	0.14639
607646.08	4201557.29	91692.64895	14362.43533	14643.89973	0.07035	0.07325	0.47058	0.45187	0.03436	0.03387
606684.48	4201614.96	53160.00405	72648.74158	28272.86433	0.01398	0.01387	0.07148	0.07312	0.13074	0.12722
606650.35	4201752.93	24582.63522	47329.68939	23449.32967	0.01208	0.01196	0.0649	0.06649	0.13387	0.12965
606709.18	4201615.93	58378.88353	68797.34764	27859.40087	0.01482	0.01469	0.0752	0.07695	0.12442	0.12111
606772.85	4201664.68	53113.55001	52633.95723	25233.27609	0.01629	0.01621	0.0825	0.08465	0.10933	0.10635
606689.82	4201446.96	312338.3562	131723.1608	36246.43695	0.01611	0.01616	0.07546	0.07686	0.12298	0.12064
607631.85	4202448.62	16332.49722	7156.98181	8691.43455	0.01322	0.01334	0.2521	0.24508	0.0242	0.02388
607672.95	4201521.22	93887.03949	14272.91392	14619.98649	0.07863	0.08205	0.4055	0.39103	0.03374	0.03327

606640.21	4201583.08	52439.41377	90287.86326	30325.38349	0.01289	0.01281	0.06583	0.06726	0.14293	0.13917
607285.17	4201568.14	169412.9388	23550.848	19110.48033	0.04083	0.04181	0.75193	0.83269	0.05085	0.04994
606720.31	4201572.83	81597.47812	77226.54665	29390.87305	0.01563	0.01551	0.07812	0.07985	0.12144	0.11846
606709.84	4201695.52	37214.04115	53347.01294	24817.61977	0.01388	0.01375	0.07165	0.07342	0.1222	0.11866
606684.37	4201668.7	38007.89947	60602.59169	26012.03799	0.01316	0.01303	0.06793	0.06954	0.13003	0.12624
606646.47	4201734.05	25177.32901	50698.68558	23922.40494	0.01178	0.01166	0.06319	0.0647	0.13656	0.13231
607287.2	4201728.23	81368.74248	19972.75862	16794.20868	0.02891	0.0294	0.77655	0.89687	0.04835	0.04745
606718.86	4201551.04	95242.38151	83429.12148	30357.33231	0.0157	0.01559	0.0778	0.07947	0.12155	0.11867
607288.66	4201454.4	482208.0237	26446.40864	21098.82721	0.05712	0.05906	1.10477	1.24173	0.0517	0.05085
606774.54	4201515.11	159037.2233	78851.09817	30725.21095	0.01861	0.0185	0.08917	0.09104	0.10899	0.10662
606774.54	4201498.02	196555.8382	81933.64074	31382.11511	0.01902	0.01894	0.0899	0.09192	0.10823	0.10595
606773.36	4201751.96	32235.35067	41040.15856	21852.058	0.01284	0.01296	0.07486	0.07681	0.10458	0.10167
607483.15	4201562.79	129148.2312	17654.59608	16523.59446	0.05944	0.06182	1.45992	1.33656	0.04059	0.03995
607475.65	4201620.23	106153.6362	16884.36289	15896.06562	0.04934	0.05099	1.6502	1.48013	0.04015	0.0395
607647.58	4201700.87	65948.6596	12914.89223	13520.08443	0.04802	0.04949	0.4909	0.46965	0.03304	0.03255
607289.45	4201490.66	304595.974	25436.61289	20417.30751	0.0512	0.05275	0.98694	1.10067	0.05143	0.05056
606720.09	4201748.57	30526.60228	44790.29624	22906.81392	0.01349	0.01345	0.0722	0.07406	0.11642	0.113
607474.9	4201475.93	183601.6268	19226.55394	17637.13119	0.07944	0.08358	1.26874	1.18998	0.04168	0.04104
607493.12	4201817.49	57158.15566	14065.08361	13745.30888	0.03114	0.03182	1.10263	1.0183	0.03684	0.03625
607289.45	4201511.95	248797.3621	24801.9952	19993.00598	0.04799	0.04934	0.90007	1.00286	0.05117	0.05028
606776.24	4201532.76	132368.0039	75033.90178	29980.77908	0.01832	0.0182	0.08844	0.09047	0.10916	0.10671
607520.45	4201172.31	286151.1289	21729.77825	20344.21043	0.40796	0.46708	0.58068	0.52516	0.03922	0.03882
607655.79	4201662.74	70597.03202	13060.78894	13653.5154	0.05286	0.0546	0.46878	0.44882	0.03298	0.0325
607290.64	4201984.81	36990.17899	14887.92031	13754.57986	0.01919	0.0194	1.98465	2.63252	0.04269	0.04191
607331.85	4202198.62	23075.02293	10948.34586	11428.95166	0.01499	0.01514	3.27871	2.52069	0.03601	0.0354
607496.96	4201155.79	319091.8915	22718.89891	21079.51954	0.49414	0.57844	0.67074	0.59536	0.03985	0.03946
606777.77	4201572.87	100780.0987	66461.94562	28284.26614	0.01823	0.0181	0.09019	0.09215	0.10895	0.10635
607520.45	4201155.79	289402.4619	21873.60013	20553.58536	0.454	0.5219	0.5566	0.50017	0.03902	0.03864
607675.07	4201495.76	98720.67752	14491.77292	14783.56622	0.08486	0.08874	0.39217	0.37866	0.03384	0.03337
607294.18	4201470.16	385370.0851	25781.3042	20710.99858	0.05506	0.05686	1.14499	1.28723	0.05128	0.05043
607520.45	4201122.75	295216.6269	22132.99246	20982.67899	0.56204	0.65031	0.49929	0.44258	0.03856	0.03821
606781.11	4201450.46	356180.3973	92264.56371	33641.92783	0.01957	0.01953	0.08984	0.09172	0.10565	0.10365
607294.46	4201707.41	88158.12622	20210.31864	16998.04613	0.03046	0.03102	0.81572	0.95251	0.04832	0.04743
607520.45	4201073.19	303210.7202	22441.68158	21649.05655	0.76502	0.88343	0.38852	0.33828	0.0377	0.03741
607331.85	4202148.62	25468.6438	11629.00137	11827.74255	0.01585	0.01601	3.83607	2.80971	0.037	0.03636
607520.45	4201089.71	300530.7282	22350.21492	21424.34453	0.6925	0.80196	0.4284	0.37487	0.03801	0.0377
607482.71	4201528.05	146878.4971	18198.12071	16923.45761	0.06661	0.06957	1.34591	1.25231	0.04094	0.04029
607299.31	4201658.98	107295.895	21114.97823	17629.52013	0.03384	0.03453	0.80858	0.93937	0.0489	0.04801
607473.47	4201205.35	343030.0392	23111.33554	20954.83687	0.35948	0.41811	0.92055	0.82778	0.04135	0.0409
607520.45	4201106.23	297899.0678	22247.19468	21202.10575	0.62457	0.72371	0.46554	0.40986	0.03829	0.03796
607299.31	4201681.26	97880.74704	20629.09121	17308.84571	0.03233	0.03296	0.83042	0.97248	0.04851	0.04762
606781.63	4201550.27	119268.361	70204.3779	29117.54833	0.01852	0.0184	0.09031	0.09236	0.1082	0.10571
607331.85	4202098.62	28636.05746	12474.65134	12367.12349	0.01713	0.01732	4.97868	3.48759	0.03828	0.03762
607631.85	4202498.62	15194.04692	6801.3515	8414.556	0.01247	0.01258	0.22784	0.2224	0.02366	0.02336
607518.78	4201606.08	103341.1367	16146.87077	15565.02106	0.0546	0.05659	1.06714	0.98983	0.0385	0.0379
607303.67	4201638.15	117548.4894	21426.9355	17874.08831	0.03572	0.03648	0.84181	0.97494	0.04897	0.04808
606590.52	4201574.68	38256.87333	104981.6173	31133.97409	0.01124	0.01116	0.05743	0.05862	0.15883	0.1546
607331.85	4202048.62	32119.32161	13279.31691	12842.52415	0.01834	0.01856	6.36332	4.51351	0.03939	0.0387
606784.71	4201619.32	73347.95138	57900.14577	26538.87977	0.01774	0.01762	0.08868	0.0909	0.10738	0.10467
607478.35	4201723.23	75565.8088	15430.36945	14772.00555	0.03777	0.03876	1.45802	1.30447	0.03872	0.03809
607661.39	4201023.63	204024.4923	18364.10321	19186.41066	0.51503	0.55279	0.16628	0.15237	0.033	0.03277
607682.14	4201602.55	77051.10869	13229.79566	13841.66935	0.06253	0.06481	0.41174	0.3961	0.03267	0.0322
606788.27	4201705.57	43465.68383	46062.47755	23503.88587	0.01526	0.01532	0.08129	0.08342	0.10469	0.10182
607517.46	4201473.76	159855.5844	18117.28239	17034.00661	0.08478	0.08937	0.88571	0.84227	0.03984	0.03924
607665.17	4201609.62	78161.2291	13417.51963	13953.03496	0.06096	0.06317	0.44384	0.42607	0.03313	0.03266
607481.85	4202498.62	14581.06582	7181.38998	8766.08908	0.01158	0.01168	0.35797	0.34618	0.02672	0.02634
607331.85	4201998.62	36229.4009	14093.80766	13319.74087	0.01967	0.01992	4.06181	6.61806	0.04046	0.03974
607520.45	4201188.83	282601.6191	21577.34358	20138.48428	0.36667	0.41795	0.60204	0.54779	0.0394	0.03898
606796.31	4201667.36	55276.97458	50124.37495	24832.75102	0.0168	0.0168	0.08589	0.08817	0.10463	0.10185
607305.12	4201612.97	132909.0651	21895.56389	18202.03659	0.03815	0.03904	0.88878	1.01669	0.0492	0.04831
607520.45	4201205.35	278707.2228	21416.84799	19936.62337	0.32976	0.37404	0.62088	0.5682	0.03956	0.03913
607331.85	4201948.62	40981.02767	14852.95966	13755.43354	0.02105	0.02133	2.7548	5.68077	0.04137	0.04064
607094.61	4201741.77	62400.58212	26415.28978	19024.95508	0.01834	0.0185	0.18677	0.19507	0.0625	0.06116
607471.54	4201807.84	59327.12914	14522.73035	14000.94001	0.03098	0.03166	1.34391	1.22185	0.0378	0.03718
606800	4201757.78	33074.73271	38664.84678	21322.82338	0.01253	0.01266	0.07786	0.07992	0.09896	0.09629
607098.04	4201544.48	183287.0983	34299.08427	22907.65258	0.03078	0.0315	0.21762	0.22661	0.06578	0.0645
607510.51	4201563.23	121201.3703	16999.54703	16175.27396	0.06168	0.0642	1.11004	1.03317	0.03941	0.03879
607531.85	4202548.62	13784.84679	6687.37165	8353.7951	0.01123	0.01133	0.27017	0.26359	0.02504	0.02471
607330.96	4202209.32	22702.86421	10856.74117	11395.30684	0.01491	0.01506	3.12303	2.47217	0.03594	0.03533
606800.7	4201451.51	357814.5488	86254.88275	33079.23715	0.02041	0.02034	0.09344	0.09542	0.10243	0.10049
607694.87	4201484.45	96643.33956	14255.83334	14633.6727	0.0877	0.0917	0.35837	0.34654	0.03328	0.03282
607684.88	4201040.15	187704.4996	17713.39613	18575.06421	0.4476	0.47835	0.16666	0.15391	0.03266	0.03241
607535.76	4201644.98	88869.10014	15266.85654	14959.17594	0.04965	0.05131	0.93067	0.86536	0.03734	0.03675
607631.85	4202548.62	14168.74937	6466.41347	8145.14927	0.0118	0.0119	0.20493	0.20085	0.02316	0.02286
606805.3	4201504.85	193557.1879	73253.7493	30338.84366	0.02039	0.02027	0.09626	0.09848	0.10278	0.10061
607675.1	4201657.91	69338.61047	12835.00723	13525.15566	0.05414	0.05592	0.4314	0.41412	0.03244	0.03198
607523.01	4201691.84	78911.02238	14948.2498	14638.82318	0.04313	0.0444	1.00933	0.93066	0.0373	0.03671
606596.82	4201614.57	30878.83966	85997.91474	28772.38336	0.01086	0.01079	0.05609	0.05727	0.15774	0.15331
607661.39	4201040.15	199249.1019	18303.91273	19015.56452	0.48261	0.5191	0.17894	0.1643	0.03324	0.033
607093.27	4201712.28	72115.07395	27550.1729	19603.49212	0.02009	0.02031	0.19293	0.20184	0.06339	0.06203
607496.96	4201221.87	303562.7543	22060.87831	20227.05662	0.30757	0.35055	0.76459	0.69872	0.0406	0.04014
607321.3	4202259.3	20633.51307	10324.31225	11091.55867	0.01406	0.01418	2.77616	2.19171	0.03543	0.03484
607316.49	4201853.9	53262.3658	16729.6814	14869.91777	0.024	0.02434	2.14675	2.95534	0.04403	0.04323
607506.75	4201731.18	71794.7636	14796.04581	14424.15287	0.03837	0.03938	1.11135	1.01767	0.03746	0.03686
607502.35	4201677.74	84519.12945	15523.46288	14987.72108	0.04362	0.04493	1.2158	1.10683	0.03831	0.03769
607496.96	4201205.35	308036.4523	22238.59425	20434.63793	0.34531	0.39653	0.74639	0.67761	0.04044	0.04

606952.5	4201465.5	357242.5507	53199.06021	28266.06458	0.02979	0.02984	0.13756	0.14123	0.08087	0.07934
607499.22	4201472.89	170394.7744	18606.33637	17309.34888	0.08322	0.0877	1.01672	0.96236	0.04063	0.04001
607307.87	4201899.45	46592.54269	16090.37267	14456.24021	0.0221	0.02238	2.16604	2.86429	0.04356	0.04276
607661.39	4201056.67	195436.6171	18237.11428	18844.9354	0.45185	0.48688	0.19147	0.17621	0.03347	0.03321
607540.71	4201675.39	80767.32428	14806.12578	14615.00158	0.04596	0.04739	0.88984	0.82763	0.0368	0.03622
607665.17	4201577.8	84142.02088	13778.02934	14234.25086	0.06681	0.06941	0.43833	0.42143	0.03348	0.033
607507.9	4201522.4	139866.9072	17652.23124	16647.34427	0.07034	0.0736	1.05256	0.99136	0.03989	0.03927
607498.79	4201747.08	69073.85932	14749.95998	14340.10759	0.03657	0.0375	1.16196	1.06117	0.03756	0.03696
606806.99	4201621.74	75664.6308	54976.44506	26115.78092	0.01843	0.01835	0.09211	0.09451	0.10315	0.10058
607498.23	4201770.36	64697.0488	14491.03272	14123.59009	0.03464	0.03547	1.13003	1.03615	0.03727	0.03667
607307.4	4201564.43	171778.0863	22822.65904	18851.10118	0.04326	0.04437	0.99696	1.13519	0.04955	0.04868
607509.64	4201539.77	131317.627	17357.55075	16437.62797	0.06649	0.06941	1.07456	1.0071	0.03966	0.03905
607099.31	4201628.48	116086.1271	30233.05337	20937.88887	0.02621	0.02666	0.2304	0.24153	0.06418	0.06285
606808.1	4201568.11	111942.0589	62445.67135	27890.76166	0.0196	0.01948	0.09624	0.09848	0.10322	0.10081
606957.19	4201638.54	91825.93614	39014.41903	23137.27421	0.02236	0.02273	0.13595	0.1405	0.07956	0.07774
607541.39	4201808.98	56734.22554	13424.44797	13462.34688	0.03357	0.03435	0.80291	0.75331	0.03524	0.03469
606598.88	4201448.01	199360.5718	200277.8695	38440.38227	0.01365	0.01371	0.0651	0.06617	0.14463	0.14187
607081.85	4202148.62	20078.46906	14129.14115	13233.1815	0.01108	0.01115	0.25661	0.27388	0.04999	0.04898
607684.88	4201023.63	192647.4417	17772.8614	18737.6168	0.47667	0.50845	0.15574	0.14356	0.03243	0.0322
607305.12	4201782.47	66872.20525	18312.24593	15829.54196	0.0268	0.02723	1.25305	1.52765	0.0461	0.04525
607496.96	4201188.83	312080.0708	22407.93947	20645.65943	0.38865	0.44945	0.72503	0.65351	0.04027	0.03984
607092.51	4201790.71	52183.12052	24627.26373	18194.181	0.01685	0.01698	0.18996	0.19832	0.06117	0.05987
607531.85	4202498.62	14836.21416	7048.47478	8649.22602	0.01184	0.01194	0.3042	0.29522	0.02563	0.02528
607661.39	4201073.19	192188.1607	18161.87866	18673.36844	0.42275	0.45612	0.20377	0.18799	0.03369	0.03341
606815.75	4201713.62	44155.19267	43224.172	22866.74109	0.01522	0.01534	0.08487	0.08717	0.09914	0.09649
607520.45	4201221.87	274425.3348	21248.76609	19738.00495	0.29694	0.33501	0.63746	0.58651	0.0397	0.03925
607496.96	4201172.31	315746.7823	22568.22591	20860.75617	0.4381	0.50989	0.69995	0.62616	0.04007	0.03966
607543.94	4201073.19	277775.2966	21627.28751	21097.15181	0.67309	0.7646	0.3396	0.29995	0.037	0.03671
606600.26	4201679.16	23514.37277	64074.13533	25847.35739	0.0103	0.01025	0.05543	0.05662	0.15476	0.15004
607581.85	4202498.62	15038.87602	6921.22651	8530.16826	0.01214	0.01224	0.26168	0.25474	0.02461	0.02428
607482.45	4201664.05	90573.29458	16111.86514	15337.68074	0.04407	0.0454	1.49578	1.34074	0.03931	0.03867
607081.85	4202098.62	22469.92418	15253.57965	13865.40632	0.01166	0.01172	0.23538	0.25116	0.0517	0.05064
607481.85	4202448.62	15770.18443	7590.06569	9091.16891	0.01223	0.01234	0.40605	0.39012	0.02739	0.027
606600.47	4201735.01	20954.33111	52314.17189	24178.9504	0.01061	0.01053	0.05803	0.05938	0.15081	0.14592
606818.19	4201452.56	358629.0311	81325.03527	32565.68563	0.02123	0.02115	0.0969	0.09899	0.09966	0.09777
607481.85	4202398.62	17121.79162	8037.54403	9434.65086	0.01296	0.01309	0.46405	0.44251	0.02812	0.02771
607664.96	4201692.67	65558.24097	12741.0586	13432.45175	0.04954	0.05108	0.45433	0.43576	0.03258	0.03211
607661.39	4201089.71	189281.0212	18080.15584	18502.21939	0.39528	0.42686	0.21569	0.19955	0.03388	0.03359
607081.85	4202198.62	18467.27483	13057.00804	12686.94269	0.01088	0.01095	0.31477	0.33806	0.04823	0.04727
606965.8	4201551.48	151093.5014	45023.16951	25414.22047	0.02597	0.02629	0.13496	0.13925	0.08	0.07831
607543.94	4201089.71	275085.7934	21537.23888	20882.95637	0.61434	0.69934	0.37052	0.32873	0.03728	0.03697
607481.85	4202548.62	13520.08606	6805.97986	8453.69761	0.01099	0.01108	0.31586	0.3073	0.02607	0.02572
607099.98	4201657.98	97607.87779	29212.54919	20453.1937	0.02422	0.02463	0.21696	0.22771	0.06378	0.06244
607661.39	4201106.23	186560.5441	17992.6635	18332.30593	0.36942	0.39912	0.22717	0.21079	0.03406	0.03375
607700.53	4201594.06	75920.22167	13036.3663	13723.12068	0.06424	0.06659	0.38076	0.36703	0.03218	0.03172
607469.83	4201761.27	67878.45987	15115.60593	14467.67711	0.03421	0.03503	1.48947	1.33332	0.03854	0.03791
606818.4	4201543.59	138715.728	64545.18635	28574.4548	0.02051	0.0204	0.09873	0.10106	0.10124	0.09897
607090.34	4202416.33	13082.02153	9503.48178	10375.46428	0.00972	0.00977	1.18421	1.64053	0.04098	0.04025
607681.85	4202348.62	19110.8576	7763.97014	9143.73827	0.01551	0.01568	0.26397	0.25567	0.02447	0.02415
607531.85	4202348.62	18965.61142	8356.45273	9661.43999	0.01419	0.01434	0.43667	0.41628	0.02774	0.02734
606601.43	4201696.27	22406.37282	59875.19378	25227.39732	0.01027	0.01022	0.05582	0.05704	0.15333	0.14856
607481.85	4202348.62	18724.05905	8551.4348	9827.47323	0.01383	0.01397	0.53687	0.50762	0.02897	0.02855
606967.25	4201725.68	55033.43092	33070.35776	20739.67528	0.01741	0.01782	0.12065	0.12455	0.07625	0.07445
607531.85	4202448.62	15982.62722	7430.12209	8943.20362	0.01248	0.01259	0.34038	0.32854	0.02622	0.02586
608186.19	4200741.15	110766.152	10292.55982	13207.6026	0.2604	0.26385	0.03479	0.03351	0.02094	0.02086
607543.94	4201106.23	272464.8581	21436.5732	20670.8446	0.55925	0.63694	0.39954	0.35637	0.03754	0.03722
607008.48	4201525.94	191926.3454	42648.11828	25233.71519	0.02895	0.02946	0.15601	0.1612	0.07507	0.07357
607081.85	4202248.62	17181.24001	12039.96531	12084.37317	0.01085	0.01091	0.41559	0.45098	0.04645	0.04554
606820.45	4201672.06	56664.02832	47450.79084	24358.70971	0.01715	0.01722	0.08953	0.09198	0.10004	0.09739
607636.96	4201667.56	71724.76199	13281.95048	13772.82046	0.05147	0.05315	0.5105	0.48735	0.0335	0.03301
607463.02	4201659.05	94513.42744	16610.8939	15608.27688	0.04354	0.04483	1.89894	1.66353	0.04023	0.03957
607708.37	4201023.63	182321.3798	17210.52246	18307.11376	0.44363	0.47059	0.14633	0.1356	0.03187	0.03164
607543.94	4201122.75	269809.1188	21325.86733	20461.32099	0.50827	0.57831	0.42625	0.3824	0.03779	0.03744
607543.94	4201172.31	260931.741	20939.59972	19850.20379	0.38057	0.42965	0.49259	0.44952	0.0384	0.03801
606822.76	4201767.46	33472.03817	36410.67437	20826.32317	0.01251	0.01257	0.08146	0.0837	0.09432	0.09183
608199.93	4200748.75	99617.925	10166.41283	13048.07749	0.24773	0.25103	0.03533	0.03407	0.02087	0.02079
607081.85	4202298.62	15646.70988	11213.77371	11554.78826	0.01042	0.01048	0.52744	0.58547	0.04489	0.04403
607103.71	4202402.3	13508.96272	9646.24258	10493.86476	0.00988	0.00994	1.29551	1.78217	0.04085	0.04012
607012.32	4201474.6	329213.1673	45174.49367	26453.41698	0.03295	0.03341	0.16568	0.1708	0.07412	0.07273
607581.85	4202448.62	16191.34326	7292.29803	8818.11662	0.01284	0.01295	0.29135	0.2823	0.02517	0.02484
607546.5	4201792.51	58922.1873	13511.0169	13564.09562	0.03502	0.03586	0.79256	0.74321	0.03527	0.03472
607016.85	4201734.4	56432.87677	30141.18159	19909.35037	0.01679	0.0172	0.13781	0.14271	0.0703	0.06871
607638.19	4201499.38	106730.5393	15132.57588	15197.39674	0.08359	0.08755	0.46192	0.44486	0.03506	0.03456
607531.85	4202398.62	17370.00332	7870.15174	9288.24223	0.01329	0.01341	0.38549	0.36979	0.02694	0.02656
608186.19	4200748.75	109335.7559	10295.29699	13187.72766	0.25719	0.26065	0.0355	0.03421	0.02102	0.02094
607581.85	4202548.62	13998.13828	6573.05118	8248.35332	0.0115	0.0116	0.23392	0.22878	0.02406	0.02375
607637.9	4201106.23	199782.1654	18609.41756	18761.84796	0.3958	0.43097	0.24951	0.23017	0.03472	0.03441
607681.85	4202398.62	17651.92189	7378.00636	8839.12508	0.01448	0.01463	0.24119	0.23434	0.02384	0.02353
606823.52	4201500.3	208029.5003	70261.30198	30097.86887	0.02134	0.02122	0.10016	0.10247	0.09957	0.0975
607684.88	4201073.19	180435.7154	17572.84915	18247.41936	0.3941	0.42233	0.18803	0.17445	0.03307	0.03279
607708.37	4201040.15	177255.7242	17150.59387	18151.30477	0.4174	0.4435	0.15583	0.14468	0.03209	0.03184
606969.26	4201597.65	115714.9235	41062.50378	24014.11066	0.02426	0.02465	0.13912	0.14379	0.07891	0.07718
608199.93	4200741.15	100458.7215	10164.68701	13067.92661	0.25074	0.25403	0.03464	0.0334	0.0208	0.02072
606602.4	4201753.42	20930.15877	48795.87648	23824.10081	0.01097	0.01088	0.06001	0.06146	0.14848	0.14361
607081.85	4202748.62	7841.93055	6224.77649	7664.84944	0.00737	0.00739	0.48014	0.67828	0.03116	0.0307
607081.85	4202348.62	14204.0448	10500.77713	11069.60453	0.00983	0.00989	0.66595	0.77575	0.04343	0.04262

607581.63	4201694.49	72532.09905	13878.58578	14048.77148	0.04571	0.0471	0.67825	0.6397	0.03508	0.03454
607081.85	4202698.62	8364.6648	6576.13663	7968.42964	0.00764	0.00767	1.59569	2.82675	0.03256	0.03206
607751.45	4201596.89	69055.64523	12290.79326	13213.2842	0.06395	0.06618	0.31556	0.30536	0.03067	0.03025
608186.19	4200756.35	107615.1341	10297.13766	13167.79376	0.254	0.25746	0.03623	0.03491	0.02109	0.02101
607018.28	4201564.42	144605.2835	39384.88582	24023.24543	0.02662	0.0272	0.1551	0.16075	0.07379	0.07226
607022.22	4201611.73	116678.2455	35932.35253	22660.04011	0.02514	0.02567	0.1689	0.17517	0.07237	0.07081
606827.42	4201586.84	100264.7873	57121.12385	26908.08073	0.01998	0.01991	0.099	0.10153	0.09982	0.09746
607581.85	4202398.62	17536.03244	7702.99419	9136.15288	0.01366	0.01378	0.32522	0.31357	0.02583	0.02547
607681.85	4202548.62	14290.05317	6364.96921	8043.38535	0.01211	0.01222	0.18128	0.17798	0.02231	0.02203
607553.31	4201751.62	64947.76045	13797.9964	13845.9221	0.0387	0.03972	0.785	0.73526	0.03551	0.03496
607006.13	4201605.69	116857.0838	37562.76432	23132.04837	0.02481	0.0253	0.15648	0.1622	0.07438	0.07277
607431.85	4202548.62	13209.03611	6927.96433	8544.88879	0.01076	0.01085	0.37419	0.36274	0.02716	0.02678
607431.85	4202498.62	14275.04081	7318.64186	8876.11339	0.01134	0.01144	0.42627	0.41061	0.02787	0.02747
607106.06	4201502.23	264146.2329	35390.93529	23623.15879	0.03484	0.03575	0.23715	0.24695	0.06503	0.06381
607438.52	4201654.18	99278.10439	17264.80754	15951.9466	0.04269	0.04395	2.82622	2.3533	0.04144	0.04075
607431.85	4202398.62	16833.39536	8217.99854	9588.38606	0.01269	0.01282	0.57163	0.54161	0.02941	0.02897
606829.21	4201623.71	77833.30559	52301.39822	25708.58017	0.01905	0.01903	0.09568	0.09827	0.09924	0.0968
607431.85	4202448.62	15488.8622	7752.31663	9230.16153	0.012	0.01211	0.49071	0.46926	0.02863	0.02821
607441.02	4201532.39	161825.0003	19243.9763	17442.35579	0.06136	0.06389	2.32098	2.06671	0.04281	0.04212
607019.38	4201778.6	47559.18166	27840.16781	18963.8138	0.01516	0.01542	0.13973	0.1447	0.06838	0.06685
607708.37	4201056.67	173226.8614	17084.46888	17994.72307	0.3926	0.41773	0.16521	0.15371	0.03228	0.03202
606970	4201519.99	199162.3369	46918.98099	26217.1469	0.02805	0.02834	0.14103	0.14512	0.07947	0.07786
607081.85	4202398.62	13142.58445	9799.02292	10577.55425	0.00964	0.00969	0.87182	1.09768	0.04194	0.04118
607754.26	4201674.32	59785.28649	11702.1494	12784.42141	0.05333	0.05497	0.32126	0.311	0.03014	0.02973
607583.98	4201765.25	61147.32254	13254.11741	13536.43259	0.03892	0.03994	0.65778	0.62226	0.03441	0.03388
607681.85	4202448.62	16409.50589	7024.21709	8566.27377	0.01361	0.01374	0.22033	0.21481	0.02329	0.02299
607581.85	4202348.62	19103.68233	8157.29281	9486.80852	0.01461	0.01475	0.36314	0.34846	0.02657	0.0262
607437.11	4201475.93	212451.2892	20340.00194	18216.89014	0.0744	0.07807	1.95903	1.79581	0.04345	0.04277
606973.28	4201692.84	68711.2976	34582.26636	21656.59442	0.01986	0.02027	0.13269	0.13725	0.07654	0.07473
607024.22	4201530.14	187707.2126	40939.21116	24787.89158	0.02915	0.02975	0.16334	0.16907	0.07334	0.07188
607006.8	4201642.56	95176.45633	35315.63772	22243.26709	0.02304	0.0235	0.15618	0.16208	0.07357	0.07194
607577.16	4201791.94	57666.49131	13102.36866	13368.59213	0.03636	0.03726	0.66812	0.63306	0.03431	0.03379
608199.93	4200733.55	100931.963	10161.64036	13087.42709	0.25375	0.25703	0.03394	0.03273	0.02072	0.02065
607553.44	4201659.83	82852.30247	14752.16314	14632.61756	0.04862	0.0502	0.8176	0.76473	0.03649	0.03592
606836.03	4201452.56	365167.5423	76912.24399	32091.29997	0.02215	0.02204	0.1006	0.10286	0.0969	0.09506
607441.46	4201563.66	141266.7143	18704.32529	17049.40441	0.05553	0.05762	2.63662	2.29783	0.04248	0.04179
607109.45	4201582.54	146517.9847	31810.66046	21823.38199	0.02889	0.02946	0.22887	0.23941	0.06424	0.06295
607584.55	4201620.93	87675.15661	14644.55322	14677.22018	0.05599	0.05801	0.6709	0.63503	0.03576	0.03522
607708.4	4201680.6	63163.52146	12243.96742	13138.35892	0.05203	0.05367	0.37998	0.36634	0.03138	0.03094
606974.19	4201467.6	351995.7256	50154.70317	27634.71767	0.03111	0.03128	0.14665	0.15078	0.07833	0.07686
607681.85	4202498.62	15296.75853	6686.45725	8301.94425	0.01282	0.01294	0.20037	0.19603	0.02278	0.0225
607381.85	4202448.62	15164.38514	7923.33015	9366.01915	0.01177	0.01187	0.60384	0.57435	0.02996	0.02952
607637.9	4201089.71	202477.9929	18699.4678	18939.1568	0.42503	0.46259	0.2361	0.2171	0.03453	0.03423
607027.66	4202519.84	10379.11636	8270.39061	9359.41303	0.00854	0.00858	1.11494	1.37262	0.03972	0.03902
607081.85	4202448.62	12405.03505	9079.96224	10051.4465	0.00959	0.00963	1.52715	2.43834	0.04025	0.03954
607024.23	4201700.21	70434.29851	31376.87015	20785.38622	0.01968	0.02015	0.15255	0.15841	0.07055	0.06896
607040.61	4202600.65	9236.25423	7416.67062	8663.95735	0.008	0.00804	1.57615	2.16727	0.03655	0.03594
607081.85	4202648.62	8951.95134	6959.1509	8296.30369	0.00794	0.00797	4.11622	4.08095	0.03396	0.03342
607444.85	4201714.71	80028.7946	16230.69763	15196.33105	0.03698	0.03793	2.22327	1.89797	0.0403	0.03962
606838.55	4201678.09	56885.91978	45287.20152	23889.48278	0.01726	0.01738	0.09249	0.09507	0.09666	0.09415
607558.28	4201479.41	138610.9749	17049.27178	16404.93888	0.08617	0.09072	0.68349	0.65433	0.03815	0.03758
606981.54	4201556.73	147905.7408	43101.44053	24946.95992	0.02619	0.0266	0.14063	0.14526	0.07805	0.07641
607588.25	4201535.86	109732.0718	15692.21271	15495.53744	0.0728	0.07608	0.62055	0.59248	0.03658	0.03604
608199.93	4200756.35	98555.34434	10167.60016	13028.50168	0.24473	0.24804	0.03604	0.03476	0.02095	0.02086
607081.85	4202598.62	9612.9013	7377.62414	8649.46015	0.00826	0.00829	3.58967	4.08429	0.03537	0.03479
607574.23	4201809.28	55416.00565	12977.36782	13243.09319	0.03488	0.03571	0.66869	0.63408	0.03419	0.03367
607088.6	4201577.72	144931.1335	33415.76075	22339.29397	0.0281	0.0287	0.20483	0.21384	0.06633	0.06499
607715.16	4201646.81	66713.71032	12385.3694	13253.24981	0.0565	0.05837	0.36694	0.35388	0.03137	0.03093
607431.85	4202348.62	18436.01888	8765.04542	10007.26026	0.01353	0.01368	0.68298	0.63872	0.03034	0.02988
607684.88	4201056.67	183757.322	17645.77696	18410.82404	0.4201	0.44965	0.17745	0.16424	0.03287	0.03261
608193.06	4200870.35	80702.00506	10154.62802	12775.7131	0.20483	0.20817	0.04757	0.046	0.02197	0.02184
606983.34	4201639.21	94364.92778	37095.82324	22699.42175	0.0228	0.02322	0.14597	0.15117	0.07635	0.07464
607000.43	4201559.18	147274.3352	41242.05036	24512.06612	0.0265	0.027	0.14717	0.15228	0.07585	0.07427
607081.85	4202548.62	10402.67705	7856.56948	9054.81032	0.00866	0.0087	2.38887	5.19998	0.03687	0.03625
607109.71	4201481.99	321953.617	36017.95563	24031.71268	0.03677	0.03778	0.24319	0.25318	0.06471	0.06353
607445.41	4201806.14	60372.27897	14999.13679	14236.25054	0.03021	0.03086	1.77088	1.57079	0.03888	0.03824
606999.43	4201694.18	70640.07795	33009.17011	21257.24953	0.01996	0.02044	0.14285	0.14806	0.07343	0.07174
607590.92	4201089.71	234082.7866	20042.19386	19870.08284	0.50174	0.55652	0.28963	0.26237	0.03587	0.03557
607450.52	4201749.92	71243.09792	15635.70801	14765.44367	0.03432	0.03514	1.90401	1.65828	0.03953	0.03887
607040.32	4201615.75	118417.6735	34354.81668	22197.25369	0.02541	0.02597	0.18359	0.19094	0.07022	0.06872
607081.85	4202498.62	11323.48921	8402.20288	9508.13327	0.00911	0.00915	3.63524	2.9109	0.03845	0.03778
607026.25	4202541.14	10004.48712	8034.09101	9166.97242	0.00835	0.00839	1.18461	1.42918	0.03902	0.03834
606839.22	4201718.98	45227.09681	41111.54246	22426.41475	0.01533	0.01546	0.08889	0.09137	0.0948	0.0923
607029.94	4202561.66	9707.94317	7809.38407	8983.86187	0.00821	0.00825	1.31202	1.62804	0.03818	0.03752
607567.43	4201122.75	247889.9652	20563.61353	19962.30909	0.46389	0.52056	0.37041	0.33561	0.03704	0.0367
606995.17	4201774.24	46266.76134	29022.8452	19251.00947	0.01507	0.01545	0.12866	0.133	0.07106	0.06944
607579.99	4201477.67	130925.7831	16579.47971	16126.95159	0.08792	0.09254	0.60168	0.57752	0.03732	0.03677
607563.06	4201541.51	114637.7161	16142.39707	15751.19408	0.07007	0.0732	0.72709	0.69079	0.03749	0.03693
607042.07	4201533.29	186418.6481	39192.69712	24327.52552	0.02953	0.0302	0.17372	0.18005	0.07142	0.07001
607027.58	4201648.59	94026.37663	33693.33239	21783.95201	0.02304	0.0235	0.16542	0.17204	0.07118	0.06962
606986.02	4201605.69	113107.2777	39113.70576	23494.70618	0.02433	0.02478	0.14672	0.15184	0.07673	0.07505
607455.14	4201620.93	109471.1686	17360.45781	16133.03518	0.04783	0.04938	2.18495	1.90731	0.04107	0.0404
607455.35	4201475.06	198290.4248	19804.23666	17944.71258	0.07718	0.0811	1.55344	1.44277	0.04259	0.04193
607590.92	4201023.63	247788.7426	20332.20264	20655.07771	0.68027	0.74702	0.20654	0.18506	0.03479	0.03455
607381.85	4202398.62	16588.32131	8456.31914	9796.93735	0.01253	0.01265	0.73858	0.69343	0.03094	0.03046
607715.38	4201481.62	92840.77272	13929.24808	14412.42135	0.08816	0.09211	0.33082	0.32029	0.03264	0.0322

607461	4201530.65	154337.7065	18726.38315	17188.73608	0.06382	0.06655	1.7342	1.58702	0.04189	0.04123
607691.99	4201650.19	68663.0138	12666.25109	13429.26199	0.0556	0.05745	0.4018	0.38653	0.032	0.03155
606840.61	4201535.61	154298.5081	62092.4323	28407.77333	0.02169	0.02159	0.10369	0.10628	0.09744	0.0953
607459.04	4201719.25	77886.26789	15870.56313	15003.70723	0.03723	0.03819	1.82292	1.59413	0.0396	0.03895
607111.31	4201455.71	459162.1091	37196.34847	24709.83384	0.03953	0.04068	0.24876	0.2588	0.06463	0.06349
606989.24	4201523.49	195121.3581	44687.61345	25711.63348	0.02847	0.02888	0.14777	0.15247	0.07724	0.07568
606994.73	4201727.69	56574.62412	31556.6294	20344.68383	0.01722	0.0177	0.12976	0.13418	0.07297	0.07129
607028.76	4201479.84	313968.1951	43155.79214	25912.33368	0.03345	0.03405	0.17529	0.18093	0.07244	0.07108
607114.05	4201708.25	75716.32841	26772.36276	19383.46045	0.02107	0.02131	0.21369	0.22438	0.06155	0.06026
607567.43	4201106.23	250536.2193	20670.76348	20162.75963	0.50643	0.56867	0.34878	0.31443	0.03681	0.03649
607590.92	4201040.15	243405.3371	20274.49681	20458.09705	0.63248	0.69706	0.22768	0.20435	0.03508	0.03483
607417.02	4201708.46	83633.48798	16944.1121	15562.34367	0.03628	0.03719	3.77283	2.94457	0.04168	0.04097
608199.93	4200763.95	97335.39379	10168.16804	13009.08419	0.24174	0.24505	0.03676	0.03545	0.02102	0.02093
607331.85	4202398.62	16166.92926	8640.15676	9924.94248	0.0122	0.0123	0.96449	0.89807	0.03239	0.03188
607424.97	4201746.51	73235.67255	16204.8697	15049.62403	0.03356	0.03435	2.8234	2.32863	0.04072	0.04003
607425.67	4201675.37	93342.38919	17257.04663	15859.09899	0.03977	0.04086	3.50822	2.78568	0.04177	0.04107
607034.05	4202579.72	9474.70346	7623.12434	8832.25173	0.00811	0.00814	1.41626	1.83886	0.03744	0.0368
607423.16	4200737.35	339953.5867	22861.06264	29458.54846	2.92747	2.23907	0.0341	0.03244	0.02905	0.02918
607571.31	4201602.75	94498.94238	15121.29146	15000.37198	0.0584	0.06061	0.72424	0.68474	0.03646	0.03591
606848.02	4201501.43	213053.555	65468.20188	29484.36125	0.02261	0.02249	0.10582	0.10834	0.09567	0.09369
606994.48	4201473.2	329037.3886	47202.61995	26916.67871	0.03202	0.03234	0.15625	0.16081	0.07602	0.07459
607044.32	4202654.11	8600.93649	6954.13502	8283.32748	0.0077	0.00774	1.17884	1.65085	0.03481	0.03425
607116.06	4201742.44	65018.8575	25503.69411	18781.42644	0.01939	0.01957	0.21023	0.2205	0.06058	0.0593
607415.83	4201531.52	173971.3878	19986.65535	17807.69928	0.05885	0.06118	3.87238	3.19242	0.04405	0.04333
607716.09	4201541.02	82343.1548	13339.44422	13973.43144	0.07448	0.07745	0.34788	0.33641	0.03218	0.03174
607426.11	4201803.3	61319.16817	15382.02314	14426.10832	0.02974	0.03037	2.29462	1.97714	0.03974	0.03907
607114.38	4201550.44	178901.4368	32917.59946	22449.11276	0.03112	0.0318	0.23421	0.24453	0.06421	0.06296
607427.56	4201582.75	133909.8072	18738.45549	16980.25418	0.05127	0.05305	3.76845	3.08289	0.04292	0.04221
607081.85	4202048.62	25911.96877	16422.90443	14504.51533	0.01268	0.01276	0.23911	0.25636	0.05329	0.05219
607590.92	4201056.67	239880.3644	20206.66866	20261.37319	0.5867	0.6485	0.24883	0.22388	0.03536	0.0351
607128.43	4202382.25	14130.81879	9812.0152	10641.85935	0.01022	0.01028	1.73611	2.48733	0.04037	0.03965
607037.52	4201565.47	145535.5494	37802.31478	23630.0455	0.02687	0.02753	0.16412	0.17039	0.07171	0.07024
607567.43	4201089.71	253168.8796	20768.84526	20365.27698	0.55221	0.6198	0.32552	0.2921	0.03657	0.03626
607116.4	4202391.6	13889.51125	9738.55701	10575.08654	0.01005	0.01011	1.48639	2.09629	0.04062	0.0399
606848.84	4201591.3	100460.167	53938.76969	26395.71347	0.02064	0.02062	0.10272	0.10548	0.09623	0.09397
607130.44	4202366.21	14509.5837	10019.91152	10792.34785	0.01033	0.01038	1.49925	2.00942	0.04072	0.03999
607044.34	4201706.91	69472.20876	30062.22505	20376.39771	0.01935	0.01973	0.16075	0.16718	0.06828	0.06676
607684.88	4201089.71	177482.0321	17493.7834	18083.96519	0.36956	0.39637	0.19833	0.18447	0.03325	0.03296
607720.33	4201594.77	73178.39965	12739.56635	13522.65597	0.06426	0.06657	0.35278	0.34061	0.03157	0.03113
608193.06	4200862.75	81837.52549	10164.74382	12799.06652	0.20763	0.21098	0.04678	0.04522	0.02192	0.02179
607044.34	4201729.71	60054.38954	29102.80955	19708.35675	0.01726	0.01755	0.15117	0.15692	0.06764	0.06613
607748.62	4201581.33	71457.38149	12461.22412	13338.07947	0.06653	0.06892	0.31648	0.30627	0.03086	0.03044
607081.85	4201948.62	35272.85577	18996.41524	15708.45732	0.01559	0.01571	0.2593	0.27479	0.0563	0.05509
607430.39	4201618.1	115069.5293	18038.08578	16479.93141	0.04652	0.048	3.54545	2.90402	0.0423	0.0416
607410.62	4201477.67	235693.0153	21151.24711	18613.05131	0.07015	0.07343	3.07512	2.726	0.04474	0.04403
607039.63	4202508.96	10701.69136	8379.2563	9456.11046	0.00872	0.00876	1.28314	1.68238	0.03968	0.03898
606859.41	4201535.04	159191.4853	59301.59331	28041.14538	0.02261	0.02254	0.10807	0.11089	0.09446	0.09241
607181.85	4202348.62	15576.39522	10025.27298	10850.38127	0.01082	0.01088	4.09801	3.36263	0.03904	0.03836
607181.85	4202498.62	12245.04524	8077.05121	9329.52011	0.00974	0.00979	1.69994	1.47816	0.03485	0.03428
607381.85	4202348.62	18113.54383	9025.45361	10222.48874	0.01321	0.01334	0.91408	0.84017	0.0319	0.03141
607118.75	4201626.47	118793.9464	29293.01117	20671.54855	0.02697	0.02741	0.24968	0.2625	0.06248	0.06121
607462.74	4201564.09	134557.633	18142.16324	16768.31572	0.05739	0.05961	1.88848	1.69476	0.04149	0.04082
606849.73	4201627.88	78463.5585	49706.19407	25258.78555	0.01946	0.01951	0.09904	0.10181	0.09583	0.0935
607114.79	4201795.07	54813.61806	23627.08671	17903.89732	0.01821	0.01838	0.22378	0.2349	0.05907	0.05783
607081.85	4201998.62	29880.98666	17714.08423	15134.68762	0.01383	0.01392	0.24452	0.26162	0.05488	0.05372
607590.92	4201122.75	228784.7834	19841.9833	19483.85197	0.42678	0.47335	0.32651	0.29829	0.03631	0.03597
607131.85	4201948.62	36373.72048	18259.43983	15423.22921	0.01603	0.01617	0.30932	0.33101	0.05294	0.05186
607182.57	4202306.06	16790.97061	10594.29454	11242.98645	0.01121	0.01127	1.81577	2.32791	0.04005	0.03934
607590.92	4201073.19	236848.9924	20129.15785	20065.24471	0.54305	0.60156	0.26959	0.24332	0.03563	0.03534
607567.43	4201073.19	255892.8069	20857.43088	20569.73346	0.60098	0.67345	0.3009	0.26892	0.0363	0.03602
607044.57	4201783.93	48564.11479	26640.73805	18635.47364	0.01535	0.0155	0.15256	0.1583	0.06572	0.06427
607405.41	4201505.03	206429.7185	20799.3927	18317.06863	0.06304	0.0657	4.17406	3.49824	0.0448	0.04408
607078.8	4201540.99	183958.4487	35869.51328	23381.15748	0.03021	0.03094	0.19951	0.20759	0.06767	0.06634
607053.24	4201471.1	356956.404	41376.90468	25612.64482	0.03528	0.03607	0.19217	0.19873	0.06998	0.0687
607131.69	4202533.61	11115.09458	7883.28344	9117.86877	0.00909	0.00913	3.00831	2.43831	0.03563	0.03504
606854.57	4201452.21	375235.5152	72700.10239	31602.59452	0.02321	0.02309	0.10489	0.10726	0.0941	0.09233
607571.44	4201713.55	70062.09998	13864.10676	13991.26805	0.04318	0.04443	0.71677	0.67428	0.03525	0.03471
608199.93	4200771.55	95994.1309	10167.65094	12989.31537	0.23875	0.24207	0.03748	0.03615	0.02109	0.021
607183.52	4201578.02	159817.8282	27814.76319	20592.35466	0.03297	0.0336	0.33905	0.35945	0.05796	0.05686
607331.85	4202348.62	17655.34966	9209.98371	10347.15902	0.01286	0.01297	1.29052	1.16626	0.03338	0.03284
607079.65	4202427.69	12754.61942	9384.75898	10277.16172	0.0096	0.00964	1.11107	1.55236	0.04107	0.04033
607047.25	4202491.54	11113.85331	8576.3468	9620.86109	0.00894	0.00898	1.29143	1.75739	0.04002	0.0393
607597.59	4201692.32	71415.71152	13645.22895	13924.66944	0.04671	0.04814	0.62107	0.58815	0.03455	0.03403
607563.93	4201561.49	108123.6004	15861.50627	15544.28077	0.06587	0.06866	0.73819	0.69986	0.03727	0.03671
607125.91	4201581.72	149774.0841	30845.46385	21538.59819	0.02974	0.03032	0.24821	0.26041	0.06275	0.06151
607181.85	4201998.62	32338.60532	16307.85197	14495.80918	0.0154	0.01554	0.39793	0.43835	0.04844	0.04749
607052.12	4202692.69	8224.34949	6644.85564	8024.78635	0.00753	0.00756	0.80743	1.1978	0.03345	0.03293
607076.51	4201655.3	95654.16982	30566.42021	20875.00325	0.02366	0.02411	0.19624	0.20527	0.06606	0.06465
607245.3	4201518.25	239063.7956	26564.47473	20611.46654	0.04267	0.04374	0.5503	0.59375	0.05396	0.053
607181.85	4202148.62	23352.2982	13072.93327	12769.27793	0.01352	0.01363	0.52255	0.58209	0.04413	0.04329
607402.82	4201762.98	70138.17905	16415.66844	15071.38464	0.03151	0.03221	4.22638	3.23134	0.04145	0.04073
606852.3	4201771.34	35154.42422	34674.89977	20460.62335	0.01303	0.013	0.0869	0.08937	0.08934	0.08704
607181.85	4202298.62	17071.07161	10688.41571	11306.55527	0.01134	0.01141	1.62073	2.00309	0.04025	0.03953
607684.88	4201106.23	174737.6704	17408.93926	17921.10094	0.34646	0.37177	0.20827	0.19423	0.03342	0.03311
607590.92	4201106.23	231430.1264	19946.54512	19676.35401	0.46294	0.5137	0.30867	0.28076	0.0361	0.03578
607078.53	4201622.45	117809.0645	31616.42277	21380.0178	0.02591	0.02641	0.21295	0.22243	0.0662	0.06481

607402.25	4201797.62	62841.53087	15910.51225	14692.20116	0.02929	0.0299	3.58586	2.88625	0.04088	0.04018
607566.53	4201581.9	101400.0905	15513.05038	15287.28108	0.06207	0.06455	0.73937	0.69984	0.03692	0.03636
607754.74	4201641.98	63319.19836	11913.54418	12941.14099	0.0575	0.05936	0.31764	0.3074	0.03031	0.02989
607121.43	4201658.65	99806.65278	28088.17579	20095.34284	0.02509	0.02547	0.24264	0.25575	0.0618	0.06053
607731.85	4202348.62	19010.92609	7573.53343	8983.89604	0.01595	0.01614	0.2295	0.22304	0.02354	0.02323
607598.67	4201478.97	123975.593	16158.21146	15867.11373	0.08831	0.09287	0.54574	0.52473	0.03661	0.03608
607242.15	4201499.33	279895.8861	27263.68999	21021.82785	0.0446	0.04576	0.55208	0.59422	0.05431	0.05336
607181.85	4202448.62	13402.23998	8638.7052	9801.5945	0.01033	0.01038	2.52134	2.07901	0.03619	0.03558
607071.8	4201574.57	143953.3339	34741.62348	22739.71299	0.02755	0.02818	0.18881	0.19677	0.06804	0.06666
607600.11	4201587.7	93240.53655	14786.69452	14844.05867	0.06272	0.06518	0.60704	0.57822	0.03559	0.03506
607181.85	4202398.62	14671.90475	9322.68246	10344.31578	0.01082	0.01087	5.80094	4.32921	0.03769	0.03705
606861.34	4201681.44	58680.85995	43143.85009	23492.36351	0.01763	0.01778	0.09735	0.10014	0.09274	0.09035
607256.2	4201735.98	78625.71383	20706.26824	17050.02578	0.02701	0.02744	0.57375	0.6388	0.0501	0.04915
607050.37	4201654.63	93106.24322	32062.64562	21302.94256	0.02306	0.0235	0.17724	0.18477	0.06868	0.06719
607400.85	4201861.3	52245.76211	15061.70522	14072.15879	0.02599	0.02647	2.93845	2.46245	0.0399	0.03922
607181.85	4202098.62	25437.90878	14128.90122	13358.65389	0.01367	0.01378	0.42363	0.47221	0.04562	0.04475
607181.85	4201948.62	37086.00905	17486.61981	15088.30375	0.01668	0.01684	0.38495	0.41602	0.04981	0.04883
608193.06	4200847.55	84266.20046	10183.12196	12845.0281	0.21331	0.21669	0.04521	0.04368	0.02181	0.02169
607073.16	4201742.44	59541.61891	27291.14823	19153.10517	0.01738	0.01754	0.16829	0.17519	0.06444	0.06304
607181.85	4202248.62	19271.12416	11259.76007	11664.04443	0.01252	0.0126	0.90826	1.06719	0.0412	0.04044
607689.92	4201541.02	86836.43171	13774.35193	14271.7297	0.07446	0.0775	0.38444	0.37112	0.03303	0.03256
607381.85	4202148.62	25904.02455	11244.76983	11572.09843	0.0164	0.01659	1.68625	1.45184	0.03514	0.03455
607181.85	4202548.62	11276.08798	7600.28619	8921.76911	0.00926	0.0093	1.43943	1.2917	0.03364	0.0331
607381.85	4202548.62	12868.33768	7055.84585	8630.65975	0.01052	0.0106	0.45108	0.43505	0.02831	0.0279
607237.02	4201569.37	168917.6265	25478.19159	19822.40463	0.03692	0.03773	0.48594	0.5226	0.05401	0.05301
607067.8	4201707.58	71600.24498	28892.80516	20037.02578	0.01977	0.02006	0.17576	0.1833	0.06592	0.06446
607048.02	4202674.63	8394.56091	6787.43108	8144.68863	0.00761	0.00764	0.99094	1.42595	0.03409	0.03356
607564.36	4201522.4	120632.1094	16356.69757	15913.87511	0.07468	0.07819	0.70263	0.66988	0.0376	0.03703
607181.85	4202048.62	28463.74293	15194.16586	13923.95941	0.0144	0.01452	0.40389	0.45107	0.04706	0.04615
607331.85	4202298.62	19303.45263	9798.60207	10751.92963	0.01355	0.01368	1.80366	1.53996	0.03434	0.03378
607284.07	4201963.88	38940.34024	15365.58327	14017.70739	0.0196	0.01982	1.52426	1.89251	0.04348	0.04268
607737.3	4201483.03	88278.01911	13548.34515	14146.2505	0.08741	0.09119	0.3065	0.29707	0.03195	0.03152
606867.39	4201504.28	212764.5174	61771.74331	28929.8236	0.02362	0.02351	0.11068	0.1134	0.09278	0.09086
607070.72	4201786.83	50014.88756	25574.69047	18346.1944	0.01579	0.0159	0.16803	0.1748	0.0632	0.06184
607259.99	4202104.79	27418.96007	13108.01836	12772.46776	0.01586	0.016	1.29013	1.85171	0.04139	0.04063
607185.11	4201741.77	73516.51185	22842.51131	17842.15917	0.02342	0.02376	0.33717	0.36068	0.05487	0.05377
606876.03	4201770.85	37023.04052	33786.52642	20272.90341	0.01367	0.01364	0.09188	0.09454	0.08585	0.08369
607181.85	4202198.62	21237.38139	12021.73692	12121.41773	0.01314	0.01324	0.71716	0.83245	0.04243	0.04163
608193.06	4200832.35	86934.82857	10198.97522	12889.58465	0.2191	0.22249	0.04365	0.04215	0.02169	0.02158
607235.06	4201458.34	453396.5456	28906.87772	21991.30211	0.04947	0.05086	0.56098	0.6018	0.05504	0.05411
607381.85	4202498.62	13928.77592	7460.97644	8978.7384	0.01109	0.01118	0.51462	0.49327	0.02909	0.02867
607058.69	4202713.61	8047.35602	6484.99433	7889.2247	0.00745	0.00748	0.61933	0.92444	0.03267	0.03217
607177.06	4201627.81	121654.9111	26434.71052	19744.41145	0.02936	0.02985	0.33132	0.35227	0.05764	0.0565
607687.16	4201688.32	64122.78869	12475.62076	13277.61049	0.05062	0.0522	0.41342	0.39764	0.03196	0.0315
607369.05	4201993.63	37086.63484	13733.88729	13139.6525	0.02051	0.02081	3.27579	2.76598	0.03902	0.03834
607061.31	4201537.14	184351.1182	37411.35571	23832.32234	0.02988	0.03059	0.18621	0.19337	0.06943	0.06806
606866.7	4201722.33	47004.87163	39061.86864	22006.91273	0.01571	0.01579	0.09424	0.09694	0.09019	0.08788
606875.9	4201452.56	388461.1957	67996.1723	30970.93362	0.02472	0.02459	0.11081	0.11344	0.09096	0.08926
608199.93	4200779.15	94572.90347	10165.93868	12968.98376	0.23578	0.2391	0.03821	0.03685	0.02116	0.02107
607190.12	4201515.89	241816.4283	29430.41261	21633.76434	0.03843	0.03927	0.36646	0.38749	0.05793	0.05688
607260.56	4201780.54	66909.32054	19510.63466	16349.17567	0.02519	0.02555	0.68059	0.76269	0.04879	0.04786
607232.69	4201479.62	340341.9394	28329.16083	21578.96573	0.04614	0.04736	0.52489	0.56197	0.05507	0.05412
607350.64	4201670.12	100990.08	19347.31897	16837.90317	0.03619	0.03705	1.95492	2.78523	0.04577	0.04496
607173.88	4202318.09	16257.87197	10486.52737	11160.73361	0.01093	0.01099	1.78405	2.31376	0.04013	0.03942
607370.6	4200744.38	524957.6945	24448.38289	31764.81937	1.48929	1.24955	0.036	0.03422	0.02977	0.02993
607283.25	4202005.74	35002.08602	14619.81701	13605.47415	0.01849	0.01868	1.78258	2.4147	0.0426	0.04183
607058.84	4201453.26	462254.9479	41940.67071	26023.05064	0.03709	0.03791	0.19744	0.20418	0.06941	0.06817
607381.85	4202098.62	29029.54688	11995.30575	12060.0732	0.01772	0.01795	1.93036	1.65636	0.03628	0.03567
607348.03	4202037.94	33109.52342	13273.24618	12842.07279	0.01888	0.01912	4.35121	3.34203	0.03894	0.03826
607731.85	4202398.62	17646.21887	7228.16299	8709.38719	0.01492	0.01508	0.21168	0.20626	0.02297	0.02268
606873.22	4201634.72	78482.39328	46701.75843	24680.62652	0.01983	0.01996	0.10371	0.1067	0.09199	0.08978
607057.74	4201619.77	117516.9698	32974.20381	21779.44889	0.02555	0.02608	0.19715	0.20532	0.06828	0.06684
607231.85	4202548.62	11693.14813	7458.66627	8848.19362	0.00959	0.00963	0.95433	0.88519	0.03216	0.03166
607282.36	4201779.57	67466.71608	18967.42792	16128.07025	0.0261	0.02649	0.86523	0.99609	0.04751	0.04662
607262.5	4201714.67	85301.94912	21023.55324	17286.55014	0.0283	0.02877	0.58438	0.65371	0.05016	0.04921
607171.03	4201655.3	106458.7489	25844.57321	19363.55252	0.02753	0.02797	0.32176	0.3428	0.05764	0.05649
607054.99	4201488.59	291663.2525	40204.47998	25077.08157	0.03397	0.03477	0.19273	0.19948	0.06984	0.06853
607167.2	4202333.46	15743.74088	10309.00196	11032.48775	0.01074	0.0108	1.98635	2.67215	0.04003	0.03932
607333.8	4202176.38	23975.80953	11188.5109	11546.65908	0.01525	0.0154	3.2453	2.45047	0.03626	0.03564
607190.47	4201708.25	83591.93897	23644.80597	18311.89037	0.02486	0.02525	0.33501	0.3592	0.05527	0.05417
607338.67	4201559.91	171720.0041	21805.58036	18456.71861	0.04668	0.04805	1.68645	2.05897	0.04775	0.04693
607366.33	4200769.13	641820.8772	25327.42244	31634.50866	1.74856	1.43729	0.03979	0.03766	0.03089	0.03103
606867.57	4201584.76	107950.288	52500.80569	26274.56766	0.02147	0.02149	0.10694	0.10989	0.09331	0.09116
607231.85	4202498.62	12704.94394	7918.28744	9247.95019	0.01011	0.01016	1.09836	1.0049	0.03326	0.03273
607055.96	4202475.22	11537.85358	8766.82141	9780.61127	0.00916	0.0092	1.32754	1.84232	0.04027	0.03955
606889.49	4201720.32	49814.7915	37832.22335	21829.26365	0.01642	0.01649	0.09988	0.1028	0.08683	0.08465
607281.85	4202548.62	12107.87767	7322.48244	8780.87829	0.00993	0.00999	0.70881	0.67003	0.0308	0.03034
608193.06	4200824.75	88351.26369	10205.63818	12911.24853	0.22203	0.22543	0.04287	0.04139	0.02163	0.02152
607263.77	4201568.55	169698.749	24381.5348	19424.54159	0.03901	0.0399	0.60721	0.66179	0.05222	0.05127
607331.85	4202498.62	13549.42801	7608.50463	9073.937	0.01081	0.01089	0.63365	0.60275	0.03039	0.02994
607339.02	4201743.25	76622.42026	18230.74613	15975.37495	0.0304	0.03099	2.12054	2.99882	0.04503	0.04422
607378.7	4201943.65	41973.06476	14281.62295	13485.68095	0.02226	0.02261	3.30802	2.80509	0.03945	0.03877
607352.58	4201646.39	111339.4838	19746.40219	17134.20101	0.03832	0.03929	1.92059	2.65733	0.04603	0.04522
607346.86	4202072.72	30527.7667	12740.49797	12524.32267	0.01797	0.01819	3.82402	2.90156	0.03825	0.03758
606948.68	4201774.24	42578.99927	30772.51821	19653.77831	0.01503	0.01541	0.11206	0.11554	0.07631	0.07449
607167.09	4201791.19	61674.46047	21812.81911	17205.93326	0.0216	0.02187	0.34837	0.37205	0.05472	0.0536

607192.59	4202290.69	17500.91454	10735.03811	11346.29984	0.01167	0.01173	1.7455	2.18331	0.03997	0.03926
607333.23	4202147.98	25519.08722	11628.44186	11827.17452	0.01588	0.01605	3.71945	2.74596	0.03696	0.03632
607381.85	4202048.62	32674.59767	12797.15193	12577.3632	0.01913	0.0194	2.22774	1.90158	0.03745	0.03682
607231.85	4202448.62	13860.24823	8432.98617	9679.07039	0.01069	0.01075	1.41347	1.26782	0.0344	0.03384
607331.85	4202248.62	21168.68352	10410.91674	11146.04939	0.01433	0.01447	2.48943	2.01355	0.03529	0.0347
607055.01	4201570.37	143935.4194	36195.60366	23170.24096	0.02696	0.02766	0.17491	0.18193	0.06982	0.0684
607281.85	4202498.62	13135.90277	7759.25607	9160.37337	0.01047	0.01053	0.80663	0.75701	0.03177	0.03128
607733.02	4201674.32	61672.07454	11967.5192	12962.52527	0.05316	0.05483	0.34631	0.33464	0.03072	0.0303
607263.97	4202045.13	31118.76299	14229.46467	13408.61611	0.01684	0.017	1.03546	1.32748	0.04279	0.04201
606884.47	4201502.57	220690.4804	59252.47883	28595.44391	0.0246	0.02452	0.11529	0.11818	0.09025	0.08841
607331.85	4202448.62	14765.49746	8086.94231	9476.61641	0.01146	0.01155	0.75513	0.71284	0.03134	0.03086
607340.96	4201720	83449.04558	18632.44615	16266.80891	0.03202	0.03267	1.95592	2.7325	0.04538	0.04457
607355.48	4201589.24	144383.1902	20690.12335	17825.76113	0.04456	0.04585	2.30792	2.98575	0.04653	0.04572
607231.85	4202398.62	15229.85281	9065.26605	10193.83707	0.01135	0.01142	2.20548	1.92008	0.03574	0.03514
607346.28	4201693.85	92074.64091	19002.95897	16563.42543	0.03414	0.03489	1.95987	2.75648	0.04559	0.04478
607331.85	4202548.62	12499.82334	7187.48886	8708.67557	0.01025	0.01032	0.55605	0.53207	0.02952	0.02908
607193.82	4201656.64	106923.237	24888.33851	19033.10098	0.02842	0.02891	0.36204	0.38858	0.05591	0.05481
606891.36	4201599.33	101057.7818	48385.87219	25409.79354	0.02174	0.02186	0.11094	0.11416	0.08956	0.08749
606947.14	4201691.5	66505.309	36259.07318	22058.0797	0.01957	0.01988	0.12339	0.12741	0.07986	0.07793
607332.24	4201768.91	69989.05145	17903.42784	15708.79212	0.02855	0.02905	2.10387	2.91203	0.04487	0.04406
607355.97	4201619.75	124932.6072	20136.00862	17437.65533	0.04119	0.04231	2.11486	2.80668	0.04619	0.04539
606879.35	4201540.17	155433.3984	55947.56026	27475.10609	0.02337	0.02333	0.11258	0.11551	0.09153	0.08954
608199.93	4200786.75	93122.86771	10163.3566	12948.53374	0.23282	0.23614	0.03894	0.03757	0.02123	0.02113
607165.83	4201576.78	159951.1224	28779.61602	20923.39824	0.03203	0.03263	0.30634	0.32345	0.0594	0.05826
607194.06	4201499.33	278520.881	29780.05182	21905.34481	0.04037	0.04129	0.38183	0.40388	0.05775	0.05671
606951.81	4201517.55	203367.0427	49037.70116	26653.65836	0.02766	0.02786	0.13548	0.13944	0.08159	0.07993
607281.85	4202448.62	14308.6417	8246.88783	9568.10916	0.01107	0.01114	0.9802	0.91111	0.03279	0.03227
607265.41	4201691.43	93332.47974	21477.16229	17589.97859	0.0297	0.03021	0.58493	0.65491	0.05043	0.04949
608193.06	4200809.55	91361.61274	10216.82479	12953.86024	0.22796	0.23136	0.04134	0.03989	0.02151	0.0214
607231.85	4202348.62	16251.70641	9773.33682	10716.95734	0.01154	0.01161	4.85225	3.94152	0.03708	0.03645
605201.19	4201601.43	2431.04091	2843.36509	13296.47736	0.00275	0.00278	0.01274	0.01294	0.15808	0.16407
606876.75	4201686.8	59060.37835	41473.8995	23144.7058	0.01785	0.018	0.10108	0.10402	0.09009	0.08779
606892.25	4201637.1	81191.71939	44645.50831	24289.92793	0.02046	0.02064	0.11009	0.11336	0.08877	0.08665
607380.97	4201882.31	49310.39742	15098.20854	14024.16371	0.02457	0.02499	4.1753	3.29048	0.0404	0.0397
606947.26	4201548.33	151815.559	47197.1322	25885.06577	0.02549	0.02572	0.12883	0.13277	0.08234	0.0806
605241.22	4201548.03	2696.01709	3409.59911	17378.57033	0.00291	0.00294	0.01329	0.0135	0.18354	0.19078
607731.85	4202498.62	15331.29435	6570.75462	8186.40899	0.01316	0.01328	0.17752	0.17401	0.02195	0.02169
607268.31	4201663.82	104705.8869	22029.85111	17961.04972	0.03153	0.0321	0.58974	0.65946	0.05075	0.0498
607164.33	4201744.45	71266.42143	23501.96216	18072.72166	0.0223	0.02264	0.29453	0.3129	0.05639	0.05524
607281.85	4202398.62	15652.20097	8798.1033	10010.13969	0.01174	0.01181	1.30307	1.19623	0.03387	0.03332
607196.5	4201624.46	124673.6032	25697.27953	19519.52823	0.03051	0.03105	0.36867	0.39398	0.05623	0.05514
607231.85	4202298.62	17712.76794	10424.65393	11164.24047	0.01192	0.01199	5.3826	4.14534	0.03819	0.03753
607731.85	4202448.62	16425.66357	6893.04299	8443.65914	0.01399	0.01413	0.19428	0.18986	0.02244	0.02217
605272.78	4201468.12	3223.20827	4872.37012	26226.85305	0.00324	0.00326	0.01411	0.01431	0.21302	0.22192
606942.45	4201591.62	115285.3318	43949.67469	24683.97666	0.02372	0.02401	0.12828	0.13234	0.08246	0.08063
607197.52	4201575.13	163024.2606	27186.13582	20395.18687	0.034	0.03467	0.37052	0.39396	0.05688	0.05581
607381.54	4201910.71	45704.3106	14695.03929	13758.41466	0.02348	0.02387	3.56835	2.96232	0.0399	0.03921
606905.55	4201522.51	187720.2895	54247.03099	27486.97593	0.02523	0.02525	0.12061	0.12391	0.08763	0.08579
605202.19	4201404.28	3819.28723	6876.14421	30314.96847	0.00367	0.00368	0.01494	0.01516	0.19319	0.20005
605331.61	4201420.86	4177.97383	8430.26556	45813.83566	0.00388	0.0039	0.01649	0.01673	0.27743	0.29023
607381.85	4201998.62	36775.94722	13535.04356	13035.3446	0.02057	0.02087	2.52747	2.20146	0.03845	0.0378
606892.34	4201453.96	399301.8456	64431.97867	30414.40102	0.02597	0.02586	0.11619	0.11897	0.08861	0.08695
605305.23	4201576.28	2840.61721	3944.12869	20757.10304	0.00308	0.00311	0.01448	0.01471	0.25115	0.26271
605375.91	4201424.82	4378.85202	9345.13793	50831.6277	0.004	0.00402	0.01725	0.0175	0.32226	0.33904
607270.25	4201614.91	132561.9334	23088.01355	18655.0777	0.03545	0.0362	0.61464	0.67987	0.05135	0.0504
606941.11	4201611.06	103950.264	42410.47868	24141.95868	0.02307	0.02338	0.12955	0.13369	0.08224	0.08038
605249.55	4201659	2277.3167	2592.13724	13037.52202	0.00262	0.00265	0.01285	0.01306	0.1688	0.17567
607281.85	4202348.62	17162.91802	9424.65684	10486.44945	0.01241	0.0125	1.97795	1.75191	0.03503	0.03445
605338.73	4201527.72	2955.03262	4087.19073	24487.03484	0.00305	0.00307	0.0143	0.01451	0.24316	0.25419
607161.65	4201706.91	81577.5345	24780.80376	18720.80603	0.02364	0.024	0.28308	0.30061	0.05751	0.05634
607381.85	4201948.62	41493.25722	14178.03622	13427.45939	0.02217	0.02252	3.06799	2.63148	0.03925	0.03858
607231.85	4202248.62	19999.38896	10987.50988	11516.88514	0.01314	0.01323	1.96475	2.87466	0.0391	0.03841
608193.06	4200794.35	94609.45213	10225.40097	12995.93646	0.23397	0.23738	0.03982	0.03841	0.02137	0.02128
607731.85	4202548.62	14356.74502	6266.02719	7941.50284	0.01242	0.01253	0.16164	0.15893	0.02151	0.02125
607198	4201459.13	448351.308	30993.38627	22723.28092	0.04544	0.0466	0.41342	0.43746	0.05767	0.05668
608193.06	4200855.15	83022.46384	10174.27359	12822.23822	0.21046	0.21382	0.04599	0.04445	0.02186	0.02174
606902.13	4201544.16	152931.3787	52687.14508	26910.18408	0.02408	0.02411	0.11749	0.12066	0.08833	0.08643
607271.35	4202059.5	30510.62959	13834.82953	13182.50483	0.0169	0.01705	1.4225	2.07831	0.04201	0.04125
605279.99	4201489.75	3063.36092	4362.46051	24052.93274	0.00312	0.00314	0.01391	0.01411	0.20905	0.21772
605020.97	4201489.77	2669.71823	3371.65486	10034.83846	0.00295	0.00296	0.01192	0.0121	0.11465	0.11811
605355.14	4201690.56	2334.12252	3035.18524	15827.60483	0.00269	0.00271	0.01389	0.01414	0.24198	0.25428
606897.31	4201583.27	112935.5239	49357.7499	25790.62322	0.02247	0.02259	0.11325	0.11652	0.08889	0.08688
606940.44	4201723.67	53334.44182	34640.09603	21117.19786	0.01731	0.01755	0.11262	0.11609	0.07967	0.07775
605207.14	4201438.92	3422.14723	5542.96203	24909.77694	0.00343	0.00344	0.01424	0.01445	0.19283	0.2
605335.73	4201683.92	2321.74453	2915.3404	15336.89307	0.00267	0.00269	0.01368	0.01391	0.22453	0.23543
607872.8	4201205.35	98979.81894	13222.20434	14439.51054	0.17302	0.17969	0.14716	0.14198	0.02906	0.02875
605306.62	4201416.94	4034.79659	7884.83293	42247.2438	0.00379	0.0038	0.01592	0.01616	0.25477	0.26588
607156.59	4202712.11	8729.74122	6396.00235	7838.18876	0.00794	0.00797	2.48424	2.05004	0.03051	0.03007
605088.68	4201514.14	2616.28282	3219.88699	11576.44305	0.00289	0.0029	0.01214	0.01232	0.12652	0.13065
607281.85	4202298.62	18722.34776	10083.81023	10948.96027	0.01296	0.01305	3.8067	2.87725	0.03616	0.03555
607733.02	4201646.81	64899.11826	12152.92103	13100.18909	0.05671	0.05857	0.34346	0.33177	0.03087	0.03044
607872.8	4201188.83	100925.9594	13299.07591	14555.44805	0.1813	0.18831	0.14336	0.13815	0.02904	0.02874
605379.67	4201688.01	2397.07364	3291.79316	16980.07181	0.00275	0.00277	0.01428	0.01453	0.27281	0.28749
606900.73	4201772.79	38735.83903	32639.74406	20037.47523	0.01432	0.01439	0.0979	0.10078	0.08235	0.08032
606935.74	4201641.22	88062.20108	40436.1121	23412.55201	0.02184	0.02215	0.12855	0.13266	0.08227	0.08036
607231.85	4202198.62	21929.62784	11638.31806	11884.10504	0.01377	0.01387	1.32156	1.74879	0.04006	0.03934

605251.44	4201595.54	2569.34984	3193.90844	16043.06805	0.00286	0.00289	0.01342	0.01363	0.19255	0.20054
607199.58	4201481.99	331271.6839	30060.80667	22166.69736	0.04272	0.04374	0.40429	0.42797	0.05742	0.05642
605341.29	4201471.54	3470.66414	5755.37441	33096.65592	0.00343	0.00345	0.01516	0.01539	0.27732	0.29067
608193.06	4200763.95	101315.2992	10232.68089	13077.97015	0.24621	0.2496	0.03686	0.03553	0.02109	0.02101
607272.19	4201641.54	116081.8208	22409.98211	18237.23573	0.03337	0.03402	0.61197	0.68354	0.05086	0.04992
607156.28	4201627.14	120905.3432	27412.05981	20072.48398	0.02845	0.0289	0.29735	0.3147	0.0593	0.05812
605168.07	4201530.53	2617.99257	3196.01788	14071.15656	0.00285	0.00287	0.01256	0.01275	0.14633	0.15149
605400.1	4201689.03	2434.48395	3497.12282	17755.9543	0.00278	0.0028	0.01457	0.01482	0.29963	0.31661
605283.25	4201414.66	3883.68842	7306.12752	38335.61416	0.00368	0.00369	0.01537	0.01559	0.23544	0.2453
605025.63	4201440.58	2833.73415	3759.94671	10937.12062	0.00301	0.00301	0.01197	0.01215	0.11463	0.11811
605358.21	4201654.29	2532.14649	3463.76424	18151.53871	0.00285	0.00287	0.0144	0.01465	0.27037	0.2843
607281.85	4202248.62	20623.49996	10692.64891	11333.48768	0.01377	0.01388	4.13977	5.35722	0.03711	0.03647
607276.28	4201925.31	43069.30909	16225.13045	14492.16964	0.02051	0.02075	1.12154	1.31819	0.04475	0.04392
605207.2	4201501	2855.33751	3786.50182	17947.74259	0.00301	0.00303	0.01315	0.01335	0.17022	0.17656
606932.92	4201460.96	377579.8617	56504.64716	28957.22728	0.02863	0.0286	0.13014	0.13348	0.08324	0.08168
607155.17	4202340.14	15416.28925	10274.62821	10996.50325	0.01057	0.01063	1.70964	2.26315	0.04037	0.03965
607231.85	4202148.62	24387.77156	12486.25351	12393.05774	0.01459	0.0147	1.07787	1.36138	0.04137	0.04061
606898.2	4201691.5	60680.79471	39507.96848	22746.15549	0.01839	0.01855	0.10748	0.1107	0.08664	0.08448
605315.44	4201466.31	3403.56125	5500.42527	31105.25782	0.00337	0.00339	0.01478	0.01499	0.25049	0.26186
605094.28	4201462.35	2811.94873	3677.74019	13101.05304	0.00297	0.00298	0.01226	0.01244	0.12804	0.1322
608193.06	4200839.95	85569.85918	10191.36756	12867.43578	0.21619	0.21958	0.04442	0.04291	0.02175	0.02163
605382.73	4201653.78	2598.38743	3754.00637	19397.23015	0.00291	0.00293	0.0148	0.01506	0.30463	0.32129
607202.62	4202281.33	18016.7659	10796.03914	11393.67307	0.012	0.01208	1.78801	2.26868	0.03976	0.03905
607150.7	4201452.03	494544.3195	34419.82289	23931.58329	0.04236	0.04357	0.30745	0.3219	0.06137	0.06031
605251.89	4201403.82	3859.29586	7193.01797	35832.1866	0.00366	0.00367	0.01505	0.01526	0.21408	0.22267
605343.08	4201606.92	2823.70201	4091.34957	21245.63888	0.00309	0.00312	0.01499	0.01525	0.29152	0.30595
606925.43	4201770.37	41125.834	31850.7631	19903.89777	0.01485	0.01508	0.10454	0.10767	0.07929	0.07737
605172.03	4201466.28	2991.26354	4172.66545	17878.87846	0.0031	0.00311	0.01308	0.01327	0.16061	0.16635
607278.74	4202023.38	33454.78466	14363.00576	13464.52884	0.01796	0.01813	1.69424	2.3416	0.04243	0.04166
605401.04	4201524.15	3110.90095	4604.59377	28616.3576	0.00313	0.00316	0.015	0.01521	0.30202	0.31793
607281.85	4202198.62	22531.36864	11279.13426	11649.72922	0.01439	0.01451	3.6039	3.94881	0.03793	0.03726
607207.23	4201733.73	77004.4298	22323.70741	17688.73889	0.02472	0.0251	0.38643	0.41668	0.05346	0.05241
605285.4	4201543.23	2815.006	3725.3418	20451.88379	0.00299	0.00302	0.01383	0.01404	0.2135	0.22255
605045.35	4201493.83	2652.73999	3316.08548	10577.01547	0.00292	0.00293	0.01195	0.01213	0.11763	0.12129
607150.03	4202691.18	8936.64542	6550.0924	7973.69477	0.00804	0.00807	3.44885	2.54534	0.03117	0.0307
607231.85	4202098.62	26916.51261	13576.2413	13054.73513	0.0151	0.01522	0.69603	0.8364	0.04303	0.04223
605208.1	4201623.31	2323.97778	2615.44298	12572.12144	0.00265	0.00268	0.01256	0.01276	0.15217	0.15788
607279.97	4201945.82	40785.22208	15769.17239	14240.22428	0.02001	0.02023	1.29663	1.559	0.0441	0.04328
605322.05	4201586.49	2866.42816	4083.64031	21392.46733	0.00311	0.00314	0.01479	0.01504	0.2715	0.28441
605106.29	4201530.4	2585.42567	3155.01508	11859.04624	0.00287	0.00289	0.01225	0.01243	0.13151	0.13591
606923.68	4201691.5	63985.42216	37763.65151	22388.33396	0.01911	0.01933	0.11582	0.11943	0.08298	0.08096
608193.06	4200771.55	99689.64399	10232.41306	13057.98157	0.24313	0.24653	0.03759	0.03624	0.02117	0.02108
605255.31	4201424.35	3672.58648	6465.21807	32444.9934	0.00356	0.00357	0.01486	0.01507	0.21806	0.2268
607231.85	4202048.62	29741.86607	14583.87358	13606.02777	0.01558	0.0157	0.62614	0.73694	0.04436	0.04353
607281.85	4202148.62	24971.51971	12040.60576	12101.75997	0.01524	0.01537	3.66517	3.40058	0.03906	0.03837
605181.62	4201558.83	2535.86369	3029.11286	13753.42752	0.00281	0.00283	0.01262	0.01281	0.15097	0.15646
608193.06	4200817.15	89822.59853	10211.51012	12932.60933	0.22498	0.22838	0.0421	0.04064	0.02157	0.02146
607281.85	4201948.62	40506.64834	15684.1586	14193.96576	0.01998	0.0202	1.36499	1.65195	0.04393	0.04312
607147.72	4201580.48	154369.8107	29630.62855	21167.63095	0.03083	0.03141	0.27798	0.29256	0.06086	0.05967
605286.18	4201633.34	2462.94128	3034.93675	15800.39754	0.00278	0.00281	0.01354	0.01377	0.20554	0.21458
605052.57	4201438.73	2882.43977	3882.56335	12064.31901	0.00303	0.00303	0.01215	0.01233	0.12091	0.12468
607209.24	4201706.24	85467.83145	23016.7465	18092.8875	0.02589	0.0263	0.37972	0.40993	0.05394	0.05288
605226.39	4201488.08	2994.2288	4178.153	20479.63758	0.00311	0.00313	0.01351	0.01371	0.1852	0.19234
606922.34	4201725.01	51225.13688	35561.86108	21273.94017	0.01687	0.01701	0.10714	0.11035	0.082	0.07999
607231.85	4201998.62	33691.6487	15593.25872	14141.4535	0.01682	0.01697	0.603	0.68416	0.04562	0.04476
607281.85	4202098.62	28097.93937	12984.05983	12689.6734	0.01638	0.01653	2.46429	4.43812	0.0405	0.03977
607209.71	4201784.9	64550.24251	20755.68252	16822.26614	0.02314	0.02345	0.45585	0.49394	0.05189	0.05086
605113.1	4201473.42	2783.41245	3597.26745	13562.00181	0.00295	0.00295	0.01233	0.01251	0.13192	0.13628
607146.9	4201656.64	104328.2878	26894.43781	19711.30688	0.02638	0.02679	0.28165	0.2982	0.05959	0.05838
605262.68	4201624.15	2459.26414	2979.52462	15165.51197	0.00278	0.0028	0.01333	0.01355	0.19128	0.19935
607281.85	4201998.62	35608.72238	14769.0128	13687.87527	0.01864	0.01883	1.66287	2.1976	0.04284	0.04205
606914.38	4201456.76	401133.3575	59992.96126	29642.42993	0.02748	0.02739	0.12366	0.12672	0.0856	0.084
605188.98	4201454.15	3142.93594	4635.9478	20446.21075	0.00321	0.00323	0.01347	0.01367	0.17321	0.17944
608193.06	4200801.95	92963.9349	10221.54231	12975.03374	0.23096	0.23436	0.04058	0.03915	0.02144	0.02134
607214.65	4202269.97	18780.91151	10857.9523	11439.50656	0.01243	0.01251	1.82958	2.40451	0.03947	0.03877
605286.6	4201513.79	2926.74446	3976.994	22235.48601	0.00303	0.00306	0.01381	0.01402	0.20836	0.21699
605067.01	4201501.96	2637.15053	3270.97409	11093.38638	0.0029	0.00291	0.01203	0.01221	0.12155	0.12541
607231.85	4201948.62	39023.97201	16608.06799	14671.92455	0.01829	0.01847	0.58965	0.65142	0.04681	0.04592
605226.91	4201528.1	2741.2959	3495.68174	17427.90932	0.00293	0.00295	0.01316	0.01336	0.1744	0.18103
607139.48	4202572.19	10506.08139	7496.97023	8792.38154	0.00879	0.00883	2.39128	2.04657	0.03434	0.03379
607281.85	4202048.62	31534.80169	13872.26158	13192.70644	0.01744	0.01761	2.01789	3.08741	0.0417	0.04094
607146.05	4202593.12	10234.01911	7302.90809	8631.20642	0.00867	0.00871	2.21697	1.89348	0.03363	0.0331
608199.93	4200794.35	91668.38169	10159.99893	12927.96977	0.22987	0.2332	0.03968	0.03829	0.0213	0.0212
608193.06	4200786.75	96289.46234	10228.46484	13016.63096	0.23701	0.24041	0.03907	0.03768	0.02131	0.02121
605134.6	4201499.62	2685.08721	3344.94251	13533.87765	0.00288	0.00289	0.01235	0.01253	0.135	0.13952
605269.83	4201576.12	2718.25745	3561.40542	18270.93229	0.00298	0.00301	0.01384	0.01407	0.21409	0.22334
607218.63	4201662	104627.596	23828.33994	18636.50476	0.02902	0.02954	0.41104	0.44529	0.05409	0.05305
606912.96	4201504.85	223129.4391	54837.60957	27856.36798	0.02615	0.02615	0.12379	0.12704	0.08633	0.08457
605191.33	4201515.02	2728.83123	3455.30506	15952.80831	0.00291	0.00293	0.01284	0.01303	0.15756	0.16325
607145.92	4202673.12	9130.89403	6684.84443	8091.35751	0.00813	0.00816	3.41325	2.58245	0.0317	0.03122
605288.7	4201676.27	2277.03789	2683.57742	13875.79782	0.00263	0.00265	0.01318	0.0134	0.18949	0.19785
608199.93	4200839.95	83603.48968	10125.02443	12800.83616	0.2126	0.21591	0.04422	0.04273	0.02167	0.02155
607228.68	4202226.53	20787.05835	11282.46766	11686.69714	0.0134	0.0135	1.49592	2.0475	0.03965	0.03893
605077.3	4201449.8	2862.50172	3821.7766	12824.07783	0.00301	0.00302	0.01225	0.01243	0.12606	0.1301
608186.19	4200839.95	87606.27468	10258.30073	12934.56233	0.21987	0.22333	0.04463	0.0431	0.02183	0.02172
605227.67	4201640.58	2294.60534	2579.56831	12749.59312	0.00263	0.00266	0.01267	0.01288	0.15881	0.16497

607137.51	4201741.77	68128.89098	24648.84508	18497.86972	0.02062	0.02086	0.24155	0.2546	0.05866	0.05745
608199.93	4200801.95	90227.9348	10155.87366	12907.19952	0.22694	0.23027	0.04042	0.03902	0.02136	0.02126
607139.67	4201507.22	254412.2813	32757.21647	22776.998	0.03592	0.03676	0.27745	0.2902	0.06199	0.06085
607145.14	4202352.84	14990.12287	10142.52397	10894.3022	0.01042	0.01047	1.67849	2.25552	0.04046	0.03974
608193.06	4200748.75	104179.0156	10230.50302	13117.51548	0.2524	0.25578	0.03542	0.03414	0.02095	0.02087
605151.19	4201482.44	2810.7023	3662.1826	15215.6272	0.00296	0.00297	0.01262	0.0128	0.14433	0.1493
607226.68	4202254.6	19708.64503	10953.32447	11498.32865	0.01295	0.01304	1.88151	2.66982	0.03922	0.03853
605271.43	4201670.51	2275.15833	2640.203	13477.44456	0.00263	0.00265	0.01303	0.01326	0.18013	0.18782
607218.92	4201572.25	165760.6467	26202.51569	20060.41823	0.03547	0.03621	0.42638	0.4558	0.05526	0.05423
605193.13	4201585.31	2495.00931	2978.24469	13627.91235	0.0028	0.00283	0.01279	0.01299	0.15889	0.16489
607134.55	4201552.91	181160.4725	31479.40997	21985.64266	0.03212	0.0328	0.26128	0.27387	0.06233	0.06113
607872.8	4201221.87	97045.56969	13143.82991	14325.0665	0.16519	0.17154	0.1509	0.14576	0.02907	0.02875
608199.93	4200809.55	88811.39003	10150.89496	12886.17044	0.22402	0.22735	0.04117	0.03975	0.02143	0.02132
605303.55	4201645.09	2423.45746	2979.3438	15836.73114	0.00274	0.00277	0.01358	0.01381	0.21134	0.22086
607143.61	4201470.95	375460.0904	34064.63453	23588.02499	0.03972	0.04078	0.29049	0.30379	0.06187	0.06077
607872.8	4201172.31	102888.1775	13373.67244	14672.06969	0.19005	0.1974	0.1395	0.13425	0.02902	0.02872
607138.86	4201627.81	119406.2578	28228.20447	20329.87594	0.02768	0.02811	0.27348	0.2885	0.06073	0.0595
607221.31	4201641.89	115584.1824	24233.728	18900.57389	0.0306	0.03117	0.42506	0.46025	0.0542	0.05317
607131.85	4201998.62	31121.20739	17010.16307	14824.91474	0.01451	0.01463	0.30165	0.32673	0.0515	0.05046
608199.93	4200847.55	82412.25504	10116.77672	12778.792	0.2098	0.2131	0.04499	0.04348	0.02172	0.0216
608193.06	4200779.15	97996.90772	10230.93516	13037.41562	0.24007	0.24347	0.03833	0.03696	0.02124	0.02114
607223.32	4201616.42	130919.7389	24830.15573	19276.83966	0.03246	0.0331	0.4336	0.46738	0.05444	0.05341
608199.93	4200817.15	87438.67972	10145.3305	12865.06477	0.22113	0.22446	0.04193	0.04049	0.02149	0.02138
607135.38	4202554.13	10780.00854	7674.65055	8942.68565	0.00893	0.00897	2.60146	2.20941	0.03495	0.03438
607131.85	4202748.62	8160.4992	6184.15433	7636.51339	0.0076	0.00762	1.01927	1.4167	0.03014	0.02971
607142.23	4202652.61	9366.78354	6841.64377	8227.41048	0.00824	0.00828	3.16766	2.47528	0.03229	0.0318
608199.93	4200855.15	81267.18234	10107.8406	12756.27365	0.20703	0.21031	0.04576	0.04424	0.02178	0.02165
607131.85	4202048.62	27165.96916	15809.63538	14224.65973	0.01348	0.01359	0.29851	0.32489	0.05006	0.04906
608186.19	4200824.75	90677.22793	10272.5375	12979.08833	0.22588	0.22936	0.04306	0.04155	0.02171	0.0216
608186.19	4200832.35	89104.48576	10265.80646	12956.9739	0.22286	0.22633	0.04384	0.04232	0.02177	0.02166
608199.93	4200824.75	86114.25375	10139.2251	12843.84008	0.21827	0.22159	0.04269	0.04123	0.02155	0.02144
607134.16	4201710.27	77326.42537	25826.68247	19062.32293	0.02187	0.02214	0.23832	0.25128	0.05971	0.05848
607131.85	4202648.62	9339.68613	6888.80697	8261.86286	0.00821	0.00824	3.99737	2.98263	0.03265	0.03215
607140.94	4201796.52	58605.52768	22578.66712	17502.53064	0.02017	0.02041	0.28164	0.29807	0.05673	0.05556
608199.93	4200862.75	80170.39551	10098.2432	12733.35961	0.20428	0.20755	0.04654	0.045	0.02183	0.0217
607131.85	4202098.62	23979.93384	14688.68146	13638.60562	0.01262	0.01273	0.3037	0.32881	0.04857	0.04761
607131.85	4202548.62	10846.37066	7736.41934	8992.69137	0.00895	0.009	2.80972	2.35528	0.03521	0.03464
608206.8	4200771.55	92596.252	10103.41179	12921.19893	0.23448	0.23773	0.03737	0.03606	0.02102	0.02093
608199.93	4200832.35	84841.59064	10132.63287	12822.62254	0.21543	0.21874	0.04345	0.04198	0.02161	0.02149
607131.85	4202698.62	8716.96218	6521.82288	7938.07918	0.00789	0.00792	5.09593	4.60396	0.0314	0.03093
608220.54	4200763.95	87361.67552	9977.58754	12805.58758	0.22897	0.23207	0.03645	0.03519	0.0208	0.02071
608193.06	4200756.35	102831.2489	10231.96322	13097.70672	0.2493	0.25269	0.03613	0.03483	0.02102	0.02094
608199.93	4200870.35	79118.84715	10088.08727	12710.26844	0.20155	0.20482	0.04732	0.04577	0.02188	0.02175
607131.85	4202148.62	21521.30555	13634.96194	13062.88289	0.01201	0.01211	0.33719	0.36456	0.04702	0.0461
607140.46	4201489.08	301426.4521	33479.12209	23196.36964	0.03765	0.0386	0.28166	0.29459	0.06204	0.06091
607131.85	4202598.62	10033.38727	7286.72142	8605.87108	0.00855	0.00859	2.90125	2.36509	0.0339	0.03336
608206.8	4200763.95	93704.83585	10104.0685	12940.6424	0.23737	0.24061	0.03665	0.03536	0.02095	0.02086
608206.8	4200733.55	96529.89102	10098.74153	13018.21097	0.24901	0.25222	0.03388	0.03267	0.02065	0.02058
607131.85	4202198.62	19876.83358	12592.95655	12468.04071	0.01192	0.01199	0.44637	0.48997	0.04532	0.04445
608206.8	4200741.15	96203.6821	10101.58364	12999.03498	0.2461	0.24932	0.03456	0.03333	0.02073	0.02065
608220.54	4200779.15	85714.97076	9974.02754	12766.82602	0.22354	0.22664	0.03784	0.03655	0.02094	0.02084
608206.8	4200756.35	94704.21069	10103.84623	12959.94834	0.24027	0.24351	0.03595	0.03468	0.02088	0.02079
608206.8	4200779.15	91402.20475	10101.57181	12901.20277	0.2316	0.23485	0.03808	0.03676	0.02109	0.02099
607131.85	4202498.62	11782.31233	8240.00929	9416.5316	0.00941	0.00946	3.77593	2.82159	0.03658	0.03596
607131.85	4202248.62	18497.07396	11617.81828	11865.59987	0.01183	0.01191	0.5938	0.65391	0.04367	0.04284
608206.8	4200748.75	95561.49958	10103.11297	12979.49821	0.24318	0.24641	0.03525	0.034	0.0208	0.02072
608220.54	4200771.55	86575.7011	9976.29342	12786.36637	0.22625	0.22935	0.03714	0.03586	0.02087	0.02078
607131.85	4202448.62	12899.12843	8838.92539	9910.57099	0.00996	0.01001	4.03909	4.95792	0.03809	0.03743
608206.8	4200786.75	90162.88087	10098.78515	12880.98223	0.22872	0.23197	0.03881	0.03746	0.02115	0.02106
608186.19	4200847.55	86184.62455	10250.15221	12911.89469	0.21691	0.22036	0.04542	0.04387	0.02189	0.02177
607131.85	4202298.62	16436.36712	10937.67049	11427.49651	0.01099	0.01106	0.82549	0.94209	0.04245	0.04166
607872.8	4201238.39	95118.33266	13063.68998	14212.23006	0.15778	0.16382	0.15458	0.14948	0.02906	0.02874
608227.41	4200733.55	86026.15981	9913.57135	12814.59701	0.23553	0.23853	0.03367	0.0325	0.02045	0.02037
608206.8	4200839.95	81708.81187	10059.3514	12734.85497	0.20909	0.21232	0.04401	0.04254	0.02158	0.02147
608220.54	4200786.75	84807.55874	9971.03876	12747.26328	0.22083	0.22394	0.03854	0.03723	0.021	0.0209
608206.8	4200794.35	88905.46336	10095.23848	12860.64545	0.22586	0.22912	0.03954	0.03817	0.02122	0.02112
608227.41	4200741.15	85930.68958	9915.61979	12796.16632	0.23289	0.23589	0.03432	0.03314	0.02052	0.02044
608186.19	4200870.35	82327.95163	10221.77485	12841.66739	0.20818	0.2116	0.04782	0.04623	0.02206	0.02193
607131.85	4202398.62	14001.28136	9552.84894	10459.52298	0.01026	0.01031	2.65785	4.3951	0.03972	0.03902
608193.06	4200741.15	105274.3038	10228.37438	13137.48008	0.25551	0.25888	0.03471	0.03345	0.02087	0.02079
608186.19	4200862.75	83551.77548	10231.93661	12865.39663	0.21106	0.21449	0.04702	0.04544	0.022	0.02188
608206.8	4200847.55	80622.18623	10051.10951	12713.17351	0.20637	0.20959	0.04477	0.04329	0.02164	0.02152
607131.85	4202348.62	14932.36199	10258.2324	10960.94065	0.01034	0.01039	1.26227	1.60444	0.04114	0.0404
608261.76	4200748.75	73958.86393	9615.85727	12451.97364	0.21073	0.21343	0.03455	0.03341	0.02024	0.02016
608227.41	4200748.75	85633.31648	9916.5257	12777.4463	0.23024	0.23325	0.03499	0.03379	0.02059	0.02051
608220.54	4200794.35	83873.06017	9967.51608	12727.78513	0.21814	0.22125	0.03926	0.03793	0.02107	0.02097
608227.41	4200763.95	84589.3499	9915.47858	12739.26856	0.22493	0.22796	0.03634	0.0351	0.02073	0.02064
608206.8	4200801.95	87646.75224	10090.94707	12840.10502	0.22302	0.22627	0.04027	0.03889	0.02128	0.02118
608206.8	4200855.15	79569.19299	10042.08941	12690.92045	0.20367	0.20688	0.04554	0.04404	0.02169	0.02157
608206.8	4200832.35	82826.18306	10066.77765	12756.08019	0.21183	0.21507	0.04326	0.0418	0.02153	0.02141
608261.76	4200756.35	73779.91308	9614.68859	12433.99433	0.20845	0.21116	0.03518	0.03403	0.0203	0.02022
608220.54	4200870.35	74634.79925	9892.56778	12517.52733	0.19214	0.19519	0.04657	0.0451	0.02162	0.02149
608193.06	4200733.55	105956.5668	10225.12288	13157.31124	0.25862	0.26198	0.03401	0.03278	0.02079	0.02072
608206.8	4200862.75	78554.65283	10032.43127	12668.2602	0.201	0.2042	0.0463	0.04479	0.02175	0.02162
608206.8	4200824.75	83978.26278	10073.58113	12777.16387	0.21459	0.21784	0.04251	0.04107	0.02147	0.02136
605346.39	4201549.18	2910.09137	4038.451	23802.15546	0.00305	0.00308	0.01449	0.01472	0.26143	0.27384

607849.31	4201238.39	100197.8969	13434.68297	14485.47352	0.16291	0.16958	0.16389	0.15824	0.02964	0.02931
608206.8	4200809.55	86399.99286	10085.90073	12819.42065	0.22019	0.22344	0.04101	0.03961	0.02135	0.02124
608227.41	4200756.35	85173.25771	9916.43999	12758.45101	0.22758	0.23061	0.03566	0.03444	0.02066	0.02057
608186.19	4200855.15	84836.8288	10241.39239	12888.82463	0.21397	0.21741	0.04622	0.04465	0.02195	0.02183
608261.76	4200801.95	71539.54315	9592.94747	12324.40081	0.19484	0.19756	0.03908	0.03784	0.02067	0.02056
605363.25	4201470.52	3610.1286	6291.66338	35999.28074	0.00353	0.00356	0.01568	0.01592	0.30717	0.32267
608261.76	4200763.95	73529.95255	9612.95237	12416.0803	0.20618	0.20889	0.03582	0.03465	0.02037	0.02028
608227.41	4200832.35	77285.21606	9873.90521	12560.94524	0.20155	0.20457	0.04268	0.0413	0.02128	0.02117
608206.8	4200817.15	85175.1093	10080.09564	12798.45715	0.21738	0.22063	0.04176	0.04034	0.02141	0.0213
608227.41	4200824.75	78143.71981	9881.3757	12581.74793	0.20409	0.20712	0.04196	0.04059	0.02123	0.02111
605391.16	4201606.92	3051.87714	4939.75996	24881.41245	0.00328	0.00332	0.01617	0.01645	0.37145	0.39227
608227.41	4200779.15	83173.74353	9911.12061	12700.53228	0.21965	0.22269	0.03772	0.03644	0.02086	0.02077
608206.8	4200870.35	77579.52138	10022.2354	12645.42899	0.19835	0.20154	0.04707	0.04554	0.0218	0.02167
608220.54	4200862.75	75475.08913	9902.83882	12539.85963	0.19465	0.19771	0.04583	0.04437	0.02158	0.02145
608220.54	4200801.95	82909.993	9963.00226	12707.80231	0.21546	0.21857	0.03997	0.03863	0.02113	0.02103
605347.42	4201504.74	3131.71038	4592.87982	27653.18416	0.00316	0.00319	0.01457	0.01478	0.25826	0.27051
608213.67	4200832.35	80895.71924	10001.6825	12690.2553	0.20832	0.21149	0.04307	0.04164	0.02144	0.02133
605402.58	4201503.72	3274.66093	5096.90604	31476.66334	0.00324	0.00327	0.0152	0.01542	0.31565	0.33301
608241.15	4200748.75	80375.55883	9794.2066	12645.02768	0.22213	0.22501	0.03482	0.03364	0.02045	0.02037
608213.67	4200824.75	81944.5248	10008.87113	12711.41282	0.21101	0.21418	0.04232	0.04091	0.02139	0.02127
605367.72	4201603.92	2944.65045	4512.95098	23255.79007	0.00319	0.00322	0.01557	0.01584	0.33023	0.34751
608261.76	4200809.55	71052.70285	9586.98357	12305.73374	0.1926	0.19531	0.03975	0.03849	0.02072	0.02062
608220.54	4200756.35	88057.2477	9978.22829	12824.87744	0.2317	0.23479	0.03576	0.03452	0.02073	0.02065
608227.41	4200771.55	83917.21421	9913.77987	12720.0568	0.22229	0.22532	0.03703	0.03577	0.02079	0.0207
605416.39	4201604.52	3119.2205	5280.01161	26330.71098	0.00333	0.00336	0.01653	0.01682	0.41318	0.43749
608227.41	4200817.15	79009.31478	9888.25093	12602.33841	0.20665	0.20969	0.04124	0.03989	0.02117	0.02106
605392.87	4201547.64	2994.66644	4334.64555	26377.02341	0.00309	0.00312	0.01496	0.01518	0.30317	0.31899
608227.41	4200839.95	76443.81236	9866.10682	12540.34901	0.19903	0.20205	0.04341	0.04201	0.02134	0.02122
608213.67	4200817.15	83018.09029	10015.50975	12732.46741	0.21372	0.2169	0.04159	0.04019	0.02133	0.02122
605353.26	4201422.76	4296.18422	8922.76672	48701.97423	0.00395	0.00397	0.01692	0.01717	0.29815	0.31288
608261.76	4200771.55	73223.1292	9610.70073	12398.42993	0.20391	0.20662	0.03647	0.03528	0.02043	0.02034
608213.67	4200839.95	79883.07034	9994.25282	12669.3766	0.20566	0.20882	0.04381	0.04237	0.0215	0.02138
608220.54	4200855.15	76340.03198	9912.59234	12562.01311	0.19718	0.20025	0.04509	0.04364	0.02152	0.0214
608220.54	4200748.75	88624.64818	9978.17066	12844.19037	0.23444	0.23752	0.03508	0.03386	0.02066	0.02058
608220.54	4200809.55	81936.35822	9957.64719	12687.59153	0.2128	0.2159	0.04069	0.03933	0.02119	0.02108
608213.67	4200862.75	76990.14052	9967.29952	12603.76378	0.19779	0.20092	0.04606	0.04458	0.02166	0.02153
608220.54	4200817.15	80964.21719	9951.56365	12667.10109	0.21015	0.21325	0.04141	0.04004	0.02125	0.02114
605407.25	4201655.82	2638.25955	3996.5883	20334.71473	0.00294	0.00297	0.01513	0.0154	0.33857	0.35813
605371.93	4201559.39	2960.38872	4284.71885	24979.67051	0.00311	0.00314	0.01495	0.01518	0.29864	0.31403
608213.67	4200809.55	84108.80096	10021.45804	12753.19399	0.21645	0.21963	0.04085	0.03947	0.02127	0.02116
608261.76	4200855.15	67899.18229	9538.82755	12188.29894	0.17937	0.18205	0.04378	0.04245	0.02103	0.0209
608261.76	4200817.15	70550.65072	9580.47894	12286.8616	0.19036	0.19307	0.04041	0.03914	0.02078	0.02067
608241.15	4200763.95	79670.48242	9792.92109	12608.37218	0.21715	0.22005	0.03614	0.03492	0.02058	0.02049
605416.69	4201438.82	4282.40943	9168.61632	49488.97983	0.00394	0.00396	0.01732	0.01758	0.37663	0.39816
608227.41	4200809.55	79876.98205	9894.45831	12622.59581	0.20923	0.21227	0.04053	0.03919	0.02111	0.021
608241.15	4200756.35	80070.19638	9793.85438	12626.6514	0.21964	0.22253	0.03547	0.03427	0.02052	0.02043
605397.74	4201432.23	4335.8844	9284.02757	50304.25353	0.00397	0.00399	0.01731	0.01757	0.34987	0.36919
608227.41	4200847.55	75618.24801	9857.80228	12519.62496	0.19653	0.19954	0.04413	0.04272	0.02139	0.02127
608227.41	4200786.75	82389.87764	9907.9481	12681.18518	0.21703	0.22007	0.03841	0.03712	0.02092	0.02083
608220.54	4200741.15	89013.93429	9977.19971	12863.31688	0.23718	0.24025	0.0344	0.0332	0.02059	0.02051
608227.41	4200794.35	81575.423	9904.26188	12661.92287	0.21442	0.21746	0.03911	0.0378	0.02099	0.02089
605407.68	4201483.8	3532.37185	6039.27512	35935.28071	0.00344	0.00347	0.01574	0.01596	0.34715	0.36718
608213.67	4200855.15	77926.89193	9977.00934	12626.16853	0.20039	0.20353	0.04531	0.04384	0.02161	0.02149
608213.67	4200801.95	85209.73471	10026.65995	12773.6417	0.2192	0.22237	0.04012	0.03876	0.02121	0.0211
608241.15	4200771.55	79185.98984	9790.98439	12589.79282	0.21467	0.21757	0.0368	0.03557	0.02065	0.02056
608227.41	4200855.15	74807.02142	9848.83263	12498.444	0.19405	0.19705	0.04486	0.04344	0.02144	0.02132
608213.67	4200847.55	78894.62198	9986.10886	12648.16029	0.20302	0.20616	0.04456	0.0431	0.02156	0.02144
608261.76	4200862.75	67359.67874	9528.7489	12167.49237	0.17721	0.17988	0.04446	0.04312	0.02107	0.02095
605423.6	4201689.54	2471.99437	3721.67212	18587.75863	0.00281	0.00283	0.01487	0.01514	0.33225	0.3522
608261.76	4200779.15	72859.5809	9607.40546	12380.28616	0.20163	0.20435	0.03711	0.03591	0.02049	0.0204
608220.54	4200733.55	89162.45266	9974.86008	12881.95907	0.23991	0.24297	0.03373	0.03256	0.02052	0.02044
608261.76	4200824.75	70038.4657	9573.5672	12267.88016	0.18814	0.19085	0.04108	0.0398	0.02083	0.02072
608227.41	4200801.95	80736.97037	9899.87094	12642.47369	0.21182	0.21486	0.03982	0.03849	0.02105	0.02095
608241.15	4200824.75	74678.83328	9756.49987	12454.56251	0.19749	0.20039	0.0416	0.04027	0.02107	0.02095
608186.19	4200733.55	111759.0653	10289.19836	13227.86836	0.26362	0.26706	0.03408	0.03283	0.02086	0.02079
608220.54	4200847.55	77227.01365	9921.67599	12583.64809	0.19974	0.20281	0.04435	0.04291	0.02147	0.02135
608241.15	4200832.35	73975.032	9748.84897	12434.21238	0.19509	0.19798	0.0423	0.04096	0.02112	0.02101
608241.15	4200779.15	78633.97299	9788.03634	12570.80449	0.21218	0.21509	0.03748	0.03623	0.02071	0.02062
608227.41	4200862.75	74008.91949	9839.03414	12476.53928	0.19159	0.19457	0.04559	0.04416	0.02149	0.02136
608220.54	4200839.95	78129.91821	9929.90306	12604.61194	0.20231	0.20539	0.04361	0.04219	0.02142	0.0213
608213.67	4200870.35	76083.83103	9957.0664	12581.18361	0.19521	0.19833	0.04682	0.04532	0.02171	0.02158
608213.67	4200794.35	86311.38605	10031.10994	12793.95648	0.22196	0.22514	0.0394	0.03805	0.02114	0.02104
608220.54	4200832.35	79048.70098	9937.33522	12625.14555	0.2049	0.20799	0.04287	0.04147	0.02136	0.02125
608261.76	4200870.35	66826.00939	9518.45066	12146.79206	0.17507	0.17773	0.04514	0.0438	0.02112	0.02099
608186.19	4200817.15	92328.90918	10278.54755	13001.0077	0.22892	0.2324	0.04227	0.04079	0.02165	0.02154
608220.54	4200824.75	80000.63817	9944.8049	12646.27833	0.20751	0.21061	0.04214	0.04075	0.02131	0.02119
608268.63	4200771.55	71484.48887	9551.82203	12335.91047	0.20049	0.20315	0.03635	0.03518	0.02036	0.02027
608213.67	4200733.55	92638.27866	10036.51788	12949.75901	0.2444	0.24754	0.03381	0.03261	0.02058	0.02051
608234.28	4200741.15	83121.99098	9854.41361	12729.44233	0.2287	0.23164	0.03425	0.03307	0.02045	0.02037
608213.67	4200786.75	87397.69597	10034.74366	12813.96486	0.22473	0.22791	0.03868	0.03735	0.02108	0.02098
608234.28	4200809.55	77924.82199	9831.8877	12558.20532	0.20575	0.20872	0.04037	0.03905	0.02103	0.02093
608241.15	4200839.95	73271.34004	9740.52227	12413.68201	0.1927	0.19558	0.04301	0.04165	0.02117	0.02106
608261.76	4200786.75	72452.27234	9603.31846	12361.87108	0.19937	0.20208	0.03777	0.03655	0.02055	0.02045
608241.15	4200786.75	78032.1724	9784.24173	12551.58276	0.20971	0.21261	0.03816	0.03689	0.02077	0.02068
608186.19	4200763.95	105715.1178	10298.01486	13147.73209	0.25081	0.25428	0.03696	0.03562	0.02117	0.02108
608227.41	4200870.35	73229.66258	9828.72773	12454.45383	0.18914	0.19212	0.04633	0.04488	0.02154	0.02141

608213.67	4200779.15	88456.60944	10037.63389	12833.85394	0.22752	0.23069	0.03796	0.03665	0.02101	0.02092
608261.76	4200832.35	69511.18696	9565.75526	12248.29302	0.18593	0.18863	0.04175	0.04046	0.02088	0.02077
608234.28	4200824.75	76370.38959	9818.58027	12517.81046	0.20075	0.20371	0.04178	0.04043	0.02115	0.02103
608234.28	4200786.75	80138.32774	9845.74882	12616.03001	0.21332	0.21629	0.03828	0.037	0.02085	0.02075
608268.63	4200779.15	71164.1371	9548.367	12317.97139	0.19828	0.20094	0.03699	0.03581	0.02042	0.02032
608186.19	4200771.55	103717.5192	10297.8093	13127.31442	0.24763	0.25111	0.0377	0.03634	0.02124	0.02115
608234.28	4200794.35	79417.93319	9841.62147	12596.67441	0.21078	0.21375	0.03898	0.03768	0.02091	0.02081
608268.63	4200741.15	72175.44599	9557.74962	12406.08854	0.20932	0.21195	0.03384	0.03273	0.0201	0.02002
608241.15	4200794.35	77398.97744	9779.95779	12532.43602	0.20724	0.21014	0.03884	0.03756	0.02084	0.02074
608213.67	4200741.15	92417.57145	10039.15397	12930.90187	0.24158	0.24473	0.03448	0.03327	0.02066	0.02058
608234.28	4200763.95	82034.84545	9853.95334	12673.56637	0.221	0.22396	0.03624	0.03501	0.02066	0.02057
607849.31	4201205.35	104284.8629	13598.88557	14718.39467	0.17915	0.18656	0.15589	0.15015	0.02963	0.02931
608234.28	4200748.75	82893.07732	9855.17475	12711.02807	0.22613	0.22908	0.03491	0.03371	0.02052	0.02044
607849.31	4201221.87	102240.9274	13517.56816	14600.94745	0.1708	0.17783	0.15992	0.15423	0.02964	0.02931
608234.28	4200839.95	74822.80208	9802.86285	12476.57294	0.19583	0.19877	0.04321	0.04183	0.02125	0.02114
608213.67	4200771.55	89463.81888	10039.59435	12853.516	0.23032	0.23349	0.03725	0.03596	0.02094	0.02085
608234.28	4200801.95	78686.05028	9837.35398	12577.75435	0.20826	0.21123	0.03967	0.03836	0.02097	0.02087
608241.15	4200847.55	72575.73235	9731.80331	12393.13644	0.19033	0.1932	0.04371	0.04234	0.02122	0.0211
608186.19	4200809.55	94057.33373	10283.70608	13022.5124	0.23199	0.23547	0.0415	0.04003	0.02159	0.02148
608241.15	4200801.95	76749.28477	9775.44615	12513.63728	0.20479	0.20769	0.03952	0.03823	0.0209	0.02079
608234.28	4200771.55	81462.48944	9852.0447	12654.56924	0.21843	0.2214	0.03692	0.03567	0.02072	0.02063
608234.28	4200817.15	77151.18761	9825.65418	12538.27385	0.20324	0.20621	0.04108	0.03974	0.02109	0.02098
608234.28	4200855.15	73324.10159	9785.54697	12435.25676	0.19098	0.19391	0.04464	0.04324	0.02136	0.02123
608261.76	4200794.35	72009.93725	9598.51337	12343.24618	0.1971	0.19982	0.03842	0.03719	0.02061	0.02051
608213.67	4200748.75	91914.11623	10040.30243	12911.47049	0.23875	0.24191	0.03516	0.03393	0.02073	0.02065
608241.15	4200809.55	76073.60921	9769.93472	12494.4122	0.20235	0.20525	0.04021	0.03891	0.02095	0.02085
608234.28	4200756.35	82518.7857	9854.95004	12692.34375	0.22356	0.22652	0.03557	0.03436	0.02059	0.0205
608268.63	4200786.75	70802.86582	9544.12785	12299.75122	0.19608	0.19874	0.03764	0.03644	0.02048	0.02038
608213.67	4200756.35	91219.92138	10040.69624	12892.04082	0.23593	0.23909	0.03585	0.0346	0.0208	0.02072
608261.76	4200839.95	68976.51387	9557.30013	12228.55802	0.18373	0.18642	0.04243	0.04112	0.02093	0.02081
608186.19	4200779.15	101693.3756	10296.56561	13106.50739	0.24446	0.24794	0.03845	0.03706	0.02131	0.02122
608234.28	4200832.35	75593.62651	9811.01782	12497.23363	0.19828	0.20124	0.04249	0.04113	0.0212	0.02109
608234.28	4200862.75	72590.25011	9775.88116	12413.80395	0.18858	0.1915	0.04536	0.04395	0.02141	0.02128
608234.28	4200779.15	80824.83498	9849.28431	12635.36549	0.21587	0.21884	0.0376	0.03633	0.02079	0.02069
608268.63	4200824.75	68626.61607	9513.80838	12206.8093	0.18516	0.18781	0.04091	0.03964	0.02075	0.02064
605425.13	4201659.91	2650.78597	4152.06521	20781.20895	0.00295	0.00298	0.01533	0.0156	0.36407	0.38614
608213.67	4200763.95	90389.71892	10040.47803	12872.7428	0.23312	0.23629	0.03655	0.03528	0.02087	0.02079
605466.42	4201572.67	3264.58366	5859.5519	30243.44775	0.00337	0.0034	0.01676	0.01703	0.49393	0.52743
608268.63	4200748.75	72110.29627	9557.28778	12388.57515	0.20711	0.20975	0.03446	0.03333	0.02017	0.02009
605544.56	4201490.44	3916.00871	8308.53205	42161.93886	0.00364	0.00368	0.01752	0.01779	0.68202	0.74586
608241.15	4200817.15	75380.63245	9763.58126	12474.70235	0.19991	0.20281	0.04091	0.03959	0.02101	0.0209
605612.32	4201491.81	4211.72385	11108.61223	44728.97585	0.00381	0.00385	0.01877	0.01907	1.1653	1.3278
605438.52	4201442.12	4288.16608	9331.85165	49767.92912	0.00393	0.00395	0.01743	0.0177	0.40979	0.43478
605680.74	4201532.99	4031.09538	12574.34592	39538.38235	0.00372	0.00376	0.01949	0.01981	3.2316	4.40097
608241.15	4200855.15	71889.10315	9722.63601	12372.33786	0.18798	0.19084	0.04442	0.04304	0.02127	0.02115
608234.28	4200847.55	74066.36741	9794.39396	12455.98792	0.19339	0.19633	0.04392	0.04253	0.02131	0.02119
605467.03	4201661.95	2775.15754	4912.05987	22695.98981	0.00307	0.00309	0.01613	0.01642	0.46477	0.49718
605803.82	4201672.8	4426.92894	19179.22228	32423.37718	0.00429	0.00431	0.02478	0.02528	4.36327	3.75085
605546.45	4201443.77	4881.36996	13448.31962	57044.04836	0.00424	0.00428	0.01949	0.0198	0.69753	0.76333
605848.35	4201757.66	3489.54284	14073.31774	24417.61901	0.00364	0.00365	0.02245	0.02292	2.74626	2.46354
607849.31	4201188.83	106338.2626	13679.45411	14838.40092	0.188	0.1958	0.1518	0.14602	0.02961	0.02929
608240.38	4200722.19	80603.87685	9795.95592	12716.67085	0.2313	0.23416	0.03258	0.03146	0.02021	0.02014
605612.51	4201618.59	3522.67926	9285.90444	32062.38684	0.00361	0.00363	0.01932	0.01967	1.42989	1.64029
605439.23	4201611.73	3135.02861	5552.44101	26814.54456	0.00334	0.00337	0.01681	0.01711	0.45757	0.48614
605895.28	4201750.29	3719.3805	16518.94967	24940.75113	0.00377	0.00378	0.02351	0.024	1.91468	1.75516
605752.64	4201613.91	3905.76115	16363.69348	33791.04815	0.0038	0.00383	0.02139	0.02178	11.76428	8.42503
605483.09	4201613.53	3245.02844	6367.78958	28681.15404	0.00342	0.00345	0.0175	0.01781	0.57034	0.61221
605949.58	4201844.81	4218.04735	15786.40475	22101.12218	0.00423	0.00422	0.02589	0.0265	1.35449	1.24629
608268.63	4200832.35	68145.38283	9505.9267	12187.44034	0.18301	0.18565	0.04157	0.04029	0.0208	0.02069
605804.38	4201419.48	6425.21297	140041.556	58412.94599	0.0047	0.00475	0.02296	0.02329	2.56423	2.3345
608268.63	4200794.35	70407.70556	9539.18592	12281.33092	0.19388	0.19654	0.03828	0.03707	0.02054	0.02043
605546.79	4201603.32	3404.86006	7700.65995	31440.83325	0.00351	0.00354	0.01826	0.01857	0.82057	0.8996
605999.86	4201691.29	5299.64601	31663.43787	30390.50341	0.00472	0.00473	0.02887	0.02947	1.04549	0.98383
608186.19	4200801.95	95865.06863	10288.06323	13043.72467	0.23508	0.23856	0.04072	0.03928	0.02152	0.02142
605850.75	4201582.29	5377.01384	35516.55562	40589.07461	0.0047	0.00473	0.02632	0.02681	2.44691	2.20224
608261.76	4200847.55	68438.44741	9548.30529	12208.60864	0.18154	0.18423	0.0431	0.04179	0.02098	0.02086
605617.05	4201550.42	3611.88384	8558.08145	35674.14244	0.00347	0.00351	0.01814	0.01843	1.21236	1.41825
606054.16	4201725.48	5048.03219	29141.72226	27026.85872	0.00456	0.00456	0.02867	0.02928	0.81735	0.7724
605440.46	4201696.18	2472.25699	3849.1168	18813.86003	0.00282	0.00284	0.01504	0.01531	0.35557	0.37798
605904.79	4201542.52	5590.0555	48710.11094	42109.07862	0.00464	0.00467	0.02586	0.0263	1.58176	1.45863
605753.43	4201572.13	3965.29491	16838.67244	35724.80477	0.0037	0.00373	0.02058	0.02094	12.93553	8.86091
606102.82	4201623.19	7803.8853	57467.33381	35544.20421	0.00583	0.00584	0.03447	0.03507	0.6223	0.59573
605483.88	4201705.38	2533.18485	4392.80829	19937.2519	0.00289	0.0029	0.01567	0.01596	0.44836	0.48116
605950.05	4201518.65	5936.3346	59151.62815	42518.8196	0.00465	0.00469	0.02591	0.02631	1.11449	1.04629
605804.49	4201580.95	4619.7761	27490.6377	38639.35771	0.00423	0.00426	0.0235	0.02394	4.16306	3.56917
605547.12	4201515.47	3628.63134	7188.72024	37507.90349	0.00345	0.00349	0.01711	0.01737	0.66138	0.72561
606154.05	4201702.02	6666.46813	42835.75919	28671.86769	0.00538	0.00538	0.03306	0.03369	0.54511	0.51992
606001.9	4201540.87	6528.6162	68182.15685	41472.01187	0.00503	0.00507	0.02848	0.02894	0.88255	0.83768
605851.42	4201667.44	4668.19419	23216.40565	32819.44535	0.00441	0.00442	0.02577	0.02629	2.65332	2.38701
608234.28	4200870.35	71869.36384	9765.62694	12392.05859	0.18621	0.18912	0.04608	0.04466	0.02145	0.02132
605617.31	4201676.04	3436.53249	9105.54793	28840.1685	0.00364	0.00366	0.02003	0.02042	1.62307	1.87869
606212.37	4201484.74	10831.49516	185374.9862	41820.70763	0.00617	0.00621	0.0337	0.03421	0.36252	0.35339
606054.96	4201471.1	8333.12359	152051.8295	46826.04093	0.00549	0.00554	0.02931	0.02974	0.59686	0.57649
605441.9	4201530.28	3223.10907	5110.58029	30927.83462	0.00323	0.00326	0.01565	0.01588	0.37673	0.3999
605905.72	4201609.78	5839.52985	35144.92844	38661.56804	0.00501	0.00503	0.02872	0.02926	1.60687	1.48945
608241.15	4200741.15	80560.20578	9793.86377	12663.441	0.22462	0.2275	0.03417	0.033	0.02038	0.0203

605753.43	4201592.62	3905.16587	16375.13105	34576.35607	0.00373	0.00376	0.02088	0.02125	12.07983	8.49809
606269.72	4201778.05	8411.79631	38191.72794	24963.78156	0.00646	0.00642	0.03887	0.03968	0.35941	0.34275
606107.43	4201441.37	10422.08189	283229.8569	49168.85192	0.00604	0.0061	0.03123	0.03167	0.45479	0.44346
605484.66	4201447.47	4361.09949	9986.63866	50775.22089	0.00395	0.00398	0.01785	0.01812	0.49981	0.53446
605951.7	4201477.5	6259.88968	68506.65513	44628.38885	0.00456	0.00461	0.02479	0.02513	0.9625	0.91028
605810.53	4201617.83	4751.78476	25171.45295	36851.43121	0.00441	0.00443	0.02491	0.02539	3.85222	3.33582
606315.55	4201437.87	20864.09914	368314.3779	46046.70286	0.00819	0.00825	0.04159	0.04225	0.25498	0.25036
605553.76	4201533.34	3493.54876	6869.81828	35229.05937	0.00337	0.00341	0.01706	0.01732	0.67397	0.74166
606158.5	4201482.99	9742.82211	174493.48	43215.72236	0.0059	0.00594	0.03213	0.03261	0.42498	0.41332
606004.78	4201518.24	6636.16919	76931.88596	42662.63509	0.00497	0.00501	0.02776	0.02819	0.83374	0.79336
605854.59	4201515.36	5844.59535	56068.00634	46944.79529	0.00478	0.00482	0.02561	0.02605	2.25375	2.0207
605622.85	4201440.76	5094.21765	17463.47842	57380.65233	0.00428	0.00432	0.02013	0.02045	1.2018	1.38553
606214.45	4201529.7	10410.37968	135062.2606	39444.14784	0.00638	0.00641	0.0356	0.03617	0.38559	0.37434
606373.59	4201720.63	13875.51467	52051.131	27371.99551	0.00838	0.00834	0.04834	0.04926	0.26368	0.25344
606057.41	4201447.66	9056.07157	210626.3673	49378.08762	0.00566	0.00572	0.02942	0.02984	0.55367	0.53732
605441.9	4201555.3	3175.15642	5173.581	29483.68868	0.00326	0.00329	0.01597	0.01622	0.40949	0.43524
605907.73	4201585.65	5962.36395	40699.56396	40627.22932	0.00501	0.00504	0.02845	0.02897	1.56085	1.44756
605755.8	4201636.77	4080.06293	17140.80932	33681.50971	0.004	0.00403	0.02258	0.02301	10.56552	7.82454
606270.87	4201576.12	12311.31883	101193.1763	36472.30184	0.00721	0.00722	0.04047	0.04114	0.34211	0.33139
606421.52	4201578.49	15010.52428	110821.8231	32320.40564	0.00771	0.00769	0.0428	0.0436	0.23248	0.22594
606108.13	4201514.12	8512.86773	123588.6107	42455.6412	0.00572	0.00576	0.03177	0.03226	0.53396	0.5157
605492.57	4201664	2867.93779	5521.39872	23891.40934	0.00316	0.00318	0.0167	0.01701	0.55145	0.59367
605954.66	4201647.32	5452.2612	34640.14465	34077.36964	0.00477	0.00479	0.02845	0.02902	1.28233	1.2002
605814.67	4201508.36	5741.19481	54333.93446	48623.66931	0.00474	0.00479	0.02496	0.02539	3.50243	2.99254
606319.56	4201491.43	14214.65962	201105.0786	39516.26561	0.00705	0.00708	0.03815	0.03876	0.27551	0.26911
605554.89	4201703.55	2854.64585	6310.89014	23512.9295	0.00319	0.00321	0.01754	0.01788	0.81759	0.90038
606159.41	4201679.23	7406.10312	49546.0467	30502.06964	0.0057	0.0057	0.03449	0.03514	0.52947	0.50624
608268.63	4200756.35	71964.36661	9556.10653	12370.98087	0.20491	0.20755	0.03508	0.03394	0.02023	0.02015
608241.15	4200862.75	71215.68103	9713.19416	12351.43528	0.18565	0.1885	0.04513	0.04374	0.02132	0.0212
606507.25	4201499.81	31391.73102	195704.0086	36676.87568	0.00982	0.00981	0.051	0.05195	0.18207	0.17796
606005.22	4201734.87	4809.05901	25719.00079	27114.41297	0.00447	0.00448	0.0278	0.02841	1.03394	0.97104
605854.59	4201537.17	5746.33812	48572.80213	45028.58549	0.0048	0.00484	0.02611	0.02657	2.28515	2.05595
605629.67	4201535.39	3784.36597	9520.60383	37891.16727	0.00357	0.0036	0.01846	0.01875	1.41846	1.68116
607849.31	4201172.31	108399.1671	13756.89625	14958.63416	0.19737	0.20557	0.14763	0.14181	0.02957	0.02927
606216.45	4201599.79	11199.57541	79088.80353	35730.42517	0.00707	0.00709	0.04004	0.04067	0.4064	0.39222
606374.98	4201580.86	13704.98394	110191.5484	33313.32802	0.00752	0.00751	0.04179	0.04256	0.26128	0.25362
606057.76	4201494.89	8226.3939	127962.7816	45450.19554	0.0056	0.00565	0.03045	0.03091	0.62295	0.59996
605448.12	4201661.95	2704.66148	4501.48095	21706.7905	0.003	0.00303	0.01571	0.016	0.41161	0.43855
605908.49	4201515.36	5693.45456	54526.21025	43589.15436	0.00457	0.00461	0.02511	0.02551	1.45485	1.34425
605756.59	4201550.06	4167.72506	19510.39119	38079.40676	0.00379	0.00383	0.02075	0.02111	11.53113	8.11245
606272.88	4201439.62	17439.72439	359319.3502	46621.2992	0.00761	0.00768	0.03897	0.03955	0.28333	0.278
606425.14	4201492.89	20878.80795	215126.3034	38092.22385	0.00845	0.00846	0.04467	0.04547	0.2158	0.21103
606112.33	4201491.04	8886.23021	151596.2352	43954.57859	0.00573	0.00578	0.03129	0.03176	0.5038	0.48785
605492.98	4201561.94	3309.66876	6064.40842	31633.43191	0.00336	0.0034	0.01681	0.01708	0.54229	0.58375
605954.99	4201496.02	6128.54122	65113.08208	43656.91888	0.00462	0.00466	0.02538	0.02575	1.01209	0.95455
605814.67	4201534.29	5225.4926	40761.3503	44297.06811	0.0045	0.00454	0.02423	0.02466	3.57673	3.08338
608240.73	4200729.53	80699.30636	9795.29777	12695.45718	0.22868	0.23155	0.03319	0.03205	0.02028	0.0202
606323.91	4201523.4	12714.20612	150831.358	36878.56843	0.00683	0.00684	0.03781	0.03844	0.28333	0.27604
605558.77	4201654.65	3316.41993	7847.95853	28611.23978	0.00353	0.00355	0.01887	0.01922	0.94405	1.04388
606161.65	4201457.81	10827.75791	241656.556	45746.41174	0.00613	0.00619	0.03251	0.03298	0.39911	0.38931
606508.65	4201695.39	16835.92764	63238.97959	26492.80815	0.00936	0.0093	0.0506	0.05171	0.19016	0.18376
606005.3	4201499.08	6881.54144	87633.15139	44194.4335	0.00501	0.00505	0.02749	0.02791	0.79507	0.75846
608248.02	4200741.15	78214.06233	9734.06265	12598.25102	0.22065	0.22346	0.03409	0.03293	0.02031	0.02023
608268.63	4200839.95	67655.39909	9497.40682	12167.92841	0.18087	0.1835	0.04224	0.04095	0.02085	0.02073
605857.05	4201470.09	6026.47462	73210.3397	50115.4187	0.00466	0.00471	0.02419	0.02456	2.00573	1.7981
605633.16	4201493.26	4386.04517	13025.49014	46082.15699	0.00394	0.00398	0.01949	0.01981	1.47909	1.72639
606381.66	4201440.67	27457.83147	354658.2757	44321.57991	0.00913	0.00918	0.04611	0.04688	0.22086	0.21683
606217.24	4201646.32	10158.73994	62361.11118	32866.48946	0.00675	0.00675	0.03958	0.04024	0.42134	0.40502
606058.46	4201539.31	7941.63413	88531.19112	42338.69859	0.00569	0.00572	0.03195	0.03247	0.67057	0.64342
608186.19	4200794.35	97735.66805	10291.44769	13064.55072	0.23818	0.24167	0.03996	0.03853	0.02145	0.02135
605910.7	4201707.38	4220.18115	21670.26802	28347.30866	0.00409	0.0041	0.025	0.02554	1.75939	1.62068
605756.59	4201659.63	4179.86476	16697.67452	32831.50422	0.00412	0.00414	0.02342	0.02387	10.35379	7.74226
606275.48	4201489.01	12571.75706	195546.7373	40357.747	0.00663	0.00666	0.03611	0.03667	0.30709	0.29972
606430	4201786.92	14582.53451	41310.82984	24224.63561	0.00911	0.00907	0.05352	0.0546	0.21774	0.20919
606113.03	4201537.21	8819.98842	104497.3174	41499.93559	0.00599	0.00602	0.03358	0.03412	0.54143	0.52235
605498.6	4201538.96	3345.72392	5893.93709	33016.44401	0.00332	0.00335	0.01647	0.01671	0.50926	0.54855
605956.28	4201701.35	4616.48615	25718.39131	29051.02213	0.00433	0.00433	0.02656	0.02712	1.32704	1.23763
605816.17	4201744.25	3626.57664	14371.74295	25932.93576	0.00378	0.00379	0.02272	0.02319	3.94792	3.42376
606551.69	4201619.47	22832.89184	86585.58207	28713.92284	0.00961	0.00953	0.0509	0.05193	0.17394	0.16892
606326.76	4201698.59	12466.01552	55431.93955	28871.38289	0.00774	0.00771	0.04489	0.04571	0.30456	0.29261
606162.49	4201601.07	9794.85569	71817.55996	36490.39887	0.00661	0.00663	0.03788	0.03847	0.4848	0.46681
605564.99	4201556.84	3413.9196	7006.54129	33545.26565	0.00337	0.0034	0.01734	0.01761	0.76815	0.85274
606508.93	4201744.7	17737.81886	50874.0571	25261.65204	0.00995	0.00989	0.05549	0.05671	0.18481	0.17822
606006.95	4201591.01	6998.01762	52470.20175	39374.67429	0.00548	0.0055	0.03169	0.03224	0.89788	0.85292
605857.05	4201491.49	5905.76506	64114.18919	48526.19903	0.0047	0.00475	0.02482	0.02522	2.13375	1.91033
606550.58	4201746.15	18574.01362	50948.6615	24616.55128	0.01023	0.01017	0.05633	0.05766	0.16782	0.16202
605646.71	4201591.06	3573.20845	9605.20103	33531.66897	0.00355	0.00358	0.01907	0.0194	1.95227	2.40481
606383.49	4201491.43	17663.17448	214653.2747	38657.20956	0.00782	0.00784	0.04172	0.04244	0.23661	0.23138
606219	4201578.94	11318.20014	91293.87998	37176.34061	0.00699	0.00701	0.03936	0.03997	0.39744	0.38432
608268.63	4200801.95	69987.0579	9533.58359	12262.80516	0.19168	0.19434	0.03893	0.03771	0.02059	0.02049
606059.25	4201628.55	6883.66165	50584.5383	35197.82847	0.00543	0.00545	0.03235	0.03293	0.75065	0.7153
608275.5	4200733.55	70397.12613	9499.8282	12360.35544	0.20786	0.21043	0.03315	0.03206	0.01997	0.01989
605911.09	4201656.04	4935.66421	28943.68689	33174.19948	0.00451	0.00452	0.02675	0.02729	1.69953	1.56877
605757.37	4201681.7	4094.6255	15607.37765	31240.38165	0.0041	0.00412	0.02348	0.02394	10.47509	7.80918
606276.42	4201759.93	8843.90146	41396.60809	25794.28685	0.00659	0.00655	0.03943	0.04024	0.35501	0.33903
606431.64	4201749.04	15688.59548	47704.07124	25611.16909	0.00924	0.00921	0.05344	0.05451	0.22141	0.21302

606113.38	4201469.7	9359.04019	185982.1473	45624.27139	0.00578	0.00584	0.03096	0.03142	0.47906	0.46517
605501.15	4201514.96	3496.06658	6269.11512	35743.3342	0.00338	0.00341	0.01649	0.01673	0.50649	0.54572
605957.05	4201448.69	7011.13166	92201.78838	48749.97682	0.00484	0.00489	0.02527	0.02561	0.86033	0.81929
605819.2	4201487.79	5971.95741	67543.53722	51028.59536	0.00479	0.00484	0.02486	0.02527	3.27199	2.79157
606330.59	4201761.12	10731.99118	43369.61097	25876.95032	0.00746	0.00741	0.04373	0.04463	0.29858	0.28574
606166.11	4201859.56	5457.25225	21893.6348	20804.38479	0.00494	0.00491	0.03146	0.03225	0.46458	0.4385
606509	4201630.66	17702.36969	82106.17486	28482.97277	0.00869	0.00861	0.04735	0.0483	0.19143	0.18568
605565.42	4201590.1	3430.19057	7838.35441	32388.39376	0.00349	0.00352	0.01816	0.01846	0.89866	0.99671
606009.49	4201477.75	7323.95775	107429.0609	46234.73931	0.00512	0.00517	0.0275	0.0279	0.73739	0.70636
606552.74	4201663.55	19552.02708	69683.60326	26676.14548	0.00937	0.0093	0.0506	0.05166	0.17257	0.16723
605860.35	4201439.64	6361.03594	89880.78853	52768.18116	0.00465	0.0047	0.02358	0.02391	1.64677	1.50952
605651.9	4201523.98	4024.31791	11421.94112	40463.15725	0.00372	0.00376	0.01912	0.01943	1.93411	2.37027
606386.35	4201698.4	15467.7642	57103.9306	28117.82628	0.00883	0.00883	0.05021	0.05112	0.25417	0.24476
606221.97	4201624.24	10890.49512	69732.07057	34094.97144	0.007	0.00701	0.0403	0.04094	0.40743	0.39244
606061.96	4201516.57	8083.42218	108805.4355	43784.08618	0.00564	0.00568	0.03121	0.0317	0.63817	0.61364
606550.64	4201703.09	17637.24545	59274.93607	25282.20224	0.00932	0.00928	0.05116	0.05228	0.1712	0.16562
605913.84	4201470.5	5999.12864	63286.06448	45629.00648	0.00444	0.00449	0.02384	0.02416	1.17671	1.10077
605758.95	4201524.04	4607.90049	26774.64158	42705.26602	0.00407	0.00411	0.02159	0.02196	10.36621	7.5477
606279.84	4201522.43	11688.75524	149003.3999	38068.86964	0.00662	0.00664	0.03671	0.03731	0.31771	0.30922
606431.92	4201532.6	17689.25388	151763.5296	34870.44963	0.00801	0.00801	0.04351	0.04431	0.22036	0.21484
606118.24	4201586.99	8885.53194	72118.31807	38275.07575	0.00623	0.00625	0.03577	0.03633	0.56012	0.53862
605502.92	4201612.33	3293.90594	6772.75847	29508.70362	0.00345	0.00349	0.01778	0.01809	0.6348	0.68507
605963.66	4201742.24	4288.14474	21620.50882	26133.1845	0.00415	0.00415	0.02588	0.02645	1.27881	1.19203
605820.86	4201722.13	3856.33352	16116.31706	27720.85429	0.00393	0.00394	0.0234	0.02388	3.80206	3.30911
606330.81	4201577.7	13026.91665	108495.2812	34634.34971	0.00737	0.00737	0.04113	0.04186	0.29204	0.28324
606167.94	4201503.63	9601.17253	151113.8193	41751.23869	0.00598	0.00602	0.03303	0.03355	0.4283	0.41573
606510.05	4201608.27	19197.72162	93366.72224	29627.71765	0.00882	0.00875	0.04775	0.0487	0.19072	0.18521
605567.46	4201442.94	4870.04078	13978.53765	56559.94124	0.00421	0.00424	0.01945	0.01976	0.78933	0.87304
606012.6	4201448.69	8056.999	151822.3997	49434.54623	0.00529	0.00535	0.02757	0.02796	0.66645	0.64216
608268.63	4200763.95	71747.9602	9554.07661	12353.15753	0.20269	0.20535	0.03572	0.03456	0.0203	0.02021
608186.19	4200786.75	99684.30089	10294.30803	13085.48383	0.24131	0.2448	0.0392	0.03779	0.02138	0.02129
605865.78	4201716.1	3977.09459	18483.61421	27835.8329	0.00397	0.00398	0.02399	0.0245	2.4601	2.22253
606553.44	4201490.71	55687.74633	187340.484	36855.94595	0.01129	0.01127	0.0574	0.05847	0.16404	0.16047
606388.41	4201737.51	13952.64196	49114.90644	26530.26512	0.00852	0.00848	0.04926	0.05022	0.25163	0.24177
605652.06	4201496.17	4495.1288	14682.02474	46541.21258	0.00402	0.00406	0.02002	0.02035	1.8879	2.29038
606229.86	4201440.32	14801.71715	358329.6538	47031.29334	0.00709	0.00715	0.03649	0.03702	0.31659	0.31036
606070.25	4201675.21	5855.13971	40228.52548	30682.11279	0.00496	0.00496	0.03042	0.03101	0.75072	0.71319
605915.08	4201442.93	6481.95711	76981.20609	48646.38943	0.00454	0.0046	0.02371	0.02402	1.03427	0.97839
606550.64	4201723.38	17742.99523	55875.24696	24891.1243	0.00968	0.00964	0.05302	0.05422	0.16999	0.1643
605760.53	4201505.91	5045.57785	35736.18899	46888.93953	0.00433	0.00438	0.02251	0.0229	10.14541	7.32523
606289.5	4201742.98	9533.33659	44999.13942	26613.43709	0.00683	0.00678	0.04052	0.04134	0.34242	0.32754
606433.4	4201693.65	16572.44816	61071.31134	27988.40119	0.00911	0.00907	0.05109	0.0521	0.22648	0.21851
606121.87	4201679.23	6593.71957	45150.62247	30413.62269	0.00533	0.00533	0.0325	0.03312	0.61024	0.58199
605503.19	4201494.01	3706.22914	7033.89579	39331.27349	0.00351	0.00355	0.01676	0.01701	0.52643	0.56761
605964.05	4201596.37	6506.21955	44629.13867	39430.73464	0.00529	0.00531	0.03049	0.03103	1.12011	1.0555
605820.86	4201768.39	3375.20441	12733.24664	23882.54294	0.00359	0.0036	0.02196	0.02241	3.5997	3.14885
608241.15	4200870.35	70548.55577	9702.9918	12330.03217	0.18334	0.18618	0.04584	0.04444	0.02137	0.02124
606336.02	4201492.4	14888.90152	202354.0256	39181.08504	0.00721	0.00724	0.03893	0.03957	0.26498	0.25888
606169.34	4201536.16	9718.47201	118849.0033	40299.7637	0.00625	0.00628	0.035	0.03556	0.44671	0.43255
606510.05	4201720.93	17461.69884	56451.06671	25951.28557	0.00973	0.00968	0.05329	0.05449	0.18729	0.18071
605573.79	4201690.78	3063.59229	7266.16542	25601.63508	0.00336	0.00338	0.0184	0.01876	1.00771	1.12207
606018.35	4201631.9	6529.2201	44085.96999	35648.83628	0.0053	0.00532	0.03151	0.0321	0.89953	0.85303
605870.86	4201658.05	4860.86679	25735.25166	33609.07532	0.0045	0.00452	0.02636	0.0269	2.23819	2.03702
606388.82	4201528.24	15232.65352	152468.4479	35613.44222	0.00746	0.00746	0.04086	0.04158	0.24275	0.23663
605652.36	4201436.02	5478.45899	22940.17161	60263.97535	0.00448	0.00452	0.02116	0.0215	1.68445	2.0419
606233.34	4201488.04	11254.42413	184499.7035	41121.22549	0.00628	0.00632	0.0344	0.03493	0.34346	0.33492
606074.67	4201584.98	7970.9501	66319.89377	39000.11292	0.00585	0.00588	0.03381	0.03437	0.66348	0.63574
605915.39	4201747.61	3847.72261	17783.34177	25214.67495	0.00385	0.00386	0.02407	0.02459	1.68076	1.55016
605762.1	4201482.26	5723.12474	54692.24369	52810.37874	0.00469	0.00474	0.02382	0.02422	10.4249	7.18683
606291.38	4201574.55	12384.70511	105891.2118	35860.92833	0.0072	0.00721	0.04034	0.04103	0.32357	0.31366
606441.24	4201580.07	16245.26058	111525.3666	32140.72053	0.00806	0.00803	0.04432	0.04517	0.22195	0.21574
606125.89	4201728.17	5722.26017	34008.94139	26659.42926	0.0049	0.0049	0.03089	0.03151	0.60602	0.57587
605504.84	4201447.88	4484.41015	10765.31027	52319.74852	0.00402	0.00405	0.01829	0.01858	0.55312	0.59496
605972.76	4201645.31	5733.42176	36689.13259	34406.14637	0.00492	0.00494	0.02936	0.02994	1.15355	1.0844
608275.5	4200741.15	70428.11853	9499.74887	12342.88162	0.20572	0.2083	0.03375	0.03266	0.02003	0.01995
605823.31	4201467.62	6112.40036	81240.79803	52864.24674	0.00478	0.00483	0.02441	0.02479	3.01079	2.5698
606336.54	4201438.57	22678.14014	365232.7276	45623.41448	0.00846	0.00852	0.04294	0.04363	0.24329	0.2389
606172.54	4201623.86	9602.05278	64679.42397	34817.91637	0.00655	0.00657	0.03815	0.03877	0.4793	0.46084
606511.8	4201676.15	16604.45639	67721.25027	26830.49699	0.00902	0.00895	0.04883	0.04987	0.18961	0.18344
605579.28	4201648.29	3438.99459	8519.37044	29925.53684	0.00361	0.00364	0.01938	0.01974	1.11891	1.25037
606026	4201688.61	5577.66117	34444.7731	30534.78925	0.00486	0.00487	0.02977	0.03038	0.92	0.86908
605872.48	4201754.31	3595.1621	15223.63122	24640.28597	0.0037	0.00371	0.02295	0.02343	2.25384	2.04806
606396.28	4201577.7	13923.30937	110271.7517	32716.77651	0.00745	0.00744	0.04156	0.04232	0.24722	0.24018
606235.77	4201525.82	10732.14133	140866.5387	39002.53466	0.00642	0.00645	0.03575	0.03633	0.36059	0.35044
605663.57	4201579.82	3620.25642	9933.13187	34196.28846	0.00353	0.00356	0.01906	0.01938	2.43715	3.19403
606077.62	4201831.4	4779.00345	20407.48623	21941.48096	0.00449	0.00448	0.02851	0.0292	0.69537	0.65237
605915.9	4201491.49	5855.36232	59611.72986	44592.69342	0.0045	0.00455	0.02448	0.02484	1.2774	1.1882
605764.55	4201731.52	3661.07298	13356.96758	27068.44128	0.00383	0.00384	0.02249	0.02295	9.20636	7.04557
606444.62	4201444.87	36153.61329	335046.4534	42421.17017	0.01007	0.01011	0.05069	0.05157	0.19467	0.19103
606292.47	4201438.92	18854.39101	363227.2522	46322.81907	0.00786	0.00792	0.0401	0.04072	0.26981	0.26483
606129.64	4201621.18	8603.45602	60779.87889	35605.6541	0.00617	0.00618	0.03619	0.03679	0.55775	0.53516
605506.45	4201709.81	2599.04656	4873.11889	20736.81926	0.00296	0.00298	0.01616	0.01647	0.53053	0.57377
605977.73	4201697.33	4912.9464	28286.53542	29637.74513	0.0045	0.00451	0.02761	0.02819	1.1773	1.10318
605826.19	4201439.64	6339.37863	105741.9575	55402.37357	0.00474	0.00479	0.0237	0.02405	2.49568	2.19111
606339.11	4201680.06	13802.48672	60110.12094	29534.53439	0.00824	0.00822	0.0468	0.04761	0.29142	0.2805
608268.63	4200847.55	67160.47418	9488.35892	12148.20731	0.17874	0.18137	0.0429	0.0416	0.0209	0.02078

606512.15	4201523.95	28482.91655	161649.8163	34810.92789	0.00966	0.00963	0.05062	0.05158	0.18339	0.179
606182.87	4201797.22	6001.24183	28691.45007	23346.78895	0.00514	0.00512	0.03271	0.03343	0.47228	0.44795
605581.34	4201577.78	3446.20395	7812.88516	33104.09308	0.00345	0.00349	0.01801	0.01831	0.96662	1.08678
606028.01	4201804.59	4285.31758	19116.91642	22485.42142	0.00413	0.00413	0.02649	0.0271	0.87796	0.82253
605873.15	4201846.82	3872.85969	13367.18368	21978.03799	0.00403	0.00403	0.02435	0.02491	2.28207	2.04993
606400.2	4201441.37	29883.61596	350888.0744	43788.84143	0.00942	0.00947	0.0475	0.04831	0.21245	0.20856
606249.57	4201574.58	11933.45136	98977.57888	36984.16808	0.00712	0.00713	0.03998	0.04061	0.3626	0.3511
605664.73	4201615.37	3611.84251	10710.47865	32718.46917	0.00364	0.00366	0.01985	0.0202	2.68445	3.45147
606078.96	4201722.8	5250.81657	31115.88774	27016.8209	0.00465	0.00465	0.02934	0.02995	0.73304	0.69447
608268.63	4200809.55	69543.77397	9527.24443	12244.04661	0.1895	0.19215	0.03959	0.03835	0.02065	0.02054
605926.78	4201793.19	3699.01726	15485.88474	22809.75625	0.00378	0.00379	0.02388	0.0244	1.51977	1.40368
605450.08	4201487.89	3606.07445	6404.93911	37718.635	0.00347	0.0035	0.01616	0.0164	0.41026	0.43677
605767.62	4201463.35	6094.83064	77062.5535	56216.94921	0.00483	0.00488	0.02416	0.02456	9.30022	6.41748
606293.82	4201678.82	11758.17113	58735.9382	30193.94232	0.0074	0.00737	0.04307	0.04383	0.33569	0.32263
606447.91	4201503.06	21929.7306	196781.6239	37001.95961	0.00868	0.00868	0.04594	0.04678	0.20732	0.2026
606129.91	4201828.72	5049.29785	21993.39256	21544.44252	0.00457	0.00455	0.02973	0.03044	0.55025	0.51907
605978.4	4201840.12	4267.162	16726.0161	22053.60357	0.00424	0.00424	0.02621	0.02683	1.14302	1.05828
605507.9	4201666.04	2932.38025	5951.33416	24611.98917	0.00322	0.00324	0.0171	0.01742	0.61754	0.66807
605827.96	4201666.77	4626.10247	21399.31005	33085.68307	0.0044	0.00442	0.02551	0.02602	3.27161	2.8942
606346.36	4201775.32	11212.03558	41439.77775	25340.68925	0.00773	0.00768	0.04534	0.04629	0.28201	0.26981
606512.15	4201589.73	20736.87346	103978.4102	30600.4474	0.00896	0.00889	0.04819	0.04913	0.1891	0.18384
606182.87	4201815.32	5794.56331	26346.27452	22397.11359	0.00504	0.00501	0.0323	0.03303	0.46134	0.43713
605585.21	4201494.54	4005.36895	9320.894	42663.93771	0.00368	0.00371	0.01804	0.01832	0.90019	1.00458
606028.68	4201785.15	4386.08472	20726.11712	23459.34808	0.00419	0.00419	0.02678	0.02739	0.89196	0.83683
605875.56	4201623.19	5446.12612	30125.4419	37468.65596	0.00482	0.00485	0.02767	0.02821	2.02202	1.85054
606400.76	4201753.16	14015.14723	46518.77688	25791.62924	0.00864	0.00861	0.05016	0.05117	0.24146	0.23194
606250.49	4201437.52	16411.11131	366111.7214	47370.12219	0.00742	0.00749	0.03795	0.0385	0.29818	0.29257
605666.66	4201657.64	3664.56435	11123.63362	31076.01984	0.00378	0.0038	0.02091	0.02131	3.17061	4.01848
606082.04	4201624.53	7321.14396	54615.98272	35477.66732	0.00562	0.00563	0.03335	0.03394	0.67874	0.64848
605928.13	4201818.67	3911.19123	15600.51261	22603.80056	0.004	0.004	0.02474	0.0253	1.54712	1.42283
605450.59	4201506.27	3426.58745	5756.0061	34550.04769	0.00335	0.00338	0.01592	0.01615	0.39992	0.42555
605767.9	4201752.3	3492.58858	12367.30885	25487.38377	0.00372	0.00373	0.02204	0.0225	8.3951	6.48025
606297.28	4201490.95	13303.64023	197009.3281	39875.1424	0.00682	0.00685	0.03708	0.03767	0.29114	0.28426
606453.07	4201608.46	16297.49012	96450.76833	30767.80342	0.00837	0.00832	0.04583	0.04674	0.21801	0.21149
606130.58	4201805.26	5155.21897	24061.91486	22508.02512	0.00461	0.0046	0.02995	0.03064	0.56383	0.5328
605984.21	4201435.94	7948.65897	140994.1297	51411.1476	0.00522	0.00528	0.02672	0.02709	0.72489	0.69732
605523.95	4201611.73	3352.35138	7264.28765	30349.32728	0.00349	0.00352	0.0181	0.01842	0.7198	0.78222
605829.3	4201579.61	5082.39924	33119.57281	40247.94168	0.00452	0.00456	0.02518	0.02565	3.05814	2.69954
606348.13	4201523.88	13511.52021	151173.9414	36389.61629	0.00701	0.00703	0.03872	0.03937	0.26672	0.25996
606512.5	4201654.8	16885.08105	73018.38044	27410.68721	0.00875	0.00867	0.04771	0.04869	0.18963	0.1837
606186.48	4201435.77	13204.52467	378704.789	48309.71828	0.00671	0.00678	0.03449	0.03497	0.3523	0.34516
605590.11	4201443.35	4882.80933	14683.35874	56038.5037	0.00419	0.00423	0.01952	0.01983	0.91799	1.02813
606029.35	4201731.52	4908.4016	27205.38403	27003.7226	0.00451	0.00451	0.0282	0.02881	0.91819	0.86486
605888.57	4201714.09	4056.91994	19737.09985	27850.68474	0.004	0.00401	0.02438	0.02489	2.05682	1.87886
606400.88	4201682.12	16284.84005	62188.14402	28729.49994	0.00903	0.00903	0.05074	0.05167	0.24528	0.23652
606251.94	4201658.94	10898.99221	61418.01262	31722.96966	0.00704	0.00703	0.04113	0.04184	0.37955	0.36484
605667.86	4201640.21	3623.02033	11052.62906	31667.82609	0.0037	0.00373	0.02042	0.02079	2.99333	3.82715
606083.3	4201427.03	10625.39104	352480.5488	51839.0352	0.00608	0.00614	0.03084	0.03127	0.47242	0.4614
605933.21	4201650.01	5203.61217	32005.43138	33781.41877	0.00465	0.00466	0.02762	0.02818	1.46169	1.3603
605456.65	4201611.13	3187.72242	5873.19747	27722.03822	0.00338	0.00341	0.0171	0.0174	0.49801	0.53105
605767.9	4201771.74	3358.65345	11564.53018	24167.70502	0.00363	0.00364	0.02165	0.02211	8.25958	6.35622
606298.76	4201611.71	13360.92417	82539.04025	33788.11881	0.0077	0.0077	0.04332	0.04403	0.32195	0.31115
606454.65	4201658.94	15995.93019	74126.5574	28934.73038	0.00881	0.00875	0.04812	0.04912	0.21821	0.21096
606133.93	4201786.49	5309.91714	26277.54841	23413.88867	0.00469	0.00468	0.03032	0.03099	0.56754	0.53717
605984.44	4201737.55	4586.22495	23914.73108	26822.23682	0.00434	0.00435	0.02698	0.02758	1.14815	1.07435
605525.44	4201445.41	4715.61961	12174.28196	55250.93199	0.00416	0.00419	0.01899	0.01929	0.61887	0.67059
605830.25	4201806.6	3425.60546	12357.62176	22615.33999	0.00368	0.00368	0.02242	0.02291	3.30489	2.89517
606348.58	4201660.71	14939.85662	65847.91705	30309.69297	0.00854	0.00855	0.04773	0.04853	0.28221	0.2721
606513.2	4201565.24	23167.0081	122004.1138	32049.65289	0.0092	0.00914	0.04898	0.04994	0.18706	0.1822
606186.89	4201842.13	5566.34321	23441.66255	21059.03176	0.00491	0.00488	0.03187	0.03262	0.43551	0.41226
605590.91	4201684.04	3228.74242	8034.20663	27088.41928	0.00349	0.00351	0.01912	0.01949	1.21218	1.36759
606029.75	4201589.67	7268.43129	56756.2804	39171.59584	0.00558	0.00561	0.03233	0.03288	0.8078	0.76987
605889.24	4201803.25	3650.40856	14429.46468	22867.39877	0.00381	0.00381	0.02356	0.02408	1.99887	1.81975
606403.83	4201491.43	19201.59771	217693.2932	38451.75349	0.00813	0.00815	0.04317	0.04393	0.22595	0.22097
606252.92	4201711.54	9124.00585	49274.28748	28355.35879	0.0065	0.00648	0.03885	0.03961	0.38673	0.37012
605676.3	4201482.12	4992.40949	20597.55941	51236.94148	0.00431	0.00435	0.02132	0.02168	2.76897	3.67461
606085.67	4201779.79	4852.20137	24083.4708	23654.62596	0.00443	0.00443	0.0286	0.02924	0.69261	0.65358
605933.49	4201706.71	4357.13827	23205.4333	28424.88841	0.00417	0.00418	0.0256	0.02615	1.51923	1.4092
605459.12	4201443.35	4329.42746	9660.19765	50531.68065	0.00394	0.00397	0.01761	0.01788	0.4455	0.47423
605768.57	4201808.61	3255.06438	10633.61909	22359.82687	0.00358	0.00359	0.02143	0.0219	7.95668	6.17949
606300.16	4201729.9	10184.25059	47979.15732	27336.62803	0.00704	0.007	0.04152	0.04235	0.33193	0.31781
606455.43	4201631.34	15811.65052	85419.19014	29714.03787	0.00847	0.00841	0.04636	0.04729	0.21781	0.21098
606141.04	4201589.67	9379.23595	74179.38233	37685.73704	0.00642	0.00644	0.03677	0.03734	0.51698	0.49775
605986.17	4201587.66	6751.10789	50348.99591	39807.69003	0.00536	0.00539	0.03091	0.03145	0.99224	0.93918
605529.85	4201708.66	2695.284	5447.70483	21857.7945	0.00305	0.00307	0.01673	0.01705	0.64117	0.69871
605842.32	4201838.78	3670.34646	12437.82694	22034.08109	0.00389	0.00389	0.02346	0.024	2.97206	2.62222
606356.48	4201437.17	25309.07646	370145.4273	45272.86962	0.00883	0.00889	0.04455	0.04527	0.23196	0.2278
606516.35	4201548.09	25813.78782	136435.5217	33155.17121	0.00949	0.00944	0.05005	0.05102	0.18432	0.17964
606187.56	4201772.41	6242.97961	32121.33852	24485.71535	0.00524	0.00522	0.03308	0.03377	0.47367	0.45023
605596.96	4201631.32	3505.7679	9031.16428	31305.07378	0.00363	0.00365	0.01944	0.01979	1.27921	1.44521
606037.79	4201634.59	6549.34793	46290.0277	34914.1541	0.00529	0.00531	0.0316	0.03219	0.82975	0.78844
605889.63	4201654.7	4945.04244	27721.84136	33699.02755	0.00453	0.00455	0.02667	0.02721	1.94851	1.78789
606409.52	4201629	15607.4981	84223.27646	31142.18027	0.0084	0.00836	0.04646	0.04737	0.24318	0.2353
606253.2	4201487.56	11880.00361	192730.2027	40831.73997	0.00644	0.00648	0.03518	0.03573	0.32505	0.31711
605679.28	4201449.87	5639.01275	28659.49479	59024.11554	0.00461	0.00465	0.02219	0.02255	2.82984	3.89843
606090.36	4201797.89	4797.67287	22578.02489	22777.14013	0.00441	0.0044	0.02853	0.02919	0.6679	0.62961

608275.5	4200748.75	70384.69387	9499.34432	12325.85704	0.20359	0.20617	0.03437	0.03325	0.0201	0.02002
605935.89	4201593.02	6217.06049	42037.92458	39877.80588	0.00515	0.00517	0.02949	0.03003	1.31191	1.22774
605462.43	4201701.8	2490.2883	4067.24248	19277.18009	0.00284	0.00286	0.01531	0.01559	0.39407	0.42077
606304.54	4201523.88	12232.98812	149390.9043	37362.2873	0.00674	0.00676	0.03736	0.03798	0.29807	0.29024
606456.22	4201751.23	16836.50983	47766.93195	25301.72113	0.00961	0.00957	0.05545	0.05658	0.20721	0.19951
605774.72	4201432.6	6307.92373	124913.9484	59401.02817	0.00479	0.00484	0.0234	0.02377	6.19072	4.78215
606143.99	4201858.89	5400.97353	21547.46245	21113.56163	0.00493	0.0049	0.03106	0.03184	0.51152	0.48174
608268.63	4200855.15	66662.53445	9478.84143	12128.12093	0.17662	0.17924	0.04357	0.04226	0.02095	0.02082
605990.47	4201806.6	4055.11412	17555.29989	22459.80681	0.00401	0.00401	0.02551	0.02609	1.06061	0.98901
605535.44	4201664.55	3093.54599	6853.62642	26323.18149	0.00336	0.00338	0.01794	0.01827	0.76843	0.83973
605846.73	4201613.8	5214.78463	29061.90651	37964.51698	0.00468	0.00471	0.02657	0.02708	2.5719	2.31159
606356.84	4201575.34	13296.52689	112817.1635	33969.03347	0.00739	0.00739	0.04115	0.04189	0.27272	0.26475
606518.78	4201441.37	71349.77485	333330.8184	40771.60934	0.01217	0.01224	0.05821	0.05911	0.16672	0.16362
606194.94	4201745.6	6682.57536	37046.61997	25952.92274	0.00544	0.00542	0.03384	0.03451	0.46864	0.44644
608275.5	4200779.15	69564.18928	9489.79778	12256.12775	0.19501	0.19761	0.03687	0.0357	0.02035	0.02025
605608.24	4201447.88	4875.24867	15148.64238	55000.27646	0.00418	0.00421	0.01966	0.01997	1.06526	1.20922
606042.76	4201830.73	4549.90369	19163.25684	22069.583	0.00437	0.00436	0.02753	0.02819	0.81922	0.76595
605892.86	4201424.83	6719.86786	91351.35308	52222.5308	0.00463	0.00468	0.02348	0.02379	1.10317	1.0466
606409.64	4201527.76	16482.87458	155482.3665	35431.94294	0.00774	0.00774	0.04215	0.04291	0.23105	0.2253
606256.67	4201638.44	11578.07862	68016.57235	32791.89426	0.00724	0.00724	0.04173	0.04242	0.36934	0.35573
605679.91	4201566.03	3721.81831	10750.68362	35375.72165	0.00356	0.00359	0.01919	0.01951	3.23701	4.62777
607825.82	4201238.39	105717.9716	13822.16974	14767.40126	0.16833	0.17572	0.17423	0.168	0.03024	0.0299
606095.72	4201675.21	6201.61864	43046.89854	30658.04014	0.00513	0.00513	0.0314	0.03199	0.67543	0.64308
608268.63	4200817.15	69089.35838	9520.63652	12225.38039	0.18732	0.18998	0.04025	0.03899	0.0207	0.02059
605941.53	4201742.91	4072.82602	19876.64611	25780.09303	0.004	0.00401	0.025	0.02554	1.44317	1.33931
606309.88	4201659.06	13087.29814	64795.24952	30955.37282	0.00782	0.00781	0.04472	0.04548	0.31669	0.305
606459.38	4201686.55	16503.94024	64736.22761	27986.28817	0.00916	0.0091	0.05034	0.05139	0.21428	0.20683
605796.06	4201826.04	3424.49927	11262.90384	22125.04905	0.00372	0.00372	0.02228	0.02279	5.03138	4.18473
606147.07	4201623.19	8996.97609	62068.99185	35221.97357	0.00633	0.00634	0.03703	0.03763	0.52396	0.50317
605993.15	4201787.83	4130.61382	18844.26177	23304.89866	0.00405	0.00404	0.02573	0.02631	1.06047	0.9906
605847.01	4201720.79	3896.6651	17268.72686	27601.19518	0.00393	0.00394	0.02365	0.02415	2.90104	2.58915
606357.23	4201635.59	15073.42938	76591.73419	31648.54533	0.00828	0.00827	0.0464	0.04722	0.27652	0.26712
606541.86	4201446.62	99543.55207	283214.3489	39867.46432	0.0125	0.01257	0.06004	0.06098	0.1605	0.15745
606202.98	4201718.78	7448.83505	43842.38342	27754.93105	0.00578	0.00577	0.03527	0.03596	0.45859	0.43782
606048.12	4201685.26	5539.21496	35785.17248	30112.35429	0.00481	0.00482	0.02964	0.03023	0.83165	0.78766
605893.94	4201834.09	3925.33531	14299.86336	22420.03967	0.00405	0.00405	0.02463	0.0252	1.96195	1.78018
606411.88	4201772.51	14090.94243	43340.05581	24933.58266	0.00879	0.00875	0.05141	0.05245	0.2314	0.22223
606262.4	4201524.85	11280.95387	144915.4396	38387.71301	0.00655	0.00657	0.03637	0.03696	0.33419	0.32504
606099.47	4201581.62	8507.73742	71817.15811	39015.20099	0.00606	0.00609	0.03484	0.0354	0.5984	0.57484
605949.23	4201544.16	5881.11181	54306.07523	41353.58168	0.00475	0.00479	0.02681	0.02726	1.18693	1.11172
606459.53	4201534.54	19970.74609	152476.1002	34547.72271	0.00849	0.00848	0.04567	0.04653	0.20728	0.20213
606312.67	4201570.6	12510.43395	111937.449	35296.5598	0.0072	0.0072	0.04018	0.04088	0.30494	0.29587
606149.35	4201736.88	5956.88948	34509.94103	26191.93074	0.00503	0.00503	0.03171	0.03234	0.55334	0.52623
605998.91	4201636.6	6325.91269	40640.89822	35520.49057	0.00522	0.00524	0.03104	0.03162	0.98949	0.93558
606357.41	4201787.15	11651.50068	39767.24334	24836.83137	0.00795	0.0079	0.04682	0.04777	0.27007	0.25845
606547.14	4201545.99	32924.22231	132995.9084	33073.65845	0.0103	0.01024	0.0534	0.05445	0.17228	0.16796
606207.68	4201693.98	8247.13749	50127.87863	29471.56425	0.00609	0.00608	0.03664	0.03734	0.44889	0.4296
606053.21	4201593.02	7502.80755	59732.59112	38542.70798	0.00568	0.0057	0.03299	0.03355	0.73353	0.70085
606415.59	4201718.16	16122.62654	53445.27406	26970.76626	0.00914	0.00913	0.05233	0.05333	0.23368	0.225
606269.15	4201720.69	9388.93177	48295.48285	27806.43264	0.00665	0.00662	0.03962	0.0404	0.36687	0.35109
606101.76	4201726.82	5443.57565	32236.44824	26723.98922	0.00475	0.00475	0.03002	0.03063	0.6668	0.63265
606461.74	4201579.28	17576.80493	112658.8245	31945.58645	0.00835	0.00832	0.04559	0.04648	0.21143	0.20553
606314.81	4201788.73	9867.48249	38393.81853	24763.87673	0.00723	0.00717	0.0427	0.04361	0.30859	0.29469
606149.76	4201533.71	9355.67999	116979.5798	40832.78267	0.00613	0.00616	0.0343	0.03484	0.47488	0.45941
606361.21	4201490.46	16378.54437	212129.0933	39028.77628	0.00754	0.00757	0.04041	0.04109	0.24889	0.24331
606547.49	4201643.96	20356.21866	76569.02346	27570.93292	0.00937	0.0093	0.05025	0.05128	0.17528	0.17
606208.52	4201434.72	14353.12832	382775.6559	48179.56037	0.00698	0.00705	0.03573	0.03624	0.33074	0.3243
606415.7	4201656.59	15922.42719	72827.20793	29930.81113	0.00868	0.00864	0.0482	0.04914	0.23952	0.23135
606269.29	4201609.25	12664.31064	80280.89668	34313.91327	0.00755	0.00755	0.04245	0.04312	0.3488	0.33689
608275.5	4200756.35	70266.05178	9498.14991	12308.64108	0.20144	0.20403	0.03499	0.03386	0.02016	0.02008
606474	4201459.56	37242.64527	278767.5428	40645.33022	0.0103	0.01033	0.05236	0.05327	0.18675	0.18306
606315.23	4201638.06	13744.87582	72209.0114	31997.58472	0.00796	0.00796	0.04495	0.04571	0.30971	0.29881
608275.5	4200786.75	69243.9115	9485.50151	12238.19804	0.19287	0.19547	0.03751	0.03632	0.0204	0.02031
607756.4	4201533.95	77104.72469	12781.2957	13582.73233	0.07544	0.07836	0.2999	0.29061	0.03101	0.03059
606365.08	4201531.15	13884.70412	144666.2498	35642.3554	0.00714	0.00715	0.03945	0.04012	0.25767	0.25106
606549.59	4201682.79	18158.83969	63632.61317	25896.88429	0.0092	0.00915	0.05031	0.05138	0.17272	0.1672
606417.34	4201441.37	32296.65565	351723.3273	43366.75966	0.00966	0.00971	0.04868	0.04951	0.20498	0.20123
608268.63	4200862.75	66163.5559	9468.82005	12107.64281	0.17452	0.17713	0.04424	0.04292	0.02099	0.02086
608248.02	4200748.75	78063.97645	9733.99057	12579.839	0.21823	0.22105	0.03473	0.03356	0.02038	0.02029
606498.84	4201448.36	52946.79815	310194.892	40755.35533	0.01164	0.0117	0.0564	0.05731	0.17472	0.17138
606549.94	4201527.45	38424.26569	148397.7727	34387.95703	0.01062	0.01058	0.05473	0.05581	0.16957	0.16546
608254.89	4200748.75	75934.16395	9674.60327	12515.5592	0.21443	0.21719	0.03464	0.03349	0.02031	0.02022
608275.5	4200794.35	68889.95915	9480.42712	12219.98071	0.19073	0.19333	0.03814	0.03695	0.02046	0.02036
608275.5	4200763.95	70080.91422	9496.01753	12291.10736	0.1993	0.20189	0.03561	0.03447	0.02023	0.02014
607756.4	4201557.99	73672.66415	12562.71906	13419.14832	0.0707	0.07332	0.30445	0.29491	0.03082	0.0304
608268.63	4200870.35	65665.03369	9458.33222	12086.97573	0.17244	0.17504	0.04491	0.04358	0.02103	0.02091
608275.5	4200824.75	67273.22708	9454.46179	12146.09277	0.18225	0.18484	0.04073	0.03949	0.02067	0.02056
608248.02	4200756.35	77814.15353	9733.51166	12561.76574	0.21582	0.21864	0.03538	0.03419	0.02045	0.02036
608275.5	4200801.95	68510.97874	9474.70312	12201.66452	0.1886	0.1912	0.03879	0.03758	0.02052	0.02041
608254.89	4200756.35	75724.58684	9673.82029	12497.58309	0.21209	0.21485	0.03528	0.03411	0.02037	0.02029
608254.89	4200763.95	75436.55937	9672.47297	12479.6862	0.20975	0.21252	0.03593	0.03474	0.02044	0.02035
608275.5	4200771.55	69845.92507	9493.31636	12273.76436	0.19715	0.19975	0.03624	0.03508	0.02029	0.02019
608275.5	4200832.35	66834.35339	9446.59858	12127.04198	0.18016	0.18274	0.04139	0.04013	0.02072	0.02061
608248.02	4200763.95	77478.06936	9732.46144	12543.78203	0.21341	0.21624	0.03603	0.03483	0.02051	0.02042
608254.89	4200771.55	75080.61973	9670.31749	12461.72594	0.20741	0.21018	0.03658	0.03538	0.0205	0.02041
608254.89	4200779.15	74663.8293	9667.09805	12443.27202	0.20507	0.20784	0.03724	0.03602	0.02057	0.02047

608275.5	4200809.55	68111.35294	9468.34571	12183.21506	0.18647	0.18907	0.03943	0.03821	0.02057	0.02046
608275.5	4200839.95	66385.6079	9438.10845	12107.8476	0.17807	0.18065	0.04204	0.04078	0.02077	0.02066
608254.89	4200786.75	74200.94919	9663.07652	12424.56161	0.20273	0.20551	0.0379	0.03666	0.02063	0.02053
608275.5	4200847.55	65929.52641	9429.00972	12088.34778	0.176	0.17857	0.0427	0.04142	0.02082	0.0207
608254.89	4200794.35	73703.7932	9658.41196	12405.72822	0.2004	0.20318	0.03856	0.03731	0.02068	0.02058
608275.5	4200817.15	67697.41486	9461.5538	12164.65244	0.18435	0.18695	0.04008	0.03885	0.02062	0.02051
607759.93	4201485.86	83706.94129	13154.23077	13864.37634	0.08611	0.0897	0.28518	0.27661	0.03124	0.03082
608248.02	4200771.55	77063.68932	9730.40949	12525.51336	0.21099	0.21383	0.03669	0.03547	0.02058	0.02048
608275.5	4200870.35	64541.85777	9398.90387	12027.79092	0.16986	0.1724	0.04468	0.04338	0.02095	0.02082
608254.89	4200801.95	73179.64244	9653.06719	12386.7669	0.19808	0.20086	0.03923	0.03797	0.02074	0.02064
608254.89	4200809.55	72641.20054	9647.39737	12368.08697	0.19577	0.19855	0.0399	0.03863	0.0208	0.02069
608282.37	4200733.55	68766.36804	9443.10275	12298.1314	0.2043	0.20681	0.03307	0.032	0.0199	0.01982
608275.5	4200855.15	65469.07328	9419.45429	12068.47724	0.17394	0.1765	0.04336	0.04207	0.02086	0.02074
607825.82	4201205.35	110056.4202	13995.42069	15009.02746	0.1857	0.19395	0.16561	0.15926	0.03021	0.02989
608254.89	4200817.15	72084.77821	9641.00329	12349.00699	0.19347	0.19625	0.04058	0.03929	0.02085	0.02075
608282.37	4200741.15	68800.9184	9442.72408	12280.75221	0.20222	0.20474	0.03367	0.03258	0.01997	0.01988
608254.89	4200824.75	71516.47171	9634.00355	12329.60812	0.19119	0.19396	0.04126	0.03996	0.02091	0.0208
608275.5	4200862.75	65006.08722	9409.40313	12048.2215	0.17189	0.17444	0.04402	0.04272	0.02091	0.02078
608282.37	4200748.75	68768.47335	9442.02756	12263.81916	0.20014	0.20267	0.03428	0.03318	0.02003	0.01995
608254.89	4200832.35	70935.96889	9626.18134	12309.69943	0.18891	0.19168	0.04194	0.04062	0.02096	0.02085
608282.37	4200832.35	65576.39295	9387.85863	12067.18286	0.17736	0.1799	0.04121	0.03997	0.02065	0.02053
607825.82	4201172.31	114374.7024	14158.77336	15255.79173	0.20523	0.2144	0.15671	0.15023	0.03015	0.02983
608254.89	4200839.95	70351.44311	9617.79409	12289.73459	0.18665	0.18941	0.04262	0.0413	0.02101	0.02089
608254.89	4200847.55	69765.57845	9608.85575	12269.55399	0.1844	0.18715	0.04331	0.04197	0.02106	0.02094
608282.37	4200756.35	68669.42275	9440.63584	12246.77832	0.19806	0.2006	0.03489	0.03377	0.02009	0.02001
608282.37	4200839.95	65164.62005	9379.39252	12048.30599	0.17534	0.17786	0.04185	0.0406	0.02069	0.02058
608254.89	4200855.15	69179.57134	9599.33225	12248.91594	0.18217	0.18491	0.04399	0.04265	0.02111	0.02099
608282.37	4200763.95	68509.18373	9438.32018	12229.43147	0.19598	0.19852	0.0355	0.03437	0.02015	0.02006
608282.37	4200847.55	64743.56135	9370.24971	12029.02223	0.17332	0.17583	0.0425	0.04124	0.02074	0.02062
608254.89	4200862.75	68599.39519	9589.46253	12228.08139	0.17996	0.18269	0.04468	0.04333	0.02115	0.02103
608282.37	4200771.55	68298.45384	9435.19048	12211.99223	0.19389	0.19644	0.03612	0.03498	0.02021	0.02012
608282.37	4200855.15	64317.0885	9360.65723	12009.36918	0.17131	0.17382	0.04315	0.04188	0.02078	0.02066
608289.24	4200794.35	66080.81128	9364.58316	12098.95131	0.18465	0.18714	0.03787	0.0367	0.02031	0.02021
607825.82	4201188.83	112214.2233	14078.44207	15131.92562	0.19517	0.20388	0.16121	0.15478	0.03019	0.02987
608282.37	4200862.75	63886.85798	9350.58327	11989.33677	0.16932	0.17181	0.0438	0.04253	0.02083	0.0207
608282.37	4200779.15	68050.00912	9431.60128	12194.65292	0.19181	0.19436	0.03675	0.03559	0.02027	0.02018
607825.82	4201221.87	107893.7567	13910.31434	14887.79404	0.17676	0.18457	0.16995	0.16366	0.03023	0.0299
608282.37	4200870.35	63454.10199	9340.07314	11969.13362	0.16734	0.16982	0.04445	0.04317	0.02087	0.02074
608289.24	4200801.95	65770.24324	9358.64065	12081.04247	0.18263	0.18512	0.03849	0.03732	0.02037	0.02026
608282.37	4200786.75	67766.49986	9427.34066	12177.10656	0.18973	0.19228	0.03738	0.03621	0.02033	0.02023
608289.24	4200809.55	65441.18838	9352.16178	12063.08765	0.18062	0.18311	0.03912	0.03793	0.02042	0.02031
608289.24	4200733.55	67238.31862	9387.07089	12236.66709	0.20082	0.20328	0.03299	0.03193	0.01984	0.01976
608254.89	4200870.35	68027.28247	9579.36366	12207.35032	0.17777	0.18049	0.04537	0.04401	0.0212	0.02107
608289.24	4200817.15	65093.53209	9344.93118	12044.63139	0.17861	0.1811	0.03975	0.03855	0.02047	0.02036
608282.37	4200794.35	67451.05074	9422.31531	12159.28966	0.18766	0.1902	0.03801	0.03682	0.02039	0.02029
608255.41	4200731.98	75875.7368	9669.59755	12550.6033	0.21931	0.22205	0.03324	0.03212	0.02015	0.02008
608289.24	4200741.15	67275.3039	9386.39451	12219.3862	0.1988	0.20127	0.03359	0.03251	0.0199	0.01982
608289.24	4200824.75	64733.06795	9337.25631	12025.98937	0.17661	0.1791	0.04039	0.03918	0.02052	0.02041
608296.11	4200756.35	65745.07513	9327.0985	12124.63475	0.19154	0.19397	0.03469	0.0336	0.01995	0.01987
608282.37	4200801.95	67108.4194	9416.4767	12141.17739	0.18558	0.18813	0.03864	0.03745	0.02044	0.02034
608289.24	4200832.35	64368.56478	9329.69387	12007.86035	0.17463	0.17711	0.04103	0.03981	0.02057	0.02045
608255.76	4200725.34	75631.78676	9665.05931	12562.83782	0.22115	0.22387	0.03269	0.03159	0.02009	0.02001
608289.24	4200748.75	67248.57278	9385.23675	12202.34979	0.19678	0.19926	0.03419	0.0331	0.01996	0.01988
608296.11	4200763.95	65622.90333	9324.35747	12107.56844	0.18957	0.19201	0.03529	0.03419	0.02001	0.01992
608289.24	4200839.95	63990.00995	9321.25436	11989.29294	0.17266	0.17513	0.04166	0.04043	0.02061	0.0205
608261.76	4200741.15	74048.73817	9616.28712	12469.8813	0.21301	0.2157	0.03392	0.0328	0.02017	0.02009
608296.11	4200771.55	65460.86618	9321.0897	12090.71711	0.18761	0.19004	0.0359	0.03478	0.02007	0.01998
608282.37	4200809.55	66744.49017	9409.92988	12122.83253	0.18351	0.18605	0.03928	0.03807	0.02049	0.02039
608289.24	4200756.35	67163.01147	9383.47253	12185.28621	0.19476	0.19724	0.03479	0.03369	0.02002	0.01994
608296.11	4200779.15	65259.65973	9316.9288	12073.46546	0.18564	0.18807	0.0365	0.03538	0.02013	0.02003
608289.24	4200847.55	63601.46152	9312.15362	11970.32099	0.17069	0.17316	0.0423	0.04106	0.02066	0.02054
608248.02	4200870.35	69268.06398	9640.90475	12268.4655	0.18052	0.1833	0.0456	0.04422	0.02128	0.02116
608296.11	4200786.75	65028.45841	9312.23253	12056.09044	0.18367	0.18611	0.03712	0.03598	0.02018	0.02009
608282.37	4200817.15	66366.35532	9402.95744	12104.3731	0.18145	0.18399	0.03992	0.0387	0.02055	0.02044
608289.24	4200763.95	67026.79882	9381.16006	12168.32413	0.19274	0.19523	0.0354	0.03428	0.02008	0.01999
608248.02	4200779.15	76583.97593	9727.27865	12506.74281	0.20858	0.21142	0.03736	0.03612	0.02064	0.02054
608289.24	4200855.15	63204.8127	9302.44336	11950.78364	0.16874	0.17119	0.04294	0.0417	0.0207	0.02058
608296.11	4200794.35	64773.19793	9307.1439	12038.8617	0.18171	0.18415	0.03773	0.03658	0.02024	0.02014
608296.11	4200862.75	61758.15039	9234.77797	11873.23195	0.16433	0.16672	0.04337	0.04213	0.02067	0.02054
608296.11	4200870.35	61380.477	9224.24828	11853.47764	0.16245	0.16483	0.04401	0.04276	0.02071	0.02058
608282.37	4200824.75	65974.12693	9395.44062	12085.62391	0.1794	0.18194	0.04056	0.03933	0.0206	0.02048
608248.07	4200730.93	78185.76283	9732.28118	12622.27993	0.22387	0.22667	0.03323	0.0321	0.02022	0.02014
608296.11	4200801.95	64491.99849	9301.18365	12021.25042	0.17974	0.18218	0.03835	0.03719	0.02029	0.02019
608289.24	4200771.55	66840.95498	9377.87356	12151.08159	0.19071	0.1932	0.03601	0.03488	0.02014	0.02005
608289.24	4200862.75	62804.41885	9292.35001	11930.97844	0.16679	0.16924	0.04359	0.04233	0.02075	0.02062
608248.02	4200786.75	76056.09245	9723.3231	12487.73117	0.20618	0.20902	0.03803	0.03678	0.0207	0.0206
608302.98	4200733.55	64431.9006	9275.89636	12114.72796	0.19411	0.19647	0.03284	0.0318	0.0197	0.01962
608296.11	4200809.55	64192.75323	9294.69519	12003.58258	0.17779	0.18022	0.03897	0.0378	0.02034	0.02024
608302.98	4200741.15	64479.74504	9275.2537	12098.31023	0.19221	0.19458	0.03342	0.03237	0.01977	0.01968
608289.24	4200779.15	66617.14779	9373.95147	12133.73807	0.18869	0.19118	0.03662	0.03548	0.0202	0.02011
608248.42	4200723.59	77890.02138	9727.33295	12636.54902	0.22599	0.22877	0.03262	0.03151	0.02014	0.02007
608289.24	4200870.35	62400.41817	9281.82957	11910.99949	0.16487	0.1673	0.04423	0.04296	0.02079	0.02066
608248.02	4200794.35	75497.33769	9718.88971	12468.79082	0.20378	0.20662	0.0387	0.03743	0.02076	0.02066
608302.98	4200748.75	64469.96407	9273.80375	12081.73932	0.19031	0.19268	0.034	0.03294	0.01983	0.01974
608296.11	4200817.15	63876.2471	9287.54872	11985.52246	0.17584	0.17827	0.03959	0.03841	0.02039	0.02028
608289.24	4200786.75	66361.58271	9369.46769	12116.27741	0.18666	0.18916	0.03724	0.03609	0.02026	0.02016

608302.98	4200756.35	64405.63674	9271.41182	12064.72457	0.1884	0.19078	0.03459	0.03351	0.01989	0.0198
608296.11	4200733.55	65796.62669	9331.36512	12175.56459	0.19743	0.19983	0.03292	0.03187	0.01977	0.01969
608254.89	4200741.15	76051.99274	9674.90155	12533.76704	0.21678	0.21953	0.034	0.03287	0.02024	0.02016
608302.98	4200824.75	62405.6557	9223.00277	11908.79536	0.17123	0.17361	0.04005	0.03887	0.02037	0.02025
608296.11	4200824.75	63545.08755	9279.8082	11967.08077	0.17389	0.17632	0.04022	0.03902	0.02044	0.02033
608248.02	4200801.95	74914.864	9713.95736	12449.91112	0.20139	0.20423	0.03938	0.0381	0.02082	0.02072
608302.98	4200763.95	64295.34466	9268.25382	12047.55334	0.18648	0.18886	0.03518	0.03409	0.01994	0.01985
608302.98	4200832.35	62089.83971	9214.80991	11890.49953	0.16935	0.17172	0.04067	0.03948	0.02041	0.0203
608296.11	4200741.15	65839.15648	9330.65876	12158.67324	0.19547	0.19789	0.0335	0.03244	0.01983	0.01975
608302.98	4200771.55	64151.50447	9264.83184	12030.89431	0.18457	0.18696	0.03578	0.03468	0.02	0.01991
608296.11	4200832.35	63207.22768	9272.01242	11948.96693	0.17196	0.17439	0.04085	0.03964	0.02049	0.02038
608302.98	4200779.15	63972.08884	9260.6114	12013.92473	0.18266	0.18504	0.03638	0.03527	0.02006	0.01996
608296.11	4200748.75	65818.30633	9329.13449	12141.62548	0.19351	0.19593	0.03409	0.03302	0.01989	0.01981
608296.11	4200839.95	62858.40744	9263.60093	11930.70254	0.17004	0.17246	0.04148	0.04026	0.02054	0.02042
608302.98	4200786.75	63762.18898	9255.7116	11996.63805	0.18074	0.18313	0.03699	0.03586	0.02011	0.02001
608296.11	4200847.55	62499.21116	9254.54912	11912.03519	0.16813	0.17054	0.04211	0.04089	0.02058	0.02046
608302.98	4200839.95	61766.82404	9206.34326	11872.43583	0.16747	0.16984	0.04129	0.04009	0.02046	0.02034
608248.02	4200839.95	71782.7679	9678.89537	12351.47206	0.18964	0.19246	0.04282	0.04147	0.02109	0.02097
608302.98	4200847.55	61434.18675	9197.34042	11854.06693	0.16561	0.16797	0.04191	0.04071	0.0205	0.02038
608302.98	4200794.35	63527.12014	9250.25108	11979.3091	0.17883	0.18122	0.03759	0.03646	0.02017	0.02006
608248.02	4200809.55	74313.54242	9708.40852	12431.0098	0.19902	0.20186	0.04006	0.03877	0.02088	0.02077
608296.11	4200855.15	62131.41151	9244.88861	11892.8081	0.16622	0.16862	0.04274	0.04151	0.02062	0.0205
608302.98	4200801.95	63269.54616	9244.10465	11961.79405	0.17692	0.17931	0.0382	0.03706	0.02022	0.02011
608248.02	4200847.55	71142.57717	9669.93162	12330.96079	0.18733	0.19014	0.04351	0.04216	0.02114	0.02102
608248.02	4200817.15	73693.31097	9702.03578	12411.61743	0.19666	0.19949	0.04074	0.03944	0.02093	0.02082
608302.98	4200809.55	62997.75987	9237.69409	11944.50713	0.17502	0.1774	0.03882	0.03766	0.02027	0.02016
608248.02	4200855.15	70509.28278	9660.62788	12310.29499	0.18504	0.18784	0.04421	0.04284	0.02119	0.02107
608248.02	4200824.75	73061.45304	9694.94784	12391.79764	0.1943	0.19714	0.04143	0.04011	0.02099	0.02088
608302.98	4200855.15	61093.39438	9187.81716	11835.2465	0.16376	0.16611	0.04254	0.04132	0.02054	0.02042
608302.98	4200817.15	62708.96819	9230.63656	11926.84152	0.17312	0.1755	0.03943	0.03826	0.02032	0.02021
608302.98	4200862.75	60744.86967	9177.69157	11815.8934	0.16191	0.16425	0.04316	0.04194	0.02059	0.02046
608248.02	4200862.75	69884.56999	9650.96944	12289.42751	0.18277	0.18556	0.04491	0.04353	0.02124	0.02111
608248.02	4200832.35	72422.87806	9687.20866	12371.67019	0.19196	0.19479	0.04212	0.04079	0.02104	0.02093
608302.98	4200870.35	60391.30704	9167.15547	11796.3607	0.16008	0.16241	0.04378	0.04256	0.02063	0.0205

CONCUNIT ug/m^3
DEPUNIT g/m^2

Ranch EIR Residential Project Construction Parameters

Construction Phase

Phase Name	Phase Type	Start Date	End Date	lum Days Wee	Total Num Construction Days
PHASE 1	Date: 12/12/2019 3:02 PM				
Demolition	Demolition	6/21/2021	7/2/2021	5	10
Site Preparation	Site Preparation	7/3/2021	7/30/2021	5	20
Grading	Grading	7/31/2021	10/13/2021	5	53
Building Construction	Building Construction	10/14/2021	10/20/2023	5	527
Architectural Coating	Architectural Coating	9/1/2023	10/23/2023	5	37
Paving	Paving	10/21/2023	12/12/2023	5	37
PHASE 2	Date: 12/12/2019 11:08 AM				
Site Preparation	Site Preparation	3/19/2024	4/16/2024	5	21
Grading	Grading	4/17/2024	7/5/2024	5	58
Building Construction	Building Construction	7/6/2024	10/7/2026	5	588
Architectural Coating	Architectural Coating	8/13/2026	10/7/2026	5	40
Paving	Paving	10/8/2026	12/2/2026	5	40
PHASE 3	Date: 12/12/2019 11:18 AM				
Site Preparation	Site Preparation	3/22/2027	4/21/2027	5	23
Grading	Grading	4/22/2027	7/13/2027	5	59
Building Construction	Building Construction	7/14/2027	10/15/2029	5	589
Architectural Coating	Architectural Coating	8/17/2029	10/15/2029	5	42
Paving	Paving	10/16/2029	12/12/2029	5	42

OffRoad Equipment

PHASE 1	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8	81	0.73
Demolition	Excavators	3	8	158	0.38
Demolition	Rubber Tired Dozers	2	8	247	0.4
Site Preparation	Rubber Tired Dozers	3	8	247	0.4
Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37
Grading	Excavators	2	8	158	0.38
Grading	Graders	1	8	187	0.41
Grading	Rubber Tired Dozers	1	8	247	0.4
Grading	Scrapers	2	8	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8	97	0.37
Building Construction	Cranes	1	8	231	0.29
Building Construction	Forklifts	3	8	89	0.2
Building Construction	Generator Sets	1	8	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8	97	0.37
Building Construction	Welders	1	8	46	0.45
Architectural Coating	Air Compressors	1	8	78	0.48
Paving	Pavers	2	8	130	0.42
Paving	Paving Equipment	2	8	132	0.36
Paving	Rollers	2	8	80	0.38
PHASE 2					
Site Preparation	Rubber Tired Dozers	3	8	247	0.4
Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37
Grading	Excavators	2	8	158	0.38
Grading	Graders	1	8	187	0.41
Grading	Rubber Tired Dozers	1	8	247	0.4
Grading	Scrapers	2	8	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8	97	0.37
Building Construction	Cranes	1	8	231	0.29
Building Construction	Forklifts	3	8	89	0.2
Building Construction	Generator Sets	1	8	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8	97	0.37
Building Construction	Welders	1	8	46	0.45
Architectural Coating	Air Compressors	1	8	78	0.48
Paving	Pavers	2	8	130	0.42
Paving	Paving Equipment	2	8	132	0.36
Paving	Rollers	2	8	80	0.38
PHASE 3					
Site Preparation	Rubber Tired Dozers	3	8	247	0.4
Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37
Grading	Excavators	2	8	158	0.38
Grading	Graders	1	8	187	0.41
Grading	Rubber Tired Dozers	1	8	247	0.4
Grading	Scrapers	2	8	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8	97	0.37
Building Construction	Cranes	1	8	231	0.29
Building Construction	Forklifts	3	8	89	0.2
Building Construction	Generator Sets	1	8	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8	97	0.37
Building Construction	Welders	1	8	46	0.45
Architectural Coating	Air Compressors	1	8	78	0.48
Paving	Pavers	2	8	130	0.42
Paving	Paving Equipment	2	8	132	0.36
Paving	Rollers	2	8	80	0.38

Trips and VMT

Phase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number
PHASE 1			
Demolition	15	0	16
Site Preparation	18	0	0
Grading	20	0	0
Building Construction	606	225	0
Architectural Coating	121	0	0
Paving	15	0	0
PHASE 2			
Site Preparation	18	0	0
Grading	20	0	0
Building Construction	466	175	0
Architectural Coating	93	0	0
Paving	15	0	0
PHASE 3			
Site Preparation	18	0	0
Grading	20	0	0
Building Construction	578	207	0
Architectural Coating	116	0	0
Paving	15	0	0


HRA1_PMTotalUnMit


HRA1_DPM
MIR Run 2_AERMOD
MIR Run 3_AERMOD


HRA1_PMTotalMit

Updated for 3623.0007 The Ranch Residential Project
Construction-UMITIGATED

		$PM_{2.5}$ (Fugitive)	$PM_{2.5}$ (Exhaust)	$PM_{2.5}$ (Total)
2021	on site demolition	0.00	0.01	0.01
2021	off site demolition	0.00	0.00	0.00
2021	Demolition	0.00	0.01	0.01
2021	on site preparation	0.04	0.02	0.06
2021	off site preparation	0.00	0.00	0.00
2021	Site Preparation	0.05	0.02	0.06
2021	on site grading	0.04	0.05	0.09
2021	off site grading	0.00	0.00	0.00
2021	Grading	0.04	0.05	0.09
2021	on site building construction		0.03	0.03
2021	off site building construction	0.05	0.00	0.05
2021	Building Construction	0.05	0.03	0.08
2022	on site building construction		0.11	0.11
2022	off site building construction	0.22	0.01	0.23
2022	Building Construction	0.22	0.11	0.34
2023	on site building construction		0.07	0.07
2023	off site building construction	0.18	0.00	0.18
2023	Building Construction	0.18	0.08	0.26
2023	on site architectural coating		0.00	0.00
2023	off site architectural coating	0.00	0.00	0.00
2023	Architectural Coating	0.00	0.00	0.01
2023	on site paving		0.01	0.01
2023	off site paving	0.00	0.00	0.00
2023	Paving	0.00	0.01	0.01
2024	on site preparation	0.05	0.01	0.06
2024	off site preparation	0.00	0.00	0.00
2024	Site Preparation	0.05	0.01	0.06
2024	on site grading	0.05	0.04	0.08
2024	off site grading	0.00	0.00	0.00
2024	Grading	0.05	0.04	0.08
2024	on site building construction		0.04	0.04
2024	off site building construction	0.08	0.00	0.09
2024	Building Construction	0.08	0.04	0.13
2025	on site building construction		0.07	0.07
2025	off site building construction	0.17	0.00	0.18
2025	Building Construction	0.17	0.07	0.25
2026	on site building construction		0.05	0.05
2026	off site building construction	0.13	0.00	0.13
2026	Building Construction	0.13	0.06	0.19
2026	on site architectural coating		0.00	0.00
2026	off site architectural coating	0.00	0.00	0.00
2026	Architectural Coating	0.00	0.00	0.01
2026	on site paving		0.01	0.01
2026	off site paving	0.00	0.00	0.00
2026	Paving	0.00	0.01	0.01
2027	on site preparation	0.05	0.01	0.06
2027	off site preparation	0.00	0.00	0.00
2027	Site Preparation	0.05	0.01	0.06
2027	on site grading	0.05	0.03	0.08
2027	off site grading	0.00	0.00	0.00
2027	Grading	0.05	0.03	0.08
2027	on site building construction		0.03	0.03
2027	off site building construction	0.10	0.00	0.10
2027	Building Construction	0.10	0.04	0.13
2028	on site building construction		0.07	0.07
2028	off site building construction	0.21	0.00	0.21
2028	Building Construction	0.21	0.07	0.28
2029	on site building construction		0.05	0.05
2029	off site building construction	0.17	0.00	0.17
2029	Building Construction	0.17	0.06	0.22
2029	on site architectural coating		0.00	0.00
2029	off site architectural coating	0.01	0.00	0.01
2029	Architectural Coating	0.01	0.00	0.01
2029	on site paving		0.01	0.01
2029	off site paving	0.00	0.00	0.00
2029	Paving	0.00	0.01	0.01
	Total	**1.61**	**0.76**	**2.37**
	Am 30 years			

DATE: 12.16.19
Construction-MITIGATED Tier 4 Final

		$PM_{2.5}$ (Fugitive)	$PM_{2.5}$ (Exhaust)
2021	on site demolition	0.00	0.00
2021	off site demolition	0.00	0.00
2021	Demolition	0.00	0.00
2021	on site preparation	0.04	0.00
2021	off site preparation	0.00	0.00
2021	Site Preparation	0.05	0.00
2021	on site grading	0.04	0.00
2021	off site grading	0.00	0.00
2021	Grading	0.04	0.00
2021	on site building construction		0.00
2021	off site building construction	0.05	0.00
2021	Building Construction	0.05	0.00
2022	on site building construction		0.01
2022	off site building construction	0.22	0.01
2022	Building Construction	0.22	0.01
2023	on site building construction		0.00
2023	off site building construction	0.18	0.00
2023	Building Construction	0.18	0.01
2023	on site architectural coating		0.00
2023	off site architectural coating	0.00	0.00
2023	Architectural Coating	0.00	0.00
2023	on site paving		0.00
2023	off site paving	0.00	0.00
2023	Paving	0.00	0.00
2024	on site preparation	0.05	0.00
2024	off site preparation	0.00	0.00
2024	Site Preparation	0.05	0.00
2024	on site grading	0.05	0.00
2024	off site grading	0.00	0.00
2024	Grading	0.05	0.00
2024	on site building construction		0.00
2024	off site building construction	0.08	0.00
2024	Building Construction	0.08	0.01
2025	on site building construction		0.01
2025	off site building construction	0.17	0.00
2025	Building Construction	0.17	0.01
2026	on site building construction		0.00
2026	off site building construction	0.13	0.00
2026	Building Construction	0.13	0.01
2026	on site architectural coating		0.00
2026	off site architectural coating	0.00	0.00
2026	Architectural Coating	0.00	0.00
2026	on site paving		0.00
2026	off site paving	0.00	0.00
2026	Paving	0.00	0.00
2027	on site preparation	0.05	0.00
2027	off site preparation	0.00	0.00
2027	Site Preparation	0.05	0.00
2027	on site grading	0.05	0.00
2027	off site grading	0.00	0.00
2027	Grading	0.05	0.00
2027	on site building construction		0.00
2027	off site building construction	0.10	0.00
2027	Building Construction	0.10	0.01
2028	on site building construction		0.01
2028	off site building construction	0.21	0.00
2028	Building Construction	0.21	0.01
2029	on site building construction		0.00
2029	off site building construction	0.17	0.00
2029	Building Construction	0.17	0.01
2029	on site architectural coating		0.00
2029	off site architectural coating	0.01	0.00
2029	Architectural Coating	0.01	0.00
2029	on site paving		0.00
2029	off site paving	0.00	0.00
2029	Paving	0.00	0.00
	Total	**1.61**	**0.09**
	Am 30 years		

By Year From Above		$PM_{2.5}$ (Fugitive)	$PM_{2.5}$ (Exhaust)	$PM_{2.5}$ (Total)
	2021	0.14	0.10	0.24
	2022	0.22	0.11	0.34
	2023	0.18	0.09	0.27
	2024	0.18	0.09	0.27
	2025	0.17	0.07	0.25
	2026	0.14	0.07	0.20
	2027	0.20	0.08	0.28
	2028	0.21	0.07	0.28
	2029	0.17	0.07	0.24
Total		**1.61**	**0.76**	**2.37**
By Year From CalEEMod Summary				
	2021	0.14	0.10	0.24
	2022	0.22	0.11	0.34
	2023	0.18	0.09	0.27
	2024	0.18	0.09	0.27
	2025	0.17	0.07	0.25
	2026	0.14	0.07	0.20
	2027	0.20	0.08	0.28
	2028	0.21	0.07	0.28
	2029	0.17	0.07	0.24
Total		**1.61**	**0.76**	**2.37**

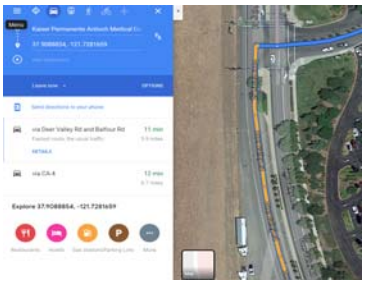
By Year From Above		$PM_{2.5}$ (Fugitive)	$PM_{2.5}$ (Exhaust)
	2021	0.14	0.01
	2022	0.22	0.01
	2023	0.18	0.01
	2024	0.18	0.01
	2025	0.17	0.01
	2026	0.14	0.01
	2027	0.20	0.01
	2028	0.21	0.01
	2029	0.17	0.01
Total		**1.61**	**0.09**
By Year From CalEEMod Summary			
	2021	0.14	0.01
	2022	0.22	0.02
	2023	0.18	0.01
	2024	0.18	0.01
	2025	0.17	0.01
	2026	0.14	0.01
	2027	0.20	0.01
	2028	0.21	0.01
	2029	0.17	0.01
Total		**1.61**	**0.09**

$PM_{2.5}$ (Total)
0.00
0.00
0.00
0.05
0.00
0.05
0.05
0.00
0.05
0.00
0.05
0.05
0.01
0.23
0.24
0.00
0.18
0.19
0.00
0.00
0.00
0.00
0.00
0.00
0.05
0.00
0.05
0.05
0.00
0.05
0.00
0.09
0.09
0.01
0.18
0.18
0.00
0.13
0.14
0.00
0.00
0.00
0.00
0.00
0.00
0.05
0.00
0.05
0.05
0.00
0.05
0.00
0.10
0.10
0.01
0.21
0.22
0.00
0.17
0.17
0.00
0.01
0.01
0.00
0.00
0.00
1.70

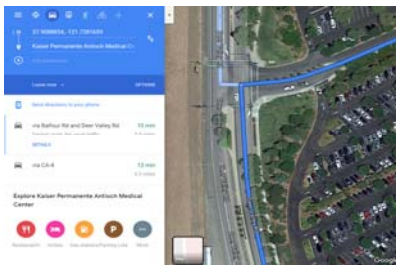
$PM_{2.5}$ (Total)
0.15
0.24
0.19
0.19
0.18
0.14
0.21
0.22
0.18
1.70
0.15
0.24
0.19
0.19
0.18
0.14
0.21
0.22
0.18
1.70

Ranch EIR Residential Project Construction Parameters

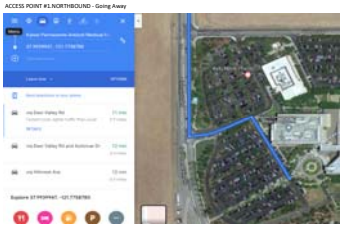
ACCESS POINT #1. SOUTH BOUND - Going Away



ACCESS POINT #1.SOUTH BOUND -Coming to site



ACCESS POINT #1.NORTHBOUND - Going Away

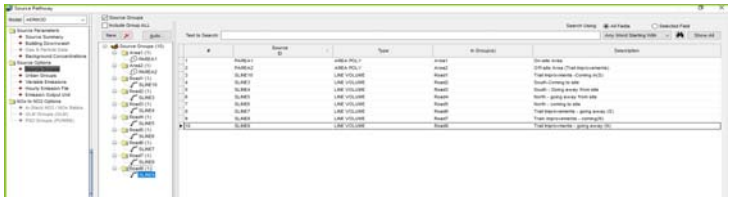


ACCESS POINT #1.NORTHBOUND - Coming to site

ACCESS POINT #2

The red lines are 1300 nfeet distance markers. Stopping at the next major intersection after 1300 feet.

Source ID	Description		Acres check		
1 PAREA1	Phase 1	583,150 sqm	143.8	583958.6	NOTE: Trip distribution for all on-site area roads and trail improvement roads is equal because the road has been traced(accounted for) twice whenever there is
2 PAREA2	Phase 2	277,645 sqm	73	295431	
3 PAREA2	Phase 3	539,359 sqm	135	546345	
			miles	Trip distribution	
4 SLINE1	ACCESS POINT #1. SOUTH BOUND - Going Away	1072 m	0.67	%	
5 SLINE2	ACCESS POINT #1.SOUTH BOUND -Coming to site	1086 m	0.67	%	
6 SLINE3	ACCESS POINT #1.NORTHBOUND - Going Away	1738.5 m	1.08	%	
7 SLINE4	ACCESS POINT #1.NORTHBOUND - Coming to site	1711.5 m	1.08	%	
8 SLINE5	ACCESS POINT #2. Going Away	627.1 m	0.39	%	
9 SLINE6	ACCESS POINT #2. Coming to site	625.9 m	0.39	%	Checking adding acres



Ranch EIR Residential Project Construction Parameters

PHASE 1

Estimation of Annual Onsite Construction Emissions (Phase 1)

Start of Construction	6/21/2021	1/1/2022	1/1/2023	
End of Construction	12/31/2021	12/31/2022	12/12/2023	**Total**
Number of Days	193	364	345	902
Number of Hours	4,632	8,736	8,280	21,648
Number of Construction Days	140	260	247	647
Number of Construction Hours (8 hours/day)	1,120	2,080	1,976	5,176

Size of the construction area source (Phase 1): 583,150 sq-meters

Year	On-site Construction Activity	Unmitigated Onsite DPM (tons)	Unmitigated Onsite PM2.5 (tons)
2021	on demo	0.00721	0.00733
2021	on site prep	0.00001	0.0635
2021	on grading	0.00722	0.0914
2021	on bc	0.0188	0.0274
2022	on bc	0.00001	0.1056
2023	on bc	0.01881	0.0738
2023	on arc	0.0484	0.00175
2023	on pav	0.00003	0.00868

Year	On-site Construction Activity	Mitigated Onsite DPM (tons)	Mitigated Onsite PM2.5 (tons)
2021	on demo	0.00031	0.00043
2021	on site prep	0.00062	0.0453
2021	on grading	0.00269	0.0457
2021	on bc	0.00125	0.00125
2022	on bc	0.0057	0.0057
2023	on bc	0.00461	0.00461
2023	on arc	0.0001	0.0001
2023	on pav	0.00069	0.00069

Total Unmitigated DPM (On-site) 1.005E-01 tons

Average Emission
9.124E+04 grams
4.897E-03 grams/sec
0.000E+00 grams/m2-sec

Total Mitigated DPM (On-site) 1.597E-02 tons

Average Emission
1.450E+04 grams
7.782E-04 grams/sec
0.000E+00 grams/m2-sec

Total Unmitigated PM2.5 (On-site) 3.795E-01 tons

Average Emission
3.445E+05 grams
1.849E-02 grams/sec
0.000E+00 grams/m2-sec

Total Mitigated PM2.5 (On-site) 1.038E-01 tons

Average Emission
9.423E+04 grams
5.057E-03 grams/sec
0.000E+00 grams/m2-sec

Ranch EIR Residential Project Construction Parameters

PHASE 2

Estimation of Annual Onsite Construction Emissions (Phase 2)

Start of Construction	3/19/2024	1/1/2025	1/1/2026	
End of Construction	12/31/2024	12/31/2025	12/2/2026	**Total**
Number of Days	287	364	335	986
Number of Hours	6,888	8,736	8,040	23,664
Number of Construction Days	206	261	240	707
Number of Construction Hours (8 hours/day)	1,648	2,088	1,920	5,656

Size of the construction area source (Phase 2): **277,645 sq-meters**

Year	On-site Construction Activity	Unmitigated Onsite DPM (tons)	Unmitigated Onsite PM2.5 (tons)
2024	on site prep	0.0119	0.0588
2024	on grading	0.0356	0.0807
2024	on bc	0.0392	0.0392
2025	on bc	0.0692	0.0692
2026	on bc	0.053	0.053
2026	on arc	0.00137	0.00137
2026	on pav	0.0077	0.0077

Total Unmitigated DPM (On-site) 2.180E-01 tons

Average Emission
1.979E+05 grams
9.720E-03 grams/sec
3.501E-08 grams/m2-sec

Total Unmitigated PM2.5 (On-site) 3.100E-01 tons

Average Emission
2.815E+05 grams
1.382E-02 grams/sec
4.979E-08 grams/m2-sec

Year	On-site Construction Activity	Mitigated Onsite DPM (tons)	Mitigated Onsite PM2.5 (tons)
2024	on site prep	0.00065	0.0476
2024	on grading	0.00294	0.048
2024	on bc	0.00279	0.00279
2025	on bc	0.00572	0.00572
2026	on bc	0.00439	0.00439
2026	on arc	0.00011	0.00011
2026	on pav	0.00075	0.00075

Total Mitigated DPM (On-site) 1.735E-02 tons

Average Emission
1.575E+04 grams
7.737E-04 grams/sec
2.787E-09 grams/m2-sec

Total Mitigated PM2.5 (On-site) 1.094E-01 tons

Average Emission
9.930E+04 grams
4.877E-03 grams/sec
1.756E-08 grams/m2-sec

Ranch EIR Residential Project Construction Parameters

PHASE 3

Estimation of Annual Onsite Construction Emissions (Phase3)

Start of Construction	3/22/2027	1/1/2028	1/1/2029	
End of Construction	12/31/2027	12/31/2028	12/12/2029	**Total**
Number of Days	284	365	345	994
Number of Hours	6,816	8,760	8,280	23,856
Number of Construction Days	205	260	248	713
Number of Construction Hours (8 hours/day)	1,640	2,080	1,984	5,704

Size of the construction area source (Phase 3): 539,359 sq-meters

Year	**On-site Construction Activity**	**Unmitigated Onsite DPM (tons)**	**Unmitigated Onsite PM2.5 (tons)**
2027	on site prep	0.0115	0.0629
2027	on grading	0.0307	0.0781
2027	on bc	0.0326	0.0326
2028	on bc	0.069	0.069
2029	on bc	0.0546	0.0546
2029	on arc	0.00144	0.00144
2029	on pav	0.00809	0.00809

Total Unmitigated DPM (On-site) 2.079E-01 tons

Average Emission
1.888E+05 grams
9.194E-03 grams/sec
1.705E-08 grams/m2-sec

Total Unmitigated PM2.5 (On-site) 3.067E-01 tons

Average Emission
2.785E+05 grams
1.356E-02 grams/sec
2.515E-08 grams/m2-sec

Year	**On-site Construction Activity**	**Mitigated Onsite DPM (tons)**	**Mitigated Onsite PM2.5 (tons)**
2027	on site prep	0.00071	0.0521
2027	on grading	0.0027	0.0027
2027	on bc	0.0027	0.0027
2028	on bc	0.0057	0.0057
2029	on bc	0.00452	0.00452
2029	on arc	0.00011	0.00011
2029	on pav	0.00079	0.00079

Total Mitigated DPM (On-site) 1.723E-02 tons

Average Emission
1.564E+04 grams
7.619E-04 grams/sec
1.413E-09 grams/m2-sec

Total Mitigated PM2.5 (On-site) 6.862E-02 tons

Average Emission
6.231E+04 grams
3.034E-03 grams/sec
5.626E-09 grams/m2-sec

City of Antioch - The Ranch Residential Project

Project Site | **Phase 1**

Estimation of Annual Offsite Construction DPM Emissions (No Mitigation)

Start of Construction	6/21/2021	1/1/2022	1/1/2023		
End of Construction	12/31/2021	12/31/2022	12/12/2023		**Total**
Number of Days	193	364	345		902
Number of Hours	4,632	8,736	8,280		21,648
Number of Construction Days	140	260	247		647
Number of Construction Hours (8 hours/day)	1,120	2,080	1,976		5,176

		Phase 1 2021	Phase 1 2021	Phase 1 2021	Phase 1 2021	Phase 1 2022	Phase 1 2023	Phase 1 2023	Phase 1 2023
	Construction Trip Type	Demolition	Site Preparation	Grading	Building Construction	Building Construction	Building Construction	Architectural Coating	Paving
PM2.5 Fugitive Dust	Haul Truck	0.00004	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PM2.5 Fugitive Dust	Vendor Truck	0.00000	0.00000	0.00000	0.01220	0.05560	0.04490	0.00000	0.00000
PM2.5 Fugitive Dust	Worker	0.00016	0.00038	0.00112	0.03640	0.16620	0.13420	0.00472	0.00059
PM2.5 Fugitive Dust	Total	0.00020	0.00038	0.00112	0.04860	0.22180	0.17910	0.00472	0.00059
DPM (PM2.5 Exhaust)	Haul Truck	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
DPM (PM2.5 Exhaust)	Vendor Truck	0.00000	0.00000	0.00000	0.00142	0.00563	0.00200	0.00000	0.00000
DPM (PM2.5 Exhaust)	Worker	0.00000	0.00001	0.00003	0.00082	0.00365	0.00289	0.00010	0.00001
DPM (PM2.5 Exhaust)	Total	0.00001	0.00001	0.00003	0.00224	0.00928	0.00489	0.00010	0.00001
PM2.5 Total	Haul Truck	0.00005	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PM2.5 Total	Vendor Truck	0.00000	0.00000	0.00000	0.01362	0.06123	0.04690	0.00000	0.00000
PM2.5 Total	Worker	0.00016	0.00039	0.00115	0.03722	0.16985	0.13709	0.00482	0.00060
PM2.5 Total	Total	0.00021	0.00039	0.00115	0.05084	0.23108	0.18399	0.00482	0.00060

		Haul Truck (tons)	**Vendor Truck (tons)**	**Worker (tons)**	**Total (tons)**
Total DPM		1.000E-05	9.050E-03	7.510E-03	1.657E-02
				Checking Total	1.657E-02
Average Emissions	Grams	9.080E+00	8.217E+03	6.819E+03	
	Grams/sec	4.873E-07	4.410E-04	3.660E-04	
	Default Vehicle Travel Distance in CalEEMod	20	7.3	10.8	

		Haul Truck (tons)	**Vendor Truck (tons)**	**Worker (tons)**	**Total (tons)**
Total PM2.5 Total		5.000E-05	1.218E-01	3.513E-01	4.731E-01
				Checking Total	4.731E-01
Average Emissions	Grams	4.540E+01	1.105E+05	3.190E+05	
	Grams/sec	2.436E-06	5.933E-03	1.712E-02	
	Default Vehicle Travel Distance in CalEEMod	20	7.3	10.8	

	Vehicle Travel Distances in the Construction HRA (miles)				
ACCESS POINT #1. SOUTH BOUND - Going Away	Road 1(mi)	0.67	0.67	0.67	miles
ACCESS POINT #1.SOUTH BOUND -Coming to site	Road 2(mi)	0.67	0.67	0.67	miles
ACCESS POINT #1.NORTHBOUND - Going Away	Road 3(mi)	1.08	1.08	1.08	miles
ACCESS POINT #1.NORTHBOUND - Coming to site	Road 4(mi)	1.08	1.08	1.08	miles
ACCESS POINT #2. Going Away	Road 5(mi)	0.39	0.39	0.39	miles
ACCESS POINT #2. Coming to site	Road 6(mi)	0.39	0.39	0.39	miles

Trip Distribution (percent)			
Road 1(mi)	25%	25%	25%
Road 2(mi)	25%	25%	25%
Road 3(mi)	25%	25%	25%
Road 4(mi)	25%	25%	25%
Road 5(mi)	0%	0%	0%
Road 6(mi)	0%	0%	0%

Total Average Offsite Vehicle Emissions Along Travel Distance (g/sec)				**Total**
Road 1(mi)	4.057E-09	1.006E-05	5.643E-06	0.000E+00
Road 2(mi)	4.110E-09	1.019E-05	5.716E-06	0.000E+00
Road 3(mi)	6.580E-09	1.632E-05	9.152E-06	0.000E+00
Road 4(mi)	6.553E-09	1.625E-05	9.114E-06	0.000E+00
Road 5(mi)	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Road 6(mi)	0.000E+00	0.000E+00	0.000E+00	0.000E+00

	Vehicle Travel Distances in the Construction HRA (miles)				
	Road 1(mi)	0.67	0.67	0.67	miles
	Road 2(mi)	0.67	0.67	0.67	miles
	Road 3(mi)	1.08	1.08	1.08	miles
	Road 4(mi)	1.08	1.08	1.08	miles
	Road 5(mi)	0.39	0.39	0.39	miles
	Road 6(mi)	0.39	0.39	0.39	miles

Trip Distribution (percent)			
Road 1(mi)	25%	25%	25%
Road 2(mi)	25%	25%	25%
Road 3(mi)	25%	25%	25%
Road 4(mi)	25%	25%	25%
Road 5(mi)	0%	0%	0%
Road 6(mi)	0%	0%	0%

Total Average Offsite Vehicle Emissions Along Travel Distance (g/sec)				**Total**
Road 1(mi)	2.029E-08	1.353E-04	2.639E-04	0.000E+00
Road 2(mi)	2.055E-08	1.371E-04	2.674E-04	0.000E+00
Road 3(mi)	3.290E-08	2.195E-04	4.281E-04	0.000E+00
Road 4(mi)	3.277E-08	2.186E-04	4.263E-04	0.000E+00
Road 5(mi)	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Road 6(mi)	0.000E+00	0.000E+00	0.000E+00	0.000E+00

City of Antioch - The Ranch Residential Project

Project Site

Phase 2

Estimation of Annual Offsite Construction DPM Emissions (No Mitigation)

Start of Construction	3/19/2024	1/1/2025	1/1/2026	
End of Construction	12/31/2024	12/31/2025	12/2/2026	**Total**
Number of Days	287	364	335	986
Number of Hours	6,888	8,736	8,040	23,664
Number of Construction Days	206	261	240	707
Number of Construction Hours (8 hours/day)	1,648	2,088	1,920	5,656

		Phase 2 2024	Phase 2 2024	Phase 2 2024	Phase 2 2025	Phase 2 2026	Phase 2 2026	Phase 2 2026
	Construction Trip Type	Site Preparation	Grading	Building Construction	Building Construction	Building Construction	Architectural Coating	Paving
PM2.5 Fugitive Dust	Haul Truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PM2.5 Fugitive Dust	Vendor Truck	0.00000	0.00000	0.02110	0.04340	0.03330	0.00000	0.00000
PM2.5 Fugitive Dust	Worker	0.00040	0.00122	0.06240	0.12830	0.09830	0.00392	0.00063
PM2.5 Fugitive Dust	Total	0.00040	0.00122	0.08360	0.17170	0.13160	0.00392	0.00063
DPM (PM2.5 Exhaust)	Haul Truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
DPM (PM2.5 Exhaust)	Vendor Truck	0.00000	0.00000	0.00092	0.00185	0.00139	0.00000	0.00000
DPM (PM2.5 Exhaust)	Worker	0.00001	0.00003	0.00132	0.00266	0.00198	0.00008	0.00001
DPM (PM2.5 Exhaust)	Total	0.00001	0.00003	0.00224	0.00451	0.00337	0.00008	0.00001
PM2.5 Total	Haul Truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PM2.5 Total	Vendor Truck	0.00000	0.00000	0.02202	0.04525	0.03469	0.00000	0.00000
PM2.5 Total	Worker	0.00041	0.00125	0.06372	0.13096	0.10028	0.00400	0.00064
PM2.5 Total	Total	0.00041	0.00125	0.08584	0.17621	0.13497	0.00400	0.00064

		Haul Truck (tons)	**Vendor Truck (tons)**	**Worker (tons)**	**Total (tons)**
Total DPM		0.000E+00	4.160E-03	6.090E-03	1.025E-02
				Checking Total	1.025E-02
Average Emissions	Grams	0.000E+00	3.777E+03	5.530E+03	
	Grams/sec	0.000E+00	1.855E-04	2.716E-04	
	Default Vehicle Travel Distance in CalEEMod	20	7.3	10.8	

	Vehicle Travel Distances in the Construction HRA (miles)				
ACCESS POINT #1. SOUTH BOUND - Going Away	Road 1(mi)	0.67	0.67	0.67	miles
ACCESS POINT #1.SOUTH BOUND -Coming to site	Road 2(mi)	0.67	0.67	0.67	miles
ACCESS POINT #1.NORTHBOUND - Going Away	Road 3(mi)	1.08	1.08	1.08	miles
ACCESS POINT #1.NORTHBOUND - Coming to site	Road 4(mi)	1.08	1.08	1.08	miles
ACCESS POINT #2. Going Away	Road 5(mi)	0.39	0.39	0.39	miles
ACCESS POINT #2. Coming to site	Road 6(mi)	0.39	0.39	0.39	miles
	Trip Distribution (percent)				
	Road 1(mi)	16.7%	16.7%	16.7%	
	Road 2(mi)	16.7%	16.7%	16.7%	
	Road 3(mi)	16.7%	16.7%	16.7%	
	Road 4(mi)	16.7%	16.7%	16.7%	
	Road 5(mi)	16.6%	16.6%	16.6%	
	Road 6(mi)	16.6%	16.6%	16.6%	
	Total Average Offsite Vehicle Emissions Along Travel Distance (g/sec)				**Total**
	Road 1(mi)	0.000E+00	2.827E-06	2.797E-06	5.624E-06
	Road 2(mi)	0.000E+00	2.864E-06	2.834E-06	5.698E-06
	Road 3(mi)	0.000E+00	4.585E-06	4.537E-06	9.121E-06
	Road 4(mi)	0.000E+00	4.566E-06	4.518E-06	9.084E-06
	Road 5(mi)	0.000E+00	1.644E-06	1.627E-06	3.270E-06
	Road 6(mi)	0.000E+00	1.641E-06	1.623E-06	3.264E-06

		Haul Truck (tons)	**Vendor Truck (tons)**	**Worker (tons)**	**Total (tons)**
Total PM2.5 Total		0.000E+00	1.020E-01	3.013E-01	4.032E-01
				Checking Total	4.033E-01
Average Emissions	Grams	0.000E+00	9.258E+04	2.735E+05	
	Grams/sec	0.000E+00	4.547E-03	1.343E-02	
	Default Vehicle Travel Distance in CalEEMod	20	7.3	10.8	

	Vehicle Travel Distances in the Construction HRA (miles)				
	Road 1(mi)	0.67	0.67	0.67	miles
	Road 2(mi)	0.67	0.67	0.67	miles
	Road 3(mi)	1.08	1.08	1.08	miles
	Road 4(mi)	1.08	1.08	1.08	miles
	Road 5(mi)	0.39	0.39	0.39	miles
	Road 6(mi)	0.39	0.39	0.39	miles
	Trip Distribution (percent)				
	Road 1(mi)	16.7%	16.7%	16.7%	
	Road 2(mi)	16.7%	16.7%	16.7%	
	Road 3(mi)	16.7%	16.7%	16.7%	
	Road 4(mi)	16.7%	16.7%	16.7%	
	Road 5(mi)	16.6%	16.6%	16.6%	
	Road 6(mi)	16.6%	16.6%	16.6%	
	Total Average Offsite Vehicle Emissions Along Travel Distance (g/sec)				**Total**
	Road 1(mi)	0.000E+00	6.929E-05	1.384E-04	2.077E-04
	Road 2(mi)	0.000E+00	7.019E-05	1.402E-04	2.104E-04
	Road 3(mi)	0.000E+00	1.124E-04	2.244E-04	3.368E-04
	Road 4(mi)	0.000E+00	1.119E-04	2.235E-04	3.354E-04
	Road 5(mi)	0.000E+00	4.029E-05	8.046E-05	1.207E-04
	Road 6(mi)	0.000E+00	4.021E-05	8.031E-05	1.205E-04

City of Antioch - The Ranch Residential Project

Project Site **Phase 3**

Estimation of Annual Offsite Construction DPM Emissions (No Mitigation)

Start of Construction	3/22/2027	1/1/2028	1/1/2029		
End of Construction	12/31/2027	12/31/2028	12/12/2029		**Total**
Number of Days	284	365	345		994
Number of Hours	6,816	8,760	8,280		23,856
Number of Construction Days	205	260	248		713
Number of Construction Hours (8 hours/day)	1,640	2,080	1,984		5,704

		Phase 3 2027	Phase 3 2027	Phase 3 2027	Phase 3 2028	Phase 3 2029	Phase 3 2029	Phase 3 2029
	Construction Trip Type	Site Preparation	Grading	Building Construction	Building Construction	Building Construction	Architectural Coating	Paving
PM2.5 Fugitive Dust	Haul Truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PM2.5 Fugitive Dust	Vendor Truck	0.00000	0.00000	0.02420	0.05120	0.04060	0.00000	0.00000
PM2.5 Fugitive Dust	Worker	0.00044	0.00124	0.07500	0.15850	0.12560	0.00514	0.00066
PM2.5 Fugitive Dust	Total	0.00044	0.00124	0.09920	0.20970	0.16610	0.00514	0.00066
DPM (PM2.5 Exhaust)	Haul Truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
DPM (PM2.5 Exhaust)	Vendor Truck	0.00000	0.00000	0.00098	0.00203	0.00158	0.00000	0.00000
DPM (PM2.5 Exhaust)	Worker	0.00001	0.00002	0.00143	0.00281	0.00207	0.00008	0.00001
DPM (PM2.5 Exhaust)	Total	0.00001	0.00002	0.00241	0.00484	0.00365	0.00008	0.00001
PM2.5 Total	Haul Truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PM2.5 Total	Vendor Truck	0.00000	0.00000	0.02518	0.05323	0.04218	0.00000	0.00000
PM2.5 Total	Worker	0.00045	0.00126	0.07643	0.16131	0.12767	0.00522	0.00067
PM2.5 Total	Total	0.00045	0.00126	0.10161	0.21454	0.16975	0.00522	0.00067

		Haul Truck (tons)	**Vendor Truck (tons)**	**Worker (tons)**	**Total (tons)**
Total DPM		0.000E+00	4.590E-03	6.430E-03	1.102E-02
				Checking Total	1.102E-02
Average Emissions	Grams	0.000E+00	4.168E+03	5.838E+03	
	Grams/sec	0.000E+00	2.030E-04	2.843E-04	
	Default Vehicle Travel Distance in CalEEMod	20	7.3	10.8	
	Vehicle Travel Distances in the Construction HRA (miles)				
ACCESS POINT #1. SOUTH BOUN	Road 1(mi)	0.67	0.67	0.67	miles
ACCESS POINT #1.SOUTH BOUNI	Road 2(mi)	0.67	0.67	0.67	miles
ACCESS POINT #1.NORTHBOUNI	Road 3(mi)	1.08	1.08	1.08	miles
ACCESS POINT #1.NORTHBOUNI	Road 4(mi)	1.08	1.08	1.08	miles
ACCESS POINT #2. Going Away	Road 5(mi)	0.39	0.39	0.39	miles
ACCESS POINT #2. Coming to site	Road 6(mi)	0.39	0.39	0.39	miles
	Trip Distribution (percent)				
	Road 1(mi)	16.7%	16.7%	16.7%	
	Road 2(mi)	16.7%	16.7%	16.7%	
	Road 3(mi)	16.7%	16.7%	16.7%	
	Road 4(mi)	16.7%	16.7%	16.7%	
	Road 5(mi)	16.6%	16.6%	16.6%	
	Road 6(mi)	16.6%	16.6%	16.6%	
	Total Average Offsite Vehicle Emissions Along Travel Distance (g/sec)				**Total**
	Road 1(mi)	0.000E+00	3.093E-06	2.929E-06	6.021E-06
	Road 2(mi)	0.000E+00	3.133E-06	2.967E-06	6.100E-06
	Road 3(mi)	0.000E+00	5.016E-06	4.750E-06	9.766E-06
	Road 4(mi)	0.000E+00	4.996E-06	4.730E-06	9.726E-06
	Road 5(mi)	0.000E+00	1.798E-06	1.703E-06	3.501E-06
	Road 6(mi)	0.000E+00	1.795E-06	1.700E-06	3.495E-06

		Haul Truck (tons)	**Vendor Truck (tons)**	**Worker (tons)**	**Total (tons)**
Total PM2.5 Total		0.000E+00	1.206E-01	3.730E-01	4.936E-01
				Checking Total	4.935E-01
Average Emissions	Grams	0.000E+00	1.095E+05	3.387E+05	
	Grams/sec	0.000E+00	5.332E-03	1.649E-02	
	Default Vehicle Travel Distance in CalEEMod	20	7.3	10.8	
	Vehicle Travel Distances in the Construction HRA (miles)				
	Road 1(mi)	0.67	0.67	0.67	miles
	Road 2(mi)	0.67	0.67	0.67	miles
	Road 3(mi)	1.08	1.08	1.08	miles
	Road 4(mi)	1.08	1.08	1.08	miles
	Road 5(mi)	0.39	0.39	0.39	miles
	Road 6(mi)	0.39	0.39	0.39	miles
	Trip Distribution (percent)				
	Road 1(mi)	16.7%	16.7%	16.7%	
	Road 2(mi)	16.7%	16.7%	16.7%	
	Road 3(mi)	16.7%	16.7%	16.7%	
	Road 4(mi)	16.7%	16.7%	16.7%	
	Road 5(mi)	16.6%	16.6%	16.6%	
	Road 6(mi)	16.6%	16.6%	16.6%	
	Total Average Offsite Vehicle Emissions Along Travel Distance (g/sec)				**Total**
	Road 1(mi)	0.000E+00	8.126E-05	1.699E-04	2.511E-04
	Road 2(mi)	0.000E+00	8.232E-05	1.721E-04	2.544E-04
	Road 3(mi)	0.000E+00	1.318E-04	2.755E-04	4.073E-04
	Road 4(mi)	0.000E+00	1.312E-04	2.744E-04	4.056E-04
	Road 5(mi)	0.000E+00	4.725E-05	9.879E-05	1.460E-04
	Road 6(mi)	0.000E+00	4.716E-05	9.860E-05	1.458E-04

OEHHA Cancer/BAAQMD Risk Methodology

Cancer Risk = DPM x CPF x ASF x DBR x ED x EF x TAH x AF/ AT

Cancer Risk = probability of an individual contracting cancer out of a population of 1 million people over a lifetime exposure duration of 30 years

DPM = long-term average concentration of diesel PM as predicted by the air dispersion model (ug/m3)

CPF = cancer potency factor for DPM (mg.ke-day)

ASF = age sensitivity factors that are dependent on the age of the exposed individual (unitless)

DBR = daily breathing rates that are dependent on the age of the exposed individual (liters/kg-day)

ED = exposure duration (years)

EF = exposure frequency (days/year)

TAH = time at home factors that are dependent on the age of the exposed individual (%)

AT = averaging time over the lifetime of an individual (days)

AF = adjustment factor for workers and students (unitless)

Cancer Risk Equation Values as recommended by the California Office of Environmental Health Hazards Assessment

Ranch EIR Residential Project Construction Parameters

All Construction Sources – All Phases and off-site receptors

Construction Annual DPM Emissions (PM2.5 Exhaust)

Construction Annual Total PM2.5 Emissions (PM2.5 Total)

	Maximum (ug/m3)	MIR UTM X	MIR UTM Y
Unmitigated DPM Concentrations (Maximum DPM)	0.02440987	606527.8	4201288.22
Mitigated DPM Concentrations (Maximum DPM)	0.001949	606527.8	4201288.22
Unmitigated PM2.5 Total Concentrations (Maximum PM2.5 Total)	0.03489	606527.8	4201288.22
Mitigated PM2.5 Total Concentrations (Maximum PM2.5 Total)	0.012210	606527.8	4201288.22

X	Y	Total Phase 1	Total Phase 2	Total Phase 3	**Total Construction**	Total Phase 1	Total Phase 2	Total Phase 3	**Total Construction**	Total Phase 1	Total Phase 2	Total Phase 3	**Total Construction**	Total Phase 1	Total Phase 2	Total Phase 3	**Total Construction**
606527.8	4201288.22	0.00000000	0.023465146	0.000944728	0.02440987	0.00000000	0.00186965	0.000079432	0.00194908	0	0.033441312	0.001443956	0.034885267	0.00000000	0.011846892	0.000363538	0.01221043
606527.8	4201208.22	0.00000000	0.023215183	0.001141688	0.02435687	0.00000000	0.001849646	0.000095768	0.00194541	0	0.033081706	0.00173519	0.034816896	0.00000000	0.011717235	0.000429244	0.01214648
606527.8	4201268.22	0.00000000	0.023309469	0.000988062	0.02429753	0.00000000	0.001857233	0.000083027	0.00194026	0	0.033218933	0.001508063	0.034726996	0.00000000	0.011767767	0.000378026	0.01214579
606527.8	4201188.22	0.00000000	0.023053669	0.001202845	0.02425651	0.00000000	0.001836762	0.000100840	0.00193760	0	0.032850953	0.001825585	0.034676538	0.00000000	0.011635104	0.000449610	0.01208471
606527.8	4201248.22	0.00000000	0.023212539	0.001034976	0.02424752	0.00000000	0.00184949	0.000086918	0.00193641	0	0.033080055	0.001577429	0.034657484	0.00000000	0.011718071	0.000393673	0.01211174
606527.8	4201228.22	0.00000000	0.02316008	0.001085958	0.02424604	0.00000000	0.001845288	0.000091146	0.00193643	0	0.033004414	0.001652813	0.034657227	0.00000000	0.011690684	0.000410681	0.01210137
606527.8	4201308.22	0.00000000	0.023332294	0.000904555	0.02423685	0.00000000	0.001859101	0.000076100	0.00193520	0	0.03325338	0.001384553	0.034637932	0.00000000	0.011781257	0.000350135	0.01213139
606527.8	4201168.22	0.00000000	0.022763336	0.001270418	0.02403375	0.00000000	0.001813624	0.000106443	0.00192007	0	0.032436994	0.001925421	0.034362415	0.00000000	0.011488327	0.000472069	0.01196040
606527.8	4201328.22	0.00000000	0.022939109	0.000867155	0.02380626	0.00000000	0.00182783	0.000072998	0.00190083	0	0.032695229	0.001329283	0.034024512	0.00000000	0.011585003	0.000337690	0.01192269
606527.8	4201148.22	0.00000000	0.022342674	0.001345403	0.02368808	0.00000000	0.001780113	0.000112660	0.00189277	0	0.031837717	0.002036205	0.033873922	0.00000000	0.01127618	0.000496991	0.01177317
606527.8	4201128.22	0.00000000	0.021791537	0.001429123	0.02322066	0.00000000	0.001736216	0.000119602	0.00185582	0	0.031052902	0.002159869	0.033212771	0.00000000	0.01099858	0.000524787	0.01152337
606527.8	4201348.22	0.00000000	0.022283759	0.000832199	0.02311596	0.00000000	0.001775691	0.000070101	0.00184579	0	0.031764282	0.001277698	0.03304198	0.00000000	0.011257237	0.000326134	0.01158337
606527.8	4201108.22	0.00000000	0.021027912	0.001522875	0.02255079	0.00000000	0.001675407	0.000127375	0.00180278	0	0.029965965	0.002298374	0.032264339	0.00000000	0.010614425	0.000555938	0.01117036
606527.8	4201368.22	0.00000000	0.021213101	0.00079916	0.02201226	0.00000000	0.001690501	0.000067371	0.00175787	0	0.030242947	0.001229282	0.031472229	0.00000000	0.010721321	0.000315562	0.01103688
606527.8	4201088.22	0.00000000	0.020028318	0.00162902	0.02165734	0.00000000	0.001595815	0.000136175	0.00173199	0	0.028543463	0.002455126	0.03099859	0.00000000	0.01011188	0.000591144	0.01070302
606547.8	4201288.22	0.00000000	0.020199606	0.000931236	0.02113084	0.00000000	0.001609731	0.000078349	0.00168808	0	0.028797904	0.001425609	0.030223513	0.00000000	0.010208956	0.000360685	0.01056964
606547.8	4201308.22	0.00000000	0.020095005	0.000891923	0.02098693	0.00000000	0.001601428	0.000075088	0.00167652	0	0.028650072	0.00136748	0.030017552	0.00000000	0.010157418	0.000347571	0.01050499
606547.8	4201268.22	0.00000000	0.019944594	0.000973648	0.02091824	0.00000000	0.001589408	0.000081867	0.00167127	0	0.028434312	0.001488318	0.02992263	0.00000000	0.01008004	0.000374830	0.01045487
606547.8	4201328.22	0.00000000	0.01970883	0.000855272	0.02056410	0.00000000	0.001570714	0.000072050	0.00164276	0	0.028101854	0.001313366	0.02941522	0.00000000	0.009964642	0.000335428	0.01030007
606547.8	4201248.22	0.00000000	0.019392118	0.001019571	0.02041169	0.00000000	0.001545407	0.000085676	0.00163108	0	0.027647692	0.001556223	0.029203915	0.00000000	0.009801871	0.000390151	0.01019202
606527.8	4201068.22	0.00000000	0.018585702	0.00174934	0.02033504	0.00000000	0.001480961	0.000146150	0.00162711	0	0.026491011	0.002632824	0.029123835	0.00000000	0.009387123	0.000631064	0.01001819
606527.8	4201388.22	0.00000000	0.019500576	0.000766781	0.02026736	0.00000000	0.001554232	0.000064713	0.00161895	0	0.027809352	0.001182629	0.028991981	0.00000000	0.009863903	0.000306019	0.01016992
606547.8	4201208.22	0.00000000	0.019093011	0.001124062	0.02021707	0.00000000	0.001521548	0.000094342	0.00161589	0	0.027220379	0.001710711	0.02893109	0.00000000	0.009649792	0.000424992	0.01007478
606547.8	4201228.22	0.00000000	0.019106377	0.001069511	0.02017589	0.00000000	0.001522637	0.000089818	0.00161245	0	0.02724037	0.00163006	0.02887043	0.00000000	0.009657507	0.000406805	0.01006431
606547.8	4201188.22	0.00000000	0.018981393	0.001184013	0.02016541	0.00000000	0.001512637	0.000099314	0.00161195	0	0.02706064	0.001799308	0.028859947	0.00000000	0.009592754	0.000444941	0.01003769
606547.8	4201168.22	0.00000000	0.018719787	0.001250114	0.01996990	0.00000000	0.001491788	0.000104796	0.00159658	0	0.02668763	0.001897007	0.028584637	0.00000000	0.00946049	0.000466951	0.00992744
606547.8	4201348.22	0.00000000	0.019045621	0.000820896	0.01986652	0.00000000	0.001517952	0.000069205	0.00158716	0	0.027159779	0.001262797	0.028422577	0.00000000	0.009632983	0.000324228	0.00995721
606547.8	4201148.22	0.00000000	0.018338495	0.001323461	0.01966196	0.00000000	0.001461412	0.000110878	0.00157229	0	0.026144412	0.002005385	0.028149797	0.00000000	0.00926817	0.000491341	0.00975951
606547.8	4201128.22	0.00000000	0.017831563	0.001405548	0.01923711	0.00000000	0.001421036	0.000117684	0.00153872	0	0.025422529	0.002126653	0.027549182	0.00000000	0.00901282	0.000518612	0.00953143
606547.8	4201368.22	0.00000000	0.018007222	0.000788167	0.01879539	0.00000000	0.001435331	0.000066505	0.00150184	0	0.025684408	0.001215053	0.026899461	0.00000000	0.009113343	0.000313979	0.00942732
606547.8	4201108.22	0.00000000	0.01716308	0.001497553	0.01866063	0.00000000	0.0013678	0.000125312	0.00149311	0	0.024470922	0.002262548	0.02673347	0.00000000	0.00867643	0.000549153	0.00922558
606320.15	4201003.05	0.00000000	0.015224957	0.002696518	0.01792148	0.00000000	0.001213089	0.000224366	0.00143745	0	0.021697766	0.004018163	0.02571593	0.00000000	0.007686596	0.000931408	0.00861800
606547.8	4201088.22	0.00000000	0.016259761	0.001601176	0.01786094	0.00000000	0.001295874	0.000133903	0.00142978	0	0.023185421	0.002415628	0.025601049	0.00000000	0.00822228	0.000583576	0.00880586
606527.8	4201408.22	0.00000000	0.017026899	0.000736108	0.01776301	0.00000000	0.001357376	0.000062196	0.00141957	0	0.024293261	0.00113849	0.025431751	0.00000000	0.008624519	0.000297037	0.00892156
606355.59	4201005.6	0.00000000	0.014807055	0.002616903	0.01742396	0.00000000	0.001179875	0.000217810	0.00139769	0	0.021105416	0.003902561	0.025007977	0.00000000	0.007478915	0.000907029	0.00838594
606393.3	4201010.76	0.00000000	0.014925049	0.00249614	0.01742119	0.00000000	0.001189322	0.000207848	0.00139717	0	0.021275339	0.003726362	0.0250017	0.00000000	0.007540297	0.000869176	0.00840947
606340.15	4201003.05	0.00000000	0.014635118	0.002671651	0.01730677	0.00000000	0.001166165	0.000222329	0.00138849	0	0.020859984	0.003982518	0.024842502	0.00000000	0.007391703	0.000924268	0.00831597
606547.8	4201388.22	0.00000000	0.016537234	0.000756646	0.01729388	0.00000000	0.001318369	0.000063922	0.00138229	0	0.023595778	0.00116982	0.024765598	0.00000000	0.008377673	0.000304877	0.00868255
606567.8	4201268.22	0.00000000	0.016331545	0.000959109	0.01729065	0.00000000	0.001301831	0.000080699	0.00138253	0	0.023296873	0.001468487	0.02476536	0.00000000	0.008267908	0.000371695	0.00863960
606567.8	4201288.22	0.00000000	0.016348849	0.000917594	0.01726644	0.00000000	0.001303232	0.000077256	0.00138049	0	0.023322373	0.001407123	0.024729496	0.00000000	0.008277505	0.000357868	0.00863537
606567.8	4201248.22	0.00000000	0.016136622	0.001004035	0.01714066	0.00000000	0.001286293	0.000084425	0.00137072	0	0.023018789	0.00153492	0.024553709	0.00000000	0.0081692	0.000386686	0.00855589
606567.8	4201308.22	0.00000000	0.016152688	0.000879045	0.01703173	0.00000000	0.001287641	0.000074061	0.00136170	0	0.02304433	0.001350209	0.024394539	0.00000000	0.008180024	0.000345097	0.00852512
606567.8	4201228.22	0.00000000	0.015951616	0.001052929	0.01700454	0.00000000	0.001271543	0.000088481	0.00136002	0	0.022754785	0.001607207	0.024361992	0.00000000	0.008075444	0.000402987	0.00847843
606567.8	4201208.22	0.00000000	0.015835943	0.001106364	0.01694231	0.00000000	0.001262312	0.000092912	0.00135522	0	0.022589364	0.001686197	0.024275561	0.00000000	0.008016459	0.000420791	0.00843725
606567.8	4201188.22	0.00000000	0.015682593	0.001165004	0.01684760	0.00000000	0.001250081	0.000097776	0.00134786	0	0.022370372	0.001772889	0.024143261	0.00000000	0.00793858	0.000440336	0.00837892
606375.59	4201005.6	0.00000000	0.014208187	0.002588466	0.01679665	0.00000000	0.001132232	0.000215478	0.00134771	0	0.020254777	0.003861664	0.024116441	0.00000000	0.007179473	0.000898727	0.00807820
606547.8	4201068.22	0.00000000	0.015053772	0.00171911	0.01677288	0.00000000	0.001199857	0.000143680	0.00134354	0	0.021469511	0.002589797	0.024059308	0.00000000	0.007616285	0.000622700	0.00823899
606413.3	4201010.76	0.00000000	0.014257561	0.002459383	0.01671694	0.00000000	0.001136218	0.000204828	0.00134105	0	0.020327134	0.003673264	0.024000398	0.00000000	0.007206445	0.000858203	0.00806465
606567.8	4201168.22	0.00000000	0.015440581	0.001229723	0.01667030	0.00000000	0.001230794	0.000103143	0.00133394	0	0.022025285	0.001868542	0.023893827	0.00000000	0.007816206	0.000461883	0.00827809
606567.8	4201328.22	0.00000000	0.015765782	0.000843164	0.01660895	0.00000000	0.001256868	0.000071087	0.00132796	0	0.022495036	0.001297275	0.02379231	0.00000000	0.007986844	0.000333251	0.00832010
606567.8	4201148.22	0.00000000	0.015093421	0.001301513	0.01639493	0.00000000	0.001203137	0.000109096	0.00131223	0	0.021530677	0.001974641	0.023505318	0.00000000	0.007641084	0.000485777	0.00812686
606567.8	4201128.22	0.00000000	0.014633586	0.001381617	0.01601520	0.00000000	0.001166511	0.000115738	0.00128225	0	0.020875835	0.002092994	0.022968829	0.00000000	0.007409431	0.000512404	0.00792184
606433.3	4201010.76	0.00000000	0.013540623	0.00241703	0.01595765	0.00000000	0.001079178	0.000201345	0.00128052	0	0.019308645	0.003611979	0.022920623	0.00000000	0.006847821	0.000845452	0.00769327
606567.8	4201348.22	0.00000000	0.015097969	0.000809291	0.01590726	0.00000000	0.00120374	0.000068287	0.00127203	0	0.021546469	0.001247613	0.022794083	0.00000000	0.007652933	0.000322389	0.00797532
606567.8	4201108.22	0.00000000	0.0140443	0.001471603	0.01551590	0.00000000	0.001119581	0.000123199	0.00124278	0	0.020036912	0.002225915	0.022262827	0.00000000	0.007112837	0.000542284	0.00765512
606547.8	4201408.22	0.00000000	0.014528328	0.000727474	0.01525580	0.00000000	0.001158492	0.000061514	0.00122001	0	0.020740027	0.001127189	0.021867216	0.00000000	0.007370857	0.000295664	0.00766652
606533.18	4201421.18	0.00000000	0.014520772	0.000715877	0.01523665	0.00000000	0.001157907	0.000060531	0.00121844	0	0.020729897	0.001109122	0.021839019	0.00000000	0.007367698	0.000290850	0.00765855
606453.3	4201010.76	0.00000000	0.012772105	0.002370985	0.01514309	0.00000000	0.001018033	0.000197558	0.00121559	0	0.018216824	0.003545292	0.021762116	0.00000000	0.006463339	0.000831528	0.00729487
606567.8	4201368.22	0.00000000	0.014180857	0.000777269	0.01495813	0.00000000	0.00113077	0.000065645	0.00119642	0	0.020243447	0.001200849	0.021444295	0.00000000	0.007194011	0.000312307	0.00750632
606567.8	4201088.22	0.00000000	0.013279648	0.001573079	0.01485273	0.00000000	0.001058693	0.000131612	0.00119031	0	0.018948647	0.002375819	0.021324465	0.00000000	0.006728301	0.000575988	0.00730429
606587.8	4201248.22	0.00000000	0.013785467	0.000988266	0.01477373	0.00000000	0.001099164	0.000083157	0.00118232	0	0.019676004	0.001513345	0.021189349	0.00000000	0.006990333	0.000383216	0.00737355
606587.8	4201268.22	0.00000000	0.01382753	0.000944335	0.01477187	0.00000000	0.001102534	0.000079514	0.00118205	0	0.019736656	0.001448396	0.021185052	0.00000000	0.007012294	0.000368570	0.00738086
606587.8	4201228.22	0.00000000	0.01369506	0.001036095	0.01473116	0.00000000	0.001091946	0.000087123	0.00117907	0	0.019546573	0.001584033	0.021130606	0.00000000	0.006944086	0.000399137	0.00734322
606587.8	4201208.22	0.00000000	0.013565745	0.001088248	0.01465399	0.00000000	0.001081631	0.000091450	0.00117308	0	0.019361855	0.00166118	0.021023035	0.00000000	0.006878364	0.000416567	0.00729493
606587.8	4201288.22	0.00000000	0.01373704	0.000903684	0.01464072	0.00000000	0.001095354	0.000076144	0.00117150	0	0.019608849	0.001388373	0.020997222	0.00000000	0.006967793	0.000355097	0.00732289
606587.8	4201188.22	0.00000000	0.013401868	0.001145516	0.01454738	0.00000000	0.001068565	0.000096200	0.00116477	0	0.01912797	0.001745865	0.020873835	0.00000000	0.006795282	0.000435678	0.00723096
606587.8	4201168.22	0.00000000	0.013175807	0.001208732	0.01438454	0.00000000	0.001050549	0.000101443	0.00115199	0	0.018805634	0.001839312	0.020644946	0.00000000	0.00668098	0.000456739	0.00713772
606357.31	4200991.9	0.00000000	0.011576788	0.002802301	0.01437909	0.00000000	0.000922738	0.000233179	0.00115592	0	0.016511179	0.004176319	0.020687498	0.00000000	0.005857659	0.000968487	0.00682615
606587.8	4201308.22	0.00000000	0.013500043	0.000865965	0.01436601	0.00000000	0.001076512	0.000073018	0.00114953	0	0.01927271	0.001332731	0.020605441	0.00000000	0.006849798	0.000342650	0.00719245
606473.3	4201010.76	0.00000000	0.011951986	0.00232303	0.01427502	0.00000000	0.000952782	0.000193614	0.00114640	0	0.01705167	0.003475861	0.020527531	0.00000000	0.006053015	0.000817050	0.00687006
606587.8	4201148.22	0.00000000	0.012866067	0.001278844	0.01414491	0.00000000	0.001025872	0.000107257	0.00113313	0	0.018364299	0.001942935	0.020307234	0.00000000	0.006524693	0.000480080	0.00700477
606567.8	4201068.22	0.00000000	0.012302693	0.001688192	0.01399088	0.00000000	0.000980908	0.000141157	0.00112206	0	0.017558521	0.00254587	0.020104391	0.00000000	0.0062373	0.000614226	0.00685153
606587.8	4201328.22	0.00000000	0.013093059	0.000830762	0.01392382	0.00000000	0.001044141	0.000070103	0.00111424	0	0.018694876	0.001280902	0.019975778	0.00000000	0.006646559	0.000331136	0.00697769
606587.8	4201128.22	0.00000000	0.012469486	0.001357161	0.01382665	0.00000000	0.000994282	0.000113751	0.00110803	0	0.017799448	0.00205863	0.019858078	0.00000000	0.006324816	0.000506095	0.00683091
606373.3	4200990.76	0.00000000	0.010985656	0.002795447	0.01378110	0.00000000	0.000875704	0.000232631	0.00110833	0	0.015671283	0.004167052	0.019838336	0.00000000	0.005561835	0.000967094	0.00652893
606567.8	4201388.22	0.00000000	0.012960602	0.000746702	0.01370730	0.00000000	0.001033682	0.000063136	0.00109682	0	0.018509757	0.001156837	0.019666594	0.00000000	0.006583432	0.000303330	0.00688676
606493.3	4201010.76	0.00000000	0.011145787	0.002276664	0.01342245	0.00000000	0.00088864	0.000189803	0.00107844	0	0.01590633	0.003408816	0.019315146	0.00000000	0.005649694	0.000803139	0.00645283
606587.8	4201108.22	0.00000000	0.011957176	0.001444967	0.01340214	0.00000000	0.000953481	0.000121031	0.00107451	0	0.017070056	0.002188351	0.019258407	0.00000000	0.006066909	0.000535272	0.00660218
606393.3	4200990.76	0.00000000	0.010545339	0.002761995	0.01330733	0.00000000	0.000840681	0.000229882	0.00107056	0	0.015046103	0.004118748	0.01916485	0.00000000	0.005341928	0.000957125	0.00629905
606587.8	4201348.22	0.00000000	0.012480498	0.000797603	0.01327810	0.00000000	0.00099541	0.000067363	0.00106277	0	0.017824822	0.001232311	0.019057133	0.00000000	0.006340307	0.000320526	0.00666083
606607.8	4201248.22	0.00000000	0.011975546	0.000972394	0.01294794	0.00000000	0.00095512	0.000081883	0.00103700	0	0.017103004	0.001491725	0.018594729	0.00000000	0.006083127	0.000379823	0.00646295
606607.8	4201228.22	0.00000000	0.011925606	0.00101903	0.01294464	0.00000000	0.000951125	0.000085751	0.00103688	0	0.017031216	0.001560698	0.018591914	0.00000000	0.006057281	0.000395397	0.00645268
606607.8	4201208.22	0.00000000	0.011827372	0.001069976	0.01289735	0.00000000	0.000943285	0.000089977	0.00103326	0	0.016890742	0.001636042	0.018526784	0.00000000	0.006007198	0.000412405	0.00641960
606607.8	4201268.22	0.00000000	0.011944375	0.000929436	0.01287381	0.00000000	0.00095266	0.000078321	0.00103098	0	0.017059483	0.001428253	0.018487736	0.00000000	0.006068316	0.000365542	0.00643386
606587.8	4201088.22	0.00000000	0.011310786	0.001543935	0.01285472	0.00000000	0.000902008	0.000129237	0.00103125	0	0.016150033	0.00233458	0.018484614	0.00000000	0.005741774	0.000568174	0.00630995
606413.3	4200990.76	0.00000000	0.010095525	0.002719841	0.01281537	0.00000000	0.000804903	0.000226414	0.00103132	0	0.014407444	0.004057657	0.018465101	0.00000000	0.005117285	0.000944339	0.00606162
606607.8	4201188.22	0.00000000	0.011680465	0.001125875	0.01280634	0.00000000	0.000931571	0.000094614	0.00102619	0	0.016681044	0.001718706	0.01839975	0.00000000	0.005932687	0.000431062	0.00636375
606553.18	4201421.18	0.00000000	0.012075876	0.000708012	0.01278389	0.00000000	0.000963294	0.000059911	0.00102321	0	0.017252946	0.001098904	0.01835185	0.00000000	0.006140918	0.000289678	0.00643060
606513.3	4201010.76	0.00000000	0.010505539	0.002233746	0.01273929	0.00000000	0.000837708	0.000186278	0.00102399	0	0.014997014	0.003346908	0.018343923	0.00000000	0.005329665	0.000790419	0.00612008
606607.8	4201288.22	0.00000000	0.011810123	0.00088972	0.01269984	0.00000000	0.000941995	0.000075029	0.00101702	0	0.016869392	0.001369626	0.018239017	0.00000000	0.006001805	0.000352394	0.00635420
606607.8	4201168.22	0.00000000	0.011473149	0.001187488	0.01266064	0.00000000	0.000915049	0.000099724	0.00101477	0	0.016385443	0.001809812	0.018195255	0.00000000	0.005827869	0.000451619	0.00627949
606587.8	4201368.22	0.00000000	0.011700041	0.000766477	0.01246652	0.00000000	0.000933314	0.000064792	0.00099811	0	0.016716	0.001186774	0.017902774	0.00000000	0.005949809	0.000310643	0.00626045
606607.8	4201148.22	0.00000000	0.011199271	0.001255808	0.01245508	0.00000000	0.000893228	0.000105390	0.00099862	0	0.015995172	0.001910804	0.017905976	0.00000000	0.005689643	0.000474380	0.00616402
606607.8	4201308.22	0.00000000	0.011573016	0.00085295	0.01242597	0.00000000	0.000923142	0.000071981	0.00099512	0	0.016533002	0.001315345	0.017848347	0.00000000	0.005883659	0.000340219	0.00622388
606433.3	4200990.76	0.00000000	0.009632107	0.002669068	0.01230117	0.00000000	0.000768043	0.000222233	0.00099028	0	0.013749477	0.003983917	0.017733394	0.00000000	0.004885854	0.000928774	0.00581463
606567.8	4201408.22	0.00000000	0.01150702	0.000718746	0.01222577	0.00000000	0.000918002	0.000060825	0.00097883	0	0.016443527	0.001115811	0.017559337	0.00000000	0.005855037	0.000294323	0.00614936
606587.8	4201068.22	0.00000000	0.010531263	0.001656657	0.01218792	0.00000000	0.000839939	0.000138583	0.00097852	0	0.015040699	0.002501087	0.017541786	0.00000000	0.005349858	0.000605604	0.00595546
606607.8	4201128.22	0.00000000	0.010855621	0.001332096	0.01218772	0.00000000	0.000865853	0.000111716	0.00097757	0	0.015505651	0.002023513	0.017529164	0.00000000	0.005516381	0.000499733	0.00601611
606607.8	4201328.22	0.00000000	0.011152163	0.000818336	0.01197050	0.00000000	0.000889669	0.000069119	0.00095879	0	0.015935513	0.001264555	0.017200068	0.00000000	0.005673531	0.000329075	0.00600261
606527.8	4201008.22	0.00000000	0.009726036	0.002230479	0.01195652	0.00000000	0.00077568	0.000186032	0.00096171	0	0.013889266	0.003343167	0.017232433	0.00000000	0.004939357	0.000790449	0.00572981
606607.8	4201108.22	0.00000000	0.010419275	0.00141757	0.01183685	0.00000000	0.0008311	0.000118803	0.00094990	0	0.014884338	0.002149802	0.01703414	0.00000000	0.005296642	0.000528148	0.00582479
606453.3	4200990.76	0.00000000	0.009163825	0.002612253	0.01177608	0.00000000	0.000730797	0.000217554	0.00094835	0	0.013084635	0.003901337	0.016985972	0.00000000	0.004652027	0.000911290	0.00556332
606627.8	4201228.22	0.00000000	0.01049579	0.001001517	0.01149731	0.00000000	0.000837341	0.000084345	0.00092169	0	0.014998959	0.00153682	0.016535779	0.00000000	0.005340992	0.000391628	0.00573262
606627.8	4201208.22	0.00000000	0.010423283	0.001051102	0.01147439	0.00000000	0.000831551	0.000088458	0.00092001	0	0.014895132	0.00161016	0.016505293	0.00000000	0.005303878	0.000408193	0.00571207
606627.8	4201248.22	0.00000000	0.010504583	0.00095603	0.01146061	0.00000000	0.000838061	0.000080572	0.00091863	0	0.015012207	0.001469581	0.016481788	0.00000000	0.005346167	0.000376475	0.00572264
606587.8	4201388.22	0.00000000	0.010720832	0.000736989	0.01145782	0.00000000	0.000855407	0.000062369	0.00091778	0	0.015324889	0.001144156	0.016469045	0.00000000	0.005459956	0.000301818	0.00576177
606607.8	4201088.22	0.00000000	0.009896285	0.001513812	0.01141010	0.00000000	0.00078945	0.000126782	0.00091623	0	0.014139798	0.002291947	0.016431745	0.00000000	0.005033417	0.000560087	0.00559350
606627.8	4201188.22	0.00000000	0.010302297	0.001105503	0.01140780	0.00000000	0.000821902	0.000092970	0.00091487	0	0.014722345	0.001690604	0.016412949	0.00000000	0.005242422	0.000426345	0.00566877
606607.8	4201348.22	0.00000000	0.010604417	0.000785928	0.01139035	0.00000000	0.000846095	0.000066441	0.00091254	0	0.015157561	0.001217065	0.016374626	0.00000000	0.005399725	0.000318705	0.00571843
606627.8	4201268.22	0.00000000	0.010453265	0.000914249	0.01136751	0.00000000	0.000833994	0.000077107	0.00091110	0	0.014939931	0.001407789	0.01634772	0.00000000	0.005321139	0.000362524	0.00568366
606627.8	4201168.22	0.00000000	0.010126711	0.001165433	0.01129214	0.00000000	0.000807906	0.000097941	0.00090585	0	0.014471905	0.001779212	0.016251117	0.00000000	0.005153565	0.000446330	0.00559990
606473.3	4200990.76	0.00000000	0.008714792	0.002553831	0.01126862	0.00000000	0.000695083	0.000212741	0.00090782	0	0.012447189	0.003816426	0.016263615	0.00000000	0.00442788	0.000893318	0.00532120
606627.8	4201288.22	0.00000000	0.010306393	0.000875557	0.01118195	0.00000000	0.000822323	0.000073899	0.00089622	0	0.014731822	0.001350656	0.016082478	0.00000000	0.005248225	0.000349697	0.00559792
606547.8	4201008.22	0.00000000	0.008972367	0.002193204	0.01116557	0.00000000	0.000715722	0.000182979	0.00089870	0	0.012818751	0.003289722	0.016108473	0.00000000	0.004562518	0.000779733	0.00534225
606627.8	4201148.22	0.00000000	0.00989344	0.001231812	0.01112525	0.00000000	0.000789319	0.000103446	0.00089276	0	0.014139418	0.001877321	0.016016739	0.00000000	0.005035751	0.000468431	0.00550418
606627.8	4201308.22	0.00000000	0.010057522	0.000839606	0.01089713	0.00000000	0.000802534	0.000070921	0.00087345	0	0.014378705	0.001297662	0.015676367	0.00000000	0.005124179	0.000337874	0.00546205
606627.8	4201128.22	0.00000000	0.009589587	0.00130561	0.01089520	0.00000000	0.000765114	0.000109566	0.00087468	0	0.013706587	0.001986415	0.015693002	0.00000000	0.004882554	0.000493021	0.00537558
606607.8	4201068.22	0.00000000	0.009262122	0.00162357	0.01088569	0.00000000	0.000738953	0.000135883	0.00087484	0	0.013237234	0.002454098	0.015691332	0.00000000	0.004714489	0.000596557	0.00531105
606493.3	4200990.76	0.00000000	0.008314403	0.002497821	0.01081222	0.00000000	0.000663238	0.000208125	0.00087136	0	0.011878763	0.003734905	0.015613668	0.00000000	0.004227979	0.000875968	0.00510395
606607.8	4201368.22	0.00000000	0.00994829	0.00075568	0.01070397	0.00000000	0.000793901	0.000063950	0.00085785	0	0.01422574	0.00117312	0.01539886	0.00000000	0.005071806	0.000309419	0.00538123
606573.18	4201421.18	0.00000000	0.009973857	0.000699578	0.01067344	0.00000000	0.000795978	0.000059247	0.00085522	0	0.014263739	0.001087985	0.015351724	0.00000000	0.005086318	0.000288460	0.00537478
606627.8	4201108.22	0.00000000	0.009223542	0.001388418	0.01061196	0.00000000	0.000735958	0.000116432	0.00085239	0	0.013185288	0.002108761	0.015294049	0.00000000	0.004698127	0.000520547	0.00521867
606627.8	4201328.22	0.00000000	0.009678388	0.00080587	0.01048426	0.00000000	0.000772379	0.000068131	0.00084051	0	0.013840467	0.001248144	0.015088611	0.00000000	0.004934902	0.000326995	0.00526190
606513.3	4200990.76	0.00000000	0.007979382	0.002448415	0.01042780	0.00000000	0.000636601	0.000204063	0.00084066	0	0.011403516	0.003663411	0.015066927	0.00000000	0.004061101	0.000861090	0.00492219
606587.8	4201408.22	0.00000000	0.009648244	0.000709926	0.01035817	0.00000000	0.000770051	0.000060129	0.00083018	0	0.013800342	0.001104358	0.0149047	0.00000000	0.004922592	0.000293014	0.00521561
606567.8	4201008.22	0.00000000	0.008168569	0.002155635	0.01032420	0.00000000	0.000651777	0.000179904	0.00083168	0	0.011677047	0.003235981	0.014913028	0.00000000	0.00416063	0.000769063	0.00492969
606647.8	4201208.22	0.00000000	0.009259786	0.001031811	0.01029160	0.00000000	0.000738972	0.000086908	0.00082588	0	0.013241799	0.001583823	0.014825622	0.00000000	0.00472141	0.000404007	0.00512542
606647.8	4201228.22	0.00000000	0.009304532	0.000983632	0.01028816	0.00000000	0.000742551	0.000082912	0.00082546	0	0.013306119	0.001512583	0.014818702	0.00000000	0.004744565	0.000387934	0.00513250
606627.8	4201088.22	0.00000000	0.008789572	0.001482019	0.01027159	0.00000000	0.000701395	0.000124192	0.00082559	0	0.012567383	0.002247008	0.014814391	0.00000000	0.004479609	0.000551612	0.00503122
606647.8	4201188.22	0.00000000	0.009160798	0.001084522	0.01024532	0.00000000	0.000731075	0.000091280	0.00082236	0	0.013100359	0.001661785	0.014762144	0.00000000	0.004671056	0.000421613	0.00509267
606647.8	4201248.22	0.00000000	0.009294653	0.000939462	0.01023411	0.00000000	0.000741782	0.000079248	0.00082103	0	0.013292739	0.001447264	0.014740002	0.00000000	0.004740294	0.000373191	0.00511349
606647.8	4201168.22	0.00000000	0.009012782	0.001142517	0.01015530	0.00000000	0.000719275	0.000096091	0.00081537	0	0.01288918	0.001747542	0.014636722	0.00000000	0.004596087	0.000440963	0.00503705
606647.8	4201268.22	0.00000000	0.009229335	0.000898872	0.01012821	0.00000000	0.000736599	0.000075880	0.00081248	0	0.013200471	0.001387195	0.014587666	0.00000000	0.004708158	0.000359598	0.00506776
606647.8	4201148.22	0.00000000	0.008815829	0.001206669	0.01002250	0.00000000	0.00070358	0.000101411	0.00080499	0	0.012608386	0.001842359	0.014450745	0.00000000	0.004496541	0.000462323	0.00495886
606527.8	4200988.22	0.00000000	0.007535462	0.002447714	0.00998318	0.00000000	0.000601285	0.000204028	0.00080531	0	0.010772967	0.003663395	0.014436362	0.00000000	0.003839136	0.000861905	0.00470104
606627.8	4201348.22	0.00000000	0.009203221	0.000774333	0.00997755	0.00000000	0.00073458	0.000065524	0.00080010	0	0.013165651	0.001201911	0.014367562	0.00000000	0.004697433	0.000316885	0.00501432
606647.8	4201288.22	0.00000000	0.009083572	0.000861271	0.00994484	0.00000000	0.000725014	0.000072762	0.00079778	0	0.012993851	0.001331629	0.014325481	0.00000000	0.00463571	0.000347089	0.00498280
606607.8	4201388.22	0.00000000	0.009172849	0.00072722	0.00990007	0.00000000	0.000732201	0.000061599	0.00079380	0	0.013123921	0.001131483	0.014255404	0.00000000	0.004683693	0.000300382	0.00498408
606627.8	4201068.22	0.00000000	0.008279716	0.001588613	0.00986833	0.00000000	0.000660792	0.000133030	0.00079382	0	0.011841592	0.002404442	0.014246034	0.00000000	0.004223049	0.000586986	0.00481003
606647.8	4201128.22	0.00000000	0.008568564	0.00127805	0.00984661	0.00000000	0.000683879	0.000107329	0.00079121	0	0.012256013	0.001947814	0.014203827	0.00000000	0.004371721	0.000486039	0.00485776
606647.8	4201308.22	0.00000000	0.00884563	0.000826248	0.00967188	0.00000000	0.000706094	0.000069861	0.00077595	0	0.012656234	0.001280019	0.013936253	0.00000000	0.004517104	0.000335587	0.00485269
606547.8	4200988.22	0.00000000	0.007217754	0.002410853	0.00962861	0.00000000	0.00057603	0.000201009	0.00077704	0	0.01032247	0.003610585	0.013933055	0.00000000	0.003681078	0.000851351	0.00453243
606647.8	4201108.22	0.00000000	0.008260662	0.001357778	0.00961844	0.00000000	0.000659352	0.000113940	0.00077329	0	0.011817445	0.002065619	0.013883064	0.00000000	0.004216514	0.000512550	0.00472906
606587.8	4201008.22	0.00000000	0.00747136	0.002116506	0.00958787	0.00000000	0.000596316	0.000176701	0.00077302	0	0.010686952	0.003179988	0.01386694	0.00000000	0.003812251	0.000757928	0.00457018
606627.8	4201368.22	0.00000000	0.008630403	0.000744696	0.00937510	0.00000000	0.000689019	0.000063087	0.00075211	0	0.012352355	0.001159005	0.01351136	0.00000000	0.004411366	0.000307942	0.00471931
606647.8	4201088.22	0.00000000	0.007897794	0.001447693	0.00934549	0.00000000	0.00063045	0.000121395	0.00075184	0	0.011300698	0.002198435	0.013499133	0.00000000	0.004033716	0.000542405	0.00457612
606647.8	4201328.22	0.00000000	0.008516343	0.000793509	0.00930985	0.00000000	0.000679904	0.000067152	0.00074706	0	0.012188772	0.0012319	0.013420672	0.00000000	0.004352723	0.000324963	0.00467769
606667.8	4201208.22	0.00000000	0.008275817	0.001011737	0.00928755	0.00000000	0.000660687	0.000085298	0.00074598	0	0.01184396	0.001556548	0.013400508	0.00000000	0.004229209	0.000399786	0.00462900
606593.18	4201421.18	0.00000000	0.008581429	0.000691094	0.00927252	0.00000000	0.000685147	0.000058580	0.00074373	0	0.012283736	0.001077053	0.013360789	0.00000000	0.004387848	0.000287289	0.00467514
606667.8	4201228.22	0.00000000	0.008304575	0.000965206	0.00926978	0.00000000	0.000662992	0.000081437	0.00074443	0	0.011885464	0.001487707	0.013373171	0.00000000	0.004244262	0.000384224	0.00462849
606667.8	4201188.22	0.00000000	0.00820477	0.001062697	0.00926747	0.00000000	0.000655014	0.000089524	0.00074454	0	0.011742259	0.001631877	0.013374136	0.00000000	0.00419288	0.000416762	0.00460964
606667.8	4201248.22	0.00000000	0.008287043	0.000922541	0.00920958	0.00000000	0.000661611	0.000077897	0.00073951	0	0.011861092	0.001424535	0.013285627	0.00000000	0.00423604	0.000369903	0.00460594
606567.8	4200988.22	0.00000000	0.006833868	0.002374549	0.00920842	0.00000000	0.000545507	0.000198036	0.00074354	0	0.009777822	0.003558566	0.013336388	0.00000000	0.003489774	0.000840949	0.00433072
606667.8	4201168.22	0.00000000	0.008082549	0.00111853	0.00920108	0.00000000	0.000645269	0.000094155	0.00073942	0	0.011567815	0.001714447	0.013282261	0.00000000	0.004130906	0.000435402	0.00456631
606667.8	4201148.22	0.00000000	0.007919441	0.0011802	0.00909964	0.00000000	0.000632268	0.000099269	0.00073154	0	0.011335178	0.001805578	0.013140756	0.00000000	0.004048368	0.000455917	0.00450429
606667.8	4201268.22	0.00000000	0.008211475	0.000883189	0.00909466	0.00000000	0.00065561	0.000074631	0.00073024	0	0.011754183	0.001366273	0.013120456	0.00000000	0.004198695	0.000356700	0.00455539

606607.8	4201408.22	0.00000000	0.008338656	0.000700752	0.00903941	0.00000000	0.000665819	0.000059409	0.00072523	0	0.011938338	0.001092569	0.013030907	0.00000000	0.004265883	0.000291781	0.00455766
606647.8	4201068.22	0.00000000	0.007468849	0.001549546	0.00901839	0.00000000	0.000596289	0.000129840	0.00072613	0	0.010690047	0.002348919	0.013038966	0.00000000	0.00381783	0.000576261	0.00439409
606667.8	4201128.22	0.00000000	0.007712672	0.001248631	0.00896130	0.00000000	0.000615792	0.000104943	0.00072073	0	0.011040424	0.001906662	0.012947086	0.00000000	0.003943897	0.000478641	0.00442254
606607.8	4201008.22	0.00000000	0.006872011	0.002072403	0.00894441	0.00000000	0.000548646	0.000173087	0.00072173	0	0.009836065	0.003116726	0.012952791	0.00000000	0.003513015	0.000745221	0.00425824
606667.8	4201288.22	0.00000000	0.008064122	0.000846655	0.00891078	0.00000000	0.000643897	0.000071602	0.00071550	0	0.01154527	0.001312309	0.012857579	0.00000000	0.004125415	0.000344570	0.00446998
606647.8	4201348.22	0.00000000	0.008104496	0.000762833	0.00886733	0.00000000	0.000647143	0.000064616	0.00071176	0	0.011603933	0.001186912	0.012790845	0.00000000	0.004146952	0.000315111	0.00446206
606667.8	4201108.22	0.00000000	0.007455908	0.001324864	0.00878077	0.00000000	0.000595336	0.000111264	0.00070660	0	0.010674599	0.002019287	0.012693885	0.00000000	0.003814369	0.000503972	0.00431834
606587.8	4200988.22	0.00000000	0.006434791	0.00233384	0.00876863	0.00000000	0.000513778	0.000194702	0.00070848	0	0.009211731	0.003500254	0.012711986	0.00000000	0.003291013	0.000829305	0.00412032
606627.8	4201388.22	0.00000000	0.008008322	0.000717173	0.00872549	0.00000000	0.000639521	0.000060810	0.00070033	0	0.011468436	0.001118573	0.01258701	0.00000000	0.004100003	0.000299032	0.00439903
606667.8	4201308.22	0.00000000	0.007850439	0.000812715	0.00866315	0.00000000	0.000626905	0.000068789	0.00069569	0	0.01124204	0.001262222	0.012504262	0.00000000	0.004018867	0.000333348	0.00435221
606547.8	4200968.22	0.00000000	0.005943398	0.002674365	0.00861776	0.00000000	0.000474572	0.000222845	0.00069742	0	0.008509376	0.00399932	0.012508696	0.00000000	0.003040822	0.000938327	0.00397915
606667.8	4201088.22	0.00000000	0.007153212	0.001410565	0.00856378	0.00000000	0.000571224	0.000118369	0.00068959	0	0.010243452	0.002145869	0.012389321	0.00000000	0.003661792	0.000532419	0.00419421
606687.8	4201208.22	0.00000000	0.007444736	0.000991067	0.00843580	0.00000000	0.000594574	0.000083641	0.00067822	0	0.010663645	0.001528516	0.012192162	0.00000000	0.003813825	0.000395495	0.00420932
606687.8	4201188.22	0.00000000	0.007389556	0.001039955	0.00842951	0.00000000	0.000590167	0.000087696	0.00067786	0	0.010584584	0.001600823	0.012185407	0.00000000	0.003785534	0.000411823	0.00419736
606687.8	4201228.22	0.00000000	0.007460213	0.000946314	0.00840653	0.00000000	0.00059582	0.000079927	0.00067575	0	0.010686192	0.001462266	0.012148457	0.00000000	0.003822141	0.000380487	0.00420263
606567.8	4200968.22	0.00000000	0.005749949	0.002645377	0.00839533	0.00000000	0.000459209	0.000220480	0.00067969	0	0.008235629	0.003958166	0.012193795	0.00000000	0.002945153	0.000930415	0.00387557
606687.8	4201168.22	0.00000000	0.007296534	0.001093567	0.00839010	0.00000000	0.000582746	0.000092142	0.00067489	0	0.010451653	0.001680046	0.012131699	0.00000000	0.0037382	0.000429656	0.00416786
606627.8	4201008.22	0.00000000	0.006359869	0.002023298	0.00838317	0.00000000	0.000507923	0.000169064	0.00067699	0	0.009109376	0.003046316	0.012155692	0.00000000	0.003257721	0.000731100	0.00398882
606647.8	4201368.22	0.00000000	0.007610512	0.000733871	0.00834438	0.00000000	0.000607857	0.000062236	0.00067009	0	0.010902751	0.001145075	0.012047826	0.00000000	0.003900445	0.000306465	0.00420691
606667.8	4201328.22	0.00000000	0.007562031	0.000780963	0.00834299	0.00000000	0.000603967	0.000066161	0.00067013	0	0.010832623	0.001215509	0.012048132	0.00000000	0.003874907	0.000323000	0.00419791
606687.8	4201248.22	0.00000000	0.007431917	0.000905173	0.00833709	0.00000000	0.000593581	0.000076512	0.00067009	0	0.010646444	0.001401316	0.01204776	0.00000000	0.003808449	0.000366642	0.00417509
606607.8	4200988.22	0.00000000	0.006044105	0.002285816	0.00832992	0.00000000	0.000482719	0.000190765	0.00067348	0	0.008657649	0.00343126	0.012088909	0.00000000	0.00309654	0.000815358	0.00391190
606687.8	4201148.22	0.00000000	0.007159661	0.001152411	0.00831207	0.00000000	0.000571835	0.000097022	0.00066886	0	0.010256382	0.001767028	0.01202341	0.00000000	0.003668884	0.000449258	0.00411814
606667.8	4201068.22	0.00000000	0.006800688	0.001507569	0.00830826	0.00000000	0.000543147	0.000126411	0.00066956	0	0.009741478	0.002289157	0.012030635	0.00000000	0.003484249	0.000564629	0.00404888
606613.18	4201421.18	0.00000000	0.007544489	0.000682329	0.00822682	0.00000000	0.000602617	0.000057893	0.00066051	0	0.010809445	0.001065874	0.01187532	0.00000000	0.003867919	0.000286197	0.00415412
606687.8	4201268.22	0.00000000	0.007344658	0.000867028	0.00821169	0.00000000	0.00058665	0.000073348	0.00066000	0	0.010522923	0.001344917	0.01186784	0.00000000	0.003765251	0.000353920	0.00411917
606687.8	4201128.22	0.00000000	0.006986691	0.001217547	0.00820424	0.00000000	0.000558049	0.000102422	0.00066047	0	0.010009731	0.001863243	0.011872974	0.00000000	0.00358141	0.000470887	0.00405230
606587.8	4200968.22	0.00000000	0.005524529	0.002605824	0.00813035	0.00000000	0.000441303	0.000217242	0.00065855	0	0.007916516	0.003901562	0.011818078	0.00000000	0.002833544	0.000919154	0.00375270
606687.8	4201108.22	0.00000000	0.006774739	0.00128993	0.00806467	0.00000000	0.00054116	0.000108423	0.00064958	0	0.009707627	0.001970131	0.011677758	0.00000000	0.003474359	0.000494889	0.00396925
606687.8	4201288.22	0.00000000	0.007208188	0.000831743	0.00803993	0.00000000	0.000575801	0.000070421	0.00064622	0	0.010329382	0.00129272	0.011622102	0.00000000	0.003697326	0.000342126	0.00403945
606627.8	4201408.22	0.00000000	0.007341542	0.000691306	0.00803285	0.00000000	0.000586464	0.000058670	0.00064513	0	0.010520885	0.001080556	0.011601441	0.00000000	0.003766144	0.000290640	0.00405678
606667.8	4201348.22	0.00000000	0.007207115	0.000751179	0.00795829	0.00000000	0.000575737	0.000063698	0.00063943	0	0.010328679	0.001171811	0.011500489	0.00000000	0.003697631	0.000313415	0.00401105
606627.8	4200988.22	0.00000000	0.005682332	0.002229634	0.00791197	0.00000000	0.000453962	0.000186152	0.00064011	0	0.008144691	0.00335025	0.011494942	0.00000000	0.002916582	0.000798737	0.00371532
606687.8	4201088.22	0.00000000	0.006519588	0.001370819	0.00789041	0.00000000	0.000520834	0.000115130	0.00063596	0	0.009344141	0.002089623	0.011433764	0.00000000	0.003345686	0.000521756	0.00386744
606647.8	4201008.22	0.00000000	0.005910496	0.001965614	0.00787611	0.00000000	0.000472195	0.000164330	0.00063653	0	0.008471929	0.002963236	0.011435165	0.00000000	0.003033899	0.000714134	0.00374803
606607.8	4200968.22	0.00000000	0.005287757	0.002556087	0.00784384	0.00000000	0.000422495	0.000213161	0.00063566	0	0.007581277	0.003829968	0.011411245	0.00000000	0.002716257	0.000904566	0.00362082
606687.8	4201308.22	0.00000000	0.00701578	0.000798915	0.00781470	0.00000000	0.0005605	0.000067699	0.00062820	0	0.010056306	0.001244208	0.011300514	0.00000000	0.003601346	0.000331204	0.00393255
606647.8	4201388.22	0.00000000	0.007096009	0.000707042	0.00780305	0.00000000	0.000566921	0.000060017	0.00062694	0	0.01017175	0.001105642	0.011277393	0.00000000	0.003642987	0.000297760	0.00394075
606707.8	4201188.22	0.00000000	0.006691032	0.001016382	0.00770741	0.00000000	0.000534611	0.000085804	0.00062042	0	0.009592996	0.001568708	0.011161704	0.00000000	0.003436883	0.000406778	0.00384366
606707.8	4201208.22	0.00000000	0.006732778	0.000969766	0.00770254	0.00000000	0.000537948	0.000081935	0.00061988	0	0.009652875	0.00149971	0.011152585	0.00000000	0.003458353	0.000391156	0.00384951
606687.8	4201068.22	0.00000000	0.006225509	0.001462161	0.00768767	0.00000000	0.000497409	0.000122702	0.00062011	0	0.008925291	0.002224528	0.011149819	0.00000000	0.003197477	0.000552066	0.00374954
606707.8	4201168.22	0.00000000	0.006617555	0.001067433	0.00768499	0.00000000	0.000528747	0.000090037	0.00061878	0	0.009487904	0.001644153	0.011132057	0.00000000	0.003399399	0.000423767	0.00382317
606707.8	4201228.22	0.00000000	0.006735816	0.000926873	0.00766269	0.00000000	0.000538202	0.000078376	0.00061658	0	0.009657678	0.001436192	0.01109387	0.00000000	0.003460373	0.000376750	0.00383712
606707.8	4201148.22	0.00000000	0.006509006	0.001123419	0.00763242	0.00000000	0.000520091	0.000094679	0.00061477	0	0.009332909	0.001726864	0.011059773	0.00000000	0.003344292	0.000442368	0.00378666
606707.8	4201248.22	0.00000000	0.006694997	0.00088724	0.00758224	0.00000000	0.000534966	0.000075087	0.00061005	0	0.009600126	0.001377532	0.010977658	0.00000000	0.003440402	0.000363469	0.00380387
606707.8	4201128.22	0.00000000	0.006365186	0.001185044	0.00755023	0.00000000	0.000508626	0.000099788	0.00060841	0	0.009127744	0.001817887	0.010945631	0.00000000	0.003271475	0.000462825	0.00373430
606687.8	4201328.22	0.00000000	0.006764808	0.000768204	0.00753301	0.00000000	0.000540539	0.000065155	0.00060569	0	0.009700023	0.001198956	0.010898979	0.00000000	0.003476064	0.000321122	0.00379719
606627.8	4200968.22	0.00000000	0.005033785	0.00248524	0.00751903	0.00000000	0.000402322	0.000207337	0.00060966	0	0.00722178	0.003727493	0.010949273	0.00000000	0.002590548	0.000883280	0.00347383
606667.8	4201368.22	0.00000000	0.006791979	0.000723086	0.00751506	0.00000000	0.000542725	0.000061390	0.00060411	0	0.009739565	0.001131236	0.010870801	0.00000000	0.003490622	0.000305036	0.00379566
606647.8	4200988.22	0.00000000	0.005343126	0.002160043	0.00750317	0.00000000	0.000427008	0.000180436	0.00060744	0	0.007664094	0.003249799	0.010913893	0.00000000	0.002748221	0.000778041	0.00352626
606707.8	4201268.22	0.00000000	0.006611678	0.000850586	0.00746226	0.00000000	0.000528346	0.000072045	0.00060039	0	0.009482105	0.001323259	0.010805364	0.00000000	0.003399076	0.000351164	0.00375024
606707.8	4201108.22	0.00000000	0.00618765	0.0012533	0.00744095	0.00000000	0.000494477	0.000105446	0.00059992	0	0.008874611	0.001918673	0.010793284	0.00000000	0.003181722	0.000485451	0.00366717
606667.8	4201008.22	0.00000000	0.005504403	0.001898471	0.00740287	0.00000000	0.000439915	0.000158816	0.00059873	0	0.007896155	0.00286637	0.010762524	0.00000000	0.002831919	0.000694218	0.00352614
606633.18	4201421.18	0.00000000	0.006710792	0.000673096	0.00738389	0.00000000	0.000536271	0.000057174	0.00059344	0	0.009624421	0.001054251	0.010678672	0.00000000	0.003450207	0.000285205	0.00373541
606707.8	4201088.22	0.00000000	0.00597492	0.001329301	0.00730422	0.00000000	0.000477528	0.000111747	0.00058927	0	0.008571444	0.002030906	0.01060235	0.00000000	0.003074325	0.000510655	0.00358498
606707.8	4201288.22	0.00000000	0.006477828	0.000816446	0.00729427	0.00000000	0.000517705	0.000069214	0.00058692	0	0.009292289	0.00127281	0.010565099	0.00000000	0.003332463	0.000339809	0.00367227
606647.8	4201408.22	0.00000000	0.006547806	0.000681724	0.00722953	0.00000000	0.000523301	0.000057922	0.00058122	0	0.009392796	0.001068464	0.010461261	0.00000000	0.003368592	0.000289579	0.00365817
606687.8	4201348.22	0.00000000	0.006458291	0.000739325	0.00719762	0.00000000	0.000516159	0.000062767	0.00057893	0	0.009264838	0.001156567	0.010421405	0.00000000	0.003323002	0.000311809	0.00363481
606647.8	4200968.22	0.00000000	0.004793663	0.002399586	0.00719325	0.00000000	0.000383251	0.000200284	0.00058353	0	0.006881918	0.003603112	0.01048503	0.00000000	0.002471726	0.000857041	0.00332877
606707.8	4201068.22	0.00000000	0.005729977	0.001414704	0.00714468	0.00000000	0.000458014	0.000118826	0.00057684	0	0.008222455	0.002156986	0.01037944	0.00000000	0.002950754	0.000538939	0.00348969
606667.8	4200988.22	0.00000000	0.005031509	0.002079491	0.00711100	0.00000000	0.000402257	0.000173819	0.00057608	0	0.00722301	0.003133525	0.010356534	0.00000000	0.002593988	0.000754083	0.00334807
606707.8	4201308.22	0.00000000	0.006306578	0.000784806	0.00709138	0.00000000	0.000504086	0.000066588	0.00057067	0	0.009049196	0.001225973	0.010275169	0.00000000	0.003246993	0.000329198	0.00357619
606727.8	4201188.22	0.00000000	0.006087393	0.000992144	0.00707954	0.00000000	0.000486613	0.000083860	0.00057047	0	0.008736497	0.001535798	0.010272296	0.00000000	0.003135997	0.000401705	0.00353770
606727.8	4201168.22	0.00000000	0.006030122	0.001040522	0.00707064	0.00000000	0.00048204	0.000087872	0.00056991	0	0.008654501	0.001607312	0.010261813	0.00000000	0.003106696	0.000417824	0.00352452
606727.8	4201208.22	0.00000000	0.006114269	0.000947749	0.00706202	0.00000000	0.000488765	0.000080176	0.00056894	0	0.008775199	0.001470091	0.01024529	0.00000000	0.003149976	0.000386831	0.00353681
606667.8	4201388.22	0.00000000	0.006351426	0.0006968	0.00704823	0.00000000	0.000507675	0.000059216	0.00056689	0	0.009113723	0.001092663	0.010206385	0.00000000	0.003270263	0.000296569	0.00356683
606727.8	4201148.22	0.00000000	0.005944285	0.001093474	0.00703776	0.00000000	0.000475191	0.000092262	0.00056745	0	0.008531805	0.001685495	0.0102173	0.00000000	0.003062984	0.000435371	0.00349835
606727.8	4201228.22	0.00000000	0.006108783	0.000906859	0.00701564	0.00000000	0.000488339	0.000076782	0.00056512	0	0.008767812	0.001409498	0.01017731	0.00000000	0.003147649	0.000373054	0.00352070
606727.8	4201128.22	0.00000000	0.005828439	0.001151535	0.00697997	0.00000000	0.000465953	0.000097074	0.00056303	0	0.008366401	0.001771189	0.010137591	0.00000000	0.003004182	0.000454578	0.00345876
606687.8	4201008.22	0.00000000	0.005146553	0.001826297	0.00697285	0.00000000	0.000411476	0.000152886	0.00056436	0	0.007389014	0.002762121	0.010151135	0.00000000	0.002654173	0.000672682	0.00332686
606727.8	4201248.22	0.00000000	0.00606435	0.000868946	0.00693330	0.00000000	0.000484813	0.000073635	0.00055845	0	0.008705059	0.001353346	0.010058405	0.00000000	0.0031258	0.000360312	0.00348611
606727.8	4201108.22	0.00000000	0.00568013	0.001215492	0.00689562	0.00000000	0.000454131	0.000102375	0.00055651	0	0.008154852	0.001865614	0.010020466	0.00000000	0.002929114	0.000475765	0.00340488
606667.8	4200968.22	0.00000000	0.004568393	0.002301618	0.00687001	0.00000000	0.000365373	0.000192224	0.00055760	0	0.00656363	0.003461119	0.010024749	0.00000000	0.00236082	0.000827307	0.00318813
606707.8	4201328.22	0.00000000	0.006093599	0.000755283	0.00684888	0.00000000	0.000487144	0.000064139	0.00055128	0	0.008746748	0.00118228	0.009929028	0.00000000	0.003140572	0.000319310	0.00345988
606687.8	4201368.22	0.00000000	0.006111019	0.000712176	0.00682319	0.00000000	0.000488546	0.000060535	0.00054908	0	0.00877214	0.001117315	0.009889455	0.00000000	0.003149947	0.000303670	0.00345362
606727.8	4201268.22	0.00000000	0.005979403	0.0008337	0.00681310	0.00000000	0.000478063	0.000070711	0.00054877	0	0.008584718	0.001301198	0.009885915	0.00000000	0.003083652	0.000348521	0.00343217
606727.8	4201088.22	0.00000000	0.005501215	0.001286335	0.00678755	0.00000000	0.000439873	0.000108248	0.00054812	0	0.007899792	0.001970214	0.009870006	0.00000000	0.002838703	0.000499242	0.00333795
606687.8	4200988.22	0.00000000	0.004745775	0.001990946	0.00673672	0.00000000	0.000379559	0.000166532	0.00054609	0	0.006818442	0.003005114	0.009823556	0.00000000	0.002452443	0.000727132	0.00317958
606667.8	4200948.22	0.00000000	0.004125538	0.002579891	0.00670543	0.00000000	0.000330104	0.000215281	0.00054538	0	0.005933115	0.003871565	0.00980468	0.00000000	0.00213787	0.000919089	0.00305696
606653.18	4201421.18	0.00000000	0.006022792	0.000663646	0.00668644	0.00000000	0.000481526	0.000056440	0.00053797	0	0.00864677	0.001042478	0.009689248	0.00000000	0.00310578	0.000284314	0.00339009
606727.8	4201288.22	0.00000000	0.005858636	0.000800972	0.00665961	0.00000000	0.000468461	0.000067995	0.00053646	0	0.008413393	0.001252741	0.009666134	0.00000000	0.003023487	0.000337538	0.00336102
606727.8	4201068.22	0.00000000	0.005293344	0.00136535	0.00665869	0.00000000	0.000423311	0.000114798	0.00053811	0	0.007603558	0.002086875	0.009690433	0.00000000	0.002733768	0.000525422	0.00325919
606667.8	4201408.22	0.00000000	0.005905913	0.0006723	0.00657821	0.00000000	0.000472227	0.000057189	0.00052942	0	0.008480727	0.001056643	0.00953737	0.00000000	0.003047312	0.000288609	0.00333592
606707.8	4201348.22	0.00000000	0.005831357	0.000727404	0.00655876	0.00000000	0.000466285	0.000061832	0.00052812	0	0.008374424	0.001141286	0.00951571	0.00000000	0.003009619	0.000310246	0.00331987
606747.8	4201168.22	0.00000000	0.00552163	0.001013104	0.00653473	0.00000000	0.000441618	0.000085668	0.00052729	0	0.007933454	0.00156983	0.009503285	0.00000000	0.002853696	0.000411824	0.00326552
606687.8	4200968.22	0.00000000	0.004345639	0.002188557	0.00653420	0.00000000	0.000347691	0.000182907	0.00053060	0	0.006248727	0.003296641	0.009545368	0.00000000	0.002250978	0.000792366	0.00304334
606747.8	4201188.22	0.00000000	0.005563048	0.000967368	0.00653042	0.00000000	0.000444929	0.000081875	0.00052680	0	0.007992898	0.00150225	0.009495149	0.00000000	0.002875035	0.000396615	0.00327165
606747.8	4201148.22	0.00000000	0.005453285	0.001062914	0.00651620	0.00000000	0.000436163	0.000089797	0.00052596	0	0.007835663	0.00164337	0.009479033	0.00000000	0.002818791	0.000428326	0.00324712
606727.8	4201048.22	0.00000000	0.005058626	0.001454127	0.00651275	0.00000000	0.000404612	0.000122156	0.00052677	0	0.007269147	0.002217932	0.00948708	0.00000000	0.002615365	0.000554820	0.00317019
606747.8	4201208.22	0.00000000	0.005578467	0.000925341	0.00650381	0.00000000	0.000446168	0.000078388	0.00052456	0	0.00801527	0.00144004	0.009455311	0.00000000	0.002883228	0.000382526	0.00326575
606747.8	4201128.22	0.00000000	0.005357165	0.001117289	0.00647445	0.00000000	0.000428496	0.000094304	0.00052280	0	0.007698357	0.001723636	0.009421992	0.00000000	0.002769933	0.000446326	0.00321626
606727.8	4201308.22	0.00000000	0.005702313	0.000770467	0.00647278	0.00000000	0.000456028	0.000065463	0.00052149	0	0.008191479	0.001207568	0.009399047	0.00000000	0.002945455	0.000327292	0.00327275
606747.8	4201228.22	0.00000000	0.005563338	0.000886404	0.00644974	0.00000000	0.000444975	0.000075156	0.00052013	0	0.007994166	0.00138237	0.009376536	0.00000000	0.002876058	0.000369438	0.00324550
606687.8	4201388.22	0.00000000	0.005734993	0.000686543	0.00642154	0.00000000	0.000458633	0.000058418	0.00051705	0	0.008238095	0.0010798	0.009317896	0.00000000	0.002961999	0.000295517	0.00325752
606747.8	4201108.22	0.00000000	0.005233635	0.001176887	0.00641052	0.00000000	0.000418647	0.000099243	0.00051789	0	0.007522061	0.001811603	0.009333664	0.00000000	0.002707313	0.000466047	0.00317336
606687.8	4200948.22	0.00000000	0.003949665	0.002424375	0.00637404	0.00000000	0.000316151	0.000202445	0.00051860	0	0.005684805	0.003644352	0.009329157	0.00000000	0.002051472	0.000870026	0.00292150
606707.8	4200988.22	0.00000000	0.00447682	0.001895887	0.00637271	0.00000000	0.0003582	0.000158710	0.00051691	0	0.006437879	0.002867285	0.009305164	0.00000000	0.002319465	0.000698228	0.00301769
606747.8	4201248.22	0.00000000	0.005516137	0.00085025	0.00636639	0.00000000	0.000441228	0.000072155	0.00051338	0	0.00792743	0.001328807	0.009256237	0.00000000	0.002852773	0.000357269	0.00321004
606747.8	4201088.22	0.00000000	0.005081281	0.001242385	0.00632367	0.00000000	0.000406505	0.000104674	0.00051118	0	0.007304831	0.00190835	0.009213181	0.00000000	0.002630288	0.000487792	0.00311808
606687.8	4200928.22	0.00000000	0.003577307	0.002715991	0.00629330	0.00000000	0.000286482	0.000226596	0.00051308	0	0.005154145	0.004073947	0.009228092	0.00000000	0.001863485	0.000965663	0.00282915
606727.8	4201328.22	0.00000000	0.00551285	0.000741972	0.00625482	0.00000000	0.000440957	0.000063098	0.00050406	0	0.007922418	0.001165375	0.009087792	0.00000000	0.002850777	0.000317726	0.00316850
606747.8	4201268.22	0.00000000	0.005432528	0.000816475	0.00624900	0.00000000	0.000434584	0.000069354	0.00050394	0	0.007808989	0.001278874	0.009087862	0.00000000	0.002811294	0.000346010	0.00315730
606707.8	4201368.22	0.00000000	0.005534453	0.00070111	0.00623556	0.00000000	0.00044268	0.000059670	0.00050235	0	0.007953273	0.001103247	0.00905652	0.00000000	0.002861754	0.000302338	0.00316409
606747.8	4201068.22	0.00000000	0.004905342	0.001315071	0.00622041	0.00000000	0.000392485	0.000110698	0.00050318	0	0.007054018	0.002015647	0.009069665	0.00000000	0.002541386	0.000511854	0.00305324
606707.8	4200968.22	0.00000000	0.004128748	0.002067777	0.00619653	0.00000000	0.000330478	0.000172954	0.00050343	0	0.005942251	0.003120901	0.009063152	0.00000000	0.00214417	0.000755006	0.00289918
606673.18	4201421.18	0.00000000	0.00546495	0.000654501	0.00611945	0.00000000	0.000437144	0.000055731	0.00049288	0	0.007854275	0.001031148	0.008885423	0.00000000	0.002826719	0.000283518	0.00311024
606747.8	4201288.22	0.00000000	0.005321812	0.000785127	0.00610694	0.00000000	0.00042578	0.000066751	0.00049253	0	0.007651874	0.001232399	0.008884273	0.00000000	0.002756087	0.000335427	0.00309151
606747.8	4201048.22	0.00000000	0.004706282	0.001396044	0.00610233	0.00000000	0.000376624	0.000117410	0.00049403	0	0.006770318	0.002135155	0.008905473	0.00000000	0.002440875	0.000538639	0.00297951
606767.8	4201168.22	0.00000000	0.005074946	0.000985342	0.00606029	0.00000000	0.000406121	0.000083439	0.00048956	0	0.007300474	0.001532041	0.008832515	0.00000000	0.002631882	0.000405916	0.00303780
606767.8	4201148.22	0.00000000	0.005022462	0.001032076	0.00605454	0.00000000	0.000401928	0.000087312	0.00048924	0	0.00722524	0.001600999	0.008826239	0.00000000	0.002604936	0.000421357	0.00302629
606707.8	4200948.22	0.00000000	0.003781635	0.002267844	0.00604948	0.00000000	0.000302831	0.000189533	0.00049236	0	0.005447955	0.003416018	0.008863974	0.00000000	0.001969324	0.000821017	0.00279034
606767.8	4201188.22	0.00000000	0.005103501	0.000942275	0.00604578	0.00000000	0.000408408	0.000079869	0.00048828	0	0.007341612	0.001468429	0.008810042	0.00000000	0.002646754	0.000391620	0.00303837
606687.8	4201408.22	0.00000000	0.005365973	0.000662823	0.00602880	0.00000000	0.000429272	0.000056454	0.00048573	0	0.007713782	0.001044858	0.00875864	0.00000000	0.002777327	0.000287739	0.00306507
606727.8	4200988.22	0.00000000	0.004225828	0.001798148	0.00602398	0.00000000	0.000338275	0.000150670	0.00048894	0	0.006083009	0.002725693	0.008808702	0.00000000	0.00219565	0.000668634	0.00286428
606767.8	4201128.22	0.00000000	0.004940823	0.001082586	0.00602341	0.00000000	0.000395417	0.000091501	0.00048692	0	0.007108631	0.00167565	0.008784281	0.00000000	0.002563451	0.000438171	0.00300162
606767.8	4201208.22	0.00000000	0.005108519	0.000902508	0.00601103	0.00000000	0.000408819	0.000076569	0.00048539	0	0.007349187	0.001409591	0.008758778	0.00000000	0.002649721	0.000378315	0.00302804
606727.8	4201348.22	0.00000000	0.005292259	0.000715225	0.00600748	0.00000000	0.000423409	0.000060880	0.00048429	0	0.00760912	0.001125841	0.00873496	0.00000000	0.002740513	0.000308819	0.00304933
606767.8	4201108.22	0.00000000	0.004837454	0.001137847	0.00597530	0.00000000	0.000387173	0.000096082	0.00048325	0	0.006961048	0.001757228	0.008718275	0.00000000	0.002510989	0.000456469	0.00296746
606707.8	4200928.22	0.00000000	0.003452516	0.002508588	0.00596110	0.00000000	0.000276613	0.000209477	0.00048609	0	0.004979129	0.003770964	0.008750094	0.00000000	0.001803384	0.000900270	0.00270365
606767.8	4201228.22	0.00000000	0.005087024	0.000865585	0.00595261	0.00000000	0.000407118	0.000073505	0.00048062	0	0.007319014	0.001354918	0.008673932	0.00000000	0.002639341	0.000365919	0.00300526
606747.8	4201308.22	0.00000000	0.005179158	0.000755778	0.00593494	0.00000000	0.000414435	0.000064315	0.00047875	0	0.007449373	0.001188948	0.008638321	0.00000000	0.002684887	0.000325580	0.00301047
606767.8	4201088.22	0.00000000	0.004710369	0.001198342	0.00590871	0.00000000	0.000377043	0.000101096	0.00047814	0	0.006779737	0.001846537	0.008626274	0.00000000	0.002446627	0.000476504	0.00292313
606707.8	4201388.22	0.00000000	0.005214501	0.000676237	0.00589074	0.00000000	0.000417232	0.000057618	0.00047485	0	0.007499014	0.001066953	0.008565968	0.00000000	0.002701984	0.000294539	0.00299652
606727.8	4200968.22	0.00000000	0.003924449	0.001946554	0.00587100	0.00000000	0.000314269	0.000162968	0.00047724	0	0.005653783	0.002944638	0.008598421	0.00000000	0.002043784	0.000717633	0.00276142
606767.8	4201248.22	0.00000000	0.00503715	0.000831165	0.00586831	0.00000000	0.000403158	0.000070649	0.00047381	0	0.007248472	0.001303953	0.008552425	0.00000000	0.002614711	0.000354365	0.00296908
606767.8	4201068.22	0.00000000	0.004560889	0.001264849	0.00582574	0.00000000	0.000365129	0.000106609	0.00047174	0	0.006566575	0.001944709	0.008511284	0.00000000	0.002371024	0.000498518	0.00286954
606767.8	4201268.22	0.00000000	0.004961787	0.000799146	0.00576093	0.00000000	0.000397167	0.000067990	0.00046516	0	0.007141602	0.001256462	0.008398064	0.00000000	0.00257721	0.000343532	0.00292074
606747.8	4201328.22	0.00000000	0.005013448	0.000728425	0.00574187	0.00000000	0.000401251	0.000062043	0.00046329	0	0.007213975	0.001148338	0.008362313	0.00000000	0.002602007	0.000316287	0.00291829
606727.8	4200948.22	0.00000000	0.003620706	0.002115299	0.00573600	0.00000000	0.000290075	0.000176951	0.00046703	0	0.00522119	0.003193558	0.008414748	0.00000000	0.001890725	0.000773316	0.00266404
606727.8	4201368.22	0.00000000	0.005044292	0.000689988	0.00573428	0.00000000	0.000403684	0.000058791	0.00046247	0	0.007256987	0.001088696	0.008345684	0.00000000	0.00261661	0.000300577	0.00291719
606767.8	4201048.22	0.00000000	0.004388991	0.001338001	0.00572699	0.00000000	0.000351432	0.000112673	0.00046410	0	0.006321568	0.002052727	0.008374295	0.00000000	0.00228421	0.000522770	0.00280698
606747.8	4200988.22	0.00000000	0.00399002	0.001700531	0.00569055	0.00000000	0.000319564	0.000142646	0.00046221	0	0.005749958	0.002584566	0.008334524	0.00000000	0.002079685	0.000639375	0.00271906
606693.18	4201421.18	0.00000000	0.004998288	0.00064554	0.00564383	0.00000000	0.000400021	0.000055039	0.00045506	0	0.007191528	0.001020123	0.008211651	0.00000000	0.002593491	0.000282817	0.00287631
606787.8	4201148.22	0.00000000	0.004638545	0.001001003	0.00563955	0.00000000	0.000371434	0.000084815	0.00045625	0	0.00668177	0.001558583	0.008240353	0.00000000	0.002414871	0.000414622	0.00282949
606787.8	4201168.22	0.00000000	0.00467996	0.000957416	0.00563738	0.00000000	0.000374744	0.000081203	0.00045595	0	0.006741205	0.001494235	0.008235441	0.00000000	0.002436204	0.000400186	0.00283639
606727.8	4200928.22	0.00000000	0.003323466	0.002307584	0.00563105	0.00000000	0.000266392	0.000192876	0.00045927	0	0.004797586	0.003476867	0.008274453	0.00000000	0.001740665	0.000836421	0.00257709
606767.8	4201288.22	0.00000000	0.004857921	0.000769121	0.00562704	0.00000000	0.000388908	0.000065497	0.00045441	0	0.006994228	0.001211983	0.008206212	0.00000000	0.002525438	0.000333431	0.00285887
606767.8	4201128.22	0.00000000	0.004573196	0.001048027	0.00562122	0.00000000	0.000366219	0.000088714	0.00045493	0	0.006588329	0.001628054	0.008216383	0.00000000	0.002381562	0.000430246	0.00281181
606787.8	4201188.22	0.00000000	0.004698181	0.000916979	0.00561516	0.00000000	0.000376208	0.000077851	0.00045406	0	0.00676764	0.001434538	0.008202178	0.00000000	0.002445883	0.000386793	0.00283268
606787.8	4201108.22	0.00000000	0.004486942	0.0010991	0.00558604	0.00000000	0.000359339	0.000092948	0.00045229	0	0.006465125	0.001703463	0.008168588	0.00000000	0.002337727	0.000447171	0.00278490
606787.8	4201208.22	0.00000000	0.004695527	0.000879515	0.00557504	0.00000000	0.000376008	0.000074743	0.00045075	0	0.006764282	0.001379114	0.008143395	0.00000000	0.002444978	0.000374266	0.00281924
606747.8	4200968.22	0.00000000	0.003728665	0.001827603	0.00555627	0.00000000	0.000298744	0.000153175	0.00045192	0	0.005377624	0.00277198	0.008149604	0.00000000	0.001947874	0.000681272	0.00262915
606707.8	4201408.22	0.00000000	0.004898443	0.000653105	0.00555155	0.00000000	0.000392086	0.000055703	0.00044779	0	0.007050013	0.001032922	0.008082935	0.00000000	0.002543881	0.000287000	0.00283088
606787.8	4201088.22	0.00000000	0.004379397	0.001154644	0.00553404	0.00000000	0.000350764	0.000097552	0.00044832	0	0.00631164	0.001785474	0.008097114	0.00000000	0.002283208	0.000465579	0.00274879
606747.8	4201348.22	0.00000000	0.00482488	0.000702774	0.00552765	0.00000000	0.000386247	0.000059912	0.00044616	0	0.006946049	0.001110258	0.008056307	0.00000000	0.002507638	0.000307573	0.00281521
606787.8	4201228.22	0.00000000	0.004668803	0.000844567	0.00551337	0.00000000	0.000373891	0.000071843	0.00044573	0	0.006726679	0.001327408	0.008054087	0.00000000	0.002431981	0.000362576	0.00279456
606767.8	4201308.22	0.00000000	0.004729824	0.00074102	0.00547084	0.00000000	0.000378719	0.000063164	0.00044188	0	0.006812355	0.001170324	0.007982678	0.00000000	0.002461467	0.000323946	0.00278541
606787.8	4201068.22	0.00000000	0.004252573	0.001215299	0.00546787	0.00000000	0.000340654	0.000102579	0.00044323	0	0.006130703	0.001874987	0.008005691	0.00000000	0.00221898	0.000485634	0.00270461
606727.8	4201388.22	0.00000000	0.004771131	0.000665946	0.00543708	0.00000000	0.000381971	0.000056820	0.00043879	0	0.006869681	0.00105417	0.007923851	0.00000000	0.00248074	0.000293609	0.00277435
606747.8	4200948.22	0.00000000	0.003463851	0.001969478	0.00543333	0.00000000	0.000277647	0.000164929	0.00044258	0	0.005000338	0.002981171	0.007981509	0.00000000	0.001814293	0.000727993	0.00254229
606787.8	4201248.22	0.00000000	0.004619751	0.000811987	0.00543174	0.00000000	0.000369995	0.000069138	0.00043913	0	0.006657241	0.001279118	0.007936359	0.00000000	0.002407697	0.000351589	0.00275929
606787.8	4201048.22	0.00000000	0.004105405	0.001281331	0.00538674	0.00000000	0.000328926	0.000108053	0.00043698	0	0.005920888	0.001972496	0.007893383	0.00000000	0.002144597	0.000507529	0.00265213
606787.8	4201268.22	0.00000000	0.004547858	0.000781517	0.00532938	0.00000000	0.000364279	0.000066608	0.00043089	0	0.006555273	0.001233914	0.007789187	0.00000000	0.002371903	0.000341271	0.00271317
606747.8	4200928.22	0.00000000	0.00319966	0.002126089	0.00532575	0.00000000	0.000256599	0.000177904	0.00043450	0	0.004623932	0.003212073	0.007836005	0.00000000	0.001681018	0.000779550	0.00246057
606787.8	4201028.22	0.00000000	0.003940908	0.001353342	0.00529425	0.00000000	0.000315818	0.000114022	0.00042984	0	0.005686414	0.002078804	0.007765218	0.00000000	0.002061505	0.000531377	0.00259288
606767.8	4201328.22	0.00000000	0.004579278	0.000714642	0.00529392	0.00000000	0.000366744	0.000060975	0.00042772	0	0.00659856	0.001131249	0.007729809	0.00000000	0.002386236	0.000315073	0.00270131
606747.8	4201368.22	0.00000000	0.004614698	0.000678566	0.00529326	0.00000000	0.000369525	0.000057903	0.00042743	0	0.006647466	0.001074443	0.007721909	0.00000000	0.002402505	0.000299477	0.00270198
606807.8	4201148.22	0.00000000	0.004297437	0.000970178	0.00526761	0.00000000	0.000344352	0.000082345	0.00042670	0	0.006199381	0.001516773	0.007716154	0.00000000	0.002246493	0.000408216	0.00265471
606767.8	4200968.22	0.00000000	0.003544787	0.001714907	0.00525969	0.00000000	0.00028417	0.000143905	0.00042808	0	0.005118554	0.00260875	0.007727305	0.00000000	0.0018581	0.000647181	0.00250528
606807.8	4201128.22	0.00000000	0.004245177	0.001013822	0.00525900	0.00000000	0.000340179	0.000085963	0.00042614	0	0.006124576	0.001581245	0.007705821	0.00000000	0.002219773	0.000422711	0.00264248
606807.8	4201168.22	0.00000000	0.004328328	0.000929537	0.00525787	0.00000000	0.000346824	0.000078976	0.00042580	0	0.006243828	0.001456787	0.007700615	0.00000000	0.002262523	0.000394768	0.00265729
606747.8	4200908.22	0.00000000	0.002940638	0.002296415	0.00523705	0.00000000	0.000235946	0.000191995	0.00042794	0	0.004254184	0.003462347	0.007716531	0.00000000	0.001549627	0.000834747	0.00238437
606807.8	4201108.22	0.00000000	0.004172888	0.001060861	0.00523375	0.00000000	0.000334413	0.000089863	0.00042428	0	0.006021291	0.00165074	0.007672031	0.00000000	0.002183006	0.000438343	0.00262135
606807.8	4201188.22	0.00000000	0.004338456	0.000891674	0.00523013	0.00000000	0.000347644	0.000075838	0.00042348	0	0.00625874	0.001400908	0.007659648	0.00000000	0.002268127	0.000382246	0.00265037
606713.18	4201421.18	0.00000000	0.00458564	0.000636245	0.00522189	0.00000000	0.000367204	0.000054324	0.00042153	0	0.006605817	0.001008835	0.007614652	0.00000000	0.002387591	0.000282242	0.00266983
606787.8	4201288.22	0.00000000	0.004452944	0.00075292	0.00520586	0.00000000	0.000356731	0.000064232	0.00042096	0	0.006420559	0.001191492	0.007612051	0.00000000	0.00232455	0.000331590	0.00265614
606807.8	4201088.22	0.00000000	0.004081797	0.001111693	0.00519349	0.00000000	0.000327149	0.000094078	0.00042123	0	0.005891248	0.001725818	0.007617066	0.00000000	0.002136787	0.000455213	0.00259200
606807.8	4201208.22	0.00000000	0.004328919	0.000856394	0.00518531	0.00000000	0.000346896	0.000072912	0.00041981	0	0.006245614	0.001348771	0.007594385	0.00000000	0.002263789	0.000370508	0.00263430
606767.8	4200948.22	0.00000000	0.003311554	0.001833381	0.00514494	0.00000000	0.000265587	0.000153720	0.00041931	0	0.004786168	0.002783385	0.007569553	0.00000000	0.001740353	0.000686142	0.00242649
606807.8	4201068.22	0.00000000	0.003972895	0.001166691	0.00513959	0.00000000	0.000318467	0.000098637	0.00041710	0	0.005735863	0.00180703	0.007542893	0.00000000	0.002081617	0.000473446	0.00255506

606727.8	4201408.22	0.00000000	0.004494698	0.000643323	0.00513802	0.00000000	0.000359981	0.000054950	0.00041493	0	0.006477104	0.001021027	0.007498131	0.00000000	0.002342593	0.000286379	0.00262897
606807.8	4201228.22	0.00000000	0.004299109	0.000823418	0.00512253	0.00000000	0.000344533	0.000070177	0.00041471	0	0.006203612	0.001300001	0.007503613	0.00000000	0.002249233	0.000359496	0.00260873
606767.8	4201348.22	0.00000000	0.004412955	0.00068995	0.00510291	0.00000000	0.00035351	0.000058923	0.00041243	0	0.006362229	0.001094574	0.007456803	0.00000000	0.002302986	0.000306667	0.00260965
606807.8	4201048.22	0.00000000	0.003847049	0.001226135	0.00507318	0.00000000	0.000308436	0.000103564	0.00041200	0	0.005556365	0.001894782	0.007451147	0.00000000	0.002017929	0.000493128	0.00251106
606787.8	4201308.22	0.00000000	0.004337809	0.000726082	0.00506389	0.00000000	0.000347572	0.000062003	0.00040958	0	0.006257051	0.001151658	0.007408709	0.00000000	0.002267013	0.000322481	0.00258949
606747.8	4201388.22	0.00000000	0.004389203	0.000655649	0.00504485	0.00000000	0.000351587	0.000056005	0.00040759	0	0.006327194	0.001040687	0.007367881	0.00000000	0.00228978	0.000291966	0.00258175
606807.8	4201248.22	0.00000000	0.004249613	0.000792559	0.00504217	0.00000000	0.000340602	0.000067616	0.00040822	0	0.006133553	0.001254305	0.007387859	0.00000000	0.002224737	0.000349134	0.00257387
606767.8	4200928.22	0.00000000	0.00307612	0.001961043	0.00503716	0.00000000	0.000246828	0.000164294	0.00041112	0	0.004450628	0.002971526	0.007422154	0.00000000	0.001621477	0.000728086	0.00234956
606755.19	4200886.81	0.00000000	0.002636321	0.002379986	0.00501631	0.00000000	0.000211742	0.000198958	0.00041070	0	0.003822175	0.00358729	0.007409465	0.00000000	0.001397716	0.000864036	0.00226175
606747.8	4200868.22	0.00000000	0.002419319	0.002585603	0.00500492	0.00000000	0.00019445	0.000215992	0.00041044	0	0.003512866	0.003890409	0.007403275	0.00000000	0.001288109	0.000931688	0.00221980
606807.8	4201028.22	0.00000000	0.003705732	0.001290281	0.00499601	0.00000000	0.000297173	0.000108880	0.00040605	0	0.005354848	0.001989445	0.007344293	0.00000000	0.001946459	0.000514336	0.00246080
606787.8	4200968.22	0.00000000	0.00337178	0.001609641	0.00498142	0.00000000	0.000270467	0.000135257	0.00040572	0	0.00487514	0.002456726	0.007331865	0.00000000	0.001773981	0.000615794	0.00238978
606747.8	4200848.22	0.00000000	0.00220714	0.002763137	0.00497028	0.00000000	0.000177538	0.000230692	0.00040823	0	0.003210221	0.004151818	0.007362038	0.00000000	0.001180719	0.000989781	0.00217050
606807.8	4201268.22	0.00000000	0.004181884	0.000763679	0.00494556	0.00000000	0.000335216	0.000065216	0.00040043	0	0.006037452	0.001211418	0.00724887	0.00000000	0.002190976	0.000339310	0.00253029
606767.8	4200908.22	0.00000000	0.002844189	0.002097699	0.00494189	0.00000000	0.000228329	0.000175594	0.00040392	0	0.004119356	0.003172046	0.007291402	0.00000000	0.001503626	0.000772086	0.00227571
606827.8	4201148.22	0.00000000	0.00399164	0.000939745	0.00493139	0.00000000	0.000320088	0.000079914	0.00040000	0	0.005767492	0.001475886	0.007243379	0.00000000	0.002096123	0.000402292	0.00249842
606827.8	4201128.22	0.00000000	0.003950146	0.000980161	0.00493031	0.00000000	0.000316773	0.000083265	0.00040004	0	0.00570802	0.001535585	0.007243605	0.00000000	0.002074828	0.000415711	0.00249054
606727.8	4201423.25	0.00000000	0.00428983	0.000627235	0.00491707	0.00000000	0.000343683	0.000053620	0.00039730	0	0.006186103	0.00099742	0.007183523	0.00000000	0.002240152	0.000281198	0.00252135
606827.8	4201168.22	0.00000000	0.004014848	0.00090199	0.00491684	0.00000000	0.000321947	0.000076784	0.00039873	0	0.005800949	0.001420114	0.007221063	0.00000000	0.002108233	0.000389753	0.00249799
606827.8	4201108.22	0.00000000	0.003890033	0.00102341	0.00491344	0.00000000	0.000311977	0.000086852	0.00039883	0	0.005622099	0.001599514	0.007221614	0.00000000	0.002044222	0.000430119	0.00247434
606787.8	4201328.22	0.00000000	0.004202753	0.000700765	0.00490352	0.00000000	0.000336829	0.000059902	0.00039673	0	0.006065267	0.001114167	0.007179434	0.00000000	0.002199536	0.000313978	0.00251351
606767.8	4201368.22	0.00000000	0.004233092	0.000666731	0.00489982	0.00000000	0.000339197	0.000056993	0.00039619	0	0.006106597	0.001060053	0.00716665	0.00000000	0.002212897	0.000298727	0.00251162
606827.8	4201188.22	0.00000000	0.004018614	0.000866595	0.00488521	0.00000000	0.00032226	0.000073850	0.00039611	0	0.005806788	0.001367883	0.007174671	0.00000000	0.002110618	0.000378053	0.00248867
606827.8	4201088.22	0.00000000	0.003813353	0.001069858	0.00488321	0.00000000	0.000305861	0.000090703	0.00039656	0	0.005512582	0.00166813	0.007180711	0.00000000	0.002005265	0.000445546	0.00245081
606787.8	4200948.22	0.00000000	0.003166595	0.001709198	0.00487579	0.00000000	0.000254115	0.000143502	0.00039762	0	0.004582595	0.002603373	0.007185968	0.00000000	0.00167026	0.000648429	0.00231869
606767.8	4200888.22	0.00000000	0.002619779	0.002242127	0.00486191	0.00000000	0.000210448	0.000187558	0.00039801	0	0.003799538	0.003384932	0.007184471	0.00000000	0.001390327	0.000819576	0.00220990
606827.8	4201068.22	0.00000000	0.003720441	0.001119687	0.00484013	0.00000000	0.000298453	0.000094834	0.00039329	0	0.005379966	0.001741717	0.007121683	0.00000000	0.001958148	0.000462075	0.00242022
606827.8	4201208.22	0.00000000	0.00400389	0.000833423	0.00483731	0.00000000	0.000321099	0.000071101	0.00039220	0	0.005786308	0.001318923	0.007105231	0.00000000	0.002103702	0.000367080	0.00247078
606807.8	4201288.22	0.00000000	0.004096213	0.000736563	0.00483278	0.00000000	0.000328401	0.000062962	0.00039136	0	0.005915771	0.001171086	0.007086857	0.00000000	0.002148147	0.000330020	0.00247817
606827.8	4201048.22	0.00000000	0.003612654	0.001173103	0.00478576	0.00000000	0.00028986	0.000099261	0.00038912	0	0.005226151	0.001820547	0.007046698	0.00000000	0.001903523	0.000479736	0.00238326
606747.8	4201408.22	0.00000000	0.004145288	0.000633574	0.00477886	0.00000000	0.000332203	0.000054201	0.00038640	0	0.005981544	0.001009226	0.00699077	0.00000000	0.002168648	0.000285816	0.00245446
606787.8	4200928.22	0.00000000	0.002959164	0.001815559	0.00477472	0.00000000	0.000237583	0.000152309	0.00038989	0	0.004286807	0.002759982	0.007046789	0.00000000	0.001565362	0.000683231	0.00224859
606827.8	4201228.22	0.00000000	0.003972103	0.000802359	0.00477446	0.00000000	0.000318579	0.000068525	0.00038710	0	0.005741493	0.001273009	0.007014502	0.00000000	0.002088152	0.000356736	0.00244489
606767.8	4200868.22	0.00000000	0.002395336	0.002373225	0.00476856	0.00000000	0.000192578	0.000198431	0.00039101	0	0.003480181	0.003578762	0.007058944	0.00000000	0.001277533	0.000863293	0.00214083
606787.8	4201348.22	0.00000000	0.00405484	0.000677024	0.00473186	0.00000000	0.00032506	0.000057930	0.00038299	0	0.005855109	0.001078924	0.006934032	0.00000000	0.002125515	0.000305916	0.00243143
606827.8	4201028.22	0.00000000	0.003489808	0.001229991	0.00471980	0.00000000	0.000280068	0.000103976	0.00038404	0	0.005050944	0.001904525	0.00695547	0.00000000	0.001841364	0.000498571	0.00233994
606807.8	4201308.22	0.00000000	0.003993094	0.000711018	0.00470411	0.00000000	0.000320196	0.000060838	0.00038103	0	0.005769256	0.001133076	0.006902332	0.00000000	0.002096542	0.000321254	0.00241780
606767.8	4200848.22	0.00000000	0.002192896	0.002511173	0.00470407	0.00000000	0.000176445	0.000209855	0.00038630	0	0.003191524	0.00378194	0.006973463	0.00000000	0.001175172	0.000908490	0.00208366
606827.8	4201248.22	0.00000000	0.003923554	0.000773213	0.00469677	0.00000000	0.000314725	0.000066108	0.00038083	0	0.005672831	0.001229939	0.00690277	0.00000000	0.002064182	0.000347040	0.00241122
606767.8	4201388.22	0.00000000	0.004040833	0.000644738	0.00468557	0.00000000	0.0003239	0.000055167	0.00037907	0	0.005833427	0.001027494	0.006860921	0.00000000	0.002116679	0.000291350	0.00240803
606787.8	4200908.22	0.00000000	0.002753297	0.001928517	0.00468181	0.00000000	0.000221174	0.000161660	0.00038283	0	0.003993182	0.002926231	0.006919414	0.00000000	0.001461186	0.000720115	0.00218130
606767.8	4200828.22	0.00000000	0.002009802	0.002649435	0.00465924	0.00000000	0.000161837	0.000221289	0.00038313	0	0.002929853	0.003984906	0.006914759	0.00000000	0.00108198	0.000953098	0.00203508
606827.8	4201008.22	0.00000000	0.003354969	0.0012906	0.00464557	0.00000000	0.00026932	0.000108998	0.00037832	0	0.004858599	0.001993891	0.00685249	0.00000000	0.001773104	0.000518530	0.00229163
606847.8	4201128.22	0.00000000	0.003683568	0.000947232	0.00463080	0.00000000	0.000295641	0.000080637	0.00037628	0	0.005332274	0.001491427	0.006823701	0.00000000	0.001944516	0.000409387	0.00235390
606847.8	4201148.22	0.00000000	0.003716816	0.000909936	0.00462675	0.00000000	0.000298298	0.000077544	0.00037584	0	0.005379956	0.001436284	0.00681624	0.00000000	0.001961608	0.000396951	0.00235856
606807.8	4200948.22	0.00000000	0.003028685	0.001596601	0.00462529	0.00000000	0.000243209	0.000134249	0.00037746	0	0.004389233	0.002440691	0.006829924	0.00000000	0.001603896	0.000614784	0.00221868
606847.8	4201108.22	0.00000000	0.003634865	0.000987034	0.00462190	0.00000000	0.000291752	0.000083937	0.00037569	0	0.005262553	0.001550204	0.006812757	0.00000000	0.001919607	0.000422587	0.00234219
606847.8	4201168.22	0.00000000	0.003733051	0.000874861	0.00460791	0.00000000	0.000299601	0.000074635	0.00037424	0	0.005403464	0.001384463	0.006787927	0.00000000	0.001970185	0.000385293	0.00235548
606827.8	4201268.22	0.00000000	0.003859493	0.000745855	0.00460535	0.00000000	0.000309631	0.000063835	0.00037347	0	0.005581927	0.001189311	0.006771238	0.00000000	0.002032242	0.000337734	0.00236998
606847.8	4201088.22	0.00000000	0.00357075	0.001029444	0.00460019	0.00000000	0.000286637	0.000087453	0.00037409	0	0.005170916	0.001612839	0.006783755	0.00000000	0.001886967	0.000436659	0.00232363
606787.8	4200888.22	0.00000000	0.002548445	0.002043976	0.00459242	0.00000000	0.000204828	0.000171200	0.00037603	0	0.003700327	0.003095333	0.00679566	0.00000000	0.001356827	0.000756965	0.00211379
606747.8	4201423.25	0.00000000	0.003966556	0.000617904	0.00458446	0.00000000	0.000317986	0.000052907	0.00037089	0	0.005727742	0.000986307	0.006714049	0.00000000	0.002079354	0.000280846	0.00236020
606847.8	4201188.22	0.00000000	0.003731848	0.000841824	0.00457367	0.00000000	0.000299516	0.000071896	0.00037141	0	0.005402159	0.00133565	0.006737809	0.00000000	0.001969998	0.000374310	0.00234431
606847.8	4201068.22	0.00000000	0.003491281	0.001074493	0.00456577	0.00000000	0.000280299	0.000091187	0.00037149	0	0.005057419	0.001679348	0.006736767	0.00000000	0.001846597	0.000451582	0.00229818
606807.8	4201328.22	0.00000000	0.00387306	0.000686837	0.00455990	0.00000000	0.000310647	0.000058830	0.00036948	0	0.005598767	0.001097213	0.006695981	0.00000000	0.002036532	0.000313077	0.00234961
606787.8	4201368.22	0.00000000	0.003895186	0.00065461	0.00454980	0.00000000	0.000312358	0.000056070	0.00036843	0	0.005628309	0.001045743	0.006674052	0.00000000	0.00204566	0.000298400	0.00234406
606807.8	4200928.22	0.00000000	0.002843682	0.001685099	0.00452878	0.00000000	0.000228462	0.000141575	0.00037004	0	0.004125319	0.002570903	0.006696222	0.00000000	0.001510229	0.000643642	0.00215387
606847.8	4201208.22	0.00000000	0.003713689	0.000810699	0.00452439	0.00000000	0.000298084	0.000069319	0.00036740	0	0.00537687	0.001289838	0.006666708	0.00000000	0.001961436	0.000364143	0.00232558
606847.8	4201048.22	0.00000000	0.003397848	0.001122285	0.00452013	0.00000000	0.000272847	0.000095147	0.00036799	0	0.004923996	0.001749825	0.006673822	0.00000000	0.001799152	0.000467330	0.00226648
606787.8	4200868.22	0.00000000	0.002354406	0.002164644	0.00451905	0.00000000	0.00018936	0.000181188	0.00037055	0	0.003423485	0.003272863	0.006696347	0.00000000	0.001258546	0.000796299	0.00205485
606827.8	4201288.22	0.00000000	0.003780591	0.00072011	0.00450070	0.00000000	0.000303351	0.000061691	0.00036504	0	0.005469747	0.001150884	0.006620631	0.00000000	0.00199268	0.000328775	0.00232146
606771.32	4200808.57	0.00000000	0.001824506	0.002652898	0.00447740	0.00000000	0.000147092	0.000221594	0.00036869	0	0.00266653	0.003990802	0.006657332	0.00000000	0.0009892	0.000955051	0.00194425
606847.8	4201028.22	0.00000000	0.003292498	0.00117297	0.00446547	0.00000000	0.000264449	0.000099348	0.00036380	0	0.004773703	0.001824663	0.006598366	0.00000000	0.001745805	0.000484128	0.00222993
606767.8	4201408.22	0.00000000	0.003839056	0.000623791	0.00446285	0.00000000	0.000307859	0.000053446	0.00036130	0	0.005547278	0.000997203	0.006544481	0.00000000	0.002016257	0.000285064	0.00230132
606847.8	4201228.22	0.00000000	0.003681296	0.000781506	0.00446280	0.00000000	0.000295518	0.000066902	0.00036242	0	0.00533129	0.00124684	0.00657813	0.00000000	0.001945682	0.000354577	0.00230026
606787.8	4200848.22	0.00000000	0.002170691	0.002284685	0.00445538	0.00000000	0.000174724	0.000191135	0.00036586	0	0.003161746	0.003449952	0.006611698	0.00000000	0.001165878	0.000835925	0.00200180
606807.8	4200908.22	0.00000000	0.002657097	0.001777113	0.00443421	0.00000000	0.000213588	0.000149191	0.00036278	0	0.003859138	0.002706263	0.006565401	0.00000000	0.00141575	0.000673623	0.00208937
606807.8	4201348.22	0.00000000	0.003739501	0.00066395	0.00440345	0.00000000	0.000300029	0.000056938	0.00035697	0	0.005409343	0.00106366	0.006473003	0.00000000	0.001970042	0.000305738	0.00227578
606847.8	4201008.22	0.00000000	0.003175066	0.001226299	0.00440136	0.00000000	0.000255086	0.000103765	0.00035885	0	0.004606107	0.001903254	0.006509362	0.00000000	0.001686273	0.000501647	0.00218792
606787.8	4200828.22	0.00000000	0.001996957	0.002394246	0.00439120	0.00000000	0.000160861	0.000200191	0.00036105	0	0.002913387	0.003610573	0.00652396	0.00000000	0.001077383	0.000871053	0.00194844
606827.8	4200948.22	0.00000000	0.002896052	0.001494391	0.00439044	0.00000000	0.000232731	0.000125866	0.00035860	0	0.004203688	0.00229372	0.006497407	0.00000000	0.0015405	0.000584966	0.00212547
606847.8	4201248.22	0.00000000	0.003633923	0.000753995	0.00438792	0.00000000	0.000291758	0.000064622	0.00035638	0	0.005264329	0.00120625	0.006470579	0.00000000	0.001922331	0.000345491	0.00226782
606827.8	4201308.22	0.00000000	0.00368676	0.00069577	0.00438253	0.00000000	0.000295885	0.000059667	0.00035555	0	0.005336415	0.001114656	0.006451071	0.00000000	0.001945709	0.000320411	0.00226612
606787.8	4201388.22	0.00000000	0.003727193	0.000633414	0.00436061	0.00000000	0.000298998	0.000054317	0.00035332	0	0.005389872	0.001014667	0.006404539	0.00000000	0.001961848	0.000291602	0.00225345
606867.8	4201128.22	0.00000000	0.003443516	0.000915347	0.00435886	0.00000000	0.000276621	0.000078096	0.00035472	0	0.00499428	0.001448836	0.006443116	0.00000000	0.001827542	0.000403436	0.00223098
606867.8	4201108.22	0.00000000	0.003403909	0.000951879	0.00435579	0.00000000	0.000273457	0.000081125	0.00035458	0	0.004937525	0.001502795	0.00644032	0.00000000	0.001807229	0.000415562	0.00222279
606867.8	4201148.22	0.00000000	0.003468472	0.000880836	0.00434931	0.00000000	0.000278618	0.000075235	0.00035385	0	0.005030182	0.001397854	0.006428037	0.00000000	0.001840487	0.000391973	0.00223246
606807.8	4200888.22	0.00000000	0.002473314	0.001872356	0.00434567	0.00000000	0.000198924	0.000157060	0.00035598	0	0.00359642	0.002845736	0.006442156	0.00000000	0.001322143	0.000704000	0.00202614
606867.8	4201088.22	0.00000000	0.003349525	0.00099044	0.00433996	0.00000000	0.000269116	0.000084321	0.00035344	0	0.004859697	0.001559687	0.006419385	0.00000000	0.001779441	0.000428298	0.00220774
606867.8	4201168.22	0.00000000	0.003478826	0.000848277	0.00432710	0.00000000	0.000279453	0.000072536	0.00035199	0	0.005045332	0.001349783	0.006395114	0.00000000	0.001846119	0.000381184	0.00222730
606867.8	4201068.22	0.00000000	0.003282105	0.001031179	0.00431328	0.00000000	0.000263734	0.000087694	0.00035143	0	0.004763223	0.001619671	0.006382894	0.00000000	0.001745002	0.000441626	0.00218663
606847.8	4201268.22	0.00000000	0.003573544	0.000728114	0.00430166	0.00000000	0.000286958	0.000062473	0.00034943	0	0.00517869	0.001167871	0.006346561	0.00000000	0.001892268	0.000336744	0.00222901
606827.8	4200928.22	0.00000000	0.002730664	0.001568663	0.00429933	0.00000000	0.000219545	0.000132012	0.00035156	0	0.003967656	0.002402908	0.006370564	0.00000000	0.001456662	0.000609091	0.00206575
606867.8	4201188.22	0.00000000	0.003474497	0.00081754	0.00429204	0.00000000	0.00027912	0.000069989	0.00034911	0	0.005039619	0.001304441	0.006344059	0.00000000	0.001844401	0.000371040	0.00221544
606787.8	4200808.22	0.00000000	0.001825225	0.002465753	0.00429098	0.00000000	0.000147157	0.000206093	0.00035325	0	0.002667837	0.003715002	0.006382839	0.00000000	0.000989853	0.000893567	0.00188342
606767.8	4201423.25	0.00000000	0.003681256	0.00060853	0.00428979	0.00000000	0.000295314	0.000052192	0.00034751	0	0.005323475	0.000975192	0.006298667	0.00000000	0.001937701	0.000280543	0.00221824
606867.8	4201048.22	0.00000000	0.003202008	0.001074061	0.00427607	0.00000000	0.000257344	0.000091246	0.00034859	0	0.00464878	0.001682894	0.006331674	0.00000000	0.001704263	0.000455742	0.00216001
606807.8	4200868.22	0.00000000	0.00229517	0.001969216	0.00426439	0.00000000	0.000184718	0.000165073	0.00034979	0	0.003342094	0.002988024	0.006330118	0.00000000	0.001231747	0.000735352	0.00196710
606827.8	4201328.22	0.00000000	0.003580802	0.000672781	0.00425358	0.00000000	0.000287453	0.000057755	0.00034521	0	0.005185821	0.001080434	0.006266255	0.00000000	0.001892636	0.000312507	0.00220514
606867.8	4201208.22	0.00000000	0.003454589	0.000788426	0.00424301	0.00000000	0.000277554	0.000067585	0.00034514	0	0.005012033	0.00126186	0.006273894	0.00000000	0.001835157	0.000361811	0.00219697
606807.8	4201368.22	0.00000000	0.003599273	0.000642449	0.00424172	0.00000000	0.000288876	0.000055157	0.00034403	0	0.00521025	0.001031961	0.006242211	0.00000000	0.001900018	0.000298661	0.00219868
606867.8	4201028.22	0.00000000	0.003110265	0.001119038	0.00422930	0.00000000	0.000250025	0.000094970	0.00034500	0	0.004517696	0.001749111	0.006266806	0.00000000	0.001657599	0.000470450	0.00212805
606827.8	4200908.22	0.00000000	0.002563774	0.001645796	0.00420957	0.00000000	0.000206235	0.000138390	0.00034463	0	0.003729318	0.002516098	0.006245416	0.00000000	0.001371896	0.000633935	0.00200583
606847.8	4201288.22	0.00000000	0.003500221	0.000703665	0.00420389	0.00000000	0.000281125	0.000060440	0.00034157	0	0.005074561	0.001131533	0.006206094	0.00000000	0.001855626	0.000328396	0.00218402
606807.8	4200848.22	0.00000000	0.002124026	0.002063785	0.00418781	0.00000000	0.000171077	0.000172903	0.00034398	0	0.00309801	0.00312726	0.00622527	0.00000000	0.001145158	0.000766284	0.00191144
606867.8	4201228.22	0.00000000	0.003421075	0.000760924	0.00418200	0.00000000	0.000274899	0.000065308	0.00034021	0	0.004964841	0.001221369	0.00618621	0.00000000	0.001818822	0.000352814	0.00217164
606867.8	4201008.22	0.00000000	0.003007784	0.001166042	0.00417383	0.00000000	0.000241851	0.000098861	0.00034071	0	0.0043713	0.00181827	0.00618957	0.00000000	0.001605505	0.000485777	0.00209128
606787.8	4201408.22	0.00000000	0.003553174	0.000613267	0.00416644	0.00000000	0.000285159	0.000052653	0.00033781	0	0.005142866	0.000985184	0.006128049	0.00000000	0.001875014	0.000285196	0.00216021
606827.8	4200888.22	0.00000000	0.002397838	0.001725082	0.00412292	0.00000000	0.000192994	0.000144939	0.00033793	0	0.003492077	0.00263213	0.006124207	0.00000000	0.001287343	0.000659147	0.00194649
606827.8	4201348.22	0.00000000	0.003463435	0.000650962	0.00411440	0.00000000	0.000278121	0.000055949	0.00033407	0	0.005019298	0.001048334	0.006067632	0.00000000	0.001834142	0.000305395	0.00213954
606887.8	4201108.22	0.00000000	0.003193737	0.000917996	0.00411173	0.00000000	0.000256831	0.000078434	0.00033527	0	0.004642617	0.001457946	0.006100563	0.00000000	0.001705858	0.000409660	0.00211552
606807.8	4200828.22	0.00000000	0.00196114	0.00215055	0.00411169	0.00000000	0.00015808	0.000180072	0.00033815	0	0.002865163	0.003254344	0.006119507	0.00000000	0.001062194	0.000793985	0.00185618
606867.8	4200988.22	0.00000000	0.002896248	0.00121511	0.00411136	0.00000000	0.000232952	0.000102919	0.00033587	0	0.004211865	0.001890277	0.006102142	0.00000000	0.001548702	0.000501582	0.00205028
606867.8	4201248.22	0.00000000	0.003375904	0.000735029	0.00411093	0.00000000	0.000271311	0.000063159	0.00033447	0	0.004900889	0.001183048	0.006083937	0.00000000	0.001796451	0.000344144	0.00214060
606887.8	4201128.22	0.00000000	0.003225357	0.000884469	0.00410983	0.00000000	0.000259362	0.000075659	0.00033502	0	0.004688132	0.001408595	0.006096727	0.00000000	0.001722284	0.000398706	0.00212099
606887.8	4201088.22	0.00000000	0.003148451	0.000953113	0.00410156	0.00000000	0.000253216	0.000081346	0.00033456	0	0.004577815	0.001509832	0.006087647	0.00000000	0.001682724	0.000421335	0.00210406
606887.8	4201148.22	0.00000000	0.003244496	0.000852683	0.00409718	0.00000000	0.000260896	0.000073024	0.00033392	0	0.004715758	0.001361659	0.006077417	0.00000000	0.001732307	0.000388169	0.00212048
606847.8	4201308.22	0.00000000	0.003415833	0.000680578	0.00409641	0.00000000	0.000274406	0.000058516	0.00033292	0	0.004954472	0.001096959	0.006051431	0.00000000	0.001813201	0.000320246	0.00213345
606847.8	4200928.22	0.00000000	0.002623318	0.001465732	0.00408905	0.00000000	0.000211084	0.000123573	0.00033466	0	0.00381821	0.002255027	0.006073238	0.00000000	0.001406097	0.000579194	0.00198529
606887.8	4201068.22	0.00000000	0.003091079	0.000989916	0.00408099	0.00000000	0.000248636	0.000084396	0.00033303	0	0.004495736	0.001564109	0.006059846	0.00000000	0.001653435	0.000433467	0.00208690
606807.8	4201388.22	0.00000000	0.003453474	0.00062214	0.00407561	0.00000000	0.000277273	0.000053468	0.00033074	0	0.005003004	0.00100177	0.006004774	0.00000000	0.00182696	0.000291721	0.00211868
606887.8	4201168.22	0.00000000	0.003249708	0.000822449	0.00407216	0.00000000	0.000261326	0.000070522	0.00033185	0	0.004723735	0.001317217	0.006040952	0.00000000	0.001735501	0.000378354	0.00211385
606887.8	4201048.22	0.00000000	0.003021848	0.001028323	0.00405017	0.00000000	0.000243113	0.000087578	0.00033069	0	0.004396808	0.001620777	0.006017585	0.00000000	0.001618212	0.000446154	0.00206437
606827.8	4200868.22	0.00000000	0.002234972	0.001804875	0.00403985	0.00000000	0.000180003	0.000151536	0.00033154	0	0.003259429	0.002749166	0.006008595	0.00000000	0.001204563	0.000684790	0.00188935
606887.8	4201188.22	0.00000000	0.003241515	0.000793746	0.00403526	0.00000000	0.000260687	0.000068147	0.00032883	0	0.004712629	0.001275032	0.005987662	0.00000000	0.00173195	0.000369043	0.00210099
606867.8	4201268.22	0.00000000	0.003318791	0.000710535	0.00402933	0.00000000	0.00026677	0.000061125	0.00032790	0	0.004819882	0.00114673	0.005966612	0.00000000	0.001768013	0.000335870	0.00210388
606787.8	4201423.25	0.00000000	0.003421551	0.000598809	0.00402036	0.00000000	0.000274689	0.000051458	0.00032615	0	0.004955946	0.000963952	0.005919899	0.00000000	0.001809241	0.000280524	0.00208976
606807.8	4200808.22	0.00000000	0.001803283	0.002216731	0.00402001	0.00000000	0.000145488	0.000185539	0.00033103	0	0.002639618	0.003351233	0.005990851	0.00000000	0.000981906	0.000815065	0.00179697
606887.8	4201028.22	0.00000000	0.002942522	0.001068405	0.00401093	0.00000000	0.000236783	0.000090896	0.00032768	0	0.004283369	0.001679732	0.0059631	0.00000000	0.001577764	0.000459203	0.00203697
606847.8	4200908.22	0.00000000	0.0024736	0.00153122	0.00400482	0.00000000	0.00019914	0.000128985	0.00032813	0	0.003604274	0.002350993	0.005955268	0.00000000	0.001329927	0.000600149	0.00193008
606887.8	4201208.22	0.00000000	0.003221211	0.000766585	0.00398780	0.00000000	0.000259082	0.000065896	0.00032498	0	0.00468415	0.001234963	0.005919112	0.00000000	0.001722168	0.000360076	0.00208224
606847.8	4201328.22	0.00000000	0.003320765	0.000658677	0.00397944	0.00000000	0.000266839	0.000056692	0.00032353	0	0.004819286	0.001064277	0.005883563	0.00000000	0.001765512	0.000312632	0.00207814
606827.8	4201368.22	0.00000000	0.003338731	0.000630316	0.00396905	0.00000000	0.000268204	0.000054240	0.00032244	0	0.004842319	0.001017973	0.005860292	0.00000000	0.001771945	0.000298679	0.00207062
606887.8	4201008.22	0.00000000	0.002853201	0.001110015	0.00396322	0.00000000	0.000229655	0.000094338	0.00032399	0	0.004155647	0.001740857	0.005896504	0.00000000	0.001532231	0.000472671	0.00200490
606827.8	4200848.22	0.00000000	0.00207627	0.001881817	0.00395809	0.00000000	0.000167344	0.000157896	0.00032524	0	0.003032711	0.002861988	0.005894699	0.00000000	0.00112388	0.000709483	0.00183336
606867.8	4201288.22	0.00000000	0.003251428	0.00068739	0.00393882	0.00000000	0.000261412	0.000059202	0.00032061	0	0.004724233	0.001112352	0.005836585	0.00000000	0.001734366	0.000327989	0.00206235
606887.8	4201228.22	0.00000000	0.003186873	0.000740659	0.00392753	0.00000000	0.000256361	0.000063751	0.00032011	0	0.004635793	0.00119684	0.005832633	0.00000000	0.001705427	0.000351645	0.00205707
606847.8	4200888.22	0.00000000	0.002322866	0.001597837	0.00392070	0.00000000	0.000187107	0.000134482	0.00032159	0	0.003388583	0.002448237	0.00583682	0.00000000	0.00125293	0.000621077	0.00187401
606887.8	4200988.22	0.00000000	0.002755033	0.001153141	0.00390817	0.00000000	0.00022182	0.000097903	0.00031972	0	0.004015239	0.001804093	0.005819332	0.00000000	0.001482153	0.000486512	0.00196866
606807.8	4201408.22	0.00000000	0.003305118	0.000602963	0.00390808	0.00000000	0.000265463	0.000051872	0.00031734	0	0.004792015	0.000973158	0.005765172	0.00000000	0.001752511	0.000285059	0.00203757
606867.8	4200928.22	0.00000000	0.002519565	0.00137377	0.00389333	0.00000000	0.000202906	0.000116041	0.00031895	0	0.003673778	0.002123213	0.005796991	0.00000000	0.001357234	0.000552800	0.00191003
606907.8	4201108.22	0.00000000	0.003001511	0.000885381	0.00388689	0.00000000	0.000241648	0.000075865	0.00031751	0	0.004373804	0.001415661	0.005789465	0.00000000	0.001614079	0.000404890	0.00201897
606907.8	4201128.22	0.00000000	0.003027254	0.000854735	0.00388199	0.00000000	0.000243709	0.000073326	0.00031703	0	0.004410866	0.001370474	0.005781341	0.00000000	0.00162746	0.000394798	0.00202226
606907.8	4201088.22	0.00000000	0.002964384	0.000917385	0.00388177	0.00000000	0.000238681	0.000078516	0.00031720	0	0.004320538	0.001462846	0.005783383	0.00000000	0.00159497	0.000415425	0.00201039
606827.8	4200828.22	0.00000000	0.001923579	0.001952207	0.00387579	0.00000000	0.000155163	0.000163713	0.00031888	0	0.002814536	0.002965121	0.005779657	0.00000000	0.001046209	0.000731988	0.00177820
606907.8	4201068.22	0.00000000	0.002915732	0.000950648	0.00386638	0.00000000	0.000234797	0.000081273	0.00031607	0	0.00425092	0.001511945	0.005762865	0.00000000	0.001570119	0.000426434	0.00199655
606907.8	4201148.22	0.00000000	0.003040747	0.000825396	0.00386614	0.00000000	0.000244796	0.000070897	0.00031569	0	0.004430555	0.001327288	0.005757843	0.00000000	0.001634743	0.000385212	0.00201996
606887.8	4201248.22	0.00000000	0.003143976	0.000716304	0.00386028	0.00000000	0.000252951	0.000061728	0.00031468	0	0.004574998	0.001160727	0.005735725	0.00000000	0.001684118	0.000343417	0.00202754
606847.8	4201348.22	0.00000000	0.003217251	0.000637911	0.00385516	0.00000000	0.000258601	0.000054966	0.00031357	0	0.004672157	0.001033387	0.005705544	0.00000000	0.001713655	0.000305515	0.00201917
606907.8	4201048.22	0.00000000	0.002856602	0.000985185	0.00384179	0.00000000	0.000230077	0.000084134	0.00031421	0	0.004166324	0.001562838	0.005729162	0.00000000	0.001539931	0.000437775	0.00197771
606867.8	4201308.22	0.00000000	0.003174114	0.000665432	0.00383955	0.00000000	0.000255261	0.000057377	0.00031264	0	0.004614401	0.001079714	0.005694115	0.00000000	0.001695693	0.000320490	0.00201618
606907.8	4201168.22	0.00000000	0.003042017	0.000797364	0.00383938	0.00000000	0.00024491	0.000068577	0.00031349	0	0.004432878	0.00128607	0.005718948	0.00000000	0.001635911	0.000376099	0.00201201
606847.8	4200868.22	0.00000000	0.002173797	0.001664553	0.00383835	0.00000000	0.000175211	0.000139991	0.00031520	0	0.003175409	0.002545791	0.005721201	0.00000000	0.001176923	0.000642207	0.00181913
606827.8	4201388.22	0.00000000	0.00320935	0.000610769	0.00382012	0.00000000	0.000257908	0.000052616	0.00031052	0	0.004658428	0.00098895	0.005647378	0.00000000	0.001707134	0.000292034	0.00199917
606867.8	4200908.22	0.00000000	0.002384727	0.001429823	0.00381455	0.00000000	0.000192141	0.000120664	0.00031280	0	0.003480779	0.002204972	0.005685751	0.00000000	0.001288301	0.000570343	0.00185864
606907.8	4201028.22	0.00000000	0.002787602	0.001020937	0.00380854	0.00000000	0.00022457	0.000087093	0.00031166	0	0.004067618	0.001615433	0.005683051	0.00000000	0.001504713	0.000449426	0.00195414
606907.8	4201188.22	0.00000000	0.003031342	0.000770625	0.00380197	0.00000000	0.000244074	0.000066365	0.00031044	0	0.004418228	0.001246796	0.005665024	0.00000000	0.001631099	0.000367450	0.00199855
606827.8	4200808.22	0.00000000	0.001778672	0.00201223	0.00379090	0.00000000	0.000143595	0.000168663	0.00031226	0	0.002607174	0.003052624	0.005659799	0.00000000	0.000972179	0.000750728	0.00172291
606887.8	4201268.22	0.00000000	0.003090618	0.000693182	0.00378380	0.00000000	0.000248708	0.000059807	0.00030852	0	0.00449927	0.00112639	0.00562566	0.00000000	0.001657502	0.000335552	0.00199305
606807.8	4201423.25	0.00000000	0.003192731	0.000589197	0.00378193	0.00000000	0.000256516	0.000050725	0.00030724	0	0.004632144	0.000952587	0.005584732	0.00000000	0.001696076	0.000280246	0.00197632
606907.8	4201008.22	0.00000000	0.002709617	0.001057901	0.00376752	0.00000000	0.000218344	0.000090149	0.00030849	0	0.003956014	0.001669679	0.005625694	0.00000000	0.001464865	0.000461335	0.00192620
606847.8	4200848.22	0.00000000	0.002027571	0.001728954	0.00375653	0.00000000	0.000163541	0.000145307	0.00030885	0	0.002966281	0.002639911	0.005606192	0.00000000	0.001102343	0.000662554	0.00176490
606907.8	4201208.22	0.00000000	0.003010026	0.00074522	0.00375525	0.00000000	0.000242387	0.000064260	0.00030665	0	0.004388294	0.001209326	0.00559762	0.00000000	0.001620793	0.000359071	0.00197986
606867.8	4200888.22	0.00000000	0.002248824	0.001486975	0.00373580	0.00000000	0.000181299	0.000125387	0.00030669	0	0.003286574	0.002288715	0.005575288	0.00000000	0.001219151	0.000588622	0.00180777
606867.8	4201328.22	0.00000000	0.003088786	0.000644615	0.00373340	0.00000000	0.000248468	0.000055642	0.00030411	0	0.004493012	0.001048596	0.005541608	0.00000000	0.001652835	0.000313198	0.00196603
606847.8	4201368.22	0.00000000	0.003105679	0.000618096	0.00372377	0.00000000	0.000249729	0.000053326	0.00030305	0	0.004513818	0.001004239	0.005518056	0.00000000	0.00165801	0.000299061	0.00195707
606907.8	4200988.22	0.00000000	0.002623307	0.00109606	0.00371937	0.00000000	0.000211453	0.000093302	0.00030476	0	0.003832472	0.001725565	0.005558037	0.00000000	0.001420738	0.000473512	0.00189425
606887.8	4201288.22	0.00000000	0.003028599	0.000671282	0.00369988	0.00000000	0.000243774	0.000057986	0.00030176	0	0.004411178	0.001093825	0.005505003	0.00000000	0.001626492	0.000328057	0.00195455
606907.8	4201228.22	0.00000000	0.002978065	0.000721042	0.00369911	0.00000000	0.000239851	0.000062255	0.00030211	0	0.004343157	0.00117361	0.005516767	0.00000000	0.00160508	0.000351042	0.00195612
606927.8	4201108.22	0.00000000	0.002825698	0.000854109	0.00367981	0.00000000	0.000227784	0.000073419	0.00030120	0	0.004128813	0.00137594	0.005504752	0.00000000	0.001531028	0.000401163	0.00193219
606927.8	4201088.22	0.00000000	0.002795283	0.00088325	0.00367853	0.00000000	0.00022535	0.000075833	0.00030118	0	0.004085081	0.00141886	0.005503941	0.00000000	0.001515277	0.000410710	0.00192599
606847.8	4200828.22	0.00000000	0.001885904	0.001788376	0.00367428	0.00000000	0.000152238	0.000150216	0.00030245	0	0.00276382	0.002726897	0.005490717	0.00000000	0.001030241	0.000681474	0.00171171
606927.8	4201128.22	0.00000000	0.002846045	0.000826063	0.00367211	0.00000000	0.000229415	0.000071096	0.00030051	0	0.004158178	0.001334588	0.005492766	0.00000000	0.001541678	0.000391928	0.00193361
606827.8	4201408.22	0.00000000	0.003077092	0.000592227	0.00366932	0.00000000	0.000247382	0.000051076	0.00029846	0	0.004470427	0.000961421	0.005431848	0.00000000	0.001640859	0.000285734	0.00192659
606927.8	4201068.22	0.00000000	0.002754256	0.000913347	0.00366760	0.00000000	0.000222074	0.000078327	0.00030040	0	0.004026305	0.00146326	0.005489564	0.00000000	0.001494249	0.000420645	0.00191489
606907.8	4200968.22	0.00000000	0.002529633	0.001135396	0.00366503	0.00000000	0.000203973	0.000096550	0.00030052	0	0.003698354	0.00178306	0.005481414	0.00000000	0.00137281	0.000485946	0.00185876
606867.8	4200868.22	0.00000000	0.002112711	0.00154375	0.00365646	0.00000000	0.000170431	0.000130069	0.00030050	0	0.003091723	0.002371464	0.005463186	0.00000000	0.001149539	0.000606327	0.00175587
606927.8	4201148.22	0.00000000	0.002855238	0.000799047	0.00365429	0.00000000	0.000230159	0.000068860	0.00029902	0	0.004171744	0.001294847	0.005466591	0.00000000	0.001546795	0.000383128	0.00192992
606927.8	4201048.22	0.00000000	0.002703579	0.000944418	0.00364800	0.00000000	0.000218027	0.000080900	0.00029893	0	0.003953746	0.001509029	0.005462775	0.00000000	0.001468318	0.000430832	0.00189915
606887.8	4200908.22	0.00000000	0.002299031	0.001340204	0.00363923	0.00000000	0.000185413	0.000113340	0.00029875	0	0.003362533	0.002077223	0.005439757	0.00000000	0.001249021	0.000545348	0.00179437

606907.8	4201248.22	0.00000000	0.002935836	0.000697993	0.00363383	0.00000000	0.000236498	0.000060345	0.00029684	0	0.004283411	0.001139576	0.005422987	0.00000000	0.001584208	0.000343402	0.00192761
606927.8	4201168.22	0.00000000	0.002853179	0.000773059	0.00362624	0.00000000	0.000230009	0.000066710	0.00029672	0	0.004169351	0.001256696	0.005426047	0.00000000	0.001546312	0.000374742	0.00192105
606867.8	4201348.22	0.00000000	0.002996214	0.000624813	0.00362103	0.00000000	0.000241097	0.000053992	0.00029509	0	0.004361303	0.001018986	0.005380289	0.00000000	0.001606324	0.000306253	0.00191258
606927.8	4201028.22	0.00000000	0.002643916	0.000976453	0.00362037	0.00000000	0.000213263	0.000083551	0.00029681	0	0.003868329	0.001556134	0.005424463	0.00000000	0.001437798	0.000441247	0.00187904
606887.8	4201308.22	0.00000000	0.002958351	0.000650461	0.00360881	0.00000000	0.000238183	0.000056253	0.00029444	0	0.004311286	0.001062762	0.005374048	0.00000000	0.001591253	0.000320828	0.00191208
606847.8	4200808.22	0.00000000	0.0017505	0.001840122	0.00359062	0.00000000	0.000141427	0.000154480	0.00029591	0	0.00256996	0.002802166	0.005372126	0.00000000	0.000960967	0.000697455	0.00165842
606847.8	4201388.22	0.00000000	0.002990472	0.000599314	0.00358979	0.00000000	0.000240561	0.000051765	0.00029233	0	0.004350077	0.000976364	0.00532644	0.00000000	0.001600303	0.000292689	0.00189299
606927.8	4201188.22	0.00000000	0.002841075	0.000748214	0.00358929	0.00000000	0.000229057	0.000064654	0.00029371	0	0.004152594	0.001220153	0.005372747	0.00000000	0.001540707	0.000366653	0.00190736
606927.8	4201008.22	0.00000000	0.002575835	0.001009444	0.00358528	0.00000000	0.000207826	0.000086278	0.00029410	0	0.003770812	0.001604495	0.005375307	0.00000000	0.001402921	0.000451819	0.00185474
606867.8	4200848.22	0.00000000	0.001978387	0.001598677	0.00357706	0.00000000	0.00015971	0.000134602	0.00029431	0	0.002899585	0.002451678	0.005351263	0.00000000	0.001080998	0.000623618	0.00170462
606887.8	4200888.22	0.00000000	0.002175686	0.001389481	0.00356517	0.00000000	0.000175564	0.000117402	0.00029297	0	0.003185931	0.002149018	0.005334949	0.00000000	0.001185909	0.000560687	0.00174660
606907.8	4201268.22	0.00000000	0.002885822	0.000676158	0.00356198	0.00000000	0.00023252	0.000058530	0.00029105	0	0.004212401	0.001107123	0.005319525	0.00000000	0.001559231	0.000335946	0.00189518
606927.8	4201208.22	0.00000000	0.002818961	0.000724447	0.00354341	0.00000000	0.000227308	0.000062687	0.00029000	0	0.004121578	0.001185193	0.005306771	0.00000000	0.001530056	0.000358913	0.00188897
606927.8	4200988.22	0.00000000	0.002499929	0.001043398	0.00354333	0.00000000	0.000201763	0.000089081	0.00029084	0	0.003662055	0.001654143	0.005316198	0.00000000	0.001364003	0.000462572	0.00182658
606827.8	4201428.22	0.00000000	0.002946656	0.000574786	0.00352144	0.00000000	0.000236995	0.000049620	0.00028662	0	0.004284755	0.000935226	0.005219981	0.00000000	0.001575229	0.000279498	0.00185473
606887.8	4201328.22	0.00000000	0.00288075	0.000630628	0.00351138	0.00000000	0.000232005	0.000054602	0.00028661	0	0.004200911	0.001033153	0.005234065	0.00000000	0.001552298	0.000313921	0.00186622
606867.8	4201368.22	0.00000000	0.002897163	0.000605898	0.00350306	0.00000000	0.000233215	0.000052420	0.00028563	0	0.004220501	0.000990861	0.005211362	0.00000000	0.001556685	0.000299783	0.00185647
606867.8	4200828.22	0.00000000	0.001847142	0.001649604	0.00349675	0.00000000	0.000149235	0.000138804	0.00028804	0	0.002711867	0.002526022	0.005237888	0.00000000	0.001014045	0.000639621	0.00165367
606927.8	4200968.22	0.00000000	0.002417011	0.001078329	0.00349534	0.00000000	0.000195138	0.000091962	0.00028710	0	0.003543201	0.001705079	0.00524828	0.00000000	0.00132144	0.000473491	0.00179493
606947.8	4201088.22	0.00000000	0.002639796	0.00085073	0.00349053	0.00000000	0.000213118	0.000073298	0.00028642	0	0.003869529	0.001377914	0.005247443	0.00000000	0.001442972	0.000407205	0.00185018
606887.8	4200868.22	0.00000000	0.002051745	0.001438506	0.00349025	0.00000000	0.000165667	0.000121444	0.00028711	0	0.003008459	0.002220404	0.005228864	0.00000000	0.001122475	0.000575906	0.00169838
606927.8	4201228.22	0.00000000	0.00278828	0.000701819	0.00349010	0.00000000	0.000224873	0.000060810	0.00028568	0	0.00407822	0.001151739	0.005229959	0.00000000	0.001514941	0.000351369	0.00186631
606947.8	4201108.22	0.00000000	0.00266466	0.000824199	0.00348886	0.00000000	0.000215109	0.000071101	0.00028621	0	0.003905351	0.001338852	0.005244203	0.00000000	0.001455922	0.000398526	0.00185445
606907.8	4201288.22	0.00000000	0.002828086	0.000655388	0.00348347	0.00000000	0.000227925	0.000056801	0.00028473	0	0.004130317	0.001076154	0.005206471	0.00000000	0.001530286	0.000328752	0.00185904
606947.8	4201068.22	0.00000000	0.002605331	0.000877997	0.00348333	0.00000000	0.000210364	0.000075557	0.00028592	0	0.00382008	0.001418107	0.005238187	0.00000000	0.001425232	0.000416171	0.00184140
606947.8	4201128.22	0.00000000	0.002680243	0.000798514	0.00347876	0.00000000	0.000216361	0.000068974	0.00028534	0	0.003927953	0.001301023	0.005228976	0.00000000	0.001464194	0.000390112	0.00185431
606947.8	4201048.22	0.00000000	0.002561983	0.000906018	0.00346800	0.00000000	0.000206902	0.000077878	0.00028478	0	0.003757989	0.001459409	0.005217398	0.00000000	0.001403024	0.000425384	0.00182841
606947.8	4201148.22	0.00000000	0.002685789	0.000773638	0.00345943	0.00000000	0.000216816	0.000066916	0.00028373	0	0.003936343	0.001264482	0.005200825	0.00000000	0.001467493	0.000382063	0.00184956
606847.8	4201408.22	0.00000000	0.002873329	0.000581501	0.00345483	0.00000000	0.000231238	0.000050285	0.00028152	0	0.004183537	0.000949896	0.005133433	0.00000000	0.001541578	0.000286614	0.00182819
606947.8	4201028.22	0.00000000	0.002510395	0.00093482	0.00344522	0.00000000	0.000202781	0.000080261	0.00028304	0	0.003684069	0.001501735	0.005185803	0.00000000	0.001376569	0.000434723	0.00181129
606927.8	4200948.22	0.00000000	0.002328242	0.00111432	0.00344256	0.00000000	0.000188044	0.000094926	0.00028297	0	0.00341585	0.00175736	0.00517321	0.00000000	0.001275758	0.000484534	0.00176029
606947.8	4201168.22	0.00000000	0.002681568	0.000749619	0.00343119	0.00000000	0.000216493	0.000064931	0.00028142	0	0.003930868	0.001229253	0.005160121	0.00000000	0.001465916	0.000374343	0.00184026
606927.8	4201248.22	0.00000000	0.002747884	0.000680097	0.00342798	0.00000000	0.000221666	0.000059010	0.00028068	0	0.004021076	0.001119686	0.005140761	0.00000000	0.001494983	0.000344190	0.00183917
606947.8	4201008.22	0.00000000	0.002450988	0.000964413	0.00341540	0.00000000	0.000198034	0.000082706	0.00028074	0	0.003598894	0.001545068	0.005143962	0.00000000	0.001346053	0.000444160	0.00179021
606887.8	4200848.22	0.00000000	0.001928192	0.001485789	0.00341398	0.00000000	0.000155799	0.000125338	0.00028114	0	0.00283145	0.002289098	0.005120548	0.00000000	0.001059145	0.000590425	0.00164957
606867.8	4200808.22	0.00000000	0.001719346	0.001693513	0.00341286	0.00000000	0.000139025	0.000142414	0.00028144	0	0.002528675	0.002589537	0.005118212	0.00000000	0.000948433	0.000652819	0.00160125
606887.8	4201348.22	0.00000000	0.002797788	0.000611776	0.00340956	0.00000000	0.000225399	0.000053030	0.00027843	0	0.004082826	0.001004918	0.005087744	0.00000000	0.001510566	0.000307262	0.00181783
606907.8	4200888.22	0.00000000	0.002104499	0.001303416	0.00340791	0.00000000	0.000170004	0.000110385	0.00028039	0	0.003088782	0.002027062	0.005115844	0.00000000	0.001154384	0.000537431	0.00169181
606907.8	4201308.22	0.00000000	0.00276393	0.000635643	0.00339957	0.00000000	0.000222816	0.000055155	0.00027797	0	0.004039003	0.001046599	0.005085602	0.00000000	0.001498016	0.000321796	0.00181981
606947.8	4201188.22	0.00000000	0.002667921	0.00072649	0.00339441	0.00000000	0.00021542	0.000063018	0.00027844	0	0.003911958	0.001195318	0.005107275	0.00000000	0.001459579	0.000366900	0.00182648
606867.8	4201388.22	0.00000000	0.002793771	0.000587844	0.00338162	0.00000000	0.000224987	0.000050921	0.00027591	0	0.004073567	0.000964096	0.005037663	0.00000000	0.001504911	0.000293688	0.00179860
606947.8	4200988.22	0.00000000	0.002384234	0.000994802	0.00337904	0.00000000	0.000192699	0.000085213	0.00027791	0	0.003503133	0.001589411	0.005092545	0.00000000	0.001311708	0.000453689	0.00176540
606927.8	4201268.22	0.00000000	0.002701219	0.000659501	0.00336072	0.00000000	0.000217953	0.000057297	0.00027525	0	0.00395479	0.00108904	0.00504383	0.00000000	0.001471648	0.000337122	0.00180877
606947.8	4201208.22	0.00000000	0.002645896	0.000704326	0.00335022	0.00000000	0.000213677	0.000061184	0.00027486	0	0.003881038	0.001162711	0.005043749	0.00000000	0.001448941	0.000359677	0.00180862
606907.8	4200868.22	0.00000000	0.001991192	0.001346012	0.00333720	0.00000000	0.000160949	0.000113888	0.00027484	0	0.002926263	0.002088741	0.005015003	0.00000000	0.00109611	0.000550298	0.00164641
606947.8	4200968.22	0.00000000	0.002310822	0.001026027	0.00333685	0.00000000	0.00018683	0.000087785	0.00027462	0	0.003397752	0.001634803	0.005032554	0.00000000	0.001273866	0.000463303	0.00173717
606887.8	4200828.22	0.00000000	0.001806607	0.001529816	0.00333642	0.00000000	0.000146086	0.000128961	0.00027505	0	0.00265721	0.002352938	0.005010148	0.00000000	0.000996772	0.000603815	0.00160059
606847.8	4201428.22	0.00000000	0.00275641	0.000564635	0.00332104	0.00000000	0.00022193	0.000048881	0.00027081	0	0.004017224	0.000924745	0.004941969	0.00000000	0.001482871	0.000280770	0.00176364
606967.8	4201088.22	0.00000000	0.002496429	0.000819776	0.00331621	0.00000000	0.000201868	0.000070911	0.00027278	0	0.003671863	0.001340068	0.005011931	0.00000000	0.001377417	0.000405027	0.00178244
606967.8	4201108.22	0.00000000	0.002516656	0.000795614	0.00331227	0.00000000	0.000203489	0.000068910	0.00027240	0	0.003701053	0.001304479	0.005005532	0.00000000	0.001388001	0.000397109	0.00178511
606967.8	4201068.22	0.00000000	0.002467708	0.000844541	0.00331225	0.00000000	0.000199571	0.000072963	0.00027253	0	0.003630622	0.00137659	0.005007213	0.00000000	0.001362598	0.000413190	0.00177579
606907.8	4201328.22	0.00000000	0.002694009	0.000616831	0.00331084	0.00000000	0.000217248	0.000053587	0.00027083	0	0.003939476	0.001018432	0.004957908	0.00000000	0.001462838	0.000315159	0.00177800
606887.8	4201368.22	0.00000000	0.002709228	0.000593719	0.00330295	0.00000000	0.000218349	0.000051526	0.00026987	0	0.003956836	0.000977955	0.00493479	0.00000000	0.00146608	0.000300967	0.00176705
606967.8	4201048.22	0.00000000	0.002430945	0.000869925	0.00330087	0.00000000	0.000196633	0.000075065	0.00027170	0	0.003577886	0.001413967	0.004991852	0.00000000	0.001343685	0.000421495	0.00176518
606967.8	4201128.22	0.00000000	0.00252819	0.000772083	0.00330027	0.00000000	0.000204419	0.000066963	0.00027138	0	0.003717922	0.001269884	0.004987806	0.00000000	0.001394267	0.000389465	0.00178373
606947.8	4201228.22	0.00000000	0.002615874	0.000683087	0.00329896	0.00000000	0.000211295	0.000059423	0.00027072	0	0.003838644	0.001131366	0.00497001	0.00000000	0.001434185	0.000352654	0.00178684
606947.8	4200948.22	0.00000000	0.00223166	0.001058144	0.00328980	0.00000000	0.000180498	0.000090426	0.00027092	0	0.003284004	0.001681278	0.004965282	0.00000000	0.001232945	0.000472975	0.00170592
606927.8	4201288.22	0.00000000	0.002647509	0.000639814	0.00328732	0.00000000	0.000213679	0.000055659	0.00026934	0	0.003878434	0.001059697	0.004938131	0.00000000	0.001444725	0.000330315	0.00177504
606967.8	4201028.22	0.00000000	0.002386122	0.000895884	0.00328201	0.00000000	0.000193053	0.000077214	0.00027027	0	0.003513665	0.00145217	0.004965836	0.00000000	0.001320705	0.000429971	0.00175068
606967.8	4201148.22	0.00000000	0.002530644	0.000749171	0.00327981	0.00000000	0.000204629	0.000065070	0.00026970	0	0.003721971	0.001236334	0.004958305	0.00000000	0.001396072	0.000382158	0.00177823
606907.8	4200848.22	0.00000000	0.001877611	0.001387131	0.00326474	0.00000000	0.00015187	0.000117267	0.00026914	0	0.002763283	0.002148144	0.004911427	0.00000000	0.001037628	0.000562578	0.00160021
606927.8	4200888.22	0.00000000	0.00203451	0.001226613	0.00326112	0.00000000	0.000164559	0.000104156	0.00026872	0	0.002994118	0.00191972	0.004913838	0.00000000	0.001124261	0.000518210	0.00164247
606867.8	4201408.22	0.00000000	0.002689738	0.000570765	0.00326050	0.00000000	0.000216706	0.000049500	0.00026621	0	0.003925619	0.000938671	0.004864291	0.00000000	0.001452711	0.000287815	0.00174053
606967.8	4201008.22	0.00000000	0.00233432	0.000922556	0.00325688	0.00000000	0.000188912	0.000079416	0.00026833	0	0.003439309	0.001491176	0.004930485	0.00000000	0.001294007	0.000438423	0.00173243
606887.8	4200808.22	0.00000000	0.001687492	0.001568385	0.00325588	0.00000000	0.000136566	0.000132126	0.00026869	0	0.002486322	0.002408514	0.004894836	0.00000000	0.000935474	0.000615187	0.00155066
606967.8	4201168.22	0.00000000	0.002524688	0.000726984	0.00325167	0.00000000	0.000204168	0.000063237	0.00026741	0	0.003714032	0.001203835	0.004917867	0.00000000	0.001393628	0.000375073	0.00176870
606947.8	4201248.22	0.00000000	0.002578301	0.000662728	0.00324103	0.00000000	0.00020831	0.000057734	0.00026604	0	0.003785419	0.00110123	0.004886649	0.00000000	0.001415546	0.000345828	0.00176137
606967.8	4200988.22	0.00000000	0.002275627	0.000949915	0.00322554	0.00000000	0.000184217	0.000081671	0.00026589	0	0.003354978	0.001530988	0.004885966	0.00000000	0.001263673	0.000446889	0.00171056
606907.8	4201348.22	0.00000000	0.002619305	0.000598886	0.00321819	0.00000000	0.000211298	0.000052089	0.00026339	0	0.003833079	0.000991489	0.004824569	0.00000000	0.001425192	0.000308754	0.00173395
606967.8	4201188.22	0.00000000	0.002510288	0.00070551	0.00321580	0.00000000	0.000203035	0.000061463	0.00026450	0	0.003694067	0.001172387	0.004866454	0.00000000	0.001386929	0.000368222	0.00175515
606927.8	4201308.22	0.00000000	0.002588778	0.000621094	0.00320987	0.00000000	0.000209	0.000054097	0.00026310	0	0.003794762	0.001031591	0.004826353	0.00000000	0.001415103	0.000323632	0.00173873
606927.8	4200868.22	0.00000000	0.001931434	0.001264122	0.00319556	0.00000000	0.000156311	0.000107230	0.00026354	0	0.002845868	0.00197354	0.004819408	0.00000000	0.001070834	0.000529033	0.00159987
606887.8	4201388.22	0.00000000	0.002616927	0.00057645	0.00319338	0.00000000	0.000211003	0.000050091	0.00026109	0	0.00382563	0.000952316	0.004777946	0.00000000	0.001419826	0.000295099	0.00171492
606907.8	4200828.22	0.00000000	0.001764789	0.001425396	0.00319019	0.00000000	0.00014285	0.000120407	0.00026326	0	0.002601318	0.002203245	0.004804562	0.00000000	0.00097946	0.000573821	0.00155328
606967.8	4200968.22	0.00000000	0.002210628	0.000978008	0.00318864	0.00000000	0.000179016	0.000083981	0.00026300	0	0.003261491	0.001571654	0.004833145	0.00000000	0.00122998	0.000455362	0.00168534
606947.8	4201268.22	0.00000000	0.002534193	0.000643248	0.00317744	0.00000000	0.000204802	0.000056116	0.00026092	0	0.003722816	0.001072312	0.004795127	0.00000000	0.001393541	0.000339213	0.00173275
606967.8	4201208.22	0.00000000	0.002488326	0.000684826	0.00317315	0.00000000	0.000201298	0.000059752	0.00026105	0	0.003663257	0.001142014	0.00480527	0.00000000	0.001376343	0.000361540	0.00173788
606987.8	4201088.22	0.00000000	0.002364032	0.000790365	0.00315440	0.00000000	0.000191511	0.000068674	0.00026019	0	0.003490604	0.001305472	0.004796077	0.00000000	0.001318192	0.000404362	0.00172255
606987.8	4201068.22	0.00000000	0.002340165	0.000812901	0.00315307	0.00000000	0.000189602	0.000070543	0.00026014	0	0.003456319	0.001338749	0.004795068	0.00000000	0.001305863	0.000411832	0.00171769
606987.8	4201108.22	0.00000000	0.002380347	0.000768339	0.00314869	0.00000000	0.000192819	0.000066849	0.00025967	0	0.003514163	0.001272975	0.004787138	0.00000000	0.001326744	0.000397087	0.00172383
606967.8	4200948.22	0.00000000	0.002139946	0.001006828	0.00314677	0.00000000	0.000173358	0.000086346	0.00025970	0	0.003159726	0.001613152	0.004772878	0.00000000	0.001193235	0.000463828	0.00165706
606987.8	4201048.22	0.00000000	0.002308938	0.000835947	0.00314488	0.00000000	0.000187106	0.000072452	0.00025956	0	0.003411514	0.001372723	0.004784236	0.00000000	0.001289788	0.000419415	0.00170920
606867.8	4201428.22	0.00000000	0.002585904	0.000554578	0.00314048	0.00000000	0.000208439	0.000048152	0.00025659	0	0.003777856	0.000914473	0.00469233	0.00000000	0.00140051	0.000282145	0.00168265
606987.8	4201128.22	0.00000000	0.002388405	0.000746752	0.00313516	0.00000000	0.000193473	0.000065065	0.00025854	0	0.00352613	0.001241325	0.004767456	0.00000000	0.001331308	0.000390163	0.00172147
606987.8	4201028.22	0.00000000	0.002270248	0.000859475	0.00312972	0.00000000	0.000184016	0.000074400	0.00025842	0	0.00335607	0.001407385	0.004763455	0.00000000	0.001269941	0.000427133	0.00169707
606927.8	4201328.22	0.00000000	0.002525138	0.000603214	0.00312835	0.00000000	0.000203929	0.000052603	0.00025653	0	0.003704056	0.001004687	0.004708743	0.00000000	0.001382963	0.000317188	0.00170015
606927.8	4200848.22	0.00000000	0.001827111	0.001300218	0.00312733	0.00000000	0.000147965	0.000110188	0.00025815	0	0.002695903	0.002025337	0.004721239	0.00000000	0.00101684	0.000539453	0.00155629
606967.8	4201228.22	0.00000000	0.002459093	0.000664898	0.00312399	0.00000000	0.00019898	0.000058102	0.00025708	0	0.003622034	0.001112689	0.004734724	0.00000000	0.001362035	0.000355037	0.00171707
606907.8	4201368.22	0.00000000	0.002539794	0.000581661	0.00312145	0.00000000	0.000204967	0.000050654	0.00025562	0	0.003719924	0.000965736	0.00468566	0.00000000	0.001385213	0.000302716	0.00168793
606987.8	4201148.22	0.00000000	0.00238838	0.000725656	0.00311404	0.00000000	0.000193487	0.000063324	0.00025681	0	0.003526701	0.001210536	0.004737237	0.00000000	0.001331918	0.000383542	0.00171546
606907.8	4200808.22	0.00000000	0.001653788	0.001459396	0.00311318	0.00000000	0.000133975	0.000123193	0.00025717	0	0.002441946	0.002252042	0.004693988	0.00000000	0.000922208	0.000583646	0.00150585
606987.8	4201008.22	0.00000000	0.002225159	0.000883642	0.00310880	0.00000000	0.000180408	0.000076394	0.00025680	0	0.003291238	0.001442647	0.004733885	0.00000000	0.001246589	0.000434708	0.00168130
606947.8	4201288.22	0.00000000	0.002484203	0.000624591	0.00310879	0.00000000	0.000200824	0.000054564	0.00025539	0	0.003651759	0.001044525	0.004696284	0.00000000	0.001368493	0.000332783	0.00170128
606967.8	4200928.22	0.00000000	0.002064575	0.001036356	0.00310093	0.00000000	0.000167319	0.000088762	0.00025608	0	0.003051026	0.00165537	0.004706395	0.00000000	0.001153864	0.000472194	0.00162606
606987.8	4201168.22	0.00000000	0.002381089	0.000705171	0.00308626	0.00000000	0.000192921	0.000061633	0.00025455	0	0.003516871	0.001180581	0.004697452	0.00000000	0.001328812	0.000377053	0.00170586
606887.8	4201408.22	0.00000000	0.002523577	0.000560043	0.00308362	0.00000000	0.000203572	0.000048727	0.00025230	0	0.003692869	0.000927898	0.004620766	0.00000000	0.001372979	0.000289463	0.00166244
606987.8	4200988.22	0.00000000	0.002173578	0.000908409	0.00308199	0.00000000	0.000176279	0.000078432	0.00025471	0	0.003216963	0.001478541	0.004695504	0.00000000	0.001219763	0.000442223	0.00166199
606967.8	4201248.22	0.00000000	0.002423918	0.000645804	0.00306972	0.00000000	0.000196185	0.000056517	0.00025270	0	0.003572175	0.001084389	0.004656564	0.00000000	0.001344553	0.000348598	0.00169315
606947.8	4200868.22	0.00000000	0.001872758	0.001191135	0.00306389	0.00000000	0.00015177	0.000101321	0.00025309	0	0.002767431	0.001871989	0.004639421	0.00000000	0.001046529	0.000511236	0.00155777
606927.8	4200828.22	0.00000000	0.001722982	0.001334002	0.00305698	0.00000000	0.000139632	0.000112951	0.00025258	0	0.002546111	0.002073585	0.004619696	0.00000000	0.00096284	0.000548968	0.00151181
606987.8	4201188.22	0.00000000	0.002366188	0.000685241	0.00305143	0.00000000	0.000191749	0.000059988	0.00025174	0	0.003496236	0.001151485	0.004647721	0.00000000	0.001321905	0.000370788	0.00169269
606987.8	4200968.22	0.00000000	0.002116035	0.000933824	0.00304986	0.00000000	0.000171668	0.000080517	0.00025219	0	0.003133976	0.001515112	0.004649088	0.00000000	0.001189706	0.000449664	0.00163937
606927.8	4201348.22	0.00000000	0.002457588	0.000586138	0.00304373	0.00000000	0.000198547	0.000051177	0.00024972	0	0.003607786	0.000978993	0.004586778	0.00000000	0.001348857	0.000311034	0.00165989
606947.8	4201308.22	0.00000000	0.00242979	0.00060679	0.00303658	0.00000000	0.000196489	0.000053078	0.00024957	0	0.003574233	0.001017806	0.004592039	0.00000000	0.001341043	0.000326436	0.00166748
606907.8	4201388.22	0.00000000	0.002456879	0.000565137	0.00302202	0.00000000	0.000198367	0.000049280	0.00024765	0	0.003602008	0.000941147	0.004543155	0.00000000	0.001343608	0.000297042	0.00164065
606987.8	4200948.22	0.00000000	0.002053051	0.000959867	0.00301292	0.00000000	0.000166619	0.000082647	0.00024927	0	0.003043005	0.001552308	0.004595313	0.00000000	0.001156667	0.000457002	0.00161367
606987.8	4201208.22	0.00000000	0.002344497	0.000665952	0.00301045	0.00000000	0.000190034	0.000058395	0.00024843	0	0.003465848	0.001123238	0.004589085	0.00000000	0.001311493	0.000364635	0.00167613
606967.8	4201268.22	0.00000000	0.002382601	0.000627423	0.00301002	0.00000000	0.000192899	0.000054990	0.00024789	0	0.003513533	0.001057104	0.004570636	0.00000000	0.001323939	0.000342357	0.00166630
607007.8	4201068.22	0.00000000	0.00222209	0.000783061	0.00300515	0.00000000	0.000180411	0.000068297	0.00024871	0	0.003296414	0.001304693	0.004601107	0.00000000	0.001254837	0.000412231	0.00166707
607007.8	4201088.22	0.00000000	0.002241588	0.000762466	0.00300405	0.00000000	0.000181972	0.000066590	0.00024856	0	0.003324466	0.00127428	0.004598745	0.00000000	0.001264952	0.000405401	0.00167035
606947.8	4200848.22	0.00000000	0.001777262	0.001223184	0.00300045	0.00000000	0.00014412	0.000103936	0.00024806	0	0.002629758	0.001917484	0.004547242	0.00000000	0.000996698	0.000519980	0.00151668
607007.8	4201048.22	0.00000000	0.002195476	0.000804033	0.00299951	0.00000000	0.000178286	0.000070038	0.00024832	0	0.003258317	0.001335764	0.004594081	0.00000000	0.001241227	0.000419291	0.00166052
607007.8	4201108.22	0.00000000	0.002254374	0.00074232	0.00299669	0.00000000	0.000182997	0.000064919	0.00024792	0	0.003342952	0.001244512	0.004587464	0.00000000	0.001271678	0.000398703	0.00167038
607007.8	4201028.22	0.00000000	0.002162293	0.000825473	0.00298777	0.00000000	0.000175634	0.000071813	0.00024745	0	0.003210702	0.00136732	0.004578023	0.00000000	0.001224142	0.000426293	0.00165044
606927.8	4200808.22	0.00000000	0.001620107	0.00136446	0.00298457	0.00000000	0.000131398	0.000115437	0.00024684	0	0.002398058	0.00211686	0.004514918	0.00000000	0.000909423	0.000557317	0.00146674
607007.8	4201128.22	0.00000000	0.002259727	0.000722522	0.00298225	0.00000000	0.000183436	0.000063283	0.00024672	0	0.003351051	0.0012155	0.004566551	0.00000000	0.001274863	0.000392367	0.00166723
606887.8	4201428.22	0.00000000	0.002430698	0.000544499	0.00297520	0.00000000	0.000196176	0.000047431	0.00024361	0	0.00356065	0.000904626	0.004465276	0.00000000	0.001326239	0.000283982	0.00161022
606987.8	4200928.22	0.00000000	0.001985222	0.000986436	0.00297166	0.00000000	0.000161177	0.000084814	0.00024599	0	0.002944905	0.00158999	0.004534896	0.00000000	0.001120951	0.000464216	0.00158517
607007.8	4201008.22	0.00000000	0.002122909	0.000847448	0.00297036	0.00000000	0.000172481	0.000073625	0.00024611	0	0.00315401	0.00139936	0.00455337	0.00000000	0.001203679	0.000433157	0.00163684
606987.8	4201228.22	0.00000000	0.00231652	0.00064731	0.00296383	0.00000000	0.000187817	0.000056852	0.00024467	0	0.003426411	0.001095831	0.004522242	0.00000000	0.001297814	0.000358579	0.00165639
606947.8	4201328.22	0.00000000	0.002371956	0.000589825	0.00296178	0.00000000	0.000191877	0.000051658	0.00024354	0	0.003491679	0.000992148	0.004483826	0.00000000	0.001311709	0.000320186	0.00163190
607007.8	4201148.22	0.00000000	0.00225781	0.000703105	0.00296092	0.00000000	0.0001833	0.000061683	0.00024498	0	0.003348954	0.001187237	0.004536191	0.00000000	0.001274548	0.000386350	0.00166090
606927.8	4201368.22	0.00000000	0.002386183	0.000569737	0.00295592	0.00000000	0.000192858	0.000049807	0.00024266	0	0.003506044	0.000954334	0.004460377	0.00000000	0.001312827	0.000305144	0.00161797
607007.8	4200988.22	0.00000000	0.00207761	0.000869987	0.00294760	0.00000000	0.000168849	0.000075475	0.00024432	0	0.00308858	0.001431839	0.004520419	0.00000000	0.001179914	0.000439804	0.00161972
606967.8	4201288.22	0.00000000	0.002336351	0.000609782	0.00294613	0.00000000	0.000189216	0.000053520	0.00024274	0	0.003447707	0.00103073	0.004478437	0.00000000	0.001300679	0.000336176	0.00163685
606947.8	4200828.22	0.00000000	0.001681408	0.00125333	0.00293474	0.00000000	0.00013644	0.000106391	0.00024283	0	0.002491495	0.001960061	0.004451556	0.00000000	0.000946603	0.000527982	0.00147459
607007.8	4201168.22	0.00000000	0.00224939	0.000684175	0.00293356	0.00000000	0.000182644	0.000060121	0.00024277	0	0.003337542	0.001159627	0.004497169	0.00000000	0.001270899	0.000380428	0.00165133
606987.8	4200908.22	0.00000000	0.001913497	0.001013406	0.00292690	0.00000000	0.000155417	0.000087006	0.00024242	0	0.002840944	0.00162787	0.004468814	0.00000000	0.001082951	0.000471157	0.00155411
606907.8	4201408.22	0.00000000	0.002373189	0.000549426	0.00292262	0.00000000	0.000191703	0.000047972	0.00023967	0	0.003482916	0.000917694	0.00440061	0.00000000	0.001301538	0.000291573	0.00159311
607007.8	4200968.22	0.00000000	0.002026679	0.000893095	0.00291977	0.00000000	0.000164761	0.000077365	0.00024213	0	0.003014843	0.001464804	0.004479646	0.00000000	0.001153018	0.000446274	0.00159929
606987.8	4201248.22	0.00000000	0.002283142	0.000629356	0.00291250	0.00000000	0.000185164	0.000055362	0.00024053	0	0.00337912	0.001069252	0.004448372	0.00000000	0.001281248	0.000352557	0.00163380
607007.8	4201188.22	0.00000000	0.00223422	0.00066569	0.00289991	0.00000000	0.000181452	0.000058598	0.00024005	0	0.003316569	0.001132739	0.004449308	0.00000000	0.001263903	0.000374717	0.00163862
607007.8	4200948.22	0.00000000	0.001970665	0.000916767	0.00288743	0.00000000	0.00016026	0.000079291	0.00023955	0	0.002933531	0.001498174	0.004431705	0.00000000	0.001123215	0.000452493	0.00157571
606947.8	4201348.22	0.00000000	0.002310902	0.000573602	0.00288450	0.00000000	0.000187008	0.000050298	0.00023731	0	0.003404498	0.000967549	0.004372047	0.00000000	0.00128071	0.000314147	0.00159486
606967.8	4200848.22	0.00000000	0.001728005	0.001154355	0.00288236	0.00000000	0.000140333	0.000098376	0.00023871	0	0.002564869	0.00182224	0.004387109	0.00000000	0.000977276	0.000503734	0.00148101
606967.8	4201308.22	0.00000000	0.002286333	0.000592911	0.00287924	0.00000000	0.00018523	0.000052111	0.00023734	0	0.00337638	0.001005344	0.004381724	0.00000000	0.001275381	0.000330095	0.00160548
607027.8	4201068.22	0.00000000	0.002112208	0.000754876	0.00286708	0.00000000	0.000171905	0.000066223	0.00023813	0	0.003149424	0.001274609	0.004424033	0.00000000	0.001209218	0.000414751	0.00162397
606947.8	4200808.22	0.00000000	0.00158599	0.00128068	0.00286667	0.00000000	0.000128794	0.000108614	0.00023741	0	0.00235383	0.001998475	0.004352304	0.00000000	0.000896706	0.000535021	0.00143173
606927.8	4201388.22	0.00000000	0.002311885	0.000553982	0.00286587	0.00000000	0.000186941	0.000048494	0.00023543	0	0.003400265	0.000930756	0.00433102	0.00000000	0.001275426	0.000299598	0.00157502
607027.8	4201088.22	0.00000000	0.002128166	0.000736027	0.00286419	0.00000000	0.000173181	0.000064658	0.00023784	0	0.003172328	0.001246654	0.004418982	0.00000000	0.00121744	0.000408376	0.00162582
607027.8	4201048.22	0.00000000	0.002089598	0.000774029	0.00286363	0.00000000	0.000170103	0.000067817	0.00023792	0	0.003117154	0.001303141	0.004420295	0.00000000	0.001197754	0.000421357	0.00161911
607007.8	4201208.22	0.00000000	0.002212956	0.000647717	0.00286067	0.00000000	0.000179774	0.000057116	0.00023689	0	0.003286875	0.001106561	0.004393435	0.00000000	0.001253794	0.000369131	0.00162292
606987.8	4201268.22	0.00000000	0.002244448	0.000612022	0.00285647	0.00000000	0.000182088	0.000053923	0.00023601	0	0.003324219	0.001043547	0.004367766	0.00000000	0.001261961	0.000346698	0.00160866
607027.8	4201108.22	0.00000000	0.002137919	0.000717554	0.00285547	0.00000000	0.000173963	0.000063125	0.00023709	0	0.003186425	0.00121929	0.004405715	0.00000000	0.001222568	0.000402163	0.00162473
607027.8	4201028.22	0.00000000	0.002061128	0.000793638	0.00285477	0.00000000	0.000167826	0.000069440	0.00023727	0	0.003076269	0.001332008	0.004408277	0.00000000	0.001183061	0.000427767	0.00161083
607007.8	4200928.22	0.00000000	0.001910023	0.000940889	0.00285091	0.00000000	0.000155382	0.000081246	0.00023663	0	0.002845339	0.001531851	0.00437719	0.00000000	0.001090785	0.000458492	0.00154928
607027.8	4201128.22	0.00000000	0.00214106	0.000699372	0.00284043	0.00000000	0.000174224	0.000061622	0.00023585	0	0.003191327	0.001192618	0.004383944	0.00000000	0.00122459	0.000396316	0.00162091
607027.8	4201008.22	0.00000000	0.002026729	0.000813697	0.00284043	0.00000000	0.00016507	0.000071093	0.00023616	0	0.003026664	0.001361199	0.004387862	0.00000000	0.001165098	0.000433977	0.00159907
607027.8	4200988.22	0.00000000	0.001986953	0.000834296	0.00282125	0.00000000	0.000161875	0.000072779	0.00023465	0	0.00296896	0.001390642	0.004359602	0.00000000	0.001143973	0.000439804	0.00158378
606967.8	4200828.22	0.00000000	0.001639624	0.001181326	0.00282095	0.00000000	0.000133242	0.000100562	0.00023380	0	0.002437024	0.001859869	0.004296893	0.00000000	0.000930717	0.000510416	0.00144113
606907.8	4201428.22	0.00000000	0.002285418	0.000534065	0.00281948	0.00000000	0.000184725	0.000046704	0.00023143	0	0.003358411	0.000895275	0.004253686	0.00000000	0.001257822	0.000286751	0.00154457
607027.8	4201148.22	0.00000000	0.002137685	0.000681498	0.00281918	0.00000000	0.000173972	0.000060149	0.00023412	0	0.003187141	0.001166637	0.004353779	0.00000000	0.001223526	0.000390815	0.00161434
607007.8	4201228.22	0.00000000	0.002185915	0.000630247	0.00281616	0.00000000	0.000177634	0.000055676	0.00023331	0	0.003248917	0.001081085	0.004330002	0.00000000	0.001240736	0.000363669	0.00160441
607007.8	4200908.22	0.00000000	0.001845141	0.000965232	0.00281037	0.00000000	0.000150161	0.000083213	0.00023337	0	0.002750886	0.00156557	0.004316456	0.00000000	0.001055991	0.000464272	0.00152026
606967.8	4201328.22	0.00000000	0.002232793	0.000576722	0.00280951	0.00000000	0.00018096	0.000050755	0.00023172	0	0.003299935	0.000980855	0.00428079	0.00000000	0.001248205	0.000324128	0.00157233
606947.8	4201368.22	0.00000000	0.002246526	0.00055799	0.00280452	0.00000000	0.000181876	0.000048991	0.00023087	0	0.003312625	0.000943919	0.004256544	0.00000000	0.001248078	0.000308379	0.00155646
607027.8	4200968.22	0.00000000	0.001942103	0.000855442	0.00279754	0.00000000	0.000158263	0.000074497	0.00023276	0	0.002903574	0.001420327	0.004323901	0.00000000	0.001119823	0.000445231	0.00156505
606987.8	4201288.22	0.00000000	0.002201407	0.000595327	0.00279673	0.00000000	0.000178662	0.000052533	0.00023119	0	0.003263012	0.001018659	0.004281671	0.00000000	0.001240368	0.000340921	0.00158129
607027.8	4201168.22	0.00000000	0.002128351	0.000663995	0.00279235	0.00000000	0.000173245	0.000058709	0.00023195	0	0.003174502	0.001141241	0.004315743	0.00000000	0.001219494	0.000385474	0.00160497
606927.8	4201408.22	0.00000000	0.00223449	0.00053872	0.00277321	0.00000000	0.000180781	0.000047226	0.00022801	0	0.003290231	0.000908121	0.004198352	0.00000000	0.001236624	0.000294437	0.00153106
606987.8	4200848.22	0.00000000	0.00167949	0.001092479	0.00277197	0.00000000	0.000136618	0.000093406	0.00023002	0	0.002501537	0.00173787	0.004239407	0.00000000	0.000958743	0.000490418	0.00144916
607027.8	4200948.22	0.00000000	0.001892245	0.000877041	0.00276929	0.00000000	0.000154244	0.000076243	0.00023049	0	0.00283072	0.001450266	0.004280985	0.00000000	0.001092805	0.000450381	0.00154319
607007.8	4201248.22	0.00000000	0.002154028	0.000613345	0.00276737	0.00000000	0.000175104	0.000054277	0.00022938	0	0.003203881	0.001056245	0.004260126	0.00000000	0.001225056	0.000358187	0.00158324
607027.8	4201188.22	0.00000000	0.00211286	0.00064682	0.00275968	0.00000000	0.000172032	0.000057299	0.00022933	0	0.003153231	0.001116501	0.004269733	0.00000000	0.0012125	0.000380419	0.00159292
606967.8	4201348.22	0.00000000	0.002177226	0.000561289	0.00273851	0.00000000	0.000176526	0.000049460	0.00022599	0	0.003220476	0.000957343	0.004177819	0.00000000	0.001219876	0.000318267	0.00153814
607047.8	4201068.22	0.00000000	0.002009731	0.000728258	0.00273799	0.00000000	0.000164029	0.000064323	0.00022835	0	0.003014512	0.001248717	0.004263229	0.00000000	0.001168902	0.000419720	0.00158862
607027.8	4200928.22	0.00000000	0.001837845	0.000898989	0.00273683	0.00000000	0.000149854	0.000078008	0.00022786	0	0.002751077	0.001480319	0.004231396	0.00000000	0.001063171	0.000455235	0.00151841
607047.8	4201048.22	0.00000000	0.001990892	0.00074587	0.00273676	0.00000000	0.000162527	0.000065789	0.00022832	0	0.002987635	0.001274989	0.004262624	0.00000000	0.001159361	0.000425833	0.00158519
606987.8	4201308.22	0.00000000	0.002154751	0.000579269	0.00273402	0.00000000	0.000174944	0.000051193	0.00022614	0	0.003196515	0.000994553	0.004191067	0.00000000	0.001216806	0.000335191	0.00155200
607047.8	4201088.22	0.00000000	0.002022778	0.000710977	0.00273375	0.00000000	0.000165068	0.000062883	0.00022795	0	0.003033108	0.00122289	0.004255999	0.00000000	0.001175491	0.000413674	0.00158916

607047.8	4201028.22	0.00000000	0.001966566	0.000763879	0.00273045	0.00000000	0.00016058	0.000067279	0.00022786	0	0.002952633	0.001301465	0.004254098	0.00000000	0.001146737	0.000431682	0.00157842
607047.8	4201108.22	0.00000000	0.002029994	0.000693993	0.00272399	0.00000000	0.000165647	0.000061471	0.00022712	0	0.003043516	0.001197644	0.00424116	0.00000000	0.001179262	0.000407871	0.00158713
606947.8	4201388.22	0.00000000	0.002179861	0.00054299	0.00272285	0.00000000	0.000176562	0.000047736	0.00022430	0	0.003217535	0.000921272	0.004138806	0.00000000	0.001214336	0.000302892	0.00151723
607027.8	4201208.22	0.00000000	0.002091921	0.00063005	0.00272197	0.00000000	0.000170384	0.000055922	0.00022631	0	0.003124166	0.001092321	0.004216487	0.00000000	0.001202724	0.000375458	0.00157818
607047.8	4201008.22	0.00000000	0.00193675	0.000782307	0.00271906	0.00000000	0.000158186	0.000068793	0.00022698	0	0.00290944	0.001328101	0.004237542	0.00000000	0.001130965	0.000437201	0.00156817
606987.8	4200828.22	0.00000000	0.001598024	0.001116723	0.00271475	0.00000000	0.000130072	0.000095360	0.00022543	0	0.002383296	0.001771183	0.004154479	0.00000000	0.000915417	0.000495899	0.00141132
607007.8	4201268.22	0.00000000	0.002117722	0.000596998	0.00271472	0.00000000	0.000172219	0.000052922	0.00022514	0	0.003152438	0.001032092	0.00418453	0.00000000	0.001207032	0.000352752	0.00155978
607047.8	4201128.22	0.00000000	0.0020312	0.000677254	0.00270845	0.00000000	0.000165753	0.000060087	0.00022584	0	0.003045643	0.001173094	0.004218737	0.00000000	0.001180289	0.000402494	0.00158278
607047.8	4200988.22	0.00000000	0.00190191	0.00080122	0.00270313	0.00000000	0.000155378	0.000070333	0.00022571	0	0.002858542	0.001354779	0.004213321	0.00000000	0.001112098	0.000442185	0.00155428
607027.8	4200908.22	0.00000000	0.001779485	0.000921134	0.00270062	0.00000000	0.000145142	0.000079782	0.00022492	0	0.002665483	0.001510273	0.004175757	0.00000000	0.001031221	0.000459752	0.00149097
607047.8	4201148.22	0.00000000	0.002026667	0.000660781	0.00268745	0.00000000	0.000165408	0.000058731	0.00022414	0	0.003039792	0.001149176	0.004188968	0.00000000	0.001178626	0.000397451	0.00157608
607047.8	4200968.22	0.00000000	0.001862084	0.00082058	0.00268266	0.00000000	0.00015216	0.000071896	0.00022406	0	0.00280007	0.001381532	0.004181601	0.00000000	0.001090231	0.000446717	0.00153695
607027.8	4201228.22	0.00000000	0.002065983	0.000613705	0.00267969	0.00000000	0.000168336	0.000054579	0.00022291	0	0.003087929	0.00106871	0.004156639	0.00000000	0.001190376	0.000370580	0.00156096
606927.8	4201428.22	0.00000000	0.002150493	0.000523401	0.00267389	0.00000000	0.000174116	0.000045977	0.00022009	0	0.003171605	0.000886425	0.00405803	0.00000000	0.001195327	0.000290309	0.00148564
606987.8	4201328.22	0.00000000	0.002106069	0.000563946	0.00267002	0.00000000	0.000171057	0.000049906	0.00022096	0	0.003126838	0.000971187	0.004098024	0.00000000	0.001191922	0.000329351	0.00152127
606967.8	4201368.22	0.00000000	0.002119665	0.000546508	0.00266617	0.00000000	0.000171928	0.000048213	0.00022014	0	0.003138007	0.000934605	0.004072612	0.00000000	0.001190368	0.000312429	0.00150280
607047.8	4201168.22	0.00000000	0.002016506	0.000644564	0.00266107	0.00000000	0.000164619	0.000057401	0.00022202	0	0.003026107	0.00112586	0.004151967	0.00000000	0.001174313	0.000392722	0.00156703
607027.8	4200888.22	0.00000000	0.001717485	0.000943176	0.00266066	0.00000000	0.000140135	0.000081542	0.00022168	0	0.002574553	0.001539879	0.004114431	0.00000000	0.000997281	0.000464033	0.00146131
607007.8	4201288.22	0.00000000	0.002077784	0.000581225	0.00265901	0.00000000	0.000169039	0.000051608	0.00022065	0	0.003095611	0.001008542	0.004104153	0.00000000	0.001186961	0.000347257	0.00153422
607047.8	4200948.22	0.00000000	0.001817701	0.000840358	0.00265806	0.00000000	0.000148567	0.000073480	0.00022205	0	0.002734611	0.001408292	0.004142903	0.00000000	0.00106556	0.000450760	0.00151632
606947.8	4201408.22	0.00000000	0.002109941	0.000528383	0.00263832	0.00000000	0.000170995	0.000046521	0.00021752	0	0.003118035	0.000899501	0.004017536	0.00000000	0.001179186	0.000297843	0.00147703
607027.8	4201248.22	0.00000000	0.00203589	0.000597848	0.00263374	0.00000000	0.000165951	0.000053270	0.00021922	0	0.003045526	0.001045528	0.004091055	0.00000000	0.00117568	0.000365562	0.00154124
607047.8	4201188.22	0.00000000	0.002001208	0.000628652	0.00262986	0.00000000	0.000163422	0.000056098	0.00021952	0	0.003005147	0.001103045	0.004108192	0.00000000	0.001167452	0.000388147	0.00155560
607047.8	4200928.22	0.00000000	0.001769044	0.000860435	0.00262948	0.00000000	0.000144622	0.000075077	0.00021970	0	0.00266265	0.001434979	0.004097629	0.00000000	0.001038309	0.000454372	0.00149268
607067.8	4201048.22	0.00000000	0.001898802	0.000719451	0.00261825	0.00000000	0.000155524	0.000063954	0.00021948	0	0.002869313	0.001251572	0.004120885	0.00000000	0.001126122	0.000433112	0.00155923
607067.8	4201068.22	0.00000000	0.001914435	0.000703207	0.00261764	0.00000000	0.000156769	0.000062600	0.00021937	0	0.002891561	0.001227256	0.004118818	0.00000000	0.001133983	0.000427388	0.00156137
607067.8	4201028.22	0.00000000	0.001877979	0.000736038	0.00261402	0.00000000	0.000153857	0.000065327	0.00021918	0	0.002839326	0.001275975	0.004115301	0.00000000	0.001115291	0.000438518	0.00155381
607067.8	4201088.22	0.00000000	0.001924921	0.000687295	0.00261222	0.00000000	0.0001576	0.000061269	0.00021887	0	0.002906333	0.001203247	0.00410958	0.00000000	0.0011391	0.000421585	0.00156068
607067.8	4201008.22	0.00000000	0.001852275	0.000753047	0.00260532	0.00000000	0.000151785	0.000066718	0.00021850	0	0.002801777	0.001300249	0.004102026	0.00000000	0.001101372	0.000443292	0.00154466
606987.8	4201348.22	0.00000000	0.002055518	0.000549284	0.00260480	0.00000000	0.000167015	0.000048666	0.00021568	0	0.003054218	0.00094847	0.004002689	0.00000000	0.001165809	0.000323394	0.00148920
607067.8	4201108.22	0.00000000	0.001929805	0.000671608	0.00260141	0.00000000	0.000157993	0.000059965	0.00021796	0	0.002913429	0.001179938	0.004093367	0.00000000	0.001141705	0.000416235	0.00155794
607007.8	4201308.22	0.00000000	0.002034899	0.000566034	0.00260093	0.00000000	0.00016562	0.000050338	0.00021596	0	0.003034389	0.000985628	0.004020017	0.00000000	0.001165203	0.000341724	0.00150693
607047.8	4200908.22	0.00000000	0.001716289	0.000880589	0.00259688	0.00000000	0.000140345	0.000076674	0.00021702	0	0.002584642	0.001461514	0.004046157	0.00000000	0.001008777	0.000457737	0.00146651
607047.8	4201208.22	0.00000000	0.001981132	0.000613072	0.00259420	0.00000000	0.000161843	0.000054821	0.00021666	0	0.002977351	0.00108069	0.00405804	0.00000000	0.001158153	0.000383651	0.00154180
607067.8	4200988.22	0.00000000	0.00182177	0.000770475	0.00259224	0.00000000	0.000149314	0.000068125	0.00021744	0	0.002756741	0.001324351	0.004081091	0.00000000	0.001084369	0.000447389	0.00153176
606967.8	4201388.22	0.00000000	0.002059378	0.000532201	0.00259158	0.00000000	0.000167118	0.000047012	0.00021413	0	0.003051838	0.000912812	0.00396465	0.00000000	0.001159672	0.000306999	0.00146667
607067.8	4201128.22	0.00000000	0.001929532	0.000656178	0.00258571	0.00000000	0.00015798	0.000058688	0.00021667	0	0.002913374	0.001157246	0.00407062	0.00000000	0.001141911	0.000411215	0.00155313
607027.8	4201268.22	0.00000000	0.002001989	0.000582466	0.00258446	0.00000000	0.000163257	0.000051995	0.00021525	0	0.002997509	0.001022825	0.004020333	0.00000000	0.001158868	0.000360473	0.00151934
607067.8	4200968.22	0.00000000	0.001786589	0.000788296	0.00257488	0.00000000	0.000146455	0.000069549	0.00021600	0	0.002704449	0.0013483	0.004052749	0.00000000	0.001064398	0.000450865	0.00151526
607067.8	4201148.22	0.00000000	0.001924118	0.000640978	0.00256510	0.00000000	0.000157563	0.000057437	0.00021500	0	0.002906233	0.001135177	0.00404141	0.00000000	0.001139766	0.000406562	0.00154633
607047.8	4200888.22	0.00000000	0.001660067	0.000900642	0.00256071	0.00000000	0.000135788	0.000078257	0.00021404	0	0.002501507	0.001487658	0.003989166	0.00000000	0.000977304	0.000460821	0.00143812
607047.8	4201228.22	0.00000000	0.001956497	0.000597813	0.00255431	0.00000000	0.000159901	0.000053570	0.00021347	0	0.002943027	0.001058775	0.004001802	0.00000000	0.001146521	0.000379227	0.00152575
607067.8	4200948.22	0.00000000	0.001746976	0.000806441	0.00255342	0.00000000	0.000143229	0.000070984	0.00021421	0	0.002645303	0.001372063	0.004017366	0.00000000	0.001041637	0.000453763	0.00149540
606947.8	4201428.22	0.00000000	0.002031419	0.000513366	0.00254478	0.00000000	0.000164778	0.000045311	0.00021009	0	0.003007669	0.00087885	0.003886519	0.00000000	0.001141121	0.000294432	0.00143555
607007.8	4201328.22	0.00000000	0.001989988	0.000551463	0.00254145	0.00000000	0.00016203	0.000049111	0.00021114	0	0.002969967	0.000963259	0.003933226	0.00000000	0.001142101	0.000336016	0.00147812
607067.8	4201168.22	0.00000000	0.001913605	0.000625977	0.00253958	0.00000000	0.000156747	0.000056209	0.00021296	0	0.00289209	0.001113725	0.004005816	0.00000000	0.001135321	0.000402308	0.00153763
606987.8	4201368.22	0.00000000	0.002002797	0.000535159	0.00253796	0.00000000	0.000162799	0.000047472	0.00021027	0	0.002978515	0.000926577	0.003905092	0.00000000	0.001138609	0.000317645	0.00145625
607027.8	4201288.22	0.00000000	0.001964988	0.000567586	0.00253257	0.00000000	0.00016031	0.000050755	0.00021106	0	0.002944814	0.001000559	0.003945373	0.00000000	0.001140226	0.000355238	0.00149546
607067.8	4200928.22	0.00000000	0.001703234	0.000824814	0.00252805	0.00000000	0.000139663	0.000072426	0.00021209	0	0.002579849	0.001395633	0.003975482	0.00000000	0.001016356	0.000456194	0.00147255
607047.8	4200868.22	0.00000000	0.001601027	0.000920372	0.00252140	0.00000000	0.000131001	0.000079809	0.00021081	0	0.002414188	0.001513108	0.003927295	0.00000000	0.000944235	0.000463572	0.00140781
606967.8	4201408.22	0.00000000	0.00199583	0.000518203	0.00251403	0.00000000	0.000162056	0.000045845	0.00020790	0	0.002961318	0.000891859	0.003853177	0.00000000	0.001127635	0.000302067	0.00142970
607047.8	4201248.22	0.00000000	0.001928012	0.000582932	0.00251094	0.00000000	0.000157647	0.000052346	0.00020999	0	0.00290304	0.001037207	0.003940246	0.00000000	0.001132763	0.000374711	0.00150747
607067.8	4201188.22	0.00000000	0.001898506	0.000611219	0.00250972	0.00000000	0.000155568	0.000055004	0.00021057	0	0.002871472	0.001092704	0.003964176	0.00000000	0.00112862	0.000398208	0.00152683
607087.8	4201048.22	0.00000000	0.001812714	0.00069466	0.00250737	0.00000000	0.000149059	0.000062318	0.00021138	0	0.002761828	0.00123335	0.003995179	0.00000000	0.001098256	0.000443802	0.00154206
607087.8	4201068.22	0.00000000	0.001825593	0.000679625	0.00250522	0.00000000	0.000150082	0.000061061	0.00021114	0	0.002780048	0.0012107	0.003990748	0.00000000	0.001104621	0.000438355	0.00154298
607087.8	4201028.22	0.00000000	0.001795084	0.000710021	0.00250511	0.00000000	0.000147645	0.000063587	0.00021123	0	0.002736326	0.001255856	0.003992182	0.00000000	0.001088969	0.000448712	0.00153768
607067.8	4200908.22	0.00000000	0.00165578	0.000843271	0.00249905	0.00000000	0.000135793	0.000073866	0.00020966	0	0.002508787	0.001418929	0.003927716	0.00000000	0.000988877	0.000458242	0.00144712
607087.8	4201008.22	0.00000000	0.001772887	0.000725755	0.00249864	0.00000000	0.000145846	0.000064866	0.00021071	0	0.002703536	0.001277956	0.003981492	0.00000000	0.001076576	0.000452763	0.00152934
607087.8	4201088.22	0.00000000	0.001833576	0.000664872	0.00249845	0.00000000	0.000150713	0.000059826	0.00021054	0	0.002791231	0.001188387	0.003979618	0.00000000	0.001108452	0.000432920	0.00154137
607087.8	4200988.22	0.00000000	0.001746216	0.000741865	0.00248808	0.00000000	0.000143669	0.000066152	0.00020982	0	0.002663523	0.001299572	0.003963095	0.00000000	0.001061056	0.000455869	0.00151693
607087.8	4201108.22	0.00000000	0.00183688	0.000650399	0.00248728	0.00000000	0.000150974	0.000058617	0.00020959	0	0.002795834	0.001166587	0.003962421	0.00000000	0.001110011	0.000427682	0.00153769
607007.8	4201348.22	0.00000000	0.001943848	0.000537534	0.00248138	0.00000000	0.000158333	0.000047926	0.00020626	0	0.00290341	0.000941387	0.003844797	0.00000000	0.001117985	0.000330058	0.00144804
607027.8	4201308.22	0.00000000	0.001925422	0.000553212	0.00247863	0.00000000	0.000157151	0.000049549	0.00020670	0	0.002888179	0.000978703	0.003866882	0.00000000	0.001119996	0.000349824	0.00146982
607067.8	4201208.22	0.00000000	0.001879034	0.000596706	0.00247574	0.00000000	0.000154041	0.000053819	0.00020786	0	0.002844669	0.001072105	0.003916774	0.00000000	0.001119761	0.000394251	0.00151401
607087.8	4200968.22	0.00000000	0.001715159	0.000758309	0.00247347	0.00000000	0.000141123	0.000067444	0.00020857	0	0.002616497	0.00132075	0.003937247	0.00000000	0.00104254	0.000458129	0.00150067
607087.8	4201128.22	0.00000000	0.001835165	0.000636108	0.00247127	0.00000000	0.000150847	0.000057436	0.00020828	0	0.002793781	0.001145658	0.003939438	0.00000000	0.001109547	0.000423122	0.00153267
606987.8	4201388.22	0.00000000	0.001948675	0.000521586	0.00247026	0.00000000	0.000158473	0.000046324	0.00020480	0	0.002900859	0.00090557	0.003806429	0.00000000	0.001110746	0.000312153	0.00142290
607067.8	4200888.22	0.00000000	0.001604921	0.000861608	0.00246653	0.00000000	0.000131648	0.000075291	0.00020694	0	0.002432718	0.001441848	0.003874566	0.00000000	0.000959518	0.000460044	0.00141956
607047.8	4201268.22	0.00000000	0.00189643	0.000568481	0.00246491	0.00000000	0.000155138	0.000051148	0.00020629	0	0.002858317	0.00101589	0.003874207	0.00000000	0.001117112	0.000369943	0.00148706
607087.8	4200948.22	0.00000000	0.001679914	0.000775029	0.00245494	0.00000000	0.000138227	0.000068742	0.00020697	0	0.002562885	0.001341569	0.003904454	0.00000000	0.001021275	0.000459692	0.00148097
607087.8	4201148.22	0.00000000	0.001829056	0.000622053	0.00245111	0.00000000	0.000150375	0.000056279	0.00020665	0	0.002785628	0.001125269	0.003910897	0.00000000	0.00110703	0.000418838	0.00152587
607067.8	4201228.22	0.00000000	0.001855694	0.000582474	0.00243817	0.00000000	0.000152203	0.000052656	0.00020486	0	0.002812243	0.001051789	0.003864032	0.00000000	0.001108837	0.000390252	0.00149909
607087.8	4200928.22	0.00000000	0.001640738	0.000791922	0.00243266	0.00000000	0.000135007	0.000070042	0.00020505	0	0.002503236	0.001362105	0.003865341	0.00000000	0.000997579	0.000460758	0.00145834
607067.8	4200868.22	0.00000000	0.001551117	0.000879597	0.00243071	0.00000000	0.000127266	0.000076685	0.00020395	0	0.002352367	0.001464137	0.003816504	0.00000000	0.000928587	0.000461612	0.00139020
606967.8	4201428.22	0.00000000	0.001923474	0.00050365	0.00242712	0.00000000	0.000156335	0.000044680	0.00020101	0	0.002859923	0.000872155	0.003732079	0.00000000	0.001092873	0.000299080	0.00139195
607087.8	4201168.22	0.00000000	0.001818525	0.000608189	0.00242671	0.00000000	0.000149555	0.000055144	0.00020470	0	0.002771378	0.001105412	0.00387679	0.00000000	0.001102491	0.000414874	0.00151737
607027.8	4201328.22	0.00000000	0.001883697	0.000539332	0.00242303	0.00000000	0.000153814	0.000048378	0.00020219	0	0.002828247	0.000957321	0.003785568	0.00000000	0.00109845	0.000344311	0.00144276
607007.8	4201368.22	0.00000000	0.001895944	0.000524105	0.00242005	0.00000000	0.000154493	0.000046781	0.00020127	0	0.00283425	0.000920161	0.003754411	0.00000000	0.001092887	0.000324169	0.00141706
607047.8	4201288.22	0.00000000	0.001862001	0.000554438	0.00241644	0.00000000	0.000152395	0.000049977	0.00020237	0	0.002809258	0.000994847	0.003804105	0.00000000	0.001099737	0.000364971	0.00146471
607087.8	4200908.22	0.00000000	0.001597913	0.000808844	0.00240676	0.00000000	0.000131489	0.000071337	0.00020283	0	0.002438124	0.001382355	0.003820478	0.00000000	0.000971773	0.000461495	0.00143327
607107.8	4201048.22	0.00000000	0.001732248	0.000671424	0.00240367	0.00000000	0.000143117	0.000060891	0.00020401	0	0.002665236	0.001220936	0.003886172	0.00000000	0.001076184	0.000458619	0.00153480
607107.8	4201028.22	0.00000000	0.001717354	0.000685685	0.00240304	0.00000000	0.000141918	0.000062067	0.00020399	0	0.002643555	0.001241716	0.00388527	0.00000000	0.001068197	0.000463059	0.00153126
607107.8	4201068.22	0.00000000	0.001742614	0.000657438	0.00240005	0.00000000	0.00014394	0.000059722	0.00020366	0	0.002679885	0.001199856	0.003879741	0.00000000	0.00108129	0.000453541	0.00153483
606987.8	4201408.22	0.00000000	0.001890649	0.000508163	0.00239881	0.00000000	0.000153849	0.000045204	0.00019905	0	0.002818125	0.000885398	0.003703523	0.00000000	0.001081411	0.000307343	0.00138875
607107.8	4201008.22	0.00000000	0.001698237	0.000700286	0.00239852	0.00000000	0.000140355	0.000063241	0.00020360	0	0.002614772	0.001261673	0.003876445	0.00000000	0.001056967	0.000466252	0.00152322
607087.8	4201188.22	0.00000000	0.001803683	0.000594488	0.00239817	0.00000000	0.000148398	0.000054029	0.00020243	0	0.002751207	0.001086069	0.003837276	0.00000000	0.001096004	0.000411245	0.00150725
607067.8	4201248.22	0.00000000	0.001829035	0.000568556	0.00239759	0.00000000	0.000150095	0.000051512	0.00020161	0	0.002774862	0.001031671	0.003806533	0.00000000	0.001096005	0.000386083	0.00148209
607107.8	4201088.22	0.00000000	0.001748738	0.000643754	0.00239249	0.00000000	0.000144415	0.000058568	0.00020298	0	0.002688126	0.001178777	0.003866903	0.00000000	0.001083883	0.000448107	0.00153199
607107.8	4200988.22	0.00000000	0.001674955	0.000715213	0.00239017	0.00000000	0.000138431	0.000064410	0.00020284	0	0.002578926	0.001280738	0.003859664	0.00000000	0.001042478	0.000468139	0.00151062
607107.8	4201108.22	0.00000000	0.001750456	0.000630315	0.00238077	0.00000000	0.000144546	0.000057441	0.00020199	0	0.002690346	0.001158365	0.003848711	0.00000000	0.001084516	0.000443068	0.00152758
607107.8	4200968.22	0.00000000	0.001647562	0.000730426	0.00237799	0.00000000	0.000136155	0.000065578	0.00020173	0	0.002536292	0.001299086	0.003835379	0.00000000	0.001024961	0.000468950	0.00149391
607087.8	4200888.22	0.00000000	0.001551778	0.000825627	0.00237741	0.00000000	0.000127704	0.000072617	0.00020032	0	0.002368186	0.001402253	0.00377044	0.00000000	0.000944183	0.000462037	0.00140622
607027.8	4201348.22	0.00000000	0.001840537	0.000525974	0.00236651	0.00000000	0.000150356	0.000047243	0.00019760	0	0.002765974	0.000936368	0.003702341	0.00000000	0.001075877	0.000338618	0.00141450
607047.8	4201308.22	0.00000000	0.001825424	0.000540845	0.00236627	0.00000000	0.000149471	0.000048833	0.00019830	0	0.002756755	0.000974017	0.003730772	0.00000000	0.001080886	0.000359686	0.00144057
607087.8	4201208.22	0.00000000	0.001784837	0.000580964	0.00236580	0.00000000	0.000146925	0.000052931	0.00019986	0	0.002725458	0.001067143	0.003792601	0.00000000	0.001087628	0.000407836	0.00149546
607107.8	4201128.22	0.00000000	0.001747867	0.000617091	0.00236496	0.00000000	0.000144345	0.000056344	0.00020069	0	0.002686875	0.001138814	0.003825689	0.00000000	0.001083433	0.000438659	0.00152209
607107.8	4200948.22	0.00000000	0.001616219	0.000745866	0.00236209	0.00000000	0.000133547	0.000066744	0.00020029	0	0.002487333	0.001316917	0.003804249	0.00000000	0.001004734	0.000468958	0.00147369
607007.8	4201388.22	0.00000000	0.001846119	0.000511083	0.00235720	0.00000000	0.000150504	0.000045674	0.00019618	0	0.002762493	0.000899725	0.003662217	0.00000000	0.001066962	0.000318610	0.00138557
607067.8	4201268.22	0.00000000	0.001799186	0.00055493	0.00235412	0.00000000	0.000147728	0.000050388	0.00019812	0	0.002732787	0.001011812	0.003744599	0.00000000	0.001081411	0.000381836	0.00146325
607107.8	4201148.22	0.00000000	0.001741076	0.000604045	0.00234512	0.00000000	0.000143821	0.000055274	0.00019909	0	0.002677848	0.00112005	0.003797898	0.00000000	0.001080673	0.000434848	0.00151552
607087.8	4200868.22	0.00000000	0.001502707	0.000842069	0.00234478	0.00000000	0.000123685	0.000073867	0.00019755	0	0.002294029	0.001421596	0.003715626	0.00000000	0.000915076	0.000462411	0.00137749
607107.8	4200928.22	0.00000000	0.001581144	0.000761436	0.00234258	0.00000000	0.00013063	0.000067910	0.00019854	0	0.002432639	0.001334422	0.003767061	0.00000000	0.000982197	0.000468479	0.00145068
607087.8	4201228.22	0.00000000	0.001762795	0.000567698	0.00233049	0.00000000	0.000145191	0.000051848	0.00019704	0	0.002694886	0.001048279	0.003743165	0.00000000	0.001077362	0.000404183	0.00148155
607107.8	4201168.22	0.00000000	0.001730289	0.000591162	0.00232145	0.00000000	0.000142986	0.000054225	0.00019721	0	0.002663407	0.001101867	0.003765274	0.00000000	0.001076183	0.000431441	0.00150762
607107.8	4200908.22	0.00000000	0.001542548	0.000777003	0.00231955	0.00000000	0.000127428	0.000069070	0.00019650	0	0.002372754	0.001351702	0.003724456	0.00000000	0.000957705	0.000467770	0.00142548
606987.8	4201428.22	0.00000000	0.001822861	0.000493917	0.00231678	0.00000000	0.0001485	0.000044073	0.00019257	0	0.002723536	0.000866546	0.003590082	0.00000000	0.001049259	0.000304865	0.00135412
607047.8	4201328.22	0.00000000	0.001787045	0.000527694	0.00231474	0.00000000	0.000146395	0.000047716	0.00019411	0	0.00270135	0.000953444	0.003654794	0.00000000	0.001060781	0.000354139	0.00141492
607027.8	4201368.22	0.00000000	0.001795951	0.000513078	0.00230903	0.00000000	0.00014678	0.000046142	0.00019292	0	0.002701546	0.000915963	0.003617509	0.00000000	0.001052458	0.000332942	0.00138540
607067.8	4201288.22	0.00000000	0.001767206	0.0005417	0.00230891	0.00000000	0.000145179	0.000049283	0.00019446	0	0.002687168	0.000991932	0.0036791	0.00000000	0.001065222	0.000377095	0.00144232
607127.8	4201028.22	0.00000000	0.001644436	0.000662937	0.00230737	0.00000000	0.000136672	0.000060782	0.00019745	0	0.002561379	0.001234469	0.003795848	0.00000000	0.00105369	0.000482612	0.00153630
607127.8	4201048.22	0.00000000	0.001656942	0.000649657	0.00230660	0.00000000	0.000137685	0.000059692	0.00019738	0	0.002579842	0.001215373	0.003795215	0.00000000	0.001060661	0.000478737	0.00153940
607127.8	4201008.22	0.00000000	0.00162802	0.000676515	0.00230454	0.00000000	0.000135308	0.000061853	0.00019716	0	0.002535819	0.001252154	0.003787973	0.00000000	0.001043181	0.000484680	0.00152786
607127.8	4201068.22	0.00000000	0.001665253	0.000636622	0.00230188	0.00000000	0.000138341	0.000058599	0.00019694	0	0.002591437	0.001195551	0.003786988	0.00000000	0.0010646	0.000473825	0.00153842
607127.8	4200988.22	0.00000000	0.001607727	0.000690375	0.00229810	0.00000000	0.000133597	0.000062907	0.00019650	0	0.002503256	0.001268452	0.003771708	0.00000000	0.001029199	0.000484989	0.00151419
607107.8	4201188.22	0.00000000	0.001715974	0.000578462	0.00229444	0.00000000	0.000141868	0.000053190	0.00019506	0	0.002643877	0.001083881	0.003727757	0.00000000	0.001069849	0.000428021	0.00149787
607127.8	4201088.22	0.00000000	0.001669571	0.000623852	0.00229342	0.00000000	0.000138668	0.000057516	0.00019618	0	0.002596948	0.001175638	0.003772585	0.00000000	0.001066121	0.000468505	0.00153463
607107.8	4200888.22	0.00000000	0.001500676	0.000792393	0.00229307	0.00000000	0.000123965	0.000070215	0.00019418	0	0.002308185	0.001368691	0.003676876	0.00000000	0.000931543	0.000466973	0.00139852
607087.8	4201248.22	0.00000000	0.00173765	0.000554662	0.00229231	0.00000000	0.000143205	0.000050780	0.00019398	0	0.002659732	0.001029568	0.0036893	0.00000000	0.001065366	0.000400415	0.00146578
607007.8	4201408.22	0.00000000	0.001790277	0.000497826	0.00228810	0.00000000	0.000146072	0.000044588	0.00019066	0	0.002683587	0.000880703	0.00356429	0.00000000	0.001039464	0.000314785	0.00135425
607127.8	4200968.22	0.00000000	0.001583561	0.00070447	0.00228803	0.00000000	0.000131548	0.000063950	0.00019550	0	0.002464078	0.001283761	0.003747839	0.00000000	0.001012138	0.000484001	0.00149614
607127.8	4201108.22	0.00000000	0.001670098	0.000611355	0.00228145	0.00000000	0.000138695	0.000056458	0.00019515	0	0.00259712	0.001156207	0.003753327	0.00000000	0.001065793	0.000463356	0.00152915
607127.8	4200948.22	0.00000000	0.001555592	0.000718728	0.00227432	0.00000000	0.000129181	0.000064989	0.00019417	0	0.002418857	0.001298545	0.003717402	0.00000000	0.000992517	0.000482280	0.00147480
607127.8	4201128.22	0.00000000	0.001666637	0.000599055	0.00226569	0.00000000	0.000138423	0.000055435	0.00019386	0	0.002592319	0.001137927	0.003730247	0.00000000	0.001064182	0.000459159	0.00152334
607107.8	4201208.22	0.00000000	0.001698106	0.000565902	0.00226401	0.00000000	0.00014047	0.000052170	0.00019264	0	0.002619423	0.001066277	0.0036857	0.00000000	0.001061864	0.000424826	0.00148669
607107.8	4200868.22	0.00000000	0.001456009	0.000807483	0.00226349	0.00000000	0.000120278	0.000071334	0.00019161	0	0.002239581	0.001385162	0.003624743	0.00000000	0.000903916	0.000465999	0.00136991
607067.8	4201308.22	0.00000000	0.00173309	0.000528817	0.00226191	0.00000000	0.000142451	0.000048199	0.00019065	0	0.002638182	0.000972183	0.003610365	0.00000000	0.001047622	0.000372079	0.00141970
607047.8	4201348.22	0.00000000	0.001746757	0.000514909	0.00226167	0.00000000	0.000143164	0.000046628	0.00018979	0	0.002643137	0.000933322	0.003576459	0.00000000	0.001039624	0.000348622	0.00138825
607127.8	4200928.22	0.00000000	0.001524288	0.000733125	0.00225741	0.00000000	0.000126534	0.000066025	0.00019256	0	0.002368351	0.001312879	0.00368123	0.00000000	0.000970666	0.000479931	0.00145060
607087.8	4201268.22	0.00000000	0.001709942	0.000541898	0.00225184	0.00000000	0.000141007	0.000049726	0.00019073	0	0.002620626	0.001010902	0.003631528	0.00000000	0.001051769	0.000396371	0.00144814
607027.8	4201388.22	0.00000000	0.001748239	0.000500335	0.00224857	0.00000000	0.00014297	0.000045071	0.00018804	0	0.00263324	0.000896504	0.003529744	0.00000000	0.001028051	0.000328058	0.00135611
607127.8	4201148.22	0.00000000	0.001659399	0.000586926	0.00224633	0.00000000	0.000137864	0.000054443	0.00019231	0	0.00258271	0.001120596	0.003703306	0.00000000	0.001061251	0.000455732	0.00151698
607127.8	4200908.22	0.00000000	0.001489489	0.000747467	0.00223696	0.00000000	0.00012361	0.000067057	0.00019067	0	0.002312916	0.001327187	0.003640103	0.00000000	0.000947105	0.000477620	0.00142473
607107.8	4200848.22	0.00000000	0.001408706	0.000822051	0.00223076	0.00000000	0.000116384	0.000072412	0.00018880	0	0.002167351	0.001401013	0.003568364	0.00000000	0.000875093	0.000465006	0.00134010
607107.8	4201228.22	0.00000000	0.001677198	0.000553522	0.00223072	0.00000000	0.000138827	0.000051161	0.00018999	0	0.002590501	0.001048782	0.003639284	0.00000000	0.001052207	0.000421529	0.00147374
607127.8	4201168.22	0.00000000	0.001648763	0.000574977	0.00222374	0.00000000	0.000137038	0.000053469	0.00019051	0	0.002568352	0.001103646	0.003671998	0.00000000	0.001056701	0.000452485	0.00150919
607147.8	4201028.22	0.00000000	0.001575976	0.000641698	0.00221767	0.00000000	0.000131912	0.000059762	0.00019167	0	0.002490604	0.001235595	0.003726199	0.00000000	0.001046612	0.000508983	0.00155559
607147.8	4201008.22	0.00000000	0.001561967	0.000654351	0.00221632	0.00000000	0.000130711	0.000060726	0.00019144	0	0.002467379	0.001250572	0.003717951	0.00000000	0.001036194	0.000509366	0.00154556
607147.8	4201048.22	0.00000000	0.001586444	0.000629305	0.00221575	0.00000000	0.000132771	0.000058755	0.00019153	0	0.002506485	0.001218202	0.003724687	0.00000000	0.001052884	0.000505807	0.00155869
607067.8	4201328.22	0.00000000	0.001697534	0.000516337	0.00221387	0.00000000	0.000139595	0.000047134	0.00018673	0	0.00258663	0.000952421	0.003539051	0.00000000	0.001028769	0.000366570	0.00139534
607127.8	4200888.22	0.00000000	0.001451555	0.00076163	0.00221318	0.00000000	0.000120437	0.000068076	0.00018851	0	0.002253072	0.001341289	0.003594362	0.00000000	0.000922021	0.000475311	0.00139733
607007.8	4201428.22	0.00000000	0.001728788	0.000484164	0.00221295	0.00000000	0.000141211	0.000043490	0.00018470	0	0.002597411	0.000862058	0.00345947	0.00000000	0.001009912	0.000311829	0.00132174
607147.8	4200988.22	0.00000000	0.001544303	0.00066723	0.00221153	0.00000000	0.000129171	0.000061658	0.00019083	0	0.002437081	0.001263623	0.003700704	0.00000000	0.00102202	0.000507499	0.00152952
607147.8	4201068.22	0.00000000	0.001593002	0.000617121	0.00221012	0.00000000	0.000133282	0.000057727	0.00019101	0	0.002515404	0.001199429	0.003714833	0.00000000	0.001055757	0.000500964	0.00155672
607087.8	4201288.22	0.00000000	0.001679909	0.000529398	0.00220931	0.00000000	0.000138616	0.000048686	0.00018730	0	0.002577908	0.000992275	0.003570183	0.00000000	0.001036692	0.000392052	0.00142874
607047.8	4201368.22	0.00000000	0.001704799	0.00050247	0.00220727	0.00000000	0.000139801	0.000045570	0.00018537	0	0.002582576	0.000913766	0.003496342	0.00000000	0.001017655	0.000343276	0.00136093
607147.8	4200968.22	0.00000000	0.001523038	0.000680312	0.00220335	0.00000000	0.000127311	0.000062571	0.00018988	0	0.002400406	0.001275452	0.003675858	0.00000000	0.001004749	0.000504135	0.00150888
607147.8	4201088.22	0.00000000	0.001595904	0.000605181	0.00220108	0.00000000	0.000133484	0.000056700	0.00019018	0	0.002518412	0.001180168	0.00369858	0.00000000	0.001056066	0.000495329	0.00155139
607127.8	4201188.22	0.00000000	0.001634849	0.000563168	0.00219802	0.00000000	0.000135951	0.000052507	0.00018846	0	0.002549387	0.001086986	0.003636373	0.00000000	0.001050565	0.000449370	0.00149993
607107.8	4201248.22	0.00000000	0.001653457	0.000541312	0.00219477	0.00000000	0.000136956	0.000050165	0.00018712	0	0.002557459	0.001031444	0.003588903	0.00000000	0.001041033	0.000418193	0.00145923
607147.8	4200948.22	0.00000000	0.001498289	0.000693539	0.00219183	0.00000000	0.000125158	0.000063480	0.00018864	0	0.002358143	0.001286733	0.003644876	0.00000000	0.000985081	0.000500034	0.00148512
607147.8	4201108.22	0.00000000	0.001595235	0.000593488	0.00218872	0.00000000	0.00013341	0.000055702	0.00018911	0	0.002516637	0.001161638	0.003678275	0.00000000	0.001054885	0.000490153	0.00154504
607127.8	4200868.22	0.00000000	0.001410905	0.000775513	0.00218642	0.00000000	0.000117047	0.000069070	0.00018612	0	0.002189313	0.001354915	0.003544227	0.00000000	0.00089552	0.000472843	0.00136836
607027.8	4201408.22	0.00000000	0.001696102	0.000487445	0.00218355	0.00000000	0.000138841	0.000044023	0.00018286	0	0.002559869	0.000878362	0.00343823	0.00000000	0.001002685	0.000324701	0.00132739
607147.8	4200928.22	0.00000000	0.001470033	0.0007068	0.00217683	0.00000000	0.000122726	0.000064392	0.00018712	0	0.002310908	0.001298087	0.003608995	0.00000000	0.000963669	0.000495969	0.00145964
607147.8	4201128.22	0.00000000	0.001591115	0.000582018	0.00217313	0.00000000	0.000133079	0.000054742	0.00018782	0	0.002510668	0.001144317	0.003654984	0.00000000	0.001052704	0.000485954	0.00153866
607127.8	4201208.22	0.00000000	0.001617672	0.000551457	0.00216913	0.00000000	0.000134612	0.000051561	0.00018617	0	0.002526018	0.001070775	0.003596793	0.00000000	0.001043032	0.000446599	0.00148963
607087.8	4201308.22	0.00000000	0.00164812	0.000517209	0.00216533	0.00000000	0.000136074	0.000047659	0.00018373	0	0.002532229	0.000973563	0.003505792	0.00000000	0.001020258	0.000387279	0.00140754
607067.8	4201348.22	0.00000000	0.001659629	0.00050407	0.00216370	0.00000000	0.00013656	0.000046095	0.00018265	0	0.002532003	0.000933321	0.003465324	0.00000000	0.00100901	0.000361488	0.00137050
607147.8	4200908.22	0.00000000	0.001438723	0.000720043	0.00215877	0.00000000	0.000120048	0.000065298	0.00018535	0	0.002259195	0.001309255	0.00356845	0.00000000	0.000940586	0.000491733	0.00143232
607107.8	4201268.22	0.00000000	0.001627509	0.000529332	0.00215684	0.00000000	0.000134898	0.000049176	0.00018407	0	0.002520856	0.00101395	0.003534806	0.00000000	0.00102832	0.000414424	0.00144274
607127.8	4200848.22	0.00000000	0.001367641	0.000788914	0.00215656	0.00000000	0.000113453	0.000070029	0.00018348	0	0.002121996	0.001368022	0.003490018	0.00000000	0.00086787	0.000470414	0.00133828
607147.8	4201148.22	0.00000000	0.001583683	0.000570736	0.00215442	0.00000000	0.0001325	0.000053815	0.00018631	0	0.002500582	0.001128007	0.003628589	0.00000000	0.001049471	0.000482574	0.00153204
607047.8	4201388.22	0.00000000	0.001660451	0.000490214	0.00215066	0.00000000	0.000136265	0.000044546	0.00018081	0	0.002519284	0.000895321	0.003414605	0.00000000	0.000995174	0.000338856	0.00133403
607127.8	4201228.22	0.00000000	0.001597763	0.000539886	0.00213765	0.00000000	0.000133051	0.000050624	0.00018367	0	0.002498644	0.001054643	0.003553288	0.00000000	0.001034006	0.000443745	0.00147775
607147.8	4200888.22	0.00000000	0.001404475	0.00073313	0.00213761	0.00000000	0.000117136	0.000066193	0.00018333	0	0.002203351	0.001320247	0.003523598	0.00000000	0.000916076	0.000487503	0.00140358
607167.8	4201028.22	0.00000000	0.00151186	0.000621936	0.00213380	0.00000000	0.00012767	0.000059048	0.00018672	0	0.002432665	0.001246971	0.003679637	0.00000000	0.001048544	0.000544143	0.00159269
607167.8	4201008.22	0.00000000	0.001499842	0.000633714	0.00213356	0.00000000	0.000126585	0.000059894	0.00018648	0	0.002410625	0.001258647	0.003669272	0.00000000	0.001037437	0.000542170	0.00157961
607147.8	4201168.22	0.00000000	0.001573099	0.000559606	0.00213271	0.00000000	0.000131677	0.000052909	0.00018459	0	0.002486303	0.001112287	0.00359859	0.00000000	0.001044953	0.000479619	0.00152457
607167.8	4201048.22	0.00000000	0.001520359	0.000610324	0.00213068	0.00000000	0.0001284	0.000058136	0.00018654	0	0.002446818	0.00123205	0.003678868	0.00000000	0.001054929	0.000542582	0.00159751
607167.8	4200988.22	0.00000000	0.001484479	0.000645682	0.00213016	0.00000000	0.000125171	0.000060688	0.00018586	0	0.00238138	0.001267646	0.003649026	0.00000000	0.00102214	0.000537216	0.00155936

607167.8	4201068.22	0.00000000	0.001525504	0.000598919	0.00212442	0.00000000	0.000128789	0.000057162	0.00018595	0	0.002453331	0.001213963	0.003667294	0.00000000	0.001056686	0.000537519	0.00159421
607167.8	4200968.22	0.00000000	0.001465756	0.000657819	0.00212358	0.00000000	0.000123457	0.000061463	0.00018492	0	0.002346129	0.001275406	0.003621535	0.00000000	0.001003896	0.000530789	0.00153469
607087.8	4201328.22	0.00000000	0.001614649	0.000505298	0.00211995	0.00000000	0.000133389	0.000046647	0.00018004	0	0.002483845	0.000954902	0.003438747	0.00000000	0.001002659	0.000382225	0.00138488
607027.8	4201428.22	0.00000000	0.001642886	0.000474776	0.00211766	0.00000000	0.000134592	0.000042959	0.00017755	0	0.002483697	0.000859038	0.003342736	0.00000000	0.000975478	0.000319868	0.00129535
607107.8	4201288.22	0.00000000	0.001599478	0.000517559	0.00211704	0.00000000	0.000132667	0.000048198	0.00018087	0	0.002481012	0.000996444	0.003477455	0.00000000	0.001014275	0.000410394	0.00142467
607167.8	4201088.22	0.00000000	0.001527191	0.000587711	0.00211490	0.00000000	0.000128874	0.000056175	0.00018505	0	0.002453846	0.001194863	0.003648709	0.00000000	0.001055598	0.000531181	0.00158678
607167.8	4200948.22	0.00000000	0.00144362	0.000670046	0.00211367	0.00000000	0.000121468	0.000062242	0.00018371	0	0.002305901	0.001283158	0.003589059	0.00000000	0.000983815	0.000524247	0.00150806
607147.8	4200868.22	0.00000000	0.001367329	0.000745887	0.00211322	0.00000000	0.000114002	0.000067068	0.00018107	0	0.002143662	0.001331093	0.003474754	0.00000000	0.000890397	0.000483513	0.00137391
607067.8	4201368.22	0.00000000	0.001620091	0.000492078	0.00211217	0.00000000	0.000133399	0.000045084	0.00017848	0	0.002475244	0.000914877	0.003390121	0.00000000	0.000988625	0.000356755	0.00134538
607147.8	4201188.22	0.00000000	0.001559448	0.000548581	0.00210803	0.00000000	0.000130617	0.000052018	0.00018264	0	0.002467917	0.001097049	0.003564966	0.00000000	0.001039158	0.000477036	0.00151619
607127.8	4201248.22	0.00000000	0.001575439	0.000528464	0.00210390	0.00000000	0.000131293	0.000049693	0.00018099	0	0.002467638	0.001038506	0.003506144	0.00000000	0.001023565	0.000440708	0.00146427
607167.8	4201108.22	0.00000000	0.001525637	0.000576746	0.00210238	0.00000000	0.000128711	0.000055218	0.00018393	0	0.002450106	0.001176566	0.003626672	0.00000000	0.001053249	0.000525381	0.00157863
607167.8	4200928.22	0.00000000	0.001418451	0.000682342	0.00210079	0.00000000	0.000119234	0.000063022	0.00018226	0	0.002261204	0.001290827	0.003552032	0.00000000	0.000962052	0.000517538	0.00147959
607047.8	4201408.22	0.00000000	0.001613292	0.000477966	0.00209126	0.00000000	0.000132511	0.000043529	0.00017604	0	0.002452194	0.000877165	0.003329359	0.00000000	0.000971486	0.000334723	0.00130621
607167.8	4201128.22	0.00000000	0.001520969	0.000566015	0.00208698	0.00000000	0.000128327	0.000054310	0.00018264	0	0.002442984	0.001159898	0.003602882	0.00000000	0.001050411	0.000520977	0.00157139
607147.8	4200848.22	0.00000000	0.00132768	0.000758209	0.00208589	0.00000000	0.000110671	0.000067911	0.00017858	0	0.002080546	0.001341457	0.003422003	0.00000000	0.000863598	0.000479544	0.00134314
607167.8	4200908.22	0.00000000	0.0013903	0.000694593	0.00208489	0.00000000	0.000116765	0.000063802	0.00018057	0	0.002212386	0.001298578	0.003510964	0.00000000	0.000938915	0.000510965	0.00144988
607147.8	4201208.22	0.00000000	0.001543151	0.000537681	0.00208083	0.00000000	0.000129343	0.000051135	0.00018048	0	0.002445636	0.001081846	0.003527482	0.00000000	0.001031898	0.000474340	0.00150624
607107.8	4201308.22	0.00000000	0.001569374	0.000505964	0.00207534	0.00000000	0.000130271	0.000047233	0.00017750	0	0.002438191	0.000979184	0.003417374	0.00000000	0.00099916	0.000406408	0.00140557
607087.8	4201348.22	0.00000000	0.001579486	0.000493623	0.00207311	0.00000000	0.00013057	0.000045656	0.00017623	0	0.002433069	0.000936628	0.003369696	0.00000000	0.000984226	0.000377291	0.00136152
607167.8	4201148.22	0.00000000	0.001513323	0.000555473	0.00206880	0.00000000	0.000127727	0.000053440	0.00018117	0	0.002432445	0.001144514	0.00357696	0.00000000	0.001046918	0.000517671	0.00156459
607127.8	4201268.22	0.00000000	0.001551043	0.000517209	0.00206825	0.00000000	0.000129363	0.000048769	0.00017813	0	0.002433367	0.001022247	0.003455614	0.00000000	0.001011757	0.000437348	0.00144911
607167.8	4200888.22	0.00000000	0.001359203	0.000706653	0.00206586	0.00000000	0.00011407	0.000064575	0.00017865	0	0.002159702	0.001306442	0.003466144	0.00000000	0.000914631	0.000504737	0.00141937
607067.8	4201388.22	0.00000000	0.001579236	0.000480354	0.00205959	0.00000000	0.000130132	0.000044095	0.00017423	0	0.002416571	0.000896806	0.003313377	0.00000000	0.000967538	0.000352087	0.00131963
607187.8	4201008.22	0.00000000	0.001441453	0.000614563	0.00205602	0.00000000	0.000122972	0.000059415	0.00018239	0	0.002367501	0.001279006	0.003646507	0.00000000	0.001049086	0.000585842	0.00163493
607187.8	4201028.22	0.00000000	0.001451813	0.000603627	0.00205544	0.00000000	0.000123994	0.000058713	0.00018271	0	0.002389843	0.001271813	0.003661656	0.00000000	0.001062091	0.000591427	0.00165352
607187.8	4200988.22	0.00000000	0.001428088	0.000625666	0.00205375	0.00000000	0.000121631	0.000060046	0.00018168	0	0.002337796	0.001282703	0.003620499	0.00000000	0.001031404	0.000576464	0.00160787
607187.8	4201048.22	0.00000000	0.001458757	0.000592777	0.00205153	0.00000000	0.000124645	0.000057911	0.00018256	0	0.002403487	0.001260095	0.003663582	0.00000000	0.001069441	0.000592256	0.00166170
607147.8	4201228.22	0.00000000	0.001524473	0.000526901	0.00205137	0.00000000	0.000127874	0.000050256	0.00017813	0	0.00241975	0.001066576	0.003486326	0.00000000	0.001023221	0.000471432	0.00149465
607187.8	4200968.22	0.00000000	0.001411531	0.000636905	0.00204844	0.00000000	0.000120017	0.000060669	0.00018069	0	0.002302836	0.001285744	0.00358858	0.00000000	0.001011387	0.000566249	0.00157764
607167.8	4201168.22	0.00000000	0.001502852	0.000545081	0.00204793	0.00000000	0.000126912	0.000052593	0.00017951	0	0.002418275	0.001129835	0.00354811	0.00000000	0.001042404	0.000514910	0.00155731
607187.8	4201068.22	0.00000000	0.001462492	0.000582041	0.00204453	0.00000000	0.000124923	0.000056995	0.00018192	0	0.002408053	0.001243078	0.003651132	0.00000000	0.00107055	0.000587500	0.00165805
607167.8	4200868.22	0.00000000	0.001325344	0.000718411	0.00204375	0.00000000	0.000111164	0.000065331	0.00017649	0	0.002103389	0.001314224	0.003417613	0.00000000	0.000889269	0.000498782	0.00138805
607187.8	4200948.22	0.00000000	0.001391896	0.000648242	0.00204014	0.00000000	0.000118162	0.000061303	0.00017947	0	0.00226364	0.001289104	0.003552744	0.00000000	0.000989969	0.000556247	0.00154622
607187.8	4201088.22	0.00000000	0.001463131	0.000571478	0.00203461	0.00000000	0.000124891	0.000056026	0.00018092	0	0.002405801	0.001223397	0.003629197	0.00000000	0.001067628	0.000579798	0.00164743
607107.8	4201328.22	0.00000000	0.001538238	0.000494672	0.00203291	0.00000000	0.000127771	0.000046272	0.00017404	0	0.00239308	0.000961389	0.003354469	0.00000000	0.000982683	0.000401512	0.00138420
607047.8	4201428.22	0.00000000	0.001565567	0.000466006	0.00203157	0.00000000	0.000128684	0.000042508	0.00017119	0	0.002383273	0.000858211	0.003241484	0.00000000	0.000946462	0.000329428	0.00127589
607127.8	4201288.22	0.00000000	0.001524635	0.000506094	0.00203073	0.00000000	0.00012727	0.000047854	0.00017512	0	0.00239616	0.001006124	0.003402285	0.00000000	0.000998865	0.000433961	0.00143283
607187.8	4200928.22	0.00000000	0.001369412	0.000659629	0.00202904	0.00000000	0.000116083	0.000061946	0.00017803	0	0.002220507	0.001292684	0.00351319	0.00000000	0.00096724	0.000546410	0.00151365
607087.8	4201368.22	0.00000000	0.00154249	0.000482119	0.00202461	0.00000000	0.000127617	0.000044691	0.00017231	0	0.002380125	0.000919164	0.003299289	0.00000000	0.000965323	0.000372986	0.00133831
607167.8	4201188.22	0.00000000	0.001489551	0.000534774	0.00202433	0.00000000	0.000125885	0.000051768	0.00017765	0	0.002400579	0.001115904	0.003516483	0.00000000	0.001036981	0.000512818	0.00154980
607187.8	4201108.22	0.00000000	0.001460831	0.00056115	0.00202198	0.00000000	0.000124637	0.000055089	0.00017973	0	0.002399788	0.001204585	0.003604374	0.00000000	0.001063661	0.000572712	0.00163637
607147.8	4201248.22	0.00000000	0.00150325	0.000516179	0.00201943	0.00000000	0.000126214	0.000049395	0.00017561	0	0.002390707	0.001051969	0.003442676	0.00000000	0.00101374	0.000469137	0.00148288
607167.8	4200848.22	0.00000000	0.001289141	0.000729791	0.00201893	0.00000000	0.000108071	0.000066057	0.00017413	0	0.002043781	0.001321497	0.003365277	0.00000000	0.00086277	0.000492752	0.00135552
607187.8	4200908.22	0.00000000	0.001343923	0.000670926	0.00201485	0.00000000	0.000113782	0.000062599	0.00017638	0	0.002173752	0.001296923	0.003470675	0.00000000	0.000943672	0.000537360	0.00148103
607187.8	4201128.22	0.00000000	0.001455728	0.000551067	0.00200680	0.00000000	0.000124201	0.000054216	0.00017842	0	0.002391387	0.001188085	0.003579472	0.00000000	0.001059927	0.000567711	0.00162764
607067.8	4201408.22	0.00000000	0.001537098	0.000468828	0.00200593	0.00000000	0.000126746	0.000043104	0.00016985	0	0.002355407	0.000878243	0.003233651	0.00000000	0.000945125	0.000346679	0.00129180
607167.8	4201208.22	0.00000000	0.001474038	0.000524605	0.00199864	0.00000000	0.000124669	0.000050942	0.00017561	0	0.00237925	0.001101597	0.003480846	0.00000000	0.001029948	0.000510176	0.00154012
607187.8	4200888.22	0.00000000	0.00131568	0.000682045	0.00199773	0.00000000	0.000111269	0.000063245	0.00017451	0	0.002123385	0.001301275	0.00342466	0.00000000	0.000919034	0.000528635	0.00144767
607127.8	4201308.22	0.00000000	0.001496799	0.000495182	0.00199198	0.00000000	0.000125048	0.000046940	0.00017199	0	0.002356347	0.000989618	0.003345966	0.00000000	0.000984665	0.000429939	0.00141460
607187.8	4201148.22	0.00000000	0.001447947	0.000541185	0.00198913	0.00000000	0.000123584	0.000053394	0.00017698	0	0.002380381	0.001173355	0.003553735	0.00000000	0.001056083	0.000564293	0.00162038
607107.8	4201348.22	0.00000000	0.001505467	0.000483553	0.00198902	0.00000000	0.000125146	0.000045330	0.00017048	0	0.002345832	0.000944099	0.003289931	0.00000000	0.000965579	0.000396930	0.00136251
607147.8	4201268.22	0.00000000	0.00148006	0.000505572	0.00198563	0.00000000	0.000124396	0.000048543	0.00017294	0	0.002358803	0.001037471	0.003396273	0.00000000	0.001003206	0.000466819	0.00147003
607207.8	4201008.22	0.00000000	0.001386823	0.000596928	0.00198375	0.00000000	0.000119944	0.000059366	0.00017931	0	0.002340731	0.001314953	0.003655684	0.00000000	0.001073915	0.000643747	0.00171766
607207.8	4200988.22	0.00000000	0.001375077	0.000607178	0.00198225	0.00000000	0.000118617	0.000059804	0.00017842	0	0.002308928	0.001312042	0.00362097	0.00000000	0.001052531	0.000628586	0.00168112
607207.8	4200968.22	0.00000000	0.001360349	0.000617554	0.00197790	0.00000000	0.000117061	0.000060261	0.00017732	0	0.00227317	0.001309671	0.003582841	0.00000000	0.001029944	0.000613830	0.00164377
607187.8	4200868.22	0.00000000	0.001284898	0.000692904	0.00197780	0.00000000	0.000108558	0.000063875	0.00017243	0	0.002069564	0.001305435	0.003374999	0.00000000	0.000893284	0.000520022	0.00141331
607087.8	4201388.22	0.00000000	0.001505087	0.000470957	0.00197604	0.00000000	0.000124596	0.000043718	0.00016831	0	0.002325253	0.000900583	0.003225836	0.00000000	0.000944831	0.000367128	0.00131196
607207.8	4200948.22	0.00000000	0.001342961	0.000628053	0.00197101	0.00000000	0.000115296	0.000060731	0.00017603	0	0.002233728	0.001307606	0.003541334	0.00000000	0.001006124	0.000599242	0.00160537
607167.8	4201228.22	0.00000000	0.001456189	0.000514505	0.00197069	0.00000000	0.000123274	0.000050128	0.00017340	0	0.002354861	0.001087729	0.00344259	0.00000000	0.001022013	0.000507903	0.00152992
607207.8	4201068.22	0.00000000	0.001403801	0.000566583	0.00197038	0.00000000	0.000121808	0.000057381	0.00017919	0	0.002384668	0.001293395	0.003678063	0.00000000	0.001102739	0.000657600	0.00176034
607187.8	4201168.22	0.00000000	0.001437598	0.000531452	0.00196905	0.00000000	0.000122778	0.000052602	0.00017538	0	0.002366368	0.001159642	0.00352601	0.00000000	0.001051614	0.000561745	0.00161336
607207.8	4200928.22	0.00000000	0.001322683	0.000638554	0.00196124	0.00000000	0.000113328	0.000061231	0.00017456	0	0.00219125	0.001306852	0.003498102	0.00000000	0.000981955	0.000586001	0.00156796
607207.8	4201088.22	0.00000000	0.001403521	0.000556566	0.00196009	0.00000000	0.000121647	0.000056397	0.00017804	0	0.002378913	0.001271872	0.003650785	0.00000000	0.001097103	0.000647355	0.00174446
607187.8	4200848.22	0.00000000	0.001251775	0.0007034	0.00195518	0.00000000	0.000105666	0.000064478	0.00017014	0	0.002012572	0.001309248	0.003321819	0.00000000	0.000866519	0.000511484	0.00137800
607067.8	4201428.22	0.00000000	0.001494666	0.000457631	0.00195230	0.00000000	0.000123326	0.000042131	0.00016546	0	0.002293452	0.000859731	0.003153183	0.00000000	0.00092218	0.000340933	0.00126311
607127.8	4201328.22	0.00000000	0.001467322	0.000484411	0.00195173	0.00000000	0.000122698	0.000046042	0.00016874	0	0.002314303	0.000973466	0.003287769	0.00000000	0.000969747	0.000426114	0.00139586
607147.8	4201288.22	0.00000000	0.001455367	0.000495119	0.00195049	0.00000000	0.000122444	0.000047687	0.00017013	0	0.002324185	0.001022517	0.003346702	0.00000000	0.000991328	0.000463849	0.00145518
607207.8	4200908.22	0.00000000	0.0012997	0.000648984	0.00194868	0.00000000	0.000111157	0.000061738	0.00017290	0	0.002145405	0.001306584	0.003451989	0.00000000	0.000956922	0.000573342	0.00153026
607207.8	4201108.22	0.00000000	0.001400574	0.000546781	0.00194735	0.00000000	0.000121285	0.000055444	0.00017673	0	0.002369807	0.001251234	0.003621042	0.00000000	0.001090582	0.000637747	0.00172833
607187.8	4201188.22	0.00000000	0.001424787	0.000521817	0.00194660	0.00000000	0.000121789	0.000051832	0.00017362	0	0.002349338	0.001146679	0.003496017	0.00000000	0.001046406	0.000559850	0.00160626
607107.8	4201368.22	0.00000000	0.001471505	0.000472634	0.00194414	0.00000000	0.000122408	0.000044387	0.00016680	0	0.002296225	0.00092632	0.003222545	0.00000000	0.000947196	0.000391606	0.00133880
607167.8	4201248.22	0.00000000	0.00143643	0.000504502	0.00194093	0.00000000	0.000121721	0.000049317	0.00017104	0	0.002327534	0.001073749	0.003401283	0.00000000	0.001012891	0.000505400	0.00151829
607207.8	4200888.22	0.00000000	0.001274189	0.000659261	0.00193345	0.00000000	0.000108788	0.000062236	0.00017102	0	0.002096079	0.001306226	0.003402306	0.00000000	0.000930736	0.000560775	0.00149151
607207.8	4201128.22	0.00000000	0.001395124	0.000537265	0.00193239	0.00000000	0.000120792	0.000054588	0.00017538	0	0.00235978	0.001234211	0.003593991	0.00000000	0.001085512	0.000631535	0.00171705
607087.8	4201408.22	0.00000000	0.001466673	0.000460004	0.00192668	0.00000000	0.000121489	0.000042756	0.00016425	0	0.002268718	0.00088206	0.003150778	0.00000000	0.000923601	0.000361080	0.00128468
607187.8	4201208.22	0.00000000	0.001409939	0.0005123	0.00192224	0.00000000	0.000120627	0.000051060	0.00017169	0	0.002328966	0.00113336	0.003462326	0.00000000	0.001039718	0.000557451	0.00159717
607207.8	4200868.22	0.00000000	0.001246121	0.000669265	0.00191539	0.00000000	0.000106229	0.000062726	0.00016895	0	0.002043626	0.001306089	0.003349714	0.00000000	0.000903791	0.000548758	0.00145255
607207.8	4201148.22	0.00000000	0.001387275	0.000527973	0.00191525	0.00000000	0.000120157	0.000053802	0.00017396	0	0.002348204	0.001219792	0.003567996	0.00000000	0.001081149	0.000627736	0.00170889
607147.8	4201308.22	0.00000000	0.001429353	0.000484819	0.00191417	0.00000000	0.000120371	0.000046829	0.00016720	0	0.00228712	0.001007116	0.003294236	0.00000000	0.000978204	0.000460238	0.00143844
607227.8	4200968.22	0.00000000	0.001312499	0.000599837	0.00191234	0.00000000	0.000114689	0.000060329	0.00017502	0	0.002260534	0.001350919	0.003611453	0.00000000	0.001062783	0.000677284	0.00174007
607127.8	4201348.22	0.00000000	0.001436576	0.000473787	0.00191036	0.00000000	0.000120225	0.000045131	0.00016536	0	0.00226956	0.000956464	0.003226024	0.00000000	0.000953274	0.000421240	0.00137451
607167.8	4201268.22	0.00000000	0.001414885	0.000494586	0.00190947	0.00000000	0.000120026	0.000048513	0.00016854	0	0.002297668	0.001059915	0.003357584	0.00000000	0.001002875	0.000502944	0.00150582
607227.8	4200948.22	0.00000000	0.001296802	0.00060949	0.00190629	0.00000000	0.000112971	0.000060636	0.00017361	0	0.002220135	0.001343516	0.003563651	0.00000000	0.001036363	0.000658211	0.00169457
607227.8	4201068.22	0.00000000	0.00134941	0.000552768	0.00190218	0.00000000	0.000119691	0.000058600	0.00017829	0	0.00239263	0.001376748	0.003769378	0.00000000	0.001162972	0.000759726	0.00192270
607107.8	4201388.22	0.00000000	0.001437009	0.000461992	0.00189900	0.00000000	0.000119604	0.000043441	0.00016305	0	0.002244912	0.000907817	0.003152729	0.00000000	0.000927573	0.000385211	0.00131278
607227.8	4200928.22	0.00000000	0.001278554	0.000619158	0.00189771	0.00000000	0.000111067	0.000060962	0.00017203	0	0.002176788	0.001336964	0.003513752	0.00000000	0.001009359	0.000639995	0.00164935
607207.8	4201168.22	0.00000000	0.001377154	0.000518841	0.00189600	0.00000000	0.000119361	0.000053051	0.00017241	0	0.002334202	0.001206597	0.003540799	0.00000000	0.001076472	0.000625008	0.00170148
607187.8	4201228.22	0.00000000	0.001393031	0.00050285	0.00189588	0.00000000	0.000119307	0.000050301	0.00016961	0	0.002305952	0.001120505	0.003426458	0.00000000	0.001032292	0.000555449	0.00158774
607207.8	4200848.22	0.00000000	0.001215641	0.000678897	0.00189454	0.00000000	0.000103494	0.000063201	0.00016670	0	0.001988357	0.001306149	0.003294506	0.00000000	0.000876265	0.000537385	0.00141365
607227.8	4201088.22	0.00000000	0.001348295	0.000543191	0.00189149	0.00000000	0.000119362	0.000057546	0.00017691	0	0.002381791	0.00135116	0.003732951	0.00000000	0.001152919	0.000744778	0.00189770
607227.8	4200908.22	0.00000000	0.001257764	0.000628753	0.00188652	0.00000000	0.000108974	0.000061297	0.00017027	0	0.002130314	0.001330902	0.003461216	0.00000000	0.000981581	0.000622370	0.00160395
607227.8	4201108.22	0.00000000	0.001344757	0.00053383	0.00187859	0.00000000	0.000118848	0.000056517	0.00017537	0	0.0023678	0.001326254	0.003694054	0.00000000	0.001141952	0.000730276	0.00187223
607087.8	4201428.22	0.00000000	0.001428296	0.000449416	0.00187771	0.00000000	0.000118377	0.000041818	0.00016019	0	0.002211954	0.00086375	0.003075704	0.00000000	0.0009021	0.000354819	0.00125692
607167.8	4201288.22	0.00000000	0.001391571	0.000484731	0.00187630	0.00000000	0.000118203	0.000047729	0.00016593	0	0.002265771	0.001046776	0.003312547	0.00000000	0.000992467	0.000501131	0.00149360
607147.8	4201328.22	0.00000000	0.001401661	0.000474579	0.00187624	0.00000000	0.000118164	0.000045975	0.00016414	0	0.002247636	0.000991788	0.003239424	0.00000000	0.000964204	0.000456629	0.00142083
607207.8	4201188.22	0.00000000	0.001364785	0.000509812	0.00187460	0.00000000	0.000118413	0.000052337	0.00017075	0	0.002317996	0.001194776	0.003512772	0.00000000	0.001071686	0.000623569	0.00169525
607227.8	4200888.22	0.00000000	0.001234536	0.000638188	0.00187272	0.00000000	0.000106692	0.000061624	0.00016832	0	0.002080587	0.001324868	0.003405455	0.00000000	0.000952799	0.000604964	0.00155776
607127.8	4201368.22	0.00000000	0.001405593	0.000463474	0.00186907	0.00000000	0.000117693	0.000044204	0.00016190	0	0.002222958	0.00093809	0.003161047	0.00000000	0.000935121	0.000414585	0.00134971
607187.8	4201248.22	0.00000000	0.001374395	0.000493477	0.00186787	0.00000000	0.000117847	0.000049546	0.00016739	0	0.002280337	0.001107605	0.003387942	0.00000000	0.001023851	0.000553308	0.00157716
607227.8	4201128.22	0.00000000	0.001339018	0.0005248	0.00186382	0.00000000	0.000118281	0.000055646	0.00017393	0	0.002355389	0.001307567	0.003662955	0.00000000	0.001134712	0.000721777	0.00185649
607227.8	4200868.22	0.00000000	0.001208925	0.000647378	0.00185630	0.00000000	0.000104233	0.000061943	0.00016618	0	0.002027939	0.001319042	0.003346982	0.00000000	0.000923302	0.000588062	0.00151136
607107.8	4201408.22	0.00000000	0.001401726	0.000451554	0.00185328	0.00000000	0.00011673	0.000042505	0.00015924	0	0.002192206	0.000889305	0.003081511	0.00000000	0.000907275	0.000378563	0.00128584
607207.8	4201208.22	0.00000000	0.001350497	0.000500882	0.00185138	0.00000000	0.000117309	0.000051630	0.00016894	0	0.002298983	0.001183021	0.003482004	0.00000000	0.001065858	0.000622080	0.00168794
607227.8	4201148.22	0.00000000	0.001331152	0.000516029	0.00184718	0.00000000	0.000117625	0.000054883	0.00017251	0	0.002343039	0.001293017	0.003636056	0.00000000	0.001129572	0.000717225	0.00184680
607167.8	4201308.22	0.00000000	0.001366924	0.000474971	0.00184189	0.00000000	0.000116269	0.000046947	0.00016322	0	0.002231773	0.001033548	0.00326532	0.00000000	0.00098118	0.000499112	0.00148029
607247.8	4201068.22	0.00000000	0.001299573	0.000541097	0.00184067	0.00000000	0.000119072	0.000061211	0.00018028	0	0.002450911	0.001516461	0.003967372	0.00000000	0.001270469	0.000917269	0.00218774
607187.8	4201268.22	0.00000000	0.001354275	0.000484189	0.00183846	0.00000000	0.00011626	0.000048789	0.00016505	0	0.002252288	0.001094455	0.003346743	0.00000000	0.001014335	0.000550810	0.00156514
607147.8	4201348.22	0.00000000	0.001373149	0.000464492	0.00183764	0.00000000	0.000115838	0.000045077	0.00016091	0	0.002204892	0.000974158	0.00317905	0.00000000	0.000947644	0.000450472	0.00139812
607227.8	4200848.22	0.00000000	0.001181079	0.000656249	0.00183733	0.00000000	0.000101609	0.000062251	0.00016386	0	0.001972638	0.001313384	0.003286022	0.00000000	0.000893222	0.000571712	0.00146493
607247.8	4201088.22	0.00000000	0.001297652	0.000531812	0.00182946	0.00000000	0.000118495	0.000059983	0.00017848	0	0.002431806	0.001482674	0.003914479	0.00000000	0.001252707	0.000893543	0.00214625
607227.8	4201168.22	0.00000000	0.001321255	0.000507434	0.00182869	0.00000000	0.000116841	0.000054171	0.00017101	0	0.002329128	0.001280353	0.003609481	0.00000000	0.001124774	0.000714404	0.00183918
607127.8	4201388.22	0.00000000	0.001373791	0.000453348	0.00182714	0.00000000	0.000115084	0.000043282	0.00015837	0	0.002174769	0.000919496	0.003094265	0.00000000	0.000916125	0.000407484	0.00132361
607207.8	4201228.22	0.00000000	0.001334482	0.000492028	0.00182651	0.00000000	0.000116062	0.000050922	0.00016698	0	0.002277282	0.001171108	0.00344839	0.00000000	0.001058923	0.000620338	0.00167926
607247.8	4201108.22	0.00000000	0.001293499	0.000522704	0.00181620	0.00000000	0.000117722	0.000058751	0.00017647	0	0.002408827	0.001448312	0.003857139	0.00000000	0.001233108	0.000869015	0.00210212
607227.8	4201188.22	0.00000000	0.001309348	0.000498963	0.00180831	0.00000000	0.000115938	0.000053512	0.00016945	0	0.002313891	0.001269744	0.003583636	0.00000000	0.00112054	0.000713550	0.00183409
607107.8	4201428.22	0.00000000	0.001366385	0.000441435	0.00180782	0.00000000	0.000113845	0.000041589	0.00015543	0	0.002139164	0.000870972	0.003010137	0.00000000	0.000886687	0.000371721	0.00125841
607187.8	4201288.22	0.00000000	0.001332619	0.000474954	0.00180757	0.00000000	0.000114565	0.000048051	0.00016262	0	0.002222588	0.001082047	0.003304635	0.00000000	0.001004594	0.000549012	0.00155361
607167.8	4201328.22	0.00000000	0.001340935	0.000465227	0.00180616	0.00000000	0.000114169	0.000046104	0.00016027	0	0.002193605	0.001017619	0.003211224	0.00000000	0.0009669	0.000494297	0.00146120
607247.8	4201128.22	0.00000000	0.001287496	0.000514063	0.00180156	0.00000000	0.000117042	0.000057815	0.00017486	0	0.002392491	0.001425903	0.003818394	0.00000000	0.001222094	0.000856227	0.00207832
607207.8	4201248.22	0.00000000	0.001316945	0.000483244	0.00180019	0.00000000	0.000114686	0.000050212	0.00016490	0	0.00225311	0.001158943	0.003412053	0.00000000	0.001050911	0.000618255	0.00166917
607147.8	4201368.22	0.00000000	0.001344226	0.000454647	0.00179887	0.00000000	0.000113454	0.000044173	0.00015763	0	0.002160623	0.000955759	0.003116381	0.00000000	0.000929912	0.000443236	0.00137315
607267.8	4201068.22	0.00000000	0.001255207	0.000532753	0.00178796	0.00000000	0.000121091	0.000066445	0.00018754	0	0.002601878	0.001764096	0.004365974	0.00000000	0.001467818	0.001181858	0.00264968
607227.8	4201208.22	0.00000000	0.001295762	0.000490587	0.00178635	0.00000000	0.000114888	0.000052849	0.00016774	0	0.002295812	0.001258737	0.003554549	0.00000000	0.001114997	0.000712173	0.00182717
607247.8	4201148.22	0.00000000	0.001279649	0.000505746	0.00178540	0.00000000	0.000116355	0.000057056	0.00017341	0	0.002378949	0.001410556	0.003789505	0.00000000	0.001215713	0.000850316	0.00206603
607127.8	4201408.22	0.00000000	0.001341432	0.000443432	0.00178486	0.00000000	0.000112423	0.000042369	0.00015479	0	0.002125468	0.000900845	0.003026314	0.00000000	0.000896521	0.000400074	0.00129659
607267.8	4201088.22	0.00000000	0.001252415	0.000523542	0.00177596	0.00000000	0.000120107	0.000064864	0.00018497	0	0.002568535	0.001714659	0.004283194	0.00000000	0.001436283	0.001141949	0.00257823
607187.8	4201308.22	0.00000000	0.00130961	0.000465774	0.00177538	0.00000000	0.000112771	0.000047329	0.00016010	0	0.002191336	0.001070187	0.003261523	0.00000000	0.000994557	0.000547713	0.00154227
607207.8	4201268.22	0.00000000	0.001297987	0.000474524	0.00177251	0.00000000	0.000113205	0.000049516	0.00016272	0	0.002227207	0.001147241	0.003374448	0.00000000	0.001042484	0.000616571	0.00165905
607167.8	4201348.22	0.00000000	0.0013145	0.000455677	0.00177018	0.00000000	0.00011199	0.000045231	0.00015722	0	0.002153136	0.000999965	0.003153101	0.00000000	0.000950686	0.000487478	0.00143816
607247.8	4201168.22	0.00000000	0.001269996	0.000497636	0.00176763	0.00000000	0.000115584	0.000056377	0.00017196	0	0.002365118	0.001398295	0.003763413	0.00000000	0.001210764	0.000847334	0.00205810
607227.8	4201228.22	0.00000000	0.001280592	0.00048228	0.00176287	0.00000000	0.000113711	0.000052189	0.00016590	0	0.002275385	0.001247731	0.003523116	0.00000000	0.001108561	0.000710715	0.00181928
607267.8	4201108.22	0.00000000	0.00124744	0.000514335	0.00176178	0.00000000	0.000118792	0.000063117	0.00018191	0	0.002526037	0.001657898	0.004183935	0.00000000	0.001397446	0.001094502	0.00249195
607147.8	4201388.22	0.00000000	0.001314809	0.000445005	0.00175981	0.00000000	0.000111015	0.000043268	0.00015428	0	0.002115031	0.000936922	0.003051953	0.00000000	0.000911297	0.000435310	0.00134661
607287.8	4201068.22	0.00000000	0.001219002	0.000530805	0.00174981	0.00000000	0.00012864	0.000077417	0.00020606	0	0.002952753	0.002249644	0.005202397	0.00000000	0.001862447	0.001683540	0.00354599
607247.8	4201188.22	0.00000000	0.001258599	0.00048967	0.00174827	0.00000000	0.000114718	0.000055757	0.00017047	0	0.002350489	0.001388298	0.003738787	0.00000000	0.001206665	0.000846509	0.00205317
607267.8	4201128.22	0.00000000	0.001241128	0.000505926	0.00174705	0.00000000	0.000117901	0.000062001	0.00017990	0	0.002502061	0.001627103	0.004129164	0.00000000	0.001378889	0.001072814	0.00245170
607207.8	4201288.22	0.00000000	0.001277824	0.000465865	0.00174369	0.00000000	0.000111625	0.000048823	0.00016045	0	0.002199504	0.001135538	0.003335042	0.00000000	0.001033363	0.000614815	0.00164818
607127.8	4201428.22	0.00000000	0.00130889	0.000433776	0.00174267	0.00000000	0.000109742	0.000041471	0.00015121	0	0.002075687	0.000882326	0.002958012	0.00000000	0.000876599	0.000392490	0.00126909
607187.8	4201328.22	0.00000000	0.001285388	0.000456572	0.00174196	0.00000000	0.000110808	0.000046527	0.00015734	0	0.002155542	0.001054898	0.003210439	0.00000000	0.000981021	0.000542912	0.00152393
607307.8	4201068.22	0.00000000	0.001198399	0.000543392	0.00174179	0.00000000	0.000149349	0.000102307	0.00025166	0	0.003785472	0.003314357	0.007099829	0.00000000	0.002736474	0.002763614	0.00550009
607227.8	4201248.22	0.00000000	0.001264038	0.000474034	0.00173807	0.00000000	0.000112416	0.000051527	0.00016394	0	0.002252741	0.001236528	0.003489269	0.00000000	0.001101176	0.000708982	0.00181016
607287.8	4201088.22	0.00000000	0.001215263	0.000521454	0.00173672	0.00000000	0.000127094	0.000075305	0.00020240	0	0.002899253	0.002177189	0.005076441	0.00000000	0.001811138	0.001620122	0.00343126
607167.8	4201368.22	0.00000000	0.001287407	0.000446269	0.00173368	0.00000000	0.000109733	0.000044343	0.00015408	0	0.002110733	0.000981325	0.003092057	0.00000000	0.000933117	0.000479476	0.00141259
607307.8	4201088.22	0.00000000	0.001195754	0.000535974	0.00173173	0.00000000	0.000149212	0.000101767	0.00025098	0	0.003784541	0.003306662	0.007091203	0.00000000	0.002738052	0.002764506	0.00550256
607267.8	4201148.22	0.00000000	0.001233298	0.000497979	0.00173128	0.00000000	0.000117152	0.000061204	0.00017836	0	0.002486082	0.001609327	0.004095409	0.00000000	0.001369992	0.001063967	0.00243396
607247.8	4201208.22	0.00000000	0.001245628	0.000481807	0.00172744	0.00000000	0.000113739	0.000055159	0.00016890	0	0.0023341	0.001379049	0.003713149	0.00000000	0.001202267	0.000846332	0.00204860
607147.8	4201408.22	0.00000000	0.001285006	0.00043557	0.00172058	0.00000000	0.000108535	0.000042370	0.00015090	0	0.002068464	0.000917891	0.002986356	0.00000000	0.000892051	0.000426938	0.00131899
607287.8	4201108.22	0.00000000	0.001208619	0.000511133	0.00171975	0.00000000	0.000124329	0.000072060	0.00019639	0	0.002803563	0.002057132	0.004860695	0.00000000	0.001719327	0.001508901	0.00322823
607267.8	4201168.22	0.00000000	0.0012239	0.000490299	0.00171420	0.00000000	0.000116389	0.000060548	0.00017694	0	0.002472127	0.001597122	0.004069249	0.00000000	0.001364671	0.001060530	0.00242520
607207.8	4201308.22	0.00000000	0.001256403	0.000457237	0.00171364	0.00000000	0.000109954	0.000048143	0.00015810	0	0.002170371	0.001124334	0.003294706	0.00000000	0.00102398	0.000613535	0.00163752
607227.8	4201268.22	0.00000000	0.001246148	0.000465853	0.00171200	0.00000000	0.000111048	0.000050907	0.00016196	0	0.002229467	0.001226978	0.003456445	0.00000000	0.001094424	0.000708872	0.00180330
607187.8	4201348.22	0.00000000	0.0012605	0.000447464	0.00170796	0.00000000	0.00010874	0.000045677	0.00015442	0	0.002116763	0.001037288	0.003154051	0.00000000	0.000965061	0.000535613	0.00150067
607247.8	4201228.22	0.00000000	0.001231237	0.000474015	0.00170525	0.00000000	0.000112647	0.000054568	0.00016722	0	0.002315718	0.001369952	0.00368567	0.00000000	0.001197184	0.000846225	0.00204341
607287.8	4201128.22	0.00000000	0.001201737	0.000502583	0.00170432	0.00000000	0.000122921	0.000070430	0.00019335	0	0.002760618	0.002004109	0.004764728	0.00000000	0.001681856	0.001464519	0.00314637
607307.8	4201108.22	0.00000000	0.001183398	0.000520105	0.00170350	0.00000000	0.000140897	0.000092626	0.00023352	0	0.003484176	0.002939944	0.006424119	0.00000000	0.002441726	0.002406188	0.00484791
607167.8	4201388.22	0.00000000	0.001259983	0.000437056	0.00169704	0.00000000	0.000107428	0.000043449	0.00015088	0	0.002067039	0.000961992	0.003029032	0.00000000	0.000914542	0.000470530	0.00138507
607267.8	4201188.22	0.00000000	0.001212997	0.00048278	0.00169578	0.00000000	0.000115543	0.000059945	0.00017549	0	0.002457468	0.001586904	0.004044372	0.00000000	0.001360068	0.001058948	0.00241902
607287.8	4201148.22	0.00000000	0.001193827	0.00049483	0.00168866	0.00000000	0.000121984	0.000069456	0.00019144	0	0.002737507	0.001978114	0.004715621	0.00000000	0.001665717	0.001446988	0.00311271
607307.8	4201128.22	0.00000000	0.001174792	0.000510115	0.00168491	0.00000000	0.000137796	0.000089217	0.00022701	0	0.003378759	0.002811983	0.006190742	0.00000000	0.002341814	0.002286445	0.00462826
607227.8	4201288.22	0.00000000	0.001227141	0.000457716	0.00168486	0.00000000	0.000109594	0.000050293	0.00015989	0	0.0022047	0.001217621	0.003422321	0.00000000	0.001087208	0.000708908	0.00179612
607207.8	4201328.22	0.00000000	0.001233968	0.000448581	0.00168255	0.00000000	0.00010812	0.000047372	0.00015549	0	0.002136602	0.001109226	0.003245828	0.00000000	0.00101081	0.000608273	0.00161908
607247.8	4201248.22	0.00000000	0.001215668	0.000466258	0.00168193	0.00000000	0.00011141	0.000053924	0.00016533	0	0.002293653	0.00135848	0.003652133	0.00000000	0.00118945	0.000843635	0.00203309
607147.8	4201428.22	0.00000000	0.001255148	0.000426394	0.00168154	0.00000000	0.000106043	0.000041487	0.00014753	0	0.002021569	0.000898954	0.002920523	0.00000000	0.000872522	0.000418355	0.00129088
607267.8	4201208.22	0.00000000	0.001200716	0.000475367	0.00167608	0.00000000	0.000114593	0.000059357	0.00017395	0	0.002441083	0.001577143	0.004018226	0.00000000	0.001355014	0.001057710	0.00241272
607187.8	4201368.22	0.00000000	0.001234887	0.000438429	0.00167332	0.00000000	0.000106575	0.000044793	0.00015137	0	0.002075489	0.001018024	0.003093513	0.00000000	0.000947233	0.000526527	0.00147376
607287.8	4201168.22	0.00000000	0.001184699	0.000487565	0.00167226	0.00000000	0.000121257	0.000068850	0.00019011	0	0.002724489	0.001967201	0.004691691	0.00000000	0.0016611	0.001444389	0.00310549
607307.8	4201148.22	0.00000000	0.001166386	0.000502152	0.00166854	0.00000000	0.000136346	0.000087720	0.00022407	0	0.003336681	0.00276353	0.006100211	0.00000000	0.002306692	0.002246067	0.00455276
607167.8	4201408.22	0.00000000	0.001232388	0.000428058	0.00166045	0.00000000	0.000105095	0.000042556	0.00014765	0	0.002022512	0.000942278	0.00296479	0.00000000	0.000895275	0.000460936	0.00135621
607247.8	4201268.22	0.00000000	0.001198898	0.000458585	0.00165748	0.00000000	0.000110134	0.000053349	0.00016348	0	0.002272085	0.001349824	0.003621909	0.00000000	0.001183375	0.000843843	0.00202722

607227.8	4201308.22	0.00000000	0.001207093	0.000449557	0.00165665	0.00000000	0.000107994	0.000049610	0.00015760	0	0.002176016	0.001205292	0.003381308	0.00000000	0.001076972	0.000705914	0.00178289
607267.8	4201228.22	0.00000000	0.001187098	0.000468112	0.00165521	0.00000000	0.000113648	0.000058901	0.00017255	0	0.002427063	0.001572807	0.00399987	0.00000000	0.001353667	0.001061862	0.00241553
607287.8	4201188.22	0.00000000	0.001174277	0.000480486	0.00165476	0.00000000	0.000120471	0.000068307	0.00018878	0	0.00271136	0.001958672	0.004670032	0.00000000	0.001657606	0.001444020	0.00310163
607307.8	4201168.22	0.00000000	0.001157624	0.000495317	0.00165294	0.00000000	0.000135693	0.000087198	0.00022289	0	0.003325935	0.002755384	0.006081319	0.00000000	0.002304054	0.002245803	0.00454986
607207.8	4201348.22	0.00000000	0.00121078	0.000439956	0.00165074	0.00000000	0.000106168	0.000046543	0.00015271	0	0.002099533	0.001091475	0.003191008	0.00000000	0.000994976	0.000600255	0.00159523
607187.8	4201388.22	0.00000000	0.001209171	0.000429599	0.00163877	0.00000000	0.000104374	0.000043896	0.00014827	0	0.002032955	0.000997725	0.00303068	0.00000000	0.000928213	0.000516132	0.00144435
607307.8	4201188.22	0.00000000	0.001147977	0.000488935	0.00163691	0.00000000	0.000135233	0.000086995	0.00022223	0	0.003324108	0.002760266	0.006084374	0.00000000	0.002311414	0.002258400	0.00456981
607287.8	4201208.22	0.00000000	0.001162635	0.000473574	0.00163621	0.00000000	0.000119653	0.000067847	0.00018750	0	0.002698988	0.001953424	0.004652412	0.00000000	0.001656057	0.001446829	0.00310289
607267.8	4201248.22	0.00000000	0.001172336	0.000460862	0.00163320	0.00000000	0.000112551	0.000058381	0.00017093	0	0.002409058	0.001565627	0.003974686	0.00000000	0.001349325	0.001063084	0.00241241
607247.8	4201288.22	0.00000000	0.001180988	0.000450924	0.00163191	0.00000000	0.000108778	0.000052787	0.00016156	0	0.002249298	0.001341691	0.003590988	0.00000000	0.001177141	0.000844572	0.00202171
607227.8	4201328.22	0.00000000	0.001186224	0.000441398	0.00162762	0.00000000	0.000106269	0.000048864	0.00015513	0	0.002143874	0.001190197	0.003334071	0.00000000	0.001063972	0.000700076	0.00176405
607167.8	4201428.22	0.00000000	0.001204692	0.000419278	0.00162397	0.00000000	0.000102745	0.000041673	0.00014442	0	0.001977527	0.000922516	0.002900043	0.00000000	0.000875636	0.000451035	0.00132667
607307.8	4201208.22	0.00000000	0.001137118	0.000482622	0.00161974	0.00000000	0.000134663	0.000086783	0.00022145	0	0.003320006	0.002764598	0.006084604	0.00000000	0.002317601	0.002270349	0.00458795
607207.8	4201368.22	0.00000000	0.001186734	0.000431321	0.00161805	0.00000000	0.000104095	0.000045656	0.00014975	0	0.002059192	0.001071238	0.00313043	0.00000000	0.000976607	0.000589693	0.00156630
607287.8	4201228.22	0.00000000	0.001149848	0.000466759	0.00161661	0.00000000	0.000118767	0.000067420	0.00018619	0	0.002685883	0.00194942	0.004635303	0.00000000	0.001654853	0.001450801	0.00310565
607267.8	4201268.22	0.00000000	0.001156492	0.000453605	0.00161010	0.00000000	0.000111324	0.000057814	0.00016914	0	0.002387851	0.001556434	0.003944286	0.00000000	0.001342735	0.001062246	0.00240498
607247.8	4201308.22	0.00000000	0.001162185	0.000443235	0.00160542	0.00000000	0.00010728	0.000052146	0.00015943	0	0.002222509	0.001330212	0.003552721	0.00000000	0.001167657	0.000841895	0.00200955
607187.8	4201408.22	0.00000000	0.001183366	0.000420965	0.00160433	0.00000000	0.000102145	0.000042994	0.00014514	0	0.00198954	0.00097681	0.00296635	0.00000000	0.000908373	0.000504872	0.00141324
607307.8	4201228.22	0.00000000	0.001125183	0.000476375	0.00160156	0.00000000	0.000134002	0.000086572	0.00022057	0	0.003314188	0.00276881	0.006082998	0.00000000	0.002323057	0.002282098	0.00460515
607227.8	4201348.22	0.00000000	0.001164681	0.000433242	0.00159792	0.00000000	0.000104416	0.000048040	0.00015246	0	0.002107925	0.001171665	0.00327959	0.00000000	0.001047713	0.000690699	0.00173841
607287.8	4201248.22	0.00000000	0.001135934	0.000459946	0.00159588	0.00000000	0.000117749	0.000066949	0.00018470	0	0.002669564	0.001943478	0.004613042	0.00000000	0.00165143	0.001452777	0.00310421
607267.8	4201288.22	0.00000000	0.001139815	0.000446373	0.00158619	0.00000000	0.000110003	0.000057219	0.00016722	0	0.002364381	0.001545981	0.003910362	0.00000000	0.00133462	0.001060080	0.00239470
607207.8	4201388.22	0.00000000	0.001162144	0.000422737	0.00158488	0.00000000	0.000101932	0.000044725	0.00014666	0	0.002016284	0.001048915	0.003065199	0.00000000	0.000956124	0.000576925	0.00153305
607307.8	4201248.22	0.00000000	0.001112154	0.000470039	0.00158219	0.00000000	0.000133129	0.000086220	0.00021935	0	0.003301999	0.002767063	0.006069062	0.00000000	0.002323023	0.002287822	0.00461085
607247.8	4201328.22	0.00000000	0.001142662	0.000435527	0.00157819	0.00000000	0.00010565	0.000051425	0.00015707	0	0.002191791	0.001315194	0.003506985	0.00000000	0.00115483	0.000835599	0.00199043
607287.8	4201268.22	0.00000000	0.001120964	0.000453053	0.00157402	0.00000000	0.000116545	0.000066363	0.00018291	0	0.002647812	0.001932658	0.004580469	0.00000000	0.001643443	0.001449832	0.00309328
607187.8	4201428.22	0.00000000	0.001157387	0.000412499	0.00156989	0.00000000	9.98899E-05	0.000042092	0.00014198	0	0.001945363	0.000955534	0.002900897	0.00000000	0.000887918	0.000493041	0.00138096
607227.8	4201368.22	0.00000000	0.00114236	0.000425044	0.00156740	0.00000000	0.000102429	0.000047135	0.00014956	0	0.002068052	0.001149668	0.00321772	0.00000000	0.001028173	0.000677807	0.00170598
607307.8	4201268.22	0.00000000	0.001098054	0.00046344	0.00156149	0.00000000	0.000131887	0.000085543	0.00021743	0	0.003277323	0.002751635	0.006028958	0.00000000	0.002311204	0.002279788	0.00459099
607267.8	4201308.22	0.00000000	0.001122203	0.000439146	0.00156135	0.00000000	0.000108617	0.000056636	0.00016525	0	0.002339948	0.001535995	0.003875943	0.00000000	0.001326412	0.001058390	0.00238480
607207.8	4201408.22	0.00000000	0.00113789	0.000414421	0.00155231	0.00000000	9.9771E-05	0.000043790	0.00014356	0	0.001972909	0.001025849	0.002998758	0.00000000	0.000934841	0.000563075	0.00149792
607287.8	4201288.22	0.00000000	0.001105222	0.000446201	0.00155142	0.00000000	0.000115277	0.000065777	0.00018105	0	0.002624826	0.001921748	0.004546574	0.00000000	0.00163493	0.001446746	0.00308168
607247.8	4201348.22	0.00000000	0.001122413	0.000427749	0.00155016	0.00000000	0.000103853	0.000050582	0.00015444	0	0.002155877	0.001295035	0.003450912	0.00000000	0.001137368	0.000824100	0.00196147
607307.8	4201288.22	0.00000000	0.001083119	0.000456854	0.00153997	0.00000000	0.000130584	0.000084874	0.00021546	0	0.003251668	0.002736493	0.005988161	0.00000000	0.002299181	0.002272034	0.00457121
607227.8	4201388.22	0.00000000	0.001119395	0.000416827	0.00153622	0.00000000	0.000100322	0.000046157	0.00014648	0	0.002024655	0.001124493	0.003149148	0.00000000	0.001005633	0.000661670	0.00166730
607267.8	4201328.22	0.00000000	0.001103827	0.000431843	0.00153567	0.00000000	0.00010707	0.000055940	0.00016301	0	0.002310564	0.001521223	0.003831786	0.00000000	0.001313856	0.001051866	0.00236572
607287.8	4201308.22	0.00000000	0.00108878	0.000439429	0.00152821	0.00000000	0.000114003	0.000065252	0.00017925	0	0.002602802	0.001913344	0.004516146	0.00000000	0.001628074	0.001446142	0.00307422
607247.8	4201368.22	0.00000000	0.001101563	0.000419909	0.00152147	0.00000000	0.000101896	0.000049614	0.00015151	0	0.002114758	0.001269521	0.003384278	0.00000000	0.001115141	0.000807166	0.00192231
607207.8	4201428.22	0.00000000	0.001113518	0.000406255	0.00151977	0.00000000	9.75825E-05	0.000042848	0.00014043	0	0.001928662	0.001002162	0.002930824	0.00000000	0.000912777	0.000548408	0.00146118
607307.8	4201308.22	0.00000000	0.001067747	0.000450526	0.00151827	0.00000000	0.00012944	0.000084433	0.00021387	0	0.003232893	0.002730845	0.005963737	0.00000000	0.002294633	0.002273737	0.00456837
607267.8	4201348.22	0.00000000	0.001084827	0.000424412	0.00150924	0.00000000	0.000105296	0.000055044	0.00016034	0	0.002273477	0.001498002	0.003771479	0.00000000	0.001293995	0.001036807	0.00233080
607227.8	4201408.22	0.00000000	0.001096078	0.000408659	0.00150474	0.00000000	9.81388E-05	0.000045130	0.00014327	0	0.001978866	0.00109711	0.003075976	0.00000000	0.000980977	0.000643204	0.00162418
607287.8	4201328.22	0.00000000	0.001071723	0.000432598	0.00150432	0.00000000	0.000112581	0.000064615	0.00017720	0	0.002576047	0.001900184	0.004476231	0.00000000	0.001616952	0.001440717	0.00305767
607307.8	4201328.22	0.00000000	0.00105183	0.000444217	0.00149605	0.00000000	0.00012824	0.000083980	0.00021222	0	0.003212815	0.002724597	0.005937412	0.00000000	0.002289271	0.002274802	0.00456407
607247.8	4201388.22	0.00000000	0.001079955	0.000411956	0.00149191	0.00000000	9.97697E-05	0.000048521	0.00014829	0	0.002068343	0.001238736	0.003307079	0.00000000	0.001088206	0.000784947	0.00187315
607267.8	4201368.22	0.00000000	0.001065053	0.000416773	0.00148183	0.00000000	0.000103262	0.000053920	0.00015718	0	0.002227624	0.001465188	0.003692812	0.00000000	0.001265881	0.001012126	0.00227801
607287.8	4201348.22	0.00000000	0.001053807	0.000425432	0.00147924	0.00000000	0.000110769	0.000063609	0.00017438	0	0.002535677	0.001871505	0.004407182	0.00000000	0.001592685	0.001419729	0.00301241
607227.8	4201428.22	0.00000000	0.00107303	0.000400714	0.00147374	0.00000000	9.59591E-05	0.000044104	0.00014006	0	0.001932777	0.001069232	0.003002009	0.00000000	0.000955754	0.000623965	0.00157972
607307.8	4201348.22	0.00000000	0.001034783	0.000437192	0.00147198	0.00000000	0.000126295	0.000082770	0.00020907	0	0.003165901	0.00268669	0.005852591	0.00000000	0.002257458	0.002244155	0.00450161
607247.8	4201408.22	0.00000000	0.001058057	0.00040403	0.00146209	0.00000000	9.75517E-05	0.000047357	0.00014491	0	0.002018882	0.001204806	0.003223688	0.00000000	0.001058424	0.000759461	0.00181789
607267.8	4201388.22	0.00000000	0.001044796	0.000409014	0.00145381	0.00000000	0.000101016	0.000052600	0.00015362	0	0.002174352	0.00142404	0.003598392	0.00000000	0.001230619	0.000979019	0.00220964
607287.8	4201368.22	0.00000000	0.001034925	0.000417807	0.00145273	0.00000000	0.000108474	0.000062132	0.00017061	0	0.002478286	0.001823178	0.004301464	0.00000000	0.001551882	0.001379078	0.00293096
607307.8	4201368.22	0.00000000	0.001016222	0.000428973	0.00144519	0.00000000	0.00012317	0.000080331	0.00020350	0	0.003075946	0.002597424	0.00567337	0.00000000	0.002182939	0.002162105	0.00434504
607247.8	4201428.22	0.00000000	0.001036526	0.000396338	0.00143286	0.00000000	9.53463E-05	0.000046196	0.00014154	0	0.001969301	0.00117045	0.003139751	0.00000000	0.001028168	0.000733259	0.00176143
607267.8	4201408.22	0.00000000	0.001024462	0.000401297	0.00142576	0.00000000	9.86681E-05	0.000051183	0.00014985	0	0.002117312	0.001378525	0.003495837	0.00000000	0.001191564	0.000941368	0.00213293
607287.8	4201388.22	0.00000000	0.001015519	0.000409885	0.00142540	0.00000000	0.000105797	0.000060268	0.00016607	0	0.002407039	0.001758514	0.004165553	0.00000000	0.001497363	0.001321978	0.00281934
607307.8	4201388.22	0.00000000	0.000996346	0.000419758	0.00141610	0.00000000	0.000119057	0.000076867	0.00019592	0	0.002950075	0.002465388	0.005415463	0.00000000	0.00207283	0.002037251	0.00411008
607267.8	4201428.22	0.00000000	0.001004334	0.000393735	0.00139807	0.00000000	9.62955E-05	0.000049734	0.00014603	0	0.002058969	0.001331307	0.003390276	0.00000000	0.001150976	0.000901784	0.00205276
607287.8	4201408.22	0.00000000	0.000995704	0.000401775	0.00139748	0.00000000	0.00010285	0.000058134	0.00016098	0	0.002326026	0.001682438	0.004008464	0.00000000	0.001433217	0.001253364	0.00268658
607307.8	4201408.22	0.00000000	0.000975634	0.000409842	0.00138548	0.00000000	0.000114201	0.000072623	0.00018682	0	0.002796891	0.002300629	0.005097521	0.00000000	0.001935501	0.001879575	0.00381508
607287.8	4201428.22	0.00000000	0.000975675	0.000393668	0.00136934	0.00000000	9.98174E-05	0.000055928	0.00015574	0	0.002242048	0.001603148	0.003845196	0.00000000	0.001366234	0.001181441	0.00254768
607307.8	4201428.22	0.00000000	0.000954819	0.000399998	0.00135482	0.00000000	0.000109328	0.000068377	0.00017770	0	0.002643252	0.00213561	0.004778862	0.00000000	0.001797803	0.001721545	0.00351935
608186.19	4200741.15	0.00000000	0.000364059	0.000228096	0.00059216	0.00000000	3.2408E-05	0.000022392	0.00005480	0	0.000650001	0.000484757	0.001134758	0.00000000	0.000318366	0.000228904	0.00054727
608186.19	4200794.35	0.00000000	0.000363865	0.000227734	0.00059160	0.00000000	3.22495E-05	0.000022340	0.00005459	0	0.000644211	0.00048324	0.001127451	0.00000000	0.000312612	0.000227798	0.00054041
608186.19	4200733.55	0.00000000	0.000363965	0.00022737	0.00059133	0.00000000	3.24218E-05	0.000022287	0.00005471	0	0.000650692	0.000481741	0.001132434	0.00000000	0.000319166	0.000226707	0.00054587
608186.19	4200801.95	0.00000000	0.000363725	0.000227144	0.00059087	0.00000000	3.22192E-05	0.000022236	0.00005445	0	0.000643269	0.000480261	0.00112353	0.00000000	0.000311779	0.000225634	0.00053741
608186.19	4200809.55	0.00000000	0.000363552	0.000227008	0.00059056	0.00000000	3.21864E-05	0.000022234	0.00005442	0	0.00064229	0.000478788	0.001121078	0.00000000	0.000310941	0.000224574	0.00053552
608186.19	4200817.15	0.00000000	0.000363351	0.000226844	0.00059020	0.00000000	3.21516E-05	0.000022233	0.00005438	0	0.000641279	0.000477317	0.001118596	0.00000000	0.000310096	0.000223523	0.00053362
608186.19	4200824.75	0.00000000	0.000363121	0.000226762	0.00058988	0.00000000	3.21149E-05	0.000022184	0.00005430	0	0.000640244	0.000475859	0.001116103	0.00000000	0.000309255	0.000222493	0.00053175
608186.19	4200832.35	0.00000000	0.000362866	0.000226648	0.00058951	0.00000000	3.20764E-05	0.000022182	0.00005426	0	0.00063918	0.000474403	0.001113583	0.00000000	0.000308407	0.000221469	0.00052988
608186.19	4200839.95	0.00000000	0.000362584	0.000226489	0.00058907	0.00000000	3.20363E-05	0.000022181	0.00005422	0	0.000638097	0.000472964	0.00111106	0.00000000	0.000307566	0.000220467	0.00052803
608186.19	4200847.55	0.00000000	0.000362279	0.000226382	0.00058866	0.00000000	3.19946E-05	0.000022133	0.00005413	0	0.000636989	0.000471529	0.001108518	0.00000000	0.000306721	0.000219475	0.00052620
608186.19	4200855.15	0.00000000	0.000361954	0.000226284	0.00058824	0.00000000	3.19516E-05	0.000022131	0.00005408	0	0.000635867	0.000470102	0.001105969	0.00000000	0.000305881	0.000218498	0.00052438
608193.06	4200763.95	0.00000000	0.00036184	0.000225911	0.00058775	0.00000000	3.21183E-05	0.000022080	0.00005420	0	0.000642486	0.000489618	0.001132105	0.00000000	0.000312781	0.000232774	0.00054555
608186.19	4200862.75	0.00000000	0.000361605	0.000226127	0.00058773	0.00000000	3.1907E-05	0.000022128	0.00005403	0	0.000634724	0.000468685	0.00110341	0.00000000	0.000305043	0.000217539	0.00052258
608193.06	4200771.55	0.00000000	0.000361809	0.000225771	0.00058758	0.00000000	3.20963E-05	0.000022076	0.00005417	0	0.00064169	0.000488107	0.001129797	0.00000000	0.000311993	0.000231649	0.00054364
608193.06	4200756.35	0.00000000	0.000361836	0.00022562	0.00058746	0.00000000	3.21378E-05	0.000022076	0.00005421	0	0.000643245	0.000486604	0.001129849	0.00000000	0.000313563	0.000230536	0.00054410
608193.06	4200779.15	0.00000000	0.000361737	0.000225605	0.00058734	0.00000000	3.20713E-05	0.000022030	0.00005410	0	0.000640843	0.00048511	0.001125954	0.00000000	0.000311194	0.000229429	0.00054062
608193.06	4200748.75	0.00000000	0.000361807	0.000225534	0.00058734	0.00000000	3.21556E-05	0.000022029	0.00005418	0	0.000643979	0.000483633	0.001127612	0.00000000	0.000314343	0.000228337	0.00054268
608186.19	4200870.35	0.00000000	0.000361231	0.000226004	0.00058724	0.00000000	3.18609E-05	0.000022081	0.00005394	0	0.00063356	0.000467276	0.001100837	0.00000000	0.000304206	0.000216593	0.00052080
608193.06	4200786.75	0.00000000	0.000361629	0.000225418	0.00058705	0.00000000	3.20435E-05	0.000022026	0.00005407	0	0.000639949	0.000482161	0.00112211	0.00000000	0.000310379	0.000227256	0.00053763
608193.06	4200741.15	0.00000000	0.000361755	0.000225231	0.00058699	0.00000000	3.21715E-05	0.000022023	0.00005419	0	0.000644681	0.000480691	0.001125371	0.00000000	0.000315114	0.000226186	0.00054130
608193.06	4200733.55	0.00000000	0.000361663	0.000225159	0.00058682	0.00000000	3.21847E-05	0.000021977	0.00005416	0	0.000645338	0.000477761	0.001123099	0.00000000	0.000315876	0.000224067	0.00053994
608193.06	4200794.35	0.00000000	0.000361502	0.000225256	0.00058676	0.00000000	3.20145E-05	0.000021980	0.00005399	0	0.000639041	0.000479214	0.001118255	0.00000000	0.00030957	0.000225116	0.00053469
608193.06	4200801.95	0.00000000	0.000361347	0.000225058	0.00058640	0.00000000	3.19837E-05	0.000021977	0.00005396	0	0.000638108	0.000476321	0.001114429	0.00000000	0.000308762	0.000223034	0.00053180
608193.06	4200809.55	0.00000000	0.000361162	0.000224901	0.00058606	0.00000000	3.19507E-05	0.000021970	0.00005392	0	0.000637139	0.000474882	0.001112021	0.00000000	0.000307945	0.000222008	0.00052995
608193.06	4200817.15	0.00000000	0.000360956	0.000224836	0.00058579	0.00000000	3.19163E-05	0.000021929	0.00005385	0	0.000636151	0.000473454	0.001109605	0.00000000	0.000307127	0.000220996	0.00052812
608193.06	4200824.75	0.00000000	0.000360731	0.00022478	0.00058551	0.00000000	3.18807E-05	0.000021927	0.00005381	0	0.00063515	0.000472044	0.001107194	0.00000000	0.000306317	0.000220002	0.00052632
608193.06	4200832.35	0.00000000	0.000360479	0.00022469	0.00058517	0.00000000	3.18433E-05	0.000021926	0.00005377	0	0.000634124	0.000470641	0.001104765	0.00000000	0.000305505	0.000219023	0.00052453
608193.06	4200839.95	0.00000000	0.000360194	0.000224546	0.00058474	0.00000000	3.18035E-05	0.000021921	0.00005372	0	0.000633056	0.000469235	0.001102291	0.00000000	0.000304682	0.000218049	0.00052273
608193.06	4200847.55	0.00000000	0.000359887	0.000224437	0.00058432	0.00000000	3.17624E-05	0.000021918	0.00005368	0	0.000631978	0.000467847	0.001099825	0.00000000	0.00030387	0.000217098	0.00052097
608193.06	4200855.15	0.00000000	0.00035956	0.000224398	0.00058396	0.00000000	3.17198E-05	0.000021879	0.00005360	0	0.000630875	0.000466458	0.001097333	0.00000000	0.000303052	0.000216154	0.00051921
608199.93	4200763.95	0.00000000	0.000359528	0.000224195	0.00058372	0.00000000	3.18853E-05	0.000021874	0.00005376	0	0.000637311	0.00048533	0.00112264	0.00000000	0.000309684	0.000229849	0.00053953
608193.06	4200862.75	0.00000000	0.000359208	0.000224381	0.00058359	0.00000000	3.16757E-05	0.000021878	0.00005355	0	0.000629753	0.000465076	0.001094829	0.00000000	0.000302237	0.000215225	0.00051746
608199.93	4200748.75	0.00000000	0.000359508	0.000224038	0.00058355	0.00000000	3.19217E-05	0.000021828	0.00005375	0	0.000638746	0.000480974	0.00111972	0.00000000	0.000311176	0.000226644	0.00053782
608199.93	4200756.35	0.00000000	0.000359529	0.000224014	0.00058354	0.00000000	3.19043E-05	0.000021830	0.00005373	0	0.000638041	0.000482412	0.001120453	0.00000000	0.000310433	0.000227699	0.00053813
608199.93	4200771.55	0.00000000	0.00035949	0.000224034	0.00058352	0.00000000	3.18635E-05	0.000021865	0.00005373	0	0.000636531	0.000483877	0.001120408	0.00000000	0.000308921	0.000228777	0.00053770
608199.93	4200779.15	0.00000000	0.00035941	0.000223947	0.00058336	0.00000000	3.18386E-05	0.000021825	0.00005366	0	0.000635702	0.000479548	0.001115249	0.00000000	0.000308147	0.000225596	0.00053374
608199.93	4200741.15	0.00000000	0.000359469	0.000223843	0.00058331	0.00000000	3.19381E-05	0.000021822	0.00005376	0	0.000639442	0.000478119	0.00111756	0.00000000	0.000311927	0.000224553	0.00053648
608193.06	4200870.35	0.00000000	0.000358837	0.000224319	0.00058316	0.00000000	3.16304E-05	0.000021874	0.00005350	0	0.000628617	0.000463709	0.001092326	0.00000000	0.000301427	0.000214313	0.00051574
608199.93	4200733.55	0.00000000	0.000359383	0.000223686	0.00058307	0.00000000	3.19506E-05	0.000021780	0.00005373	0	0.000640068	0.000475266	0.001115333	0.00000000	0.000312651	0.000222496	0.00053515
608199.93	4200786.75	0.00000000	0.000359299	0.000223627	0.00058293	0.00000000	3.18115E-05	0.000021812	0.00005362	0	0.000634839	0.000476687	0.001111526	0.00000000	0.000307367	0.000223519	0.00053089
608199.93	4200794.35	0.00000000	0.000359162	0.000223629	0.00058279	0.00000000	3.17825E-05	0.000021778	0.00005356	0	0.000633948	0.000473853	0.001107802	0.00000000	0.000306585	0.000221485	0.00052807
608199.93	4200801.95	0.00000000	0.000358998	0.000223572	0.00058257	0.00000000	3.17516E-05	0.000021777	0.00005353	0	0.000633027	0.000472447	0.001105474	0.00000000	0.000305796	0.000220485	0.00052628
608199.93	4200809.55	0.00000000	0.000358805	0.000223481	0.00058229	0.00000000	3.17186E-05	0.000021771	0.00005349	0	0.000632071	0.000471044	0.001103115	0.00000000	0.000305001	0.000219492	0.00052449
608199.93	4200817.15	0.00000000	0.000358592	0.000223334	0.00058193	0.00000000	3.16844E-05	0.000021769	0.00005345	0	0.000631105	0.000469661	0.001100766	0.00000000	0.000304214	0.000218522	0.00052274
608199.93	4200824.75	0.00000000	0.000358359	0.000223239	0.00058160	0.00000000	3.1649E-05	0.000021760	0.00005341	0	0.000630122	0.000468289	0.001098411	0.00000000	0.000303428	0.000217564	0.00052099
608199.93	4200832.35	0.00000000	0.00035811	0.000223214	0.00058132	0.00000000	3.16125E-05	0.000021731	0.00005334	0	0.000629125	0.000466931	0.001096056	0.00000000	0.000302643	0.000216620	0.00051926
608199.93	4200839.95	0.00000000	0.000357826	0.000223192	0.00058102	0.00000000	3.15735E-05	0.000021729	0.00005330	0	0.000628089	0.00046557	0.001093659	0.00000000	0.000301852	0.000215684	0.00051754
608199.93	4200847.55	0.00000000	0.00035752	0.000223169	0.00058069	0.00000000	3.1533E-05	0.000021727	0.00005326	0	0.000627028	0.000464216	0.001091244	0.00000000	0.000301058	0.000214760	0.00051582
608199.93	4200855.15	0.00000000	0.00035719	0.000223115	0.00058031	0.00000000	3.14909E-05	0.000021723	0.00005321	0	0.000625949	0.000462866	0.001088815	0.00000000	0.000300266	0.000213850	0.00051412
608206.8	4200756.35	0.00000000	0.000357244	0.000222812	0.00058006	0.00000000	3.16738E-05	0.000021681	0.00005335	0	0.000632914	0.00047972	0.001112634	0.00000000	0.00030736	0.000225965	0.00053333
608206.8	4200763.95	0.00000000	0.000357232	0.000222794	0.00058003	0.00000000	3.16546E-05	0.000021682	0.00005334	0	0.000632194	0.000481126	0.00111332	0.00000000	0.000306632	0.000226997	0.00053363
608206.8	4200771.55	0.00000000	0.00035719	0.000222831	0.00058002	0.00000000	3.16335E-05	0.000021677	0.00005331	0	0.000631449	0.000478308	0.001109757	0.00000000	0.000305909	0.000224934	0.00053084
608206.8	4200748.75	0.00000000	0.000357238	0.000222748	0.00057999	0.00000000	3.16916E-05	0.000021676	0.00005337	0	0.00063361	0.000476909	0.001110519	0.00000000	0.00030808	0.000223917	0.00053200
608206.8	4200741.15	0.00000000	0.000357205	0.000222636	0.00057984	0.00000000	3.17075E-05	0.000021669	0.00005338	0	0.000634279	0.000475518	0.001109797	0.00000000	0.000308797	0.000222903	0.00053170
608199.93	4200862.75	0.00000000	0.000356837	0.000222984	0.00057982	0.00000000	3.14473E-05	0.000021720	0.00005317	0	0.000624849	0.000461523	0.001086372	0.00000000	0.000299475	0.000212954	0.00051243
608206.8	4200733.55	0.00000000	0.000357126	0.00022243	0.00057956	0.00000000	3.17197E-05	0.000021632	0.00005335	0	0.000634883	0.000471379	0.001106262	0.00000000	0.000309493	0.000219928	0.00052942
608206.8	4200779.15	0.00000000	0.000357106	0.000222439	0.00057955	0.00000000	3.1609E-05	0.000021654	0.00005326	0	0.000630643	0.000474148	0.001104791	0.00000000	0.000305162	0.000221912	0.00052707
608206.8	4200786.75	0.00000000	0.000356989	0.000222485	0.00057947	0.00000000	3.15821E-05	0.000021633	0.00005322	0	0.000629797	0.000472762	0.001102559	0.00000000	0.000304406	0.000220917	0.00052532
608199.93	4200870.35	0.00000000	0.000356465	0.000222841	0.00057931	0.00000000	3.14025E-05	0.000021707	0.00005311	0	0.000623735	0.000460192	0.001083927	0.00000000	0.000298689	0.000212074	0.00051076
608206.8	4200794.35	0.00000000	0.000356846	0.00022237	0.00057922	0.00000000	3.15534E-05	0.000021628	0.00005318	0	0.000628927	0.000470009	0.001098936	0.00000000	0.00030365	0.000218956	0.00052261
608206.8	4200801.95	0.00000000	0.000356678	0.000222377	0.00057905	0.00000000	3.15228E-05	0.000021627	0.00005315	0	0.000628025	0.000468644	0.001096669	0.00000000	0.000302887	0.000217991	0.00052088
608206.8	4200809.55	0.00000000	0.000356483	0.000222281	0.00057876	0.00000000	3.14904E-05	0.000021620	0.00005311	0	0.000627098	0.000467286	0.001094384	0.00000000	0.000302122	0.000217038	0.00051916
608206.8	4200817.15	0.00000000	0.000356261	0.000222136	0.00057840	0.00000000	3.14563E-05	0.000021617	0.00005307	0	0.000626146	0.00046594	0.001092086	0.00000000	0.000301357	0.000216101	0.00051746
608206.8	4200824.75	0.00000000	0.000356016	0.000222049	0.00057806	0.00000000	3.14204E-05	0.000021601	0.00005302	0	0.000625167	0.000464596	0.001089763	0.00000000	0.000300588	0.000215172	0.00051576
608206.8	4200832.35	0.00000000	0.00035576	0.000222031	0.00057779	0.00000000	3.1384E-05	0.000021585	0.00005297	0	0.000624183	0.000463269	0.001087453	0.00000000	0.000299823	0.000214257	0.00051408
608206.8	4200839.95	0.00000000	0.000355483	0.000222005	0.00057749	0.00000000	3.13461E-05	0.000021583	0.00005293	0	0.00062318	0.000461953	0.001085133	0.00000000	0.00029906	0.000213356	0.00051242
608206.8	4200847.55	0.00000000	0.000355177	0.000221966	0.00057714	0.00000000	3.13064E-05	0.000021581	0.00005289	0	0.000622151	0.000460644	0.001082796	0.00000000	0.000298296	0.000212470	0.00051077
608206.8	4200855.15	0.00000000	0.000354845	0.000221922	0.00057677	0.00000000	3.12648E-05	0.000021577	0.00005284	0	0.000621094	0.000459335	0.001080429	0.00000000	0.00029753	0.000211595	0.00050912
608213.67	4200748.75	0.00000000	0.000354987	0.000221633	0.00057662	0.00000000	3.14641E-05	0.000021534	0.00005300	0	0.000628546	0.000474275	0.001102821	0.00000000	0.000305039	0.000222229	0.00052727
608213.67	4200756.35	0.00000000	0.000354982	0.000221617	0.00057660	0.00000000	3.14461E-05	0.000021537	0.00005298	0	0.000627861	0.000477004	0.001104864	0.00000000	0.000304341	0.000224211	0.00052855
608213.67	4200763.95	0.00000000	0.000354955	0.000221628	0.00057658	0.00000000	3.14267E-05	0.000021535	0.00005296	0	0.000627158	0.000475647	0.001102805	0.00000000	0.000303645	0.000223222	0.00052687
608213.67	4200771.55	0.00000000	0.000354906	0.000221561	0.00057647	0.00000000	3.14055E-05	0.000021529	0.00005293	0	0.000626423	0.000472913	0.001099336	0.00000000	0.000302939	0.000221247	0.00052419
608213.67	4200741.15	0.00000000	0.000354966	0.00022144	0.00057641	0.00000000	3.14802E-05	0.000021527	0.00005301	0	0.000629202	0.000471571	0.001100773	0.00000000	0.000305733	0.000220281	0.00052601
608206.8	4200862.75	0.00000000	0.000354491	0.000221787	0.00057628	0.00000000	3.12217E-05	0.000021574	0.00005280	0	0.000620016	0.000458027	0.001078043	0.00000000	0.000296763	0.000210729	0.00050749
608213.67	4200733.55	0.00000000	0.000354893	0.000221294	0.00057619	0.00000000	3.14921E-05	0.000021489	0.00005298	0	0.000629783	0.000468892	0.001098674	0.00000000	0.000306398	0.000218361	0.00052476
608213.67	4200779.15	0.00000000	0.000354818	0.000221263	0.00057608	0.00000000	3.13816E-05	0.000021513	0.00005290	0	0.000625642	0.000470233	0.001095875	0.00000000	0.000302222	0.000219318	0.00052154
608213.67	4200786.75	0.00000000	0.000354699	0.000221245	0.00057594	0.00000000	3.13553E-05	0.000021488	0.00005284	0	0.000624827	0.000467561	0.001092388	0.00000000	0.000301499	0.000217419	0.00051892
608206.8	4200870.35	0.00000000	0.000354118	0.000221658	0.00057578	0.00000000	3.11774E-05	0.000021565	0.00005274	0	0.000618922	0.000456728	0.00107565	0.00000000	0.000295997	0.000209876	0.00050587
608213.67	4200794.35	0.00000000	0.000354554	0.0002212	0.00057575	0.00000000	3.13272E-05	0.000021484	0.00005281	0	0.00062398	0.000466235	0.001090215	0.00000000	0.000300769	0.000216483	0.00051725
608213.67	4200801.95	0.00000000	0.00035438	0.000221195	0.00057558	0.00000000	3.12969E-05	0.000021483	0.00005278	0	0.000623099	0.000464907	0.001088006	0.00000000	0.000300032	0.000215552	0.00051558
608213.67	4200809.55	0.00000000	0.00035418	0.000221087	0.00057527	0.00000000	3.12648E-05	0.000021476	0.00005274	0	0.000622191	0.00046359	0.001085781	0.00000000	0.000299291	0.000214634	0.00051393
608213.67	4200817.15	0.00000000	0.000353955	0.000220951	0.00057491	0.00000000	3.1231E-05	0.000021462	0.00005269	0	0.000621259	0.000462283	0.001083541	0.00000000	0.000298551	0.000213731	0.00051228
608213.67	4200824.75	0.00000000	0.000353705	0.00022086	0.00057457	0.00000000	3.11954E-05	0.000021441	0.00005264	0	0.000620294	0.00046097	0.001081264	0.00000000	0.0002978	0.000212829	0.00051063
608213.67	4200832.35	0.00000000	0.000353437	0.000220867	0.00057430	0.00000000	3.11587E-05	0.000021441	0.00005260	0	0.000619322	0.000459679	0.001079002	0.00000000	0.00029706	0.000211952	0.00050901
608213.67	4200839.95	0.00000000	0.000353161	0.000220827	0.00057399	0.00000000	3.11216E-05	0.000021436	0.00005256	0	0.000618346	0.000458405	0.00107675	0.00000000	0.000296323	0.000211085	0.00050741
608213.67	4200847.55	0.00000000	0.000352859	0.000220734	0.00057359	0.00000000	3.10827E-05	0.000021435	0.00005252	0	0.000617344	0.000457133	0.001074477	0.00000000	0.000295584	0.000210227	0.00050581
608220.54	4200748.75	0.00000000	0.000352761	0.000220443	0.00057320	0.00000000	3.12398E-05	0.000021393	0.00005263	0	0.000623567	0.000471642	0.001095208	0.00000000	0.000302062	0.000220536	0.00052260
608220.54	4200756.35	0.00000000	0.000352744	0.000220455	0.00057320	0.00000000	3.12217E-05	0.000021394	0.00005262	0	0.000622894	0.000472955	0.001095849	0.00000000	0.000301387	0.000221486	0.00052287
608213.67	4200855.15	0.00000000	0.000352525	0.000220605	0.00057313	0.00000000	3.10415E-05	0.000021427	0.00005247	0	0.000616305	0.000455856	0.001072161	0.00000000	0.000294837	0.000209380	0.00050422
608220.54	4200763.95	0.00000000	0.000352704	0.000220384	0.00057309	0.00000000	3.12019E-05	0.000021390	0.00005259	0	0.000622195	0.000470323	0.001092518	0.00000000	0.000300709	0.000219590	0.00052030
608220.54	4200741.15	0.00000000	0.000352745	0.000220259	0.00057300	0.00000000	3.12554E-05	0.000021387	0.00005264	0	0.000624194	0.000468999	0.001093193	0.00000000	0.000302721	0.000218644	0.00052136
608220.54	4200771.55	0.00000000	0.000352641	0.000220224	0.00057286	0.00000000	3.11803E-05	0.000021383	0.00005256	0	0.000621468	0.000467689	0.001089157	0.00000000	0.000300024	0.000217710	0.00051773
608220.54	4200733.55	0.00000000	0.000352682	0.000220098	0.00057278	0.00000000	3.12674E-05	0.000021375	0.00005264	0	0.00062476	0.000466383	0.001091143	0.00000000	0.000303362	0.000216780	0.00052014
608213.67	4200862.75	0.00000000	0.000352169	0.000220486	0.00057266	0.00000000	3.09988E-05	0.000021426	0.00005242	0	0.000615244	0.000454581	0.001069825	0.00000000	0.000294089	0.000208542	0.00050263
608220.54	4200779.15	0.00000000	0.000352544	0.000220077	0.00057262	0.00000000	3.11564E-05	0.000021359	0.00005251	0	0.000620705	0.000465087	0.001085792	0.00000000	0.000299334	0.000215865	0.00051520
608220.54	4200786.75	0.00000000	0.000352421	0.00022011	0.00057253	0.00000000	3.11304E-05	0.000021347	0.00005248	0	0.000619904	0.000463788	0.001083692	0.00000000	0.000298629	0.000214948	0.00051358
608220.54	4200794.35	0.00000000	0.000352281	0.00022004	0.00057232	0.00000000	3.11035E-05	0.000021344	0.00005245	0	0.000619098	0.000462516	0.001081614	0.00000000	0.000297937	0.000214056	0.00051199
608213.67	4200870.35	0.00000000	0.000351796	0.000220451	0.00057225	0.00000000	3.0955E-05	0.000021409	0.00005236	0	0.00061417	0.000453316	0.001067486	0.00000000	0.000293345	0.000207718	0.00050106
608220.54	4200801.95	0.00000000	0.000352106	0.000220024	0.00057213	0.00000000	3.10738E-05	0.000021344	0.00005242	0	0.000618241	0.000461231	0.001079473	0.00000000	0.000297225	0.000213162	0.00051039
608220.54	4200809.55	0.00000000	0.000351901	0.000219907	0.00057181	0.00000000	3.1042E-05	0.000021338	0.00005238	0	0.000617351	0.000459953	0.001077304	0.00000000	0.000296508	0.000212278	0.00050879
608220.54	4200817.15	0.00000000	0.000351672	0.000219842	0.00057151	0.00000000	3.10084E-05	0.000021338	0.00005235	0	0.000616436	0.000458679	0.001075115	0.00000000	0.000295788	0.000211404	0.00050719
608220.54	4200824.75	0.00000000	0.000351419	0.000219773	0.00057119	0.00000000	3.09732E-05	0.000021324	0.00005230	0	0.000615493	0.000457406	0.001072899	0.00000000	0.000295063	0.000210538	0.00050560
608220.54	4200832.35	0.00000000	0.000351141	0.000219701	0.00057084	0.00000000	3.09363E-05	0.000021300	0.00005224	0	0.000614528	0.000456142	0.001070671	0.00000000	0.000294339	0.000209686	0.00050403
608220.54	4200839.95	0.00000000	0.000350865	0.000219698	0.00057056	0.00000000	3.08999E-05	0.000021298	0.00005220	0	0.000613578	0.000454907	0.001068485	0.00000000	0.000293628	0.000208852	0.00050248
608220.54	4200847.55	0.00000000	0.000350562	0.000219661	0.00057022	0.00000000	3.08614E-05	0.000021296	0.00005216	0	0.000612594	0.000453672	0.001066266	0.00000000	0.00029291	0.000208026	0.00050094
608227.41	4200748.75	0.00000000	0.000350553	0.000219297	0.00056985	0.00000000	3.10182E-05	0.000021253	0.00005227	0	0.000618657	0.000468983	0.00108764	0.00000000	0.000299138	0.000218828	0.00051797
608227.41	4200756.35	0.00000000	0.000350532	0.000219294	0.00056983	0.00000000	3.10004E-05	0.000021253	0.00005225	0	0.000618004	0.000467709	0.001085713	0.00000000	0.000298488	0.000217914	0.00051640
608227.41	4200741.15	0.00000000	0.000350538	0.000219266	0.00056980	0.00000000	3.10331E-05	0.000021249	0.00005228	0	0.000619257	0.000466438	0.001085694	0.00000000	0.000299767	0.000217009	0.00051678

608220.54	4200855.15	0.00000000	0.000350229	0.000219559	0.00056979	0.00000000	3.08208E-05	0.000021294	0.00005211	0	0.000611578	0.000452431	0.001064009	0.00000000	0.000292186	0.000207207	0.00049939
608227.41	4200763.95	0.00000000	0.000350481	0.000219213	0.00056969	0.00000000	3.09804E-05	0.000021249	0.00005223	0	0.000617315	0.000465157	0.001082473	0.00000000	0.000297831	0.000216099	0.00051393
608227.41	4200771.55	0.00000000	0.000350404	0.000219093	0.00056950	0.00000000	3.09585E-05	0.000021239	0.00005220	0	0.000616599	0.00046388	0.001080479	0.00000000	0.000297169	0.000215196	0.00051236
608227.41	4200733.55	0.00000000	0.000350484	0.000218945	0.00056943	0.00000000	3.10451E-05	0.000021239	0.00005228	0	0.000619808	0.000462615	0.001082422	0.00000000	0.000300384	0.000214306	0.00051469
608220.54	4200862.75	0.00000000	0.000349872	0.000219435	0.00056931	0.00000000	3.07787E-05	0.000021288	0.00005207	0	0.00061054	0.00045119	0.00106173	0.00000000	0.000291463	0.000206399	0.00049786
608227.41	4200779.15	0.00000000	0.000350294	0.000218921	0.00056922	0.00000000	3.09341E-05	0.000021231	0.00005217	0	0.000615839	0.000461344	0.001077183	0.00000000	0.000296495	0.000213416	0.00050991
608227.41	4200786.75	0.00000000	0.000350167	0.000218891	0.00056906	0.00000000	3.09085E-05	0.000021208	0.00005212	0	0.000615061	0.00046009	0.001075151	0.00000000	0.000295819	0.000212540	0.00050836
608227.41	4200794.35	0.00000000	0.000350021	0.000218935	0.00056896	0.00000000	3.08816E-05	0.000021206	0.00005209	0	0.000614266	0.000458847	0.001073113	0.00000000	0.000295142	0.000211673	0.00050682
608220.54	4200870.35	0.00000000	0.000349498	0.000219325	0.00056882	0.00000000	3.07352E-05	0.000021283	0.00005202	0	0.000609481	0.000449954	0.001059436	0.00000000	0.000290735	0.000205599	0.00049633
608227.41	4200801.95	0.00000000	0.000349851	0.000218863	0.00056871	0.00000000	3.08531E-05	0.000021204	0.00005206	0	0.000613445	0.000457613	0.001071058	0.00000000	0.000294463	0.000210818	0.00050528
608227.41	4200809.55	0.00000000	0.000349645	0.000218794	0.00056844	0.00000000	3.08219E-05	0.000021201	0.00005202	0	0.00061258	0.000456377	0.001068957	0.00000000	0.000293773	0.000209970	0.00050374
608227.41	4200817.15	0.00000000	0.000349412	0.000218748	0.00056816	0.00000000	3.07886E-05	0.000021197	0.00005199	0	0.000611681	0.000455136	0.001066817	0.00000000	0.000293074	0.000209125	0.00050220
608227.41	4200824.75	0.00000000	0.000349156	0.000218604	0.00056776	0.00000000	3.07537E-05	0.000021196	0.00005195	0	0.000610757	0.000453899	0.001064656	0.00000000	0.000292371	0.000208289	0.00050066
608227.41	4200832.35	0.00000000	0.000348879	0.000218553	0.00056743	0.00000000	3.07174E-05	0.000021189	0.00005191	0	0.000609815	0.00045267	0.001062485	0.00000000	0.00029167	0.000207467	0.00049914
608227.41	4200839.95	0.00000000	0.00034859	0.000218543	0.00056713	0.00000000	3.06806E-05	0.000021162	0.00005184	0	0.000608871	0.000451463	0.001060334	0.00000000	0.000290977	0.000206662	0.00049764
608227.41	4200847.55	0.00000000	0.000348285	0.000218507	0.00056679	0.00000000	3.06425E-05	0.000021159	0.00005180	0	0.000607903	0.000450257	0.00105816	0.00000000	0.000290276	0.000205861	0.00049614
608234.28	4200748.75	0.00000000	0.000348356	0.000218176	0.00056653	0.00000000	3.07984E-05	0.000021141	0.00005194	0	0.000613801	0.000463841	0.001077642	0.00000000	0.000296259	0.000215349	0.00051161
608227.41	4200855.15	0.00000000	0.000347956	0.000218537	0.00056649	0.00000000	3.06029E-05	0.000021158	0.00005176	0	0.000606917	0.000449058	0.001055974	0.00000000	0.000289579	0.000205075	0.00049465
608234.28	4200741.15	0.00000000	0.000348346	0.000218144	0.00056649	0.00000000	3.08131E-05	0.000021114	0.00005193	0	0.000614381	0.000461375	0.001075757	0.00000000	0.000296864	0.000213607	0.00051047
608234.28	4200756.35	0.00000000	0.000348331	0.000218154	0.00056649	0.00000000	3.07811E-05	0.000021116	0.00005190	0	0.000613173	0.000462609	0.001075783	0.00000000	0.000295639	0.000214477	0.00051012
608234.28	4200763.95	0.00000000	0.00034828	0.000218105	0.00056638	0.00000000	3.07618E-05	0.000021112	0.00005187	0	0.000612514	0.000460146	0.00107266	0.00000000	0.000295012	0.000212744	0.00050776
608234.28	4200771.55	0.00000000	0.000348197	0.000218053	0.00056625	0.00000000	3.07401E-05	0.000021109	0.00005185	0	0.000611812	0.000458916	0.001070727	0.00000000	0.000294371	0.000211885	0.00050626
608234.28	4200779.15	0.00000000	0.000348084	0.000217941	0.00056602	0.00000000	3.0716E-05	0.000021104	0.00005182	0	0.00061107	0.000457683	0.001068753	0.00000000	0.000293718	0.000211027	0.00050475
608227.41	4200862.75	0.00000000	0.000347599	0.000218401	0.00056600	0.00000000	3.05611E-05	0.000021153	0.00005171	0	0.000605895	0.000447847	0.001053742	0.00000000	0.000288873	0.000204292	0.00049316
608234.28	4200786.75	0.00000000	0.000347944	0.000217801	0.00056575	0.00000000	3.069E-05	0.000021098	0.00005179	0	0.000610296	0.000456457	0.001066753	0.00000000	0.000293058	0.000210178	0.00050324
608234.28	4200794.35	0.00000000	0.000347784	0.000217776	0.00056556	0.00000000	3.06627E-05	0.000021070	0.00005173	0	0.000609507	0.000455247	0.001064754	0.00000000	0.000292402	0.000209346	0.00050175
608227.41	4200870.35	0.00000000	0.000347224	0.000218275	0.00056550	0.00000000	3.05183E-05	0.000021152	0.00005167	0	0.00060486	0.000446647	0.001051507	0.00000000	0.000288171	0.000203523	0.00049169
608234.28	4200801.95	0.00000000	0.000347618	0.000217752	0.00056537	0.00000000	3.06351E-05	0.000021070	0.00005170	0	0.000608716	0.000454054	0.00106277	0.00000000	0.000291749	0.000208523	0.00050027
608234.28	4200809.55	0.00000000	0.000347412	0.000217774	0.00056519	0.00000000	3.06045E-05	0.000021070	0.00005167	0	0.000607877	0.000452858	0.001060735	0.00000000	0.000291085	0.000207709	0.00049879
608234.28	4200817.15	0.00000000	0.000347178	0.000217714	0.00056489	0.00000000	3.05718E-05	0.000021066	0.00005164	0	0.000607001	0.000451657	0.001058658	0.00000000	0.00029041	0.000206897	0.00049731
608234.28	4200824.75	0.00000000	0.000346915	0.0002176	0.00056452	0.00000000	3.05369E-05	0.000021065	0.00005160	0	0.000606086	0.000450446	0.001056532	0.00000000	0.000289724	0.000206085	0.00049581
608234.28	4200832.35	0.00000000	0.000346636	0.00021748	0.00056412	0.00000000	3.0501E-05	0.000021056	0.00005156	0	0.000605164	0.000449253	0.001054417	0.00000000	0.000289045	0.000205294	0.00049434
608234.28	4200839.95	0.00000000	0.000346336	0.000217416	0.00056375	0.00000000	3.04637E-05	0.000021055	0.00005152	0	0.000604219	0.000448067	0.001052286	0.00000000	0.000288363	0.000204511	0.00049287
608240.38	4200722.19	0.00000000	0.000346297	0.00021726	0.00056356	0.00000000	3.06478E-05	0.000021018	0.00005167	0	0.000611382	0.000463481	0.001074862	0.00000000	0.000295748	0.000215238	0.00051099
608234.28	4200847.55	0.00000000	0.000346025	0.000217449	0.00056347	0.00000000	3.04257E-05	0.000021041	0.00005147	0	0.000603265	0.000446889	0.001050154	0.00000000	0.000287682	0.000203735	0.00049142
608240.73	4200729.53	0.00000000	0.000346256	0.000217126	0.00056338	0.00000000	3.06277E-05	0.000021014	0.00005164	0	0.000610675	0.000462113	0.001072788	0.00000000	0.000295062	0.000214284	0.00050935
608241.15	4200748.75	0.00000000	0.000346174	0.000217036	0.00056321	0.00000000	3.05809E-05	0.000021001	0.00005158	0	0.000609008	0.000460042	0.00106905	0.00000000	0.000293431	0.000212838	0.00050627
608241.15	4200741.15	0.00000000	0.000346178	0.000217022	0.00056320	0.00000000	3.0596E-05	0.000020981	0.00005158	0	0.000609581	0.000458845	0.001068426	0.00000000	0.000294015	0.000212000	0.00050602
608241.15	4200756.35	0.00000000	0.000346146	0.000217007	0.00056315	0.00000000	3.05639E-05	0.000020978	0.00005154	0	0.000608397	0.000457647	0.001066044	0.00000000	0.000292831	0.000211161	0.00050399
608234.28	4200855.15	0.00000000	0.000345701	0.000217404	0.00056310	0.00000000	3.0387E-05	0.000021026	0.00005141	0	0.000602306	0.000445728	0.001048034	0.00000000	0.000287008	0.000202978	0.00048999
608241.15	4200763.95	0.00000000	0.000346097	0.000216957	0.00056305	0.00000000	3.05456E-05	0.000020977	0.00005152	0	0.00060777	0.000456467	0.001064237	0.00000000	0.000292234	0.000210338	0.00050257
608241.15	4200771.55	0.00000000	0.000346014	0.000216912	0.00056293	0.00000000	3.05245E-05	0.000020971	0.00005150	0	0.000607094	0.000455279	0.001062373	0.00000000	0.000291621	0.000209512	0.00050113
608234.28	4200862.75	0.00000000	0.000345349	0.000217363	0.00056271	0.00000000	3.03462E-05	0.000021023	0.00005137	0	0.000601312	0.000444554	0.001045866	0.00000000	0.000286326	0.000202223	0.00048855
608241.15	4200779.15	0.00000000	0.000345895	0.000216798	0.00056269	0.00000000	3.05007E-05	0.000020971	0.00005147	0	0.000606374	0.00045409	0.001060463	0.00000000	0.000290995	0.000208694	0.00049969
608241.15	4200786.75	0.00000000	0.000345747	0.000216667	0.00056241	0.00000000	3.04747E-05	0.000020959	0.00005143	0	0.000605615	0.0004529	0.001058515	0.00000000	0.000290359	0.000207879	0.00049824
608234.28	4200870.35	0.00000000	0.000344976	0.000217256	0.00056223	0.00000000	3.0304E-05	0.000021021	0.00005133	0	0.000600299	0.000443388	0.001043687	0.00000000	0.000285643	0.000201481	0.00048712
608241.15	4200794.35	0.00000000	0.000345581	0.000216641	0.00056222	0.00000000	3.04475E-05	0.000020935	0.00005138	0	0.000604839	0.000451718	0.001056557	0.00000000	0.00028972	0.000207072	0.00049679
608241.15	4200801.95	0.00000000	0.000345408	0.000216625	0.00056203	0.00000000	3.04199E-05	0.000020934	0.00005135	0	0.000604057	0.000450555	0.001054612	0.00000000	0.000289084	0.000206276	0.00049536
608241.15	4200809.55	0.00000000	0.000345201	0.00021663	0.00056183	0.00000000	3.03897E-05	0.000020932	0.00005132	0	0.000603236	0.000449395	0.001052631	0.00000000	0.000288441	0.000205491	0.00049393
608241.15	4200817.15	0.00000000	0.000344964	0.000216575	0.00056154	0.00000000	3.03573E-05	0.000020928	0.00005129	0	0.000602377	0.000448227	0.001050604	0.00000000	0.000287786	0.000204708	0.00049249
608241.15	4200824.75	0.00000000	0.000344701	0.000216462	0.00056116	0.00000000	3.0323E-05	0.000020923	0.00005125	0	0.000601487	0.000447054	0.001048541	0.00000000	0.000287124	0.000203928	0.00049105
608241.15	4200832.35	0.00000000	0.000344419	0.00021629	0.00056071	0.00000000	3.02875E-05	0.000020918	0.00005121	0	0.000600581	0.000445891	0.001046472	0.00000000	0.000286465	0.000203162	0.00048963
608241.15	4200839.95	0.00000000	0.000344113	0.000216308	0.00056042	0.00000000	3.02502E-05	0.000020891	0.00005114	0	0.000599648	0.000444733	0.001044381	0.00000000	0.0002858	0.000202405	0.00048821
608241.15	4200847.55	0.00000000	0.000343794	0.000216274	0.00056007	0.00000000	3.0212E-05	0.000020890	0.00005110	0	0.000598699	0.000443581	0.00104228	0.00000000	0.000285132	0.000201654	0.00048679
608248.02	4200741.15	0.00000000	0.000344037	0.000215906	0.00055994	0.00000000	3.03822E-05	0.000020863	0.00005125	0	0.000604862	0.000456317	0.001061179	0.00000000	0.000291223	0.000210386	0.00050161
608248.02	4200748.75	0.00000000	0.000344019	0.0002159	0.00055992	0.00000000	3.03666E-05	0.000020847	0.00005121	0	0.000604292	0.000455149	0.001059441	0.00000000	0.000290655	0.000209577	0.00050023
608248.02	4200756.35	0.00000000	0.000343987	0.000215879	0.00055987	0.00000000	3.03501E-05	0.000020845	0.00005119	0	0.000603708	0.000453997	0.001057704	0.00000000	0.000290086	0.000208778	0.00049886
608248.02	4200763.95	0.00000000	0.000343936	0.00021582	0.00055976	0.00000000	3.03321E-05	0.000020842	0.00005117	0	0.000603098	0.000452853	0.001055951	0.00000000	0.00028951	0.000207985	0.00049750
608241.15	4200855.15	0.00000000	0.00034346	0.000216231	0.00055969	0.00000000	3.01729E-05	0.000020886	0.00005106	0	0.000597744	0.00044244	0.001040184	0.00000000	0.000284473	0.000200919	0.00048539
608248.02	4200771.55	0.00000000	0.000343849	0.000215782	0.00055963	0.00000000	3.03113E-05	0.000020839	0.00005115	0	0.000602439	0.000451701	0.00105414	0.00000000	0.000288917	0.000207190	0.00049611
608248.02	4200779.15	0.00000000	0.000343724	0.000215665	0.00055939	0.00000000	3.02877E-05	0.000020835	0.00005112	0	0.000601734	0.000450547	0.001052281	0.00000000	0.000288313	0.000206402	0.00049472
608241.15	4200862.75	0.00000000	0.000343116	0.000216122	0.00055924	0.00000000	3.01333E-05	0.000020885	0.00005102	0	0.000596784	0.000441307	0.001038091	0.00000000	0.000283817	0.000200194	0.00048401
608248.02	4200786.75	0.00000000	0.000343571	0.000215539	0.00055911	0.00000000	3.0262E-05	0.000020822	0.00005108	0	0.000600995	0.000449396	0.001050391	0.00000000	0.000287702	0.000205623	0.00049332
608248.02	4200794.35	0.00000000	0.000343401	0.00021552	0.00055892	0.00000000	3.02349E-05	0.000020802	0.00005104	0	0.000600229	0.000448243	0.001048473	0.00000000	0.000287079	0.000204839	0.00049192
608248.07	4200730.93	0.00000000	0.000343995	0.00021479	0.00055879	0.00000000	3.03976E-05	0.000020727	0.00005112	0	0.000605528	0.00045786	0.001063388	0.00000000	0.000291946	0.000211459	0.00050341
608241.15	4200870.35	0.00000000	0.000342746	0.000215987	0.00055873	0.00000000	3.00918E-05	0.000020877	0.00005097	0	0.000595793	0.000440172	0.001035965	0.00000000	0.000283154	0.000199477	0.00048263
608248.02	4200801.95	0.00000000	0.000343214	0.000215508	0.00055872	0.00000000	3.02067E-05	0.000020800	0.00005101	0	0.000599453	0.000447109	0.001046562	0.00000000	0.000286461	0.000204073	0.00049053
608248.42	4200723.59	0.00000000	0.000343835	0.000214792	0.00055863	0.00000000	3.03963E-05	0.000020715	0.00005111	0	0.000605742	0.000458797	0.00106454	0.00000000	0.00029232	0.000212118	0.00050444
608248.02	4200809.55	0.00000000	0.000343006	0.0002155	0.00055851	0.00000000	3.01771E-05	0.000020800	0.00005098	0	0.000598653	0.000445984	0.001044637	0.00000000	0.00028584	0.000203318	0.00048916
608248.02	4200817.15	0.00000000	0.000342768	0.000215445	0.00055821	0.00000000	3.01452E-05	0.000020794	0.00005094	0	0.000597813	0.00044485	0.001042662	0.00000000	0.000285205	0.000202562	0.00048777
608248.02	4200824.75	0.00000000	0.000342506	0.000215335	0.00055784	0.00000000	3.01115E-05	0.000020793	0.00005090	0	0.000596947	0.000443714	0.00104066	0.00000000	0.000284568	0.000201812	0.00048638
608248.02	4200832.35	0.00000000	0.000342222	0.000215171	0.00055739	0.00000000	3.00762E-05	0.000020782	0.00005086	0	0.000596054	0.000442579	0.001038633	0.00000000	0.000283924	0.000201070	0.00048499
608248.02	4200839.95	0.00000000	0.000341917	0.000215157	0.00055707	0.00000000	3.00396E-05	0.000020758	0.00005080	0	0.000595143	0.000441456	0.001036599	0.00000000	0.000283281	0.000200342	0.00048362
608248.02	4200847.55	0.00000000	0.00034159	0.000215178	0.00055677	0.00000000	3.00013E-05	0.000020758	0.00005076	0	0.000594205	0.000440331	0.001034536	0.00000000	0.000282632	0.000199618	0.00048225
608254.89	4200741.15	0.00000000	0.00034192	0.000214761	0.00055668	0.00000000	3.01713E-05	0.000020714	0.00005089	0	0.000600219	0.000452663	0.001052882	0.00000000	0.000288486	0.000207990	0.00049648
608254.89	4200748.75	0.00000000	0.000341895	0.000214686	0.00055658	0.00000000	3.01558E-05	0.000020710	0.00005087	0	0.000599663	0.000451531	0.001051195	0.00000000	0.00028794	0.000207214	0.00049515
608254.89	4200756.35	0.00000000	0.000341853	0.000214664	0.00055652	0.00000000	3.01391E-05	0.000020709	0.00005085	0	0.000599085	0.000450409	0.001049494	0.00000000	0.000287387	0.000206442	0.00049383
608248.02	4200855.15	0.00000000	0.000341251	0.000215107	0.00055636	0.00000000	2.99623E-05	0.000020755	0.00005072	0	0.000593258	0.000439212	0.00103247	0.00000000	0.000281985	0.000198902	0.00048089
608254.89	4200763.95	0.00000000	0.000341791	0.000214541	0.00055633	0.00000000	3.01209E-05	0.000020701	0.00005082	0	0.000598488	0.000449298	0.001047786	0.00000000	0.000286833	0.000205682	0.00049251
608254.89	4200771.55	0.00000000	0.000341702	0.000214427	0.00055613	0.00000000	3.01006E-05	0.000020687	0.00005079	0	0.000597851	0.000448188	0.001046039	0.00000000	0.000286265	0.000204922	0.00049119
608254.89	4200779.15	0.00000000	0.000341575	0.000214404	0.00055598	0.00000000	3.00774E-05	0.000020672	0.00005075	0	0.000597165	0.000447069	0.001044234	0.00000000	0.000285683	0.000204163	0.00048985
608248.02	4200862.75	0.00000000	0.0003409	0.000215	0.00055590	0.00000000	2.99225E-05	0.000020752	0.00005067	0	0.000592304	0.000438102	0.001030406	0.00000000	0.000281342	0.000198199	0.00047954
608254.89	4200786.75	0.00000000	0.00034142	0.000214408	0.00055583	0.00000000	3.0052E-05	0.000020669	0.00005072	0	0.00059644	0.000445947	0.001042387	0.00000000	0.000285088	0.000203406	0.00048849
608254.89	4200794.35	0.00000000	0.000341242	0.000214373	0.00055562	0.00000000	3.00248E-05	0.000020668	0.00005069	0	0.000595686	0.000444828	0.001040514	0.00000000	0.000284484	0.000202655	0.00048714
608255.41	4200731.98	0.00000000	0.000341749	0.000213686	0.00055544	0.00000000	3.01708E-05	0.000020585	0.00005076	0	0.000600483	0.000453749	0.001054231	0.00000000	0.00028892	0.000208748	0.00049767
608248.02	4200870.35	0.00000000	0.000340535	0.000214857	0.00055539	0.00000000	2.98818E-05	0.000020741	0.00005062	0	0.000591335	0.000436996	0.001028331	0.00000000	0.000280697	0.000197502	0.00047820
608254.89	4200801.95	0.00000000	0.000341041	0.000214325	0.00055537	0.00000000	2.99962E-05	0.000020664	0.00005066	0	0.000594912	0.000443719	0.00103863	0.00000000	0.000283882	0.000201916	0.00048580
608255.76	4200725.34	0.00000000	0.0003416	0.000213652	0.00055525	0.00000000	3.01686E-05	0.000020584	0.00005075	0	0.000600643	0.000454543	0.001055186	0.00000000	0.000289227	0.000209303	0.00049853
608254.89	4200809.55	0.00000000	0.000340829	0.000214217	0.00055505	0.00000000	2.99667E-05	0.000020660	0.00005063	0	0.000594124	0.000442622	0.001036746	0.00000000	0.000283277	0.000201183	0.00048446
608254.89	4200817.15	0.00000000	0.000340592	0.000214057	0.00055465	0.00000000	2.99354E-05	0.000020647	0.00005058	0	0.000593308	0.000441524	0.001034832	0.00000000	0.000282667	0.000200458	0.00048312
608254.89	4200824.75	0.00000000	0.000340334	0.00021405	0.00055438	0.00000000	2.99027E-05	0.000020631	0.00005053	0	0.000592471	0.000440429	0.001032901	0.00000000	0.000282056	0.000199742	0.00048180
608254.89	4200832.35	0.00000000	0.000340046	0.000214058	0.00055410	0.00000000	2.98676E-05	0.000020628	0.00005050	0	0.000591591	0.000439321	0.001030912	0.00000000	0.000281428	0.000199022	0.00048045
608254.89	4200839.95	0.00000000	0.00033974	0.000213992	0.00055373	0.00000000	2.98312E-05	0.000020626	0.00005046	0	0.000590695	0.000438226	0.001028921	0.00000000	0.000280801	0.000198318	0.00047912
608261.76	4200741.15	0.00000000	0.000339823	0.000213556	0.00055338	0.00000000	2.99631E-05	0.000020581	0.00005054	0	0.000595645	0.000449074	0.001044719	0.00000000	0.000285801	0.000205648	0.00049145
608261.76	4200748.75	0.00000000	0.000339794	0.000213563	0.00055336	0.00000000	2.99479E-05	0.000020578	0.00005053	0	0.000595106	0.000447977	0.001043084	0.00000000	0.000285276	0.000204902	0.00049018
608254.89	4200847.55	0.00000000	0.000339414	0.000213888	0.00055330	0.00000000	2.97935E-05	0.000020625	0.00005042	0	0.000589776	0.000437132	0.001026908	0.00000000	0.000280171	0.000197617	0.00047779
608261.76	4200756.35	0.00000000	0.000339739	0.000213431	0.00055317	0.00000000	2.99307E-05	0.000020569	0.00005050	0	0.000594532	0.000446883	0.001041415	0.00000000	0.000284739	0.000204158	0.00048890
608261.76	4200763.95	0.00000000	0.000339665	0.000213326	0.00055299	0.00000000	2.9912E-05	0.000020554	0.00005047	0	0.000593936	0.000445797	0.001039733	0.00000000	0.000284199	0.000203422	0.00048762
608254.89	4200855.15	0.00000000	0.000339068	0.000213875	0.00055294	0.00000000	2.97544E-05	0.000020620	0.00005037	0	0.000588837	0.000436036	0.001024872	0.00000000	0.000279539	0.000196924	0.00047646
608261.76	4200771.55	0.00000000	0.000339572	0.000213307	0.00055288	0.00000000	2.98921E-05	0.000020542	0.00005043	0	0.000593319	0.000444726	0.001038046	0.00000000	0.000283655	0.000202696	0.00048635
608261.76	4200779.15	0.00000000	0.000339443	0.000213306	0.00055275	0.00000000	2.98691E-05	0.000020541	0.00005041	0	0.000592646	0.000443636	0.001036282	0.00000000	0.000283087	0.000201960	0.00048505
608261.76	4200786.75	0.00000000	0.000339286	0.000213259	0.00055255	0.00000000	2.98443E-05	0.000020537	0.00005038	0	0.000591946	0.000442556	0.001034502	0.00000000	0.000282519	0.000201239	0.00048376
608254.89	4200862.75	0.00000000	0.00033871	0.00021374	0.00055245	0.00000000	2.97145E-05	0.000020608	0.00005032	0	0.00058789	0.000434949	0.001022838	0.00000000	0.000278909	0.000196244	0.00047515
608261.76	4200794.35	0.00000000	0.000339105	0.00021322	0.00055232	0.00000000	2.98174E-05	0.000020537	0.00005035	0	0.000591208	0.000441467	0.001032675	0.00000000	0.000281936	0.000200514	0.00048245
608254.89	4200870.35	0.00000000	0.000338345	0.000213691	0.00055204	0.00000000	2.96743E-05	0.000020592	0.00005027	0	0.000586941	0.000433875	0.001020815	0.00000000	0.000278286	0.000195574	0.00047386
608261.76	4200801.95	0.00000000	0.000338897	0.000213111	0.00055201	0.00000000	2.97886E-05	0.000020529	0.00005032	0	0.000590439	0.000440383	0.001030822	0.00000000	0.000281347	0.000199798	0.00048114
608261.76	4200809.55	0.00000000	0.000338675	0.00021296	0.00055163	0.00000000	2.97589E-05	0.000020515	0.00005027	0	0.000589661	0.000439315	0.001028976	0.00000000	0.00028076	0.000199094	0.00047985
608261.76	4200817.15	0.00000000	0.000338434	0.000212952	0.00055139	0.00000000	2.97277E-05	0.000020500	0.00005023	0	0.000588854	0.000438241	0.001027095	0.00000000	0.000280163	0.000198388	0.00047855
608261.76	4200824.75	0.00000000	0.000338179	0.000212952	0.00055113	0.00000000	2.96957E-05	0.000020498	0.00005019	0	0.000588041	0.000437182	0.001025223	0.00000000	0.000279573	0.000197700	0.00047727
608261.76	4200832.35	0.00000000	0.000337893	0.000212887	0.00055078	0.00000000	2.96613E-05	0.000020498	0.00005016	0	0.000587185	0.00043611	0.001023295	0.00000000	0.000278969	0.000197010	0.00047598
608261.76	4200839.95	0.00000000	0.000337585	0.000212786	0.00055037	0.00000000	2.96253E-05	0.000020496	0.00005012	0	0.000586304	0.000435044	0.001021347	0.00000000	0.00027836	0.000196329	0.00047469
608268.63	4200741.15	0.00000000	0.00033773	0.000212551	0.00055028	0.00000000	2.97561E-05	0.000020455	0.00005021	0	0.000591108	0.000445528	0.001036636	0.00000000	0.00028315	0.000203348	0.00048650
608268.63	4200748.75	0.00000000	0.0003377	0.000212458	0.00055016	0.00000000	2.97414E-05	0.000020454	0.00005020	0	0.000590591	0.000444469	0.001035059	0.00000000	0.000282647	0.000202630	0.00048528
608268.63	4200756.35	0.00000000	0.000337646	0.00021246	0.00055011	0.00000000	2.97248E-05	0.000020449	0.00005017	0	0.00059004	0.000443414	0.001033454	0.00000000	0.000282135	0.000201919	0.00048405
608261.76	4200847.55	0.00000000	0.000337257	0.00021277	0.00055003	0.00000000	2.9588E-05	0.000020489	0.00005008	0	0.000585403	0.000433979	0.001019382	0.00000000	0.000277749	0.000195654	0.00047340
608268.63	4200763.95	0.00000000	0.000337561	0.000212329	0.00054989	0.00000000	2.9706E-05	0.000020438	0.00005014	0	0.000589454	0.000442361	0.001031815	0.00000000	0.000281614	0.000201214	0.00048283
608268.63	4200771.55	0.00000000	0.000337469	0.00021224	0.00054971	0.00000000	2.96866E-05	0.000020422	0.00005011	0	0.000588857	0.000441323	0.00103018	0.00000000	0.00028109	0.000200513	0.00048160
608268.63	4200779.15	0.00000000	0.000337335	0.000212219	0.00054955	0.00000000	2.96638E-05	0.000020415	0.00005008	0	0.000588201	0.000440271	0.001028472	0.00000000	0.000280545	0.000199811	0.00048036
608261.76	4200855.15	0.00000000	0.000336914	0.000212639	0.00054955	0.00000000	2.95494E-05	0.000020477	0.00005003	0	0.000584483	0.000432914	0.001017397	0.00000000	0.000277134	0.000194985	0.00047212
608268.63	4200786.75	0.00000000	0.000337174	0.000212214	0.00054939	0.00000000	2.96392E-05	0.000020415	0.00005005	0	0.000587515	0.000439221	0.001026736	0.00000000	0.000279996	0.000199116	0.00047911
608261.76	4200862.75	0.00000000	0.000336549	0.000212598	0.00054915	0.00000000	2.95094E-05	0.000020460	0.00004997	0	0.000583541	0.000431845	0.001015386	0.00000000	0.000276517	0.000194322	0.00047084
608268.63	4200794.35	0.00000000	0.000336988	0.000212158	0.00054915	0.00000000	2.96124E-05	0.000020411	0.00005002	0	0.00058679	0.000438161	0.001024951	0.00000000	0.000279429	0.000198417	0.00047785
608268.63	4200801.95	0.00000000	0.000336779	0.000212128	0.00054891	0.00000000	2.9584E-05	0.000020409	0.00004999	0	0.000586038	0.000437108	0.001023146	0.00000000	0.000278858	0.000197725	0.00047658
608261.76	4200870.35	0.00000000	0.000336177	0.00021259	0.00054877	0.00000000	2.94691E-05	0.000020457	0.00004993	0	0.000582599	0.000430793	0.001013392	0.00000000	0.000275907	0.000193674	0.00046958
608268.63	4200809.55	0.00000000	0.000336545	0.000212015	0.00054856	0.00000000	2.95538E-05	0.000020400	0.00004995	0	0.000585259	0.00043606	0.001021319	0.00000000	0.000278284	0.000197043	0.00047533
608268.63	4200817.15	0.00000000	0.000336301	0.000211874	0.00054818	0.00000000	2.95229E-05	0.000020385	0.00004991	0	0.00058447	0.000435019	0.001019489	0.00000000	0.000277707	0.000196367	0.00047407
608268.63	4200824.75	0.00000000	0.00033605	0.000211866	0.00054792	0.00000000	2.94916E-05	0.000020373	0.00004986	0	0.000583677	0.00043399	0.001017667	0.00000000	0.000277135	0.000195700	0.00047283
608268.63	4200832.35	0.00000000	0.000335761	0.000211854	0.00054762	0.00000000	2.94575E-05	0.000020372	0.00004983	0	0.000582836	0.000432946	0.001015782	0.00000000	0.000276548	0.000195034	0.00047158
608268.63	4200839.95	0.00000000	0.000335451	0.000211795	0.00054725	0.00000000	2.94219E-05	0.000020368	0.00004979	0	0.000581973	0.000431911	0.001013885	0.00000000	0.000275959	0.000194380	0.00047034
608275.5	4200733.55	0.00000000	0.000335672	0.000211506	0.00054718	0.00000000	2.95646E-05	0.000020330	0.00004989	0	0.000587113	0.000443072	0.001030185	0.00000000	0.000281021	0.000201784	0.00048281
608275.5	4200741.15	0.00000000	0.000335656	0.000211463	0.00054712	0.00000000	2.95515E-05	0.000020329	0.00004988	0	0.000586635	0.000442041	0.001028675	0.00000000	0.000280545	0.000201094	0.00048164
608275.5	4200748.75	0.00000000	0.00033563	0.000211371	0.00054700	0.00000000	2.95377E-05	0.000020328	0.00004987	0	0.000586148	0.000441028	0.001027175	0.00000000	0.000280071	0.000200414	0.00048048
608275.5	4200756.35	0.00000000	0.000335575	0.000211371	0.00054695	0.00000000	2.95217E-05	0.000020321	0.00004984	0	0.00058562	0.00044001	0.00102563	0.00000000	0.000279581	0.000199732	0.00047931
608268.63	4200847.55	0.00000000	0.000335123	0.000211695	0.00054682	0.00000000	2.93848E-05	0.000020367	0.00004975	0	0.000581085	0.000430871	0.001011956	0.00000000	0.000275362	0.000193725	0.00046909
608275.5	4200763.95	0.00000000	0.000335488	0.000211234	0.00054672	0.00000000	2.95031E-05	0.000020309	0.00004981	0	0.000585048	0.000438987	0.001024035	0.00000000	0.000279078	0.000199052	0.00047813
608275.5	4200771.55	0.00000000	0.000335381	0.000211162	0.00054654	0.00000000	2.9483E-05	0.000020293	0.00004978	0	0.000584447	0.000437971	0.001022418	0.00000000	0.000278564	0.000198374	0.00047694
608268.63	4200855.15	0.00000000	0.000334778	0.000211678	0.00054646	0.00000000	2.93466E-05	0.000020361	0.00004971	0	0.000580181	0.000429832	0.001010013	0.00000000	0.000274765	0.000193078	0.00046784
608275.5	4200779.15	0.00000000	0.000335245	0.000211139	0.00054638	0.00000000	2.94607E-05	0.000020290	0.00004975	0	0.000583812	0.000436953	0.001020765	0.00000000	0.000278043	0.000197701	0.00047574
608275.5	4200786.75	0.00000000	0.000335082	0.000211133	0.00054621	0.00000000	2.94363E-05	0.000020289	0.00004972	0	0.00058314	0.000435933	0.001019073	0.00000000	0.000277509	0.000197030	0.00047454
608268.63	4200862.75	0.00000000	0.000334416	0.000211545	0.00054596	0.00000000	2.93072E-05	0.000020347	0.00004965	0	0.000579258	0.000428794	0.001008052	0.00000000	0.000274165	0.000192440	0.00046661
608275.5	4200794.35	0.00000000	0.000334892	0.000211067	0.00054596	0.00000000	2.94098E-05	0.000020286	0.00004970	0	0.000582429	0.000434905	0.001017334	0.00000000	0.000276962	0.000196358	0.00047332
608275.5	4200801.95	0.00000000	0.00033468	0.000211046	0.00054573	0.00000000	2.93817E-05	0.000020282	0.00004966	0	0.000581698	0.000433888	0.001015585	0.00000000	0.000276415	0.000195698	0.00047211
608268.63	4200870.35	0.00000000	0.000334037	0.000211516	0.00054555	0.00000000	2.92668E-05	0.000020331	0.00004960	0	0.000578323	0.000427761	0.001006083	0.00000000	0.000273567	0.000191810	0.00046538
608275.5	4200809.55	0.00000000	0.000334445	0.000210925	0.00054537	0.00000000	2.93518E-05	0.000020271	0.00004962	0	0.00058093	0.000432863	0.001013793	0.00000000	0.000275852	0.000195034	0.00047089
608275.5	4200817.15	0.00000000	0.000334195	0.000210803	0.00054500	0.00000000	2.93209E-05	0.000020256	0.00004958	0	0.000580151	0.000431849	0.001012	0.00000000	0.000275292	0.000194382	0.00046967
608275.5	4200824.75	0.00000000	0.000333935	0.000210789	0.00054472	0.00000000	2.92894E-05	0.000020248	0.00004954	0	0.000579363	0.000430843	0.001010206	0.00000000	0.000274733	0.000193738	0.00046847
608275.5	4200832.35	0.00000000	0.000333648	0.000210764	0.00054441	0.00000000	2.92559E-05	0.000020248	0.00004950	0	0.000578545	0.000429833	0.001008378	0.00000000	0.000274168	0.000193100	0.00046727
608282.37	4200733.55	0.00000000	0.000333644	0.000210435	0.00054408	0.00000000	2.93641E-05	0.000020205	0.00004957	0	0.000582724	0.000439635	0.001022359	0.00000000	0.00027846	0.000199562	0.00047802
608275.5	4200839.95	0.00000000	0.000333339	0.000210718	0.00054406	0.00000000	2.92208E-05	0.000020243	0.00004946	0	0.000577698	0.000428822	0.00100652	0.00000000	0.000273594	0.000192464	0.00046606
608282.37	4200741.15	0.00000000	0.000333618	0.000210388	0.00054401	0.00000000	2.93507E-05	0.000020203	0.00004955	0	0.000582251	0.000438628	0.001020879	0.00000000	0.000277998	0.000198895	0.00047689
608282.37	4200748.75	0.00000000	0.000333582	0.000210297	0.00054388	0.00000000	2.93367E-05	0.000020202	0.00004954	0	0.000581771	0.000437645	0.001019416	0.00000000	0.000277541	0.000198243	0.00047578
608282.37	4200756.35	0.00000000	0.000333521	0.000210293	0.00054381	0.00000000	2.93207E-05	0.000020195	0.00004952	0	0.000581252	0.000436656	0.001017908	0.00000000	0.000277067	0.000197586	0.00047465
608275.5	4200847.55	0.00000000	0.00033301	0.000210613	0.00054362	0.00000000	2.91841E-05	0.000020238	0.00004942	0	0.000576825	0.000427811	0.001004636	0.00000000	0.000273015	0.000191833	0.00046485
608282.37	4200763.95	0.00000000	0.000333428	0.000210155	0.00054358	0.00000000	2.93021E-05	0.000020182	0.00004948	0	0.000580687	0.00043566	0.001016347	0.00000000	0.000276577	0.000196928	0.00047350
608282.37	4200771.55	0.00000000	0.000333306	0.000210094	0.00054340	0.00000000	2.92813E-05	0.000020166	0.00004945	0	0.000580088	0.000434667	0.001014755	0.00000000	0.000276078	0.000196276	0.00047235
608275.5	4200855.15	0.00000000	0.000332664	0.000210594	0.00054326	0.00000000	2.91462E-05	0.000020234	0.00004938	0	0.000575936	0.0004268	0.001002736	0.00000000	0.000272434	0.000191210	0.00046364
608282.37	4200779.15	0.00000000	0.000333168	0.000210069	0.00054324	0.00000000	2.92594E-05	0.000020165	0.00004942	0	0.000579471	0.000433684	0.001013154	0.00000000	0.000275577	0.000195631	0.00047121
608282.37	4200786.75	0.00000000	0.000333007	0.000210059	0.00054307	0.00000000	2.92358E-05	0.000020164	0.00004940	0	0.000578822	0.000432699	0.001011521	0.00000000	0.000275066	0.000194989	0.00047005
608282.37	4200794.35	0.00000000	0.00033282	0.00020999	0.00054281	0.00000000	2.92099E-05	0.000020163	0.00004937	0	0.000578136	0.000431706	0.001009842	0.00000000	0.000274541	0.000194344	0.00046888
608275.5	4200862.75	0.00000000	0.000332301	0.000210462	0.00054276	0.00000000	2.91072E-05	0.000020219	0.00004933	0	0.000575028	0.000425784	0.001000812	0.00000000	0.000271849	0.000190590	0.00046244
608282.37	4200801.95	0.00000000	0.000332604	0.000209975	0.00054258	0.00000000	2.9182E-05	0.000020157	0.00004934	0	0.000577414	0.000430713	0.001008127	0.00000000	0.000274007	0.000193705	0.00046771
608275.5	4200870.35	0.00000000	0.000331923	0.000210444	0.00054237	0.00000000	2.90672E-05	0.000020207	0.00004927	0	0.000574108	0.000424778	0.000998886	0.00000000	0.000271267	0.000189982	0.00046125
608282.37	4200809.55	0.00000000	0.000332363	0.000209847	0.00054221	0.00000000	2.9152E-05	0.000020145	0.00004930	0	0.000576656	0.000429715	0.001006371	0.00000000	0.00027346	0.000193065	0.00046652
608282.37	4200817.15	0.00000000	0.000332107	0.000209739	0.00054185	0.00000000	2.91212E-05	0.000020129	0.00004925	0	0.000575888	0.000428726	0.001004613	0.00000000	0.000272917	0.000192436	0.00046535
608282.37	4200824.75	0.00000000	0.000331833	0.000209721	0.00054155	0.00000000	2.90889E-05	0.000020125	0.00004921	0	0.000575094	0.000427734	0.001002828	0.00000000	0.000272365	0.000191810	0.00046418
608282.37	4200832.35	0.00000000	0.000331556	0.000209688	0.00054124	0.00000000	2.90567E-05	0.000020124	0.00004918	0	0.00057431	0.000426763	0.001001073	0.00000000	0.000271825	0.000191199	0.00046302
608289.24	4200733.55	0.00000000	0.000331641	0.000209385	0.00054103	0.00000000	2.91665E-05	0.000020084	0.00004925	0	0.000578405	0.000436256	0.001014661	0.00000000	0.000275946	0.000197383	0.00047333
608289.24	4200741.15	0.00000000	0.000331605	0.000209322	0.00054093	0.00000000	2.9153E-05	0.000020079	0.00004923	0	0.00057794	0.000435283	0.001013222	0.00000000	0.000275503	0.000196747	0.00047225
608282.37	4200839.95	0.00000000	0.000331249	0.000209649	0.00054090	0.00000000	2.9022E-05	0.000020118	0.00004914	0	0.000573477	0.000425779	0.000999256	0.00000000	0.000271265	0.000190583	0.00046185
608289.24	4200748.75	0.00000000	0.000331553	0.000209229	0.00054078	0.00000000	2.91381E-05	0.000020075	0.00004921	0	0.000577454	0.000434319	0.001011774	0.00000000	0.000275054	0.000196116	0.00047117

608289.24	4200756.35	0.00000000	0.00033148	0.000209223	0.00054070	0.00000000	2.91216E-05	0.000020071	0.00004919	0	0.000576937	0.000433353	0.001010289	0.00000000	0.000274593	0.000195483	0.00047008
608289.24	4200763.95	0.00000000	0.000331387	0.000209086	0.00054047	0.00000000	2.91036E-05	0.000020057	0.00004916	0	0.000576396	0.000432395	0.001008791	0.00000000	0.000274127	0.000194856	0.00046898
608282.37	4200847.55	0.00000000	0.000330918	0.000209536	0.00054045	0.00000000	2.89857E-05	0.000020110	0.00004910	0	0.00057262	0.000424794	0.000997414	0.00000000	0.000270703	0.000189975	0.00046068
608289.24	4200771.55	0.00000000	0.000331261	0.000209037	0.00054030	0.00000000	2.90829E-05	0.000020045	0.00004913	0	0.000575805	0.000431427	0.001007232	0.00000000	0.000273642	0.000194225	0.00046787
608289.24	4200779.15	0.00000000	0.000331112	0.000209013	0.00054012	0.00000000	2.90605E-05	0.000020042	0.00004910	0	0.000575186	0.000430462	0.001005648	0.00000000	0.00027315	0.000193598	0.00046675
608282.37	4200855.15	0.00000000	0.000330571	0.000209515	0.00054009	0.00000000	2.89482E-05	0.000020108	0.00004906	0	0.000571745	0.000423808	0.000995554	0.00000000	0.000270137	0.000189373	0.00045951
608289.24	4200786.75	0.00000000	0.000330944	0.00020899	0.00053993	0.00000000	2.90366E-05	0.000020041	0.00004908	0	0.000574543	0.000429499	0.001004042	0.00000000	0.000272651	0.000192976	0.00046563
608289.24	4200794.35	0.00000000	0.000330761	0.000208929	0.00053969	0.00000000	2.90118E-05	0.000020040	0.00004905	0	0.000573886	0.000428548	0.001002435	0.00000000	0.000272152	0.000192364	0.00046452
608282.37	4200862.75	0.00000000	0.000330208	0.000209382	0.00053959	0.00000000	2.89096E-05	0.000020093	0.00004900	0	0.000570855	0.000422822	0.00099367	0.00000000	0.000269572	0.000188777	0.00045835
608289.24	4200801.95	0.00000000	0.000330542	0.000208911	0.00053945	0.00000000	2.8984E-05	0.000020033	0.00004902	0	0.000573176	0.000427581	0.001000757	0.00000000	0.000271633	0.000191746	0.00046338
608282.37	4200870.35	0.00000000	0.00032983	0.000209377	0.00053921	0.00000000	2.88698E-05	0.000020085	0.00004895	0	0.000569946	0.000421835	0.00099178	0.00000000	0.000269001	0.000188184	0.00045719
608289.24	4200809.55	0.00000000	0.000330304	0.00020878	0.00053908	0.00000000	2.89548E-05	0.000020020	0.00004898	0	0.000572442	0.000426617	0.000999059	0.00000000	0.000271108	0.000191133	0.00046224
608289.24	4200817.15	0.00000000	0.00033004	0.000208686	0.00053873	0.00000000	2.89236E-05	0.000020004	0.00004893	0	0.000571674	0.000425645	0.000997319	0.00000000	0.000270573	0.000190521	0.00046109
608289.24	4200824.75	0.00000000	0.00032976	0.000208663	0.00053842	0.00000000	2.88915E-05	0.000020004	0.00004890	0	0.000570895	0.000424681	0.000995576	0.00000000	0.000270041	0.000189921	0.00045996
608289.24	4200832.35	0.00000000	0.000329485	0.000208627	0.00053811	0.00000000	2.88598E-05	0.000020002	0.00004886	0	0.000570126	0.000423738	0.000993864	0.00000000	0.000269516	0.000189332	0.00045885
608296.11	4200733.55	0.00000000	0.00032965	0.000208266	0.00053792	0.00000000	2.89709E-05	0.000019957	0.00004893	0	0.000574141	0.000432938	0.001007079	0.00000000	0.000273477	0.000195258	0.00046873
608296.11	4200741.15	0.00000000	0.000329614	0.000208166	0.00053778	0.00000000	2.89577E-05	0.000019947	0.00004891	0	0.000573692	0.000431995	0.001005686	0.00000000	0.00027305	0.000194644	0.00046769
608289.24	4200839.95	0.00000000	0.000329179	0.000208593	0.00053777	0.00000000	2.88256E-05	0.000019995	0.00004882	0	0.000569311	0.000422781	0.000992092	0.00000000	0.000268973	0.000188737	0.00045771
608296.11	4200748.75	0.00000000	0.00032955	0.000208027	0.00053758	0.00000000	2.89423E-05	0.000019933	0.00004888	0	0.000573204	0.000431051	0.001004255	0.00000000	0.000272612	0.000194033	0.00046664
608296.11	4200756.35	0.00000000	0.000329467	0.000207989	0.00053746	0.00000000	2.89256E-05	0.000019924	0.00004885	0	0.000572693	0.000430109	0.001002802	0.00000000	0.000272166	0.000193424	0.00046559
608296.11	4200763.95	0.00000000	0.00032936	0.000207968	0.00053733	0.00000000	2.89069E-05	0.000019923	0.00004883	0	0.000572148	0.000429171	0.001001319	0.00000000	0.00027171	0.000192818	0.00046453
608289.24	4200847.55	0.00000000	0.00032885	0.000208472	0.00053732	0.00000000	2.87898E-05	0.000019984	0.00004877	0	0.000568473	0.000421824	0.000990296	0.00000000	0.000268427	0.000188150	0.00045658
608296.11	4200771.55	0.00000000	0.000329235	0.000207936	0.00053717	0.00000000	2.88868E-05	0.000019919	0.00004881	0	0.000571582	0.000428241	0.000999823	0.00000000	0.000271248	0.000192218	0.00046347
608296.11	4200779.15	0.00000000	0.000329078	0.000207854	0.00053693	0.00000000	2.88642E-05	0.000019911	0.00004877	0	0.000570968	0.000427299	0.000998267	0.00000000	0.000270768	0.000191612	0.00046238
608289.24	4200855.15	0.00000000	0.0003285	0.000208329	0.00053683	0.00000000	2.87524E-05	0.000019968	0.00004872	0	0.00056761	0.000420862	0.000988472	0.00000000	0.000267877	0.000187570	0.00045545
608296.11	4200786.75	0.00000000	0.000328903	0.000207726	0.00053663	0.00000000	2.88403E-05	0.000019897	0.00004874	0	0.000570336	0.000426365	0.0009967	0.00000000	0.000270288	0.000191017	0.00046130
608289.24	4200862.75	0.00000000	0.000328136	0.000208328	0.00053646	0.00000000	2.87142E-05	0.000019963	0.00004868	0	0.000566733	0.000419898	0.000986631	0.00000000	0.000267326	0.000186993	0.00045432
608296.11	4200794.35	0.00000000	0.000328714	0.000207642	0.00053636	0.00000000	2.88153E-05	0.000019885	0.00004870	0	0.000569683	0.000425432	0.000995115	0.00000000	0.000269799	0.000190421	0.00046022
608296.11	4200801.95	0.00000000	0.000328495	0.000207615	0.00053611	0.00000000	2.8788E-05	0.000019882	0.00004867	0	0.000568988	0.000424494	0.000993482	0.00000000	0.000269296	0.000189826	0.00045912
608289.24	4200870.35	0.00000000	0.000327758	0.000208322	0.00053608	0.00000000	2.86748E-05	0.000019963	0.00004864	0	0.000565839	0.000418936	0.000984775	0.00000000	0.000266771	0.000186421	0.00045319
608296.11	4200809.55	0.00000000	0.000328257	0.000207541	0.00053580	0.00000000	2.87593E-05	0.000019874	0.00004863	0	0.000568273	0.000423561	0.000991834	0.00000000	0.000268791	0.000189238	0.00045803
608296.11	4200817.15	0.00000000	0.000327996	0.00020742	0.00053542	0.00000000	2.87288E-05	0.000019862	0.00004859	0	0.000567527	0.000422621	0.000990147	0.00000000	0.000268274	0.000188651	0.00045692
608296.11	4200824.75	0.00000000	0.000327715	0.000207289	0.00053500	0.00000000	2.86967E-05	0.000019845	0.00004854	0	0.000566755	0.000421675	0.00098843	0.00000000	0.000267752	0.000188065	0.00045582
608296.11	4200832.35	0.00000000	0.000327432	0.000207287	0.00053472	0.00000000	2.86649E-05	0.000019844	0.00004851	0	0.000565992	0.000420752	0.000986744	0.00000000	0.00026724	0.000187496	0.00045474
608302.98	4200733.55	0.00000000	0.000327669	0.000206803	0.00053447	0.00000000	2.87767E-05	0.000019790	0.00004857	0	0.000569916	0.000429658	0.000995574	0.00000000	0.000271039	0.000193166	0.00046420
608296.11	4200839.95	0.00000000	0.000327127	0.000207221	0.00053435	0.00000000	2.86313E-05	0.000019837	0.00004847	0	0.0005652	0.000419828	0.000985027	0.00000000	0.000266719	0.000186928	0.00045365
608302.98	4200741.15	0.00000000	0.000327635	0.000206608	0.00053424	0.00000000	2.87644E-05	0.000019767	0.00004853	0	0.000569494	0.000428755	0.000998249	0.00000000	0.000270638	0.000192583	0.00046322
608302.98	4200748.75	0.00000000	0.000327574	0.000206575	0.00053415	0.00000000	2.87497E-05	0.000019762	0.00004851	0	0.000569029	0.000427845	0.000996873	0.00000000	0.000270219	0.000191996	0.00046222
608302.98	4200756.35	0.00000000	0.00032748	0.000206497	0.00053398	0.00000000	2.87324E-05	0.000019754	0.00004849	0	0.000568517	0.000426926	0.000995443	0.00000000	0.000269785	0.000191409	0.00046119
608296.11	4200847.55	0.00000000	0.0003268	0.000207113	0.00053391	0.00000000	2.85961E-05	0.000019826	0.00004842	0	0.000564382	0.000418902	0.000983284	0.00000000	0.000266193	0.000186367	0.00045256
608302.98	4200763.95	0.00000000	0.000327358	0.000206259	0.00053362	0.00000000	2.87128E-05	0.000019727	0.00004844	0	0.000567963	0.000425999	0.000993962	0.00000000	0.000269332	0.000190818	0.00046015
608302.98	4200771.55	0.00000000	0.000327228	0.000206253	0.00053348	0.00000000	2.8693E-05	0.000019726	0.00004842	0	0.000567411	0.0004251	0.000992511	0.00000000	0.00026889	0.000190244	0.00045913
608296.11	4200855.15	0.00000000	0.000326452	0.000206952	0.00053340	0.00000000	2.85592E-05	0.000019805	0.00004836	0	0.00056353	0.000417959	0.000981489	0.00000000	0.000265652	0.000185798	0.00045145
608302.98	4200779.15	0.00000000	0.00032707	0.000206185	0.00053325	0.00000000	2.86707E-05	0.000019718	0.00004839	0	0.000566813	0.000424189	0.000991002	0.00000000	0.000268429	0.000189665	0.00045809
608296.11	4200862.75	0.00000000	0.000326088	0.000206933	0.00053302	0.00000000	2.85212E-05	0.000019805	0.00004833	0	0.000562665	0.000417017	0.000979682	0.00000000	0.000265113	0.000185238	0.00045035
608302.98	4200786.75	0.00000000	0.000326888	0.000205924	0.00053281	0.00000000	2.86466E-05	0.000019688	0.00004833	0	0.000566184	0.000423274	0.000989458	0.00000000	0.000267958	0.000189087	0.00045704
608296.11	4200870.35	0.00000000	0.00032571	0.000206895	0.00053261	0.00000000	2.84823E-05	0.000019799	0.00004828	0	0.00056179	0.00041608 3	0.000977873	0.00000000	0.000264577	0.000184690	0.00044927
608302.98	4200794.35	0.00000000	0.000326687	0.000205908	0.00053259	0.00000000	2.86211E-05	0.000019688	0.00004831	0	0.000565531	0.00042236	0.000987891	0.00000000	0.0026748	0.000188512	0.00045599
608302.98	4200801.95	0.00000000	0.000326461	0.000205866	0.00053233	0.00000000	2.85936E-05	0.000019681	0.00004827	0	0.000564845	0.000421446	0.000986291	0.00000000	0.000266992	0.000187939	0.00045493
608302.98	4200809.55	0.00000000	0.000326227	0.000205585	0.00053181	0.00000000	2.85656E-05	0.000019650	0.00004822	0	0.000564151	0.000420544	0.000984696	0.00000000	0.000266505	0.000187375	0.00045388
608302.98	4200817.15	0.00000000	0.000325969	0.000205543	0.00053151	0.00000000	2.85358E-05	0.000019645	0.00004818	0	0.000563425	0.000419631	0.000983056	0.00000000	0.000266006	0.000186807	0.00045281
608302.98	4200824.75	0.00000000	0.000325692	0.00020524	0.00053093	0.00000000	2.85046E-05	0.000019612	0.00004812	0	0.000562679	0.000418722	0.000981401	0.00000000	0.000265506	0.000186250	0.00045176
608302.98	4200832.35	0.00000000	0.000325395	0.000205225	0.00053062	0.00000000	2.8472E-05	0.000019608	0.00004808	0	0.000561907	0.000417809	0.000979716	0.00000000	0.000264998	0.000185694	0.00045069
608302.98	4200839.95	0.00000000	0.000325089	0.000204901	0.00052999	0.00000000	2.84386E-05	0.000019573	0.00004801	0	0.000561124	0.000416904	0.000978028	0.00000000	0.000264488	0.000185142	0.00044963
608302.98	4200847.55	0.00000000	0.000324764	0.000204893	0.00052966	0.00000000	2.84039E-05	0.000019572	0.00004798	0	0.000560322	0.000416003	0.000976326	0.00000000	0.000263977	0.000184599	0.00044858
608302.98	4200855.15	0.00000000	0.000324422	0.00020457	0.00052899	0.00000000	2.83679E-05	0.000019535	0.00004790	0	0.000559499	0.000415096	0.000974596	0.00000000	0.00026346	0.000184060	0.00044752
608302.98	4200862.75	0.00000000	0.000324058	0.000204229	0.00052829	0.00000000	2.83303E-05	0.000019497	0.00004783	0	0.000558647	0.000414176	0.000972823	0.00000000	0.000262935	0.000183517	0.00044645
608302.98	4200870.35	0.00000000	0.00032368	0.000203886	0.00052757	0.00000000	2.82917E-05	0.000019459	0.00004775	0	0.000557782	0.000413261	0.000971043	0.00000000	0.000262409	0.000182983	0.00044539

Cancer Risk Calculations Using OEHHA/BAAQMD Cancer Risk Assumptions
Ranch EIR Residential Project Construction Parameters
Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Infant
UTM: 606527.8 4201288.22

Cancer Potency Factor: 1.1 (mg/kg-day)$^{-1}$
Exposure Frequency 350 days/year
Averaging Period 25550 days

Construction Annual DPM Emissions (as PM2.5 Exhaust) Unmitigated

Age	Maximum DPM Concentration (ug/m3)	Age Sensitivity Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Cancer Risk (/million)
3rd Trimester	0.024409873	10	361	0.85	0.25	0.28
0-1	0.024409873	10	1090	0.85	1.00	3.4
1<2	0.024409873	10	1090	0.85	1.00	3.4
2 to 3	0.024409873	3	631	1	0.69	0.5
3 to 4	0.024409873	3	631	1	1.00	0.7
4 to 5	0.024409873	3	631	1	1.01	0.7
5 to 6	0.024409873	3	631	1	0.47	0.3
					5.42	
					Total	9.31

Construction Annual DPM Emissions (as PM2.5 Exhaust) Mitigated

Year	Maximum DPM Concentration (ug/m3)	Age Sensitivity Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Cancer Risk (/million)
3rd Trimester	0.001949082	10	361	0.85	0.25	0.0
0-1	0.001949082	10	1090	0.85	1.00	0.3
1<2	0.001949082	10	1090	0.85	1.00	0.3
2 to 3	0.001949082	3	631	1	0.69	0.0
3 to 4	0.001949082	3	631	1	1.00	0.1
4 to 5	0.001949082	3	631	1	1.01	0.1
5 to 6	0.001949082	3	631	1	0.47	0.0
					Total	0.74

Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Child
UTM: 606527.8 4201288.22

Cancer Potency Factor: 1.1 (mg/kg-day)$^{-1}$
Exposure Frequency 350 days/year
Averaging Period 25550 days

Construction Annual DPM Emissions (as PM2.5 Exhaust) Unmitigated

Construction Year	Maximum DPM Concentration (ug/m3)	Age Sensitivity Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor (ug/m3)$^{-1}$
1	0.024409873	3	572	1	0.79	0.5
2	0.024409873	3	572	1	1.00	0.6
3	0.024409873	3	572	1	0.92	0.6
4	0.024409873	3	572	1	0.78	0.5
5	0.024409873	3	572	1	1.00	0.6
6	0.024409873	3	572	1	0.95	0.6
					Total	3.42
					5.42	

Construction Annual DPM Emissions (as PM2.5 Exhaust) Mitigated

Construction Year	Maximum DPM Concentration (ug/m3)	Age Sensitivity Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor (ug/m3)$^{-1}$
1	0.001949082	3	572	1	0.79	0.0
2	0.001949082	3	572	1	1.00	0.1
3	0.001949082	3	572	1	0.92	0.0
4	0.001949082	3	572	1	0.78	0.0
5	0.001949082	3	572	1	1.00	0.1
6	0.001949082	3	572	1	0.95	0.0
					Total	0.27

Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Adult
UTM: 606527.8 4201288.22

Cancer Potency Factor: 1.1 (mg/kg-day)$^{-1}$
Exposure Frequency 350 days/year
Averaging Period 25550 days

Construction Annual DPM Emissions (as PM2.5 Exhaust) Unmitigated

Construction Year	Maximum DPM Concentration (ug/m3)	Age Sensitivity Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor (ug/m3)$^{-1}$
1	0.024409873	1	261	0.73	0.79	0.06
2	0.024409873	1	261	0.73	1.00	0.07
3	0.024409873	1	261	0.73	0.92	0.06
4	0.024409873	1	261	0.73	0.78	0.05
5	0.024409873	1	261	0.73	1.00	0.07
6	0.024409873	1	261	0.73	0.95	0.07
					Total	0.38
					5.42	

Construction Annual DPM Emissions (as PM2.5 Exhaust) Mitigated

Construction Year	Maximum DPM Concentration (ug/m3)	Age Sensitivity Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor (ug/m3)$^{-1}$
1	0.001949082	1	261	0.73	0.79	0.00
2	0.001949082	1	261	0.73	1.00	0.01
3	0.001949082	1	261	0.73	0.92	0.01
4	0.001949082	1	261	0.73	0.78	0.00
5	0.001949082	1	261	0.73	1.00	0.01
6	0.001949082	1	261	0.73	0.95	0.01
					Total	0.03

Ranch EIR Residential Project Construction Parameters

UTM: 606527.8 4201288.22

Estimates of Chronic Non-Cancer Hazard Index (CNCHI)

Unmitigated

Chronic Non-Cancer Hazard Index at the Maximum Impacted Sensitive Receptor

Reference Exposure Level (REL) for DPM: 5 ug/m3

CNCHI = DPM/REL

X (m)	Y (m)	Average DPM (ug/m3)	Max DPM (ug/m3)	CNCHI
606527.8	4201288.22	0.024409873	0.0244	0.00488

Unmitigated

Annual PM2.5 Total (Exhaust + Fugitive Dust)

X (m)	Y (m)	Average PM2.5 Total (ug/m3)	Max PM2.5 (ug/m3)
606527.8	4201288.22	0.0349	0.0349

Mitigated

Chronic Non-Cancer Hazard Index at the Maximum Impacted Sensitive Receptor

Reference Exposure Level (REL) for DPM: 5 ug/m3

CNCHI = DPM/REL

X (m)	Y (m)	Average DPM (ug/m3)	Max DPM (ug/m3)	CNCHI
606527.8	4201288.22	0.0019	0.0019	0.00039

Mitigated

Annual PM2.5 Total (Exhaust + Fugitive Dust)

X (m)	Y (m)	Average PM2.5 Total (ug/m3)	Max PM2.5 (ug/m3)
606527.8	4201288.22	0.0122	0.0122

Ranch EIR Residential Project Construction Parameters

Phase 2

Construction Annual DPM Emissions (PM2.5 Exhaust) **Unmitigated Concentrations**

Annual Average Onsite DPM Rate (grams/m2/sec):	3.50E-08
Annual Average Offsite DPM Emission Rate - Road 1 (grams/sec):	5.62E-06
Annual Average Offsite DPM Emission Rate - Road 2 (grams/sec):	5.70E-06
Annual Average Offsite DPM Emission Rate - Road 3 (grams/sec):	9.12E-06
Annual Average Offsite DPM Emission Rate - Road4 (grams/sec):	9.08E-06
Annual Average Offsite DPM Emission Rate - Road5 (grams/sec):	3.27E-06
Annual Average Offsite DPM Emission Rate - Road5 (grams/sec):	3.26E-06

X	Y	Onsite Phase 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 1 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 4 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 5 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 6 Unit Emissions VALUES AVERAGED AVERAGE CONC	Onsite Phase 2 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 1 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 2 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 3 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 4 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 5 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 6 Annual DPM Exhaust w/Actual Emissions (ug/m3)	**Total DPM (ug/m3)**
606771.32	4200808.57	52057.33116	0.08488	0.08498	0.04666	0.04498	0.03495	0.03568	1.82E-03	4.77E-07	4.84E-07	4.26E-07	4.09E-07	1.14E-07	1.16E-07	1.8245E-03
606787.8	4200808.22	52077.64805	0.08645	0.08689	0.04598	0.04418	0.03523	0.03594	1.82E-03	4.86E-07	4.95E-07	4.19E-07	4.01E-07	1.15E-07	1.17E-07	1.8252E-03
606807.8	4200808.22	51448.48698	0.09263	0.09273	0.04694	0.04487	0.0354	0.03608	1.80E-03	5.21E-07	5.28E-07	4.28E-07	4.08E-07	1.16E-07	1.18E-07	1.8033E-03
606827.8	4200808.22	50743.4416	0.09855	0.09846	0.04723	0.04515	0.03554	0.0362	1.78E-03	5.54E-07	5.61E-07	4.31E-07	4.10E-07	1.16E-07	1.18E-07	1.7787E-03
606847.8	4200808.22	49936.44365	0.10527	0.10493	0.04756	0.04536	0.03565	0.03629	1.75E-03	5.92E-07	5.98E-07	4.34E-07	4.12E-07	1.17E-07	1.18E-07	1.7505E-03
606867.8	4200808.22	49044.14784	0.11284	0.11219	0.04773	0.04526	0.03573	0.03634	1.72E-03	6.35E-07	6.39E-07	4.35E-07	4.11E-07	1.17E-07	1.19E-07	1.7193E-03
606887.8	4200808.22	48131.88921	0.12011	0.1193	0.04774	0.04539	0.0358	0.03637	1.69E-03	6.76E-07	6.80E-07	4.35E-07	4.12E-07	1.17E-07	1.19E-07	1.6875E-03
606907.8	4200808.22	47166.32782	0.12864	0.12706	0.04822	0.04576	0.03583	0.03638	1.65E-03	7.23E-07	7.24E-07	4.40E-07	4.16E-07	1.17E-07	1.19E-07	1.6538E-03
606927.8	4200808.22	46201.01763	0.13855	0.13642	0.04848	0.04592	0.03585	0.03638	1.62E-03	7.79E-07	7.77E-07	4.42E-07	4.17E-07	1.17E-07	1.19E-07	1.6201E-03
606947.8	4200808.22	45223.0614	0.14935	0.14655	0.04867	0.04599	0.03586	0.03636	1.58E-03	8.40E-07	8.35E-07	4.44E-07	4.18E-07	1.17E-07	1.19E-07	1.5860E-03
606767.8	4200828.22	57350.28091	0.07943	0.08004	0.04887	0.04722	0.03696	0.0377	2.01E-03	4.47E-07	4.56E-07	4.46E-07	4.29E-07	1.21E-07	1.23E-07	2.0098E-03
606787.8	4200828.22	56981.93346	0.08291	0.08356	0.04949	0.04763	0.03723	0.03795	1.99E-03	4.66E-07	4.76E-07	4.51E-07	4.33E-07	1.22E-07	1.24E-07	1.9970E-03
606807.8	4200828.22	55956.66595	0.08872	0.08925	0.05015	0.04814	0.03734	0.03803	1.96E-03	4.99E-07	5.09E-07	4.57E-07	4.37E-07	1.22E-07	1.24E-07	1.9611E-03
606827.8	4200828.22	54881.54084	0.09503	0.0954	0.05072	0.0484	0.03742	0.03808	1.92E-03	5.34E-07	5.44E-07	4.63E-07	4.40E-07	1.22E-07	1.24E-07	1.9236E-03
606847.8	4200828.22	53803.08474	0.10165	0.10182	0.05108	0.04874	0.0375	0.03812	1.88E-03	5.72E-07	5.80E-07	4.66E-07	4.43E-07	1.23E-07	1.24E-07	1.8859E-03
606867.8	4200828.22	52693.33195	0.10898	0.10885	0.05159	0.04908	0.03755	0.03815	1.84E-03	6.13E-07	6.20E-07	4.71E-07	4.46E-07	1.23E-07	1.25E-07	1.8471E-03
606887.8	4200828.22	51533.0982	0.11633	0.11618	0.05164	0.04914	0.03757	0.03814	1.80E-03	6.54E-07	6.62E-07	4.71E-07	4.46E-07	1.23E-07	1.24E-07	1.8066E-03
606907.8	4200828.22	50335.72809	0.12471	0.12391	0.05224	0.0496	0.03757	0.03811	1.76E-03	7.01E-07	7.06E-07	4.76E-07	4.51E-07	1.23E-07	1.24E-07	1.7648E-03
606927.8	4200828.22	49138.14782	0.13491	0.13348	0.05275	0.04996	0.03755	0.03806	1.72E-03	7.59E-07	7.61E-07	4.81E-07	4.54E-07	1.23E-07	1.24E-07	1.7230E-03
606947.8	4200828.22	47946.99474	0.14597	0.14392	0.05313	0.05019	0.03751	0.038	1.68E-03	8.21E-07	8.20E-07	4.85E-07	4.56E-07	1.23E-07	1.24E-07	1.6814E-03
606967.8	4200828.22	46749.47476	0.15835	0.1555	0.05344	0.05035	0.03745	0.03792	1.64E-03	8.91E-07	8.86E-07	4.87E-07	4.57E-07	1.22E-07	1.24E-07	1.6396E-03
606987.8	4200828.22	45556.84484	0.1721	0.16843	0.05365	0.05042	0.03738	0.03781	1.59E-03	9.68E-07	9.60E-07	4.89E-07	4.58E-07	1.22E-07	1.23E-07	1.5980E-03
606747.8	4200848.22	62987.27779	0.07322	0.07409	0.05153	0.05004	0.03871	0.03948	2.21E-03	4.12E-07	4.22E-07	4.70E-07	4.55E-07	1.27E-07	1.29E-07	2.2071E-03
606767.8	4200848.22	62579.15821	0.07637	0.0772	0.05195	0.05034	0.03902	0.03976	2.19E-03	4.30E-07	4.40E-07	4.74E-07	4.57E-07	1.28E-07	1.30E-07	2.1929E-03
606787.8	4200848.22	61943.43862	0.07951	0.08048	0.05277	0.05093	0.03926	0.03998	2.17E-03	4.47E-07	4.59E-07	4.81E-07	4.63E-07	1.28E-07	1.30E-07	2.1707E-03
606807.8	4200848.22	60608.39412	0.08497	0.08588	0.05356	0.05147	0.03933	0.04002	2.12E-03	4.78E-07	4.89E-07	4.89E-07	4.68E-07	1.29E-07	1.31E-07	2.1240E-03
606827.8	4200848.22	59242.18055	0.09086	0.09168	0.05414	0.05168	0.03939	0.04004	2.07E-03	5.11E-07	5.22E-07	4.94E-07	4.69E-07	1.29E-07	1.31E-07	2.0763E-03
606847.8	4200848.22	57848.87444	0.09686	0.09802	0.05473	0.05214	0.03942	0.04004	2.03E-03	5.45E-07	5.58E-07	4.99E-07	4.74E-07	1.29E-07	1.31E-07	2.0276E-03
606867.8	4200848.22	56441.3622	0.10405	0.105	0.05544	0.05268	0.03942	0.04001	1.98E-03	5.85E-07	5.98E-07	5.06E-07	4.79E-07	1.29E-07	1.31E-07	1.9784E-03
606887.8	4200848.22	55004.96396	0.11154	0.11218	0.05584	0.05323	0.0394	0.03996	1.93E-03	6.27E-07	6.39E-07	5.09E-07	4.84E-07	1.29E-07	1.30E-07	1.9282E-03
606907.8	4200848.22	53557.13849	0.12016	0.12015	0.05661	0.05383	0.03936	0.03989	1.87E-03	6.76E-07	6.85E-07	5.16E-07	4.89E-07	1.29E-07	1.30E-07	1.8776E-03
606927.8	4200848.22	52111.10722	0.13044	0.12983	0.05739	0.05442	0.03929	0.03979	1.82E-03	7.34E-07	7.40E-07	5.23E-07	4.94E-07	1.28E-07	1.30E-07	1.8271E-03
606947.8	4200848.22	50683.38857	0.1417	0.14051	0.05805	0.05487	0.03921	0.03968	1.77E-03	7.97E-07	8.01E-07	5.29E-07	4.98E-07	1.28E-07	1.30E-07	1.7773E-03
606967.8	4200848.22	49272.27949	0.15423	0.1523	0.05861	0.05523	0.03911	0.03955	1.72E-03	8.67E-07	8.68E-07	5.35E-07	5.02E-07	1.28E-07	1.29E-07	1.7280E-03
606987.8	4200848.22	47881.92912	0.16822	0.16553	0.05905	0.05548	0.03899	0.0394	1.68E-03	9.46E-07	9.43E-07	5.39E-07	5.04E-07	1.28E-07	1.29E-07	1.6795E-03
607107.8	4200848.22	40106.30839	0.30118	0.28705	0.05941	0.0552	0.03792	0.03819	1.40E-03	1.69E-06	1.64E-06	5.42E-07	5.01E-07	1.24E-07	1.25E-07	1.4087E-03
607127.8	4200848.22	38922.8397	0.33611	0.31796	0.05919	0.05502	0.03769	0.03795	1.36E-03	1.89E-06	1.81E-06	5.40E-07	5.00E-07	1.23E-07	1.24E-07	1.3676E-03
607147.8	4200848.22	37768.99422	0.37708	0.35414	0.05906	0.05496	0.03745	0.03769	1.32E-03	2.12E-06	2.02E-06	5.39E-07	4.99E-07	1.22E-07	1.23E-07	1.3277E-03
607167.8	4200848.22	36653.65463	0.42527	0.39626	0.05896	0.05493	0.03721	0.03742	1.28E-03	2.39E-06	2.26E-06	5.38E-07	4.99E-07	1.22E-07	1.22E-07	1.2891E-03
607187.8	4200848.22	35568.71132	0.48374	0.44686	0.05904	0.0551	0.03695	0.03714	1.25E-03	2.72E-06	2.55E-06	5.39E-07	5.01E-07	1.21E-07	1.21E-07	1.2518E-03
607207.8	4200848.22	34514.71166	0.55629	0.50873	0.05937	0.0555	0.03668	0.03685	1.21E-03	3.13E-06	2.90E-06	5.42E-07	5.04E-07	1.20E-07	1.20E-07	1.2156E-03
607227.8	4200848.22	33500.57902	0.64634	0.58449	0.0597	0.05577	0.0364	0.03656	1.17E-03	3.64E-06	3.33E-06	5.45E-07	5.07E-07	1.19E-07	1.19E-07	1.1811E-03
606747.8	4200868.22	69047.20766	0.06964	0.07075	0.05426	0.05284	0.04093	0.0417	2.42E-03	3.92E-07	4.03E-07	4.95E-07	4.80E-07	1.34E-07	1.36E-07	2.4193E-03
606767.8	4200868.22	68361.02356	0.07232	0.07347	0.05474	0.0532	0.04122	0.04196	2.39E-03	4.07E-07	4.19E-07	4.99E-07	4.83E-07	1.35E-07	1.37E-07	2.3953E-03
606787.8	4200868.22	67190.68503	0.07499	0.07653	0.05533	0.05361	0.04138	0.04209	2.35E-03	4.22E-07	4.36E-07	5.05E-07	4.87E-07	1.35E-07	1.37E-07	2.3544E-03
606807.8	4200868.22	65496.375	0.08024	0.08198	0.05663	0.05445	0.04142	0.04209	2.29E-03	4.51E-07	4.67E-07	5.17E-07	4.95E-07	1.35E-07	1.37E-07	2.2952E-03
606827.8	4200868.22	63774.50809	0.08613	0.0876	0.0578	0.05523	0.04143	0.04207	2.23E-03	4.84E-07	4.99E-07	5.27E-07	5.02E-07	1.35E-07	1.37E-07	2.2350E-03
606847.8	4200868.22	62024.70433	0.09216	0.09377	0.05865	0.05603	0.04141	0.04201	2.17E-03	5.18E-07	5.34E-07	5.35E-07	5.09E-07	1.35E-07	1.37E-07	2.1738E-03
606867.8	4200868.22	60277.30462	0.09897	0.10064	0.05926	0.0568	0.04136	0.04194	2.11E-03	5.57E-07	5.73E-07	5.41E-07	5.16E-07	1.35E-07	1.37E-07	2.1127E-03
606887.8	4200868.22	58533.10083	0.10635	0.10759	0.06025	0.05759	0.04129	0.04184	2.05E-03	5.98E-07	6.13E-07	5.50E-07	5.23E-07	1.35E-07	1.37E-07	2.0517E-03
606907.8	4200868.22	56800.31904	0.11494	0.1156	0.0613	0.05841	0.0412	0.04171	1.99E-03	6.46E-07	6.59E-07	5.59E-07	5.31E-07	1.35E-07	1.36E-07	1.9912E-03
606927.8	4200868.22	55089.6855	0.1252	0.12524	0.06236	0.05926	0.04109	0.04157	1.93E-03	7.04E-07	7.14E-07	5.69E-07	5.38E-07	1.34E-07	1.36E-07	1.9314E-03
606947.8	4200868.22	53409.64689	0.13646	0.1362	0.06338	0.06002	0.04095	0.0414	1.87E-03	7.67E-07	7.76E-07	5.78E-07	5.45E-07	1.34E-07	1.35E-07	1.8728E-03
607047.8	4200868.22	45621.21088	0.21797	0.21262	0.06661	0.06198	0.04002	0.04034	1.60E-03	1.23E-06	1.21E-06	6.08E-07	5.63E-07	1.31E-07	1.32E-07	1.6010E-03
607067.8	4200868.22	44188.20323	0.24166	0.23438	0.06683	0.06201	0.03979	0.04008	1.55E-03	1.36E-06	1.34E-06	6.10E-07	5.63E-07	1.30E-07	1.31E-07	1.5511E-03
607087.8	4200868.22	42796.98143	0.2691	0.25943	0.06693	0.06197	0.03954	0.03981	1.50E-03	1.51E-06	1.48E-06	6.10E-07	5.63E-07	1.29E-07	1.30E-07	1.5027E-03
607107.8	4200868.22	41453.48337	0.30081	0.28785	0.06688	0.06184	0.03928	0.03953	1.45E-03	1.69E-06	1.64E-06	6.10E-07	5.62E-07	1.28E-07	1.29E-07	1.4560E-03
607127.8	4200868.22	40153.9536	0.33783	0.3207	0.06674	0.06168	0.03901	0.03924	1.41E-03	1.90E-06	1.83E-06	6.09E-07	5.60E-07	1.28E-07	1.28E-07	1.4109E-03
607147.8	4200868.22	38896.13299	0.38147	0.35914	0.06656	0.06154	0.03873	0.03893	1.36E-03	2.15E-06	2.05E-06	6.07E-07	5.59E-07	1.27E-07	1.27E-07	1.3673E-03
607167.8	4200868.22	37681.23386	0.4335	0.40452	0.06643	0.06147	0.03844	0.03862	1.32E-03	2.44E-06	2.30E-06	6.06E-07	5.58E-07	1.26E-07	1.26E-07	1.3253E-03
607187.8	4200868.22	36506.86476	0.49695	0.45919	0.06644	0.06158	0.03814	0.0383	1.28E-03	2.79E-06	2.62E-06	6.06E-07	5.59E-07	1.25E-07	1.25E-07	1.2849E-03
607207.8	4200868.22	35375.74091	0.57552	0.52578	0.06658	0.06182	0.03783	0.03797	1.24E-03	3.24E-06	3.00E-06	6.07E-07	5.62E-07	1.24E-07	1.24E-07	1.2461E-03
607227.8	4200868.22	34283.3363	0.67607	0.6095	0.06699	0.06226	0.03751	0.03764	1.20E-03	3.80E-06	3.47E-06	6.11E-07	5.66E-07	1.23E-07	1.23E-07	1.2089E-03
606755.19	4200886.81	75245.10385	0.06602	0.06742	0.05665	0.05528	0.04331	0.04406	2.63E-03	3.71E-07	3.84E-07	5.17E-07	5.02E-07	1.42E-07	1.44E-07	2.6363E-03
606767.8	4200888.22	74771.8836	0.06711	0.06848	0.05733	0.05583	0.04357	0.0443	2.62E-03	3.77E-07	3.90E-07	5.23E-07	5.07E-07	1.42E-07	1.45E-07	2.6198E-03
606787.8	4200888.22	72732.48862	0.07067	0.07233	0.05854	0.05691	0.0436	0.04429	2.55E-03	3.97E-07	4.12E-07	5.34E-07	5.17E-07	1.43E-07	1.45E-07	2.5484E-03
606807.8	4200888.22	70584.0912	0.07569	0.07783	0.06005	0.05796	0.04358	0.04424	2.47E-03	4.26E-07	4.43E-07	5.48E-07	5.27E-07	1.43E-07	1.44E-07	2.4733E-03
606827.8	4200888.22	68425.77629	0.08123	0.08322	0.06151	0.059	0.04354	0.04416	2.40E-03	4.57E-07	4.74E-07	5.61E-07	5.36E-07	1.42E-07	1.44E-07	2.3978E-03
606847.8	4200888.22	66281.77799	0.08718	0.08918	0.06278	0.06005	0.04346	0.04405	2.32E-03	4.90E-07	5.08E-07	5.73E-07	5.46E-07	1.42E-07	1.44E-07	2.3229E-03
606867.8	4200888.22	64164.19937	0.09361	0.09578	0.06386	0.06111	0.04336	0.04392	2.25E-03	5.26E-07	5.46E-07	5.82E-07	5.55E-07	1.42E-07	1.43E-07	2.2488E-03
606887.8	4200888.22	62072.36269	0.1007	0.10229	0.06484	0.06219	0.04324	0.04376	2.17E-03	5.66E-07	5.83E-07	5.91E-07	5.65E-07	1.41E-07	1.43E-07	2.1757E-03
606907.8	4200888.22	60035.68108	0.10915	0.11042	0.06619	0.06329	0.04309	0.04358	2.10E-03	6.14E-07	6.29E-07	6.04E-07	5.75E-07	1.41E-07	1.42E-07	2.1045E-03
606927.8	4200888.22	58032.60012	0.11931	0.12036	0.06767	0.0645	0.04292	0.04338	2.03E-03	6.71E-07	6.86E-07	6.17E-07	5.86E-07	1.40E-07	1.42E-07	2.0345E-03
607027.8	4200888.22	48951.93537	0.19098	0.18881	0.07377	0.06888	0.04181	0.04212	1.71E-03	1.07E-06	1.08E-06	6.73E-07	6.26E-07	1.37E-07	1.37E-07	1.7175E-03
607047.8	4200888.22	47304.93444	0.21223	0.20856	0.07461	0.06939	0.04153	0.04182	1.66E-03	1.19E-06	1.19E-06	6.81E-07	6.30E-07	1.36E-07	1.37E-07	1.6601E-03
607067.8	4200888.22	45721.98149	0.23655	0.23104	0.07523	0.06969	0.04125	0.04152	1.60E-03	1.33E-06	1.32E-06	6.86E-07	6.33E-07	1.35E-07	1.36E-07	1.6049E-03
607087.8	4200888.22	44195.12572	0.2649	0.25705	0.07566	0.06985	0.04096	0.0412	1.55E-03	1.49E-06	1.46E-06	6.90E-07	6.35E-07	1.34E-07	1.34E-07	1.5518E-03
607107.8	4200888.22	42725.24328	0.29804	0.28688	0.07591	0.06989	0.04065	0.04087	1.50E-03	1.68E-06	1.63E-06	6.92E-07	6.35E-07	1.33E-07	1.33E-07	1.5007E-03
607127.8	4200888.22	41310.29174	0.33707	0.32161	0.07597	0.06983	0.04033	0.04053	1.45E-03	1.90E-06	1.83E-06	6.93E-07	6.34E-07	1.32E-07	1.32E-07	1.4516E-03
607147.8	4200888.22	39951.65305	0.3831	0.36223	0.07584	0.06965	0.04001	0.04018	1.40E-03	2.15E-06	2.06E-06	6.92E-07	6.33E-07	1.31E-07	1.31E-07	1.4045E-03
607167.8	4200888.22	38641.82007	0.43871	0.41068	0.07569	0.06952	0.03967	0.03982	1.35E-03	2.47E-06	2.34E-06	6.90E-07	6.32E-07	1.30E-07	1.30E-07	1.3592E-03
607187.8	4200888.22	37378.04783	0.50735	0.4697	0.07567	0.06959	0.03932	0.03946	1.31E-03	2.85E-06	2.68E-06	6.90E-07	6.32E-07	1.29E-07	1.29E-07	1.3157E-03
607207.8	4200888.22	36167.39381	0.59291	0.54203	0.07572	0.06975	0.03897	0.03909	1.27E-03	3.33E-06	3.09E-06	6.91E-07	6.34E-07	1.27E-07	1.28E-07	1.2742E-03
607227.8	4200888.22	35001.82493	0.70387	0.63389	0.07606	0.07018	0.03861	0.03871	1.23E-03	3.96E-06	3.61E-06	6.94E-07	6.38E-07	1.26E-07	1.26E-07	1.2345E-03
606747.8	4200908.22	83938.20593	0.05892	0.06042	0.05886	0.0576	0.04597	0.04673	2.94E-03	3.31E-07	3.44E-07	5.37E-07	5.23E-07	1.50E-07	1.53E-07	2.9406E-03
606767.8	4200908.22	81181.37777	0.06256	0.06412	0.06025	0.05888	0.04595	0.04667	2.84E-03	3.52E-07	3.65E-07	5.50E-07	5.35E-07	1.50E-07	1.52E-07	2.8442E-03
606787.8	4200908.22	78582.6336	0.06692	0.06874	0.06234	0.06078	0.04592	0.0466	2.75E-03	3.76E-07	3.92E-07	5.69E-07	5.52E-07	1.50E-07	1.52E-07	2.7533E-03
606807.8	4200908.22	75832.57662	0.07155	0.07344	0.06387	0.06206	0.04583	0.04647	2.65E-03	4.02E-07	4.18E-07	5.83E-07	5.64E-07	1.50E-07	1.52E-07	2.6571E-03
606827.8	4200908.22	73164.56186	0.07664	0.07859	0.06533	0.06328	0.04571	0.04632	2.56E-03	4.31E-07	4.48E-07	5.96E-07	5.75E-07	1.49E-07	1.51E-07	2.5638E-03
606847.8	4200908.22	70586.26157	0.08221	0.08423	0.06696	0.06466	0.04558	0.04615	2.47E-03	4.62E-07	4.80E-07	6.11E-07	5.87E-07	1.49E-07	1.51E-07	2.4736E-03
606867.8	4200908.22	68045.38331	0.08774	0.09048	0.06784	0.06552	0.04541	0.04595	2.38E-03	4.93E-07	5.16E-07	6.19E-07	5.95E-07	1.49E-07	1.50E-07	2.3847E-03
606887.8	4200908.22	65594.61887	0.09477	0.09678	0.06949	0.06694	0.04523	0.04572	2.30E-03	5.33E-07	5.51E-07	6.34E-07	6.08E-07	1.48E-07	1.49E-07	2.2990E-03
606987.8	4200908.22	54560.78088	0.14892	0.14994	0.07875	0.07441	0.044	0.04433	1.91E-03	8.38E-07	8.54E-07	7.18E-07	6.76E-07	1.44E-07	1.45E-07	1.9135E-03
607007.8	4200908.22	52602.49837	0.16468	0.1652	0.08051	0.07571	0.0437	0.04401	1.84E-03	9.26E-07	9.41E-07	7.34E-07	6.88E-07	1.43E-07	1.44E-07	1.8451E-03
607027.8	4200908.22	50720.68654	0.18295	0.18252	0.08213	0.07684	0.04339	0.04367	1.78E-03	1.03E-06	1.04E-06	7.49E-07	6.98E-07	1.42E-07	1.43E-07	1.7795E-03
607047.8	4200908.22	48908.30153	0.20424	0.20255	0.08362	0.07784	0.04306	0.04332	1.71E-03	1.15E-06	1.15E-06	7.63E-07	7.07E-07	1.41E-07	1.41E-07	1.7163E-03
607067.8	4200908.22	47171.69927	0.22896	0.22565	0.08489	0.07863	0.04273	0.04296	1.65E-03	1.29E-06	1.29E-06	7.74E-07	7.14E-07	1.40E-07	1.40E-07	1.6558E-03
607087.8	4200908.22	45509.43453	0.25791	0.25243	0.08591	0.0792	0.04238	0.04259	1.59E-03	1.45E-06	1.44E-06	7.84E-07	7.19E-07	1.39E-07	1.39E-07	1.5979E-03
607107.8	4200908.22	43917.23536	0.29206	0.28339	0.08668	0.07957	0.04202	0.04221	1.54E-03	1.64E-06	1.61E-06	7.91E-07	7.23E-07	1.37E-07	1.38E-07	1.5425E-03
607127.8	4200908.22	42389.10205	0.3327	0.31981	0.08718	0.07976	0.04165	0.04182	1.48E-03	1.87E-06	1.82E-06	7.95E-07	7.25E-07	1.36E-07	1.37E-07	1.4895E-03
607147.8	4200908.22	40924.14443	0.38148	0.36298	0.08743	0.07979	0.04128	0.04142	1.43E-03	2.15E-06	2.07E-06	7.97E-07	7.25E-07	1.35E-07	1.35E-07	1.4387E-03
607167.8	4200908.22	39523.25289	0.44044	0.41444	0.08742	0.07968	0.0409	0.04102	1.38E-03	2.48E-06	2.36E-06	7.97E-07	7.24E-07	1.34E-07	1.34E-07	1.3903E-03
607187.8	4200908.22	38176.57261	0.51382	0.47755	0.08741	0.07967	0.04051	0.04061	1.34E-03	2.89E-06	2.72E-06	7.97E-07	7.24E-07	1.32E-07	1.33E-07	1.3439E-03
607207.8	4200908.22	36885.58893	0.60707	0.55633	0.08749	0.07985	0.04011	0.04019	1.29E-03	3.41E-06	3.17E-06	7.98E-07	7.25E-07	1.31E-07	1.31E-07	1.2997E-03
607227.8	4200908.22	35651.8776	0.72831	0.65653	0.08768	0.08017	0.03971	0.03978	1.25E-03	4.10E-06	3.74E-06	8.00E-07	7.28E-07	1.30E-07	1.30E-07	1.2578E-03
606687.8	4200928.22	102128.4204	0.04639	0.04837	0.05691	0.05611	0.04858	0.04946	3.58E-03	2.61E-07	2.76E-07	5.19E-07	5.10E-07	1.59E-07	1.61E-07	3.5773E-03
606707.8	4200928.22	98561.92459	0.04942	0.05107	0.05904	0.05799	0.0486	0.04943	3.45E-03	2.78E-07	2.91E-07	5.39E-07	5.27E-07	1.59E-07	1.61E-07	3.4525E-03
606727.8	4200928.22	94874.12026	0.05227	0.05401	0.06034	0.05925	0.04856	0.04935	3.32E-03	2.94E-07	3.08E-07	5.50E-07	5.38E-07	1.59E-07	1.61E-07	3.3235E-03
606747.8	4200928.22	91335.78782	0.05537	0.0572	0.06217	0.06101	0.04851	0.04925	3.20E-03	3.11E-07	3.26E-07	5.67E-07	5.54E-07	1.59E-07	1.61E-07	3.1997E-03
606767.8	4200928.22	87805.08638	0.05884	0.06077	0.06382	0.06243	0.04841	0.04911	3.07E-03	3.31E-07	3.46E-07	5.82E-07	5.67E-07	1.58E-07	1.60E-07	3.0761E-03
606787.8	4200928.22	84462.33771	0.06247	0.0645	0.06546	0.06404	0.0483	0.04896	2.96E-03	3.51E-07	3.67E-07	5.97E-07	5.82E-07	1.58E-07	1.60E-07	2.9592E-03
606807.8	4200928.22	81161.52098	0.06664	0.06879	0.0672	0.06563	0.04815	0.04876	2.84E-03	3.75E-07	3.92E-07	6.13E-07	5.96E-07	1.57E-07	1.59E-07	2.8437E-03
606827.8	4200928.22	77930.8104	0.07146	0.07371	0.06907	0.06731	0.04796	0.04854	2.73E-03	4.02E-07	4.20E-07	6.30E-07	6.11E-07	1.57E-07	1.58E-07	2.7307E-03
606847.8	4200928.22	74861.97172	0.0767	0.07906	0.07097	0.06892	0.04775	0.04829	2.62E-03	4.31E-07	4.50E-07	6.47E-07	6.26E-07	1.56E-07	1.58E-07	2.6233E-03
606867.8	4200928.22	71895.87885	0.08202	0.08505	0.07266	0.07	0.04752	0.04802	2.52E-03	4.61E-07	4.85E-07	6.63E-07	6.36E-07	1.55E-07	1.57E-07	2.5196E-03
606967.8	4200928.22	58879.99146	0.12694	0.12938	0.08363	0.07977	0.04605	0.04639	2.06E-03	7.14E-07	7.37E-07	7.63E-07	7.25E-07	1.51E-07	1.51E-07	2.0646E-03
606987.8	4200928.22	56607.95817	0.14022	0.1425	0.0862	0.08185	0.04571	0.04601	1.98E-03	7.89E-07	8.12E-07	7.86E-07	7.44E-07	1.49E-07	1.50E-07	1.9852E-03
607007.8	4200928.22	54454.045	0.15533	0.15736	0.08871	0.08378	0.04535	0.04563	1.91E-03	8.74E-07	8.97E-07	8.09E-07	7.61E-07	1.48E-07	1.49E-07	1.9100E-03
607027.8	4200928.22	52385.59329	0.17324	0.17461	0.09119	0.08565	0.04498	0.04523	1.83E-03	9.74E-07	9.95E-07	8.32E-07	7.78E-07	1.47E-07	1.48E-07	1.8378E-03
607047.8	4200928.22	50412.78216	0.19407	0.19455	0.09355	0.08735	0.0446	0.04482	1.76E-03	1.09E-06	1.11E-06	8.53E-07	7.93E-07	1.46E-07	1.46E-07	1.7690E-03
607067.8	4200928.22	48524.30276	0.21873	0.21794	0.09579	0.0889	0.04421	0.0444	1.70E-03	1.23E-06	1.24E-06	8.74E-07	8.08E-07	1.45E-07	1.45E-07	1.7032E-03
607087.8	4200928.22	46729.30947	0.2478	0.2452	0.09774	0.09016	0.04381	0.04398	1.64E-03	1.39E-06	1.40E-06	8.92E-07	8.19E-07	1.43E-07	1.44E-07	1.6407E-03
607107.8	4200928.22	45015.68937	0.28252	0.27706	0.09942	0.09118	0.04339	0.04354	1.58E-03	1.59E-06	1.58E-06	9.07E-07	8.28E-07	1.42E-07	1.42E-07	1.5811E-03
607127.8	4200928.22	43378.32602	0.32431	0.31487	0.10077	0.09191	0.04298	0.0431	1.52E-03	1.82E-06	1.79E-06	9.19E-07	8.35E-07	1.41E-07	1.41E-07	1.5243E-03
607147.8	4200928.22	41812.71086	0.37519	0.36022	0.10177	0.0924	0.04255	0.04266	1.46E-03	2.11E-06	2.05E-06	9.28E-07	8.39E-07	1.39E-07	1.39E-07	1.4700E-03
607167.8	4200928.22	40320.2951	0.4375	0.41485	0.10236	0.09262	0.04212	0.0422	1.41E-03	2.46E-06	2.36E-06	9.34E-07	8.41E-07	1.38E-07	1.38E-07	1.4185E-03
607187.8	4200928.22	38896.18555	0.51522	0.48181	0.10259	0.09264	0.04168	0.04175	1.36E-03	2.90E-06	2.75E-06	9.36E-07	8.42E-07	1.36E-07	1.36E-07	1.3694E-03
607207.8	4200928.22	37531.47931	0.61553	0.56661	0.10278	0.09282	0.04124	0.04129	1.31E-03	3.46E-06	3.23E-06	9.37E-07	8.43E-07	1.35E-07	1.35E-07	1.3227E-03
607227.8	4200928.22	36232.12821	0.74722	0.67535	0.1029	0.09304	0.04079	0.04083	1.27E-03	4.20E-06	3.85E-06	9.39E-07	8.45E-07	1.33E-07	1.33E-07	1.2786E-03
606667.8	4200948.22	117788.6198	0.04148	0.04302	0.05802	0.05727	0.05146	0.05238	4.12E-03	2.33E-07	2.45E-07	5.29E-07	5.20E-07	1.68E-07	1.71E-07	4.1255E-03
606687.8	4200948.22	112763.5473	0.04373	0.04531	0.05946	0.05861	0.05142	0.05228	3.95E-03	2.46E-07	2.58E-07	5.42E-07	5.32E-07	1.68E-07	1.71E-07	3.9497E-03
606707.8	4200948.22	107962.2447	0.04608	0.04781	0.06128	0.06034	0.05135	0.05217	3.78E-03	2.59E-07	2.72E-07	5.59E-07	5.48E-07	1.68E-07	1.70E-07	3.7816E-03
606727.8	4200948.22	103363.7639	0.04856	0.05041	0.06296	0.06205	0.05126	0.05202	3.62E-03	2.73E-07	2.87E-07	5.74E-07	5.64E-07	1.68E-07	1.70E-07	3.6207E-03
606747.8	4200948.22	98881.59315	0.05134	0.05331	0.06472	0.0637	0.05113	0.05184	3.46E-03	2.89E-07	3.04E-07	5.90E-07	5.79E-07	1.67E-07	1.69E-07	3.4639E-03
606767.8	4200948.22	94529.4418	0.0545	0.05659	0.06657	0.06544	0.05095	0.05162	3.31E-03	3.07E-07	3.22E-07	6.07E-07	5.94E-07	1.67E-07	1.68E-07	3.3116E-03
606787.8	4200948.22	90386.77119	0.05797	0.06019	0.06849	0.06723	0.05075	0.05138	3.16E-03	3.26E-07	3.43E-07	6.25E-07	6.11E-07	1.66E-07	1.68E-07	3.1666E-03
606807.8	4200948.22	86445.26703	0.0618	0.06416	0.07049	0.06909	0.05052	0.05111	3.03E-03	3.48E-07	3.66E-07	6.43E-07	6.28E-07	1.65E-07	1.67E-07	3.0287E-03
606827.8	4200948.22	82654.26037	0.06621	0.06871	0.07264	0.07107	0.05026	0.0508	2.89E-03	3.72E-07	3.91E-07	6.63E-07	6.46E-07	1.64E-07	1.66E-07	2.8961E-03
606927.8	4200948.22	66419.54995	0.09806	0.10117	0.08425	0.08145	0.04862	0.04898	2.33E-03	5.52E-07	5.76E-07	7.68E-07	7.40E-07	1.59E-07	1.60E-07	2.3282E-03
606947.8	4200948.22	63656.34327	0.10739	0.1106	0.08726	0.08408	0.04824	0.04857	2.23E-03	6.04E-07	6.30E-07	7.96E-07	7.64E-07	1.58E-07	1.59E-07	2.2317E-03
606967.8	4200948.22	61031.6774	0.11808	0.12146	0.09045	0.0868	0.04785	0.04814	2.14E-03	6.64E-07	6.92E-07	8.25E-07	7.88E-07	1.56E-07	1.57E-07	2.1399E-03
606987.8	4200948.22	58544.09574	0.13046	0.13388	0.09376	0.08957	0.04744	0.0477	2.05E-03	7.34E-07	7.63E-07	8.55E-07	8.14E-07	1.55E-07	1.56E-07	2.0531E-03
607007.8	4200948.22	56184.65135	0.14482	0.14827	0.09719	0.09235	0.04702	0.04725	1.97E-03	8.14E-07	8.45E-07	8.87E-07	8.39E-07	1.54E-07	1.54E-07	1.9707E-03
607027.8	4200948.22	53937.64865	0.16186	0.165	0.10069	0.09512	0.04658	0.04679	1.89E-03	9.10E-07	9.40E-07	9.18E-07	8.64E-07	1.52E-07	1.53E-07	1.8922E-03
607047.8	4200948.22	51800.39776	0.18196	0.18465	0.10421	0.09784	0.04614	0.04632	1.81E-03	1.02E-06	1.05E-06	9.51E-07	8.89E-07	1.51E-07	1.51E-07	1.8177E-03
607067.8	4200948.22	49771.13038	0.20581	0.2077	0.10768	0.10041	0.04569	0.04584	1.74E-03	1.16E-06	1.18E-06	9.82E-07	9.12E-07	1.49E-07	1.50E-07	1.7470E-03
607087.8	4200948.22	47845.15947	0.23438	0.23501	0.111	0.10275	0.04523	0.04536	1.68E-03	1.32E-06	1.34E-06	1.01E-06	9.33E-07	1.48E-07	1.48E-07	1.6799E-03
607107.8	4200948.22	46013.69128	0.26897	0.26733	0.11413	0.10486	0.04476	0.04487	1.61E-03	1.51E-06	1.52E-06	1.04E-06	9.53E-07	1.46E-07	1.46E-07	1.6162E-03
607127.8	4200948.22	44267.64949	0.31133	0.30628	0.11699	0.10669	0.04429	0.04438	1.55E-03	1.75E-06	1.75E-06	1.07E-06	9.69E-07	1.45E-07	1.45E-07	1.5556E-03
607147.8	4200948.22	42614.13662	0.36295	0.35286	0.11928	0.10799	0.04381	0.04388	1.49E-03	2.04E-06	2.01E-06	1.09E-06	9.81E-07	1.43E-07	1.43E-07	1.4983E-03
607167.8	4200948.22	41032.04668	0.42803	0.41048	0.1212	0.10906	0.04333	0.04338	1.44E-03	2.41E-06	2.34E-06	1.11E-06	9.91E-07	1.42E-07	1.42E-07	1.4436E-03
607187.8	4200948.22	39529.44502	0.51022	0.48166	0.12246	0.10966	0.04284	0.04287	1.38E-03	2.87E-06	2.74E-06	1.12E-06	9.96E-07	1.40E-07	1.40E-07	1.3919E-03
607207.8	4200948.22	38099.72886	0.61665	0.57174	0.12315	0.10997	0.04235	0.04236	1.33E-03	3.47E-06	3.26E-06	1.12E-06	9.99E-07	1.38E-07	1.38E-07	1.3430E-03
607227.8	4200948.22	36739.37174	0.75859	0.68877	0.12343	0.11016	0.04186	0.04186	1.29E-03	4.27E-06	3.92E-06	1.13E-06	1.00E-06	1.37E-07	1.37E-07	1.2968E-03
606547.8	4200968.22	169721.1656	0.02991	0.03085	0.05035	0.0501	0.05428	0.05553	5.94E-03	1.68E-07	1.76E-07	4.59E-07	4.55E-07	1.78E-07	1.81E-07	5.9434E-03
606567.8	4200968.22	164194.3733	0.03113	0.03214	0.05163	0.05136	0.05443	0.05562	5.75E-03	1.75E-07	1.83E-07	4.71E-07	4.67E-07	1.78E-07	1.82E-07	5.7499E-03
606587.8	4200968.22	157754.318	0.03253	0.03359	0.05298	0.05268	0.05453	0.05565	5.52E-03	1.83E-07	1.91E-07	4.83E-07	4.79E-07	1.78E-07	1.82E-07	5.5245E-03
606607.8	4200968.22	150989.9718	0.03386	0.03499	0.05441	0.05408	0.05458	0.05565	5.29E-03	1.90E-07	1.99E-07	4.96E-07	4.91E-07	1.78E-07	1.82E-07	5.2878E-03
606627.8	4200968.22	143734.1759	0.0356	0.03686	0.05591	0.05553	0.05457	0.05558	5.03E-03	2.00E-07	2.10E-07	5.10E-07	5.04E-07	1.78E-07	1.81E-07	5.0338E-03
606647.8	4200968.22	136874.0164	0.03714	0.03842	0.05748	0.05706	0.05454	0.05549	4.79E-03	2.09E-07	2.19E-07	5.24E-07	5.18E-07	1.78E-07	1.81E-07	4.7937E-03
606667.8	4200968.22	130437.7494	0.03864	0.0402	0.05982	0.05912	0.05449	0.05538	4.57E-03	2.17E-07	2.29E-07	5.46E-07	5.37E-07	1.78E-07	1.81E-07	4.5684E-03
606687.8	4200968.22	124073.4801	0.04048	0.04215	0.06153	0.06093	0.05439	0.05523	4.34E-03	2.28E-07	2.40E-07	5.61E-07	5.53E-07	1.78E-07	1.80E-07	4.3456E-03
606707.8	4200968.22	117876.6332	0.04258	0.04437	0.06332	0.06265	0.05423	0.05502	4.13E-03	2.39E-07	2.53E-07	5.78E-07	5.69E-07	1.77E-07	1.80E-07	4.1287E-03
606727.8	4200968.22	112039.3679	0.04485	0.04676	0.06518	0.06442	0.05405	0.05478	3.92E-03	2.52E-07	2.66E-07	5.95E-07	5.85E-07	1.77E-07	1.79E-07	3.9244E-03
606747.8	4200968.22	106445.1752	0.04746	0.0495	0.06715	0.0663	0.05382	0.0545	3.73E-03	2.67E-07	2.82E-07	6.12E-07	6.02E-07	1.76E-07	1.78E-07	3.7287E-03
606767.8	4200968.22	101190.9469	0.05033	0.05251	0.06922	0.06826	0.05356	0.05419	3.54E-03	2.83E-07	2.99E-07	6.31E-07	6.20E-07	1.75E-07	1.77E-07	3.5448E-03
606787.8	4200968.22	96247.06128	0.05353	0.05586	0.0714	0.07032	0.05327	0.05386	3.37E-03	3.01E-07	3.18E-07	6.51E-07	6.39E-07	1.74E-07	1.76E-07	3.3718E-03
606907.8	4200968.22	72175.21083	0.08304	0.08624	0.08637	0.08421	0.05101	0.05136	2.53E-03	4.67E-07	4.91E-07	7.88E-07	7.65E-07	1.67E-07	1.68E-07	2.5296E-03
606927.8	4200968.22	68954.23852	0.09047	0.09403	0.0897	0.08723	0.05057	0.05088	2.41E-03	5.09E-07	5.36E-07	8.18E-07	7.92E-07	1.65E-07	1.66E-07	2.4170E-03
606947.8	4200968.22	65916.57911	0.09896	0.10277	0.0933	0.09045	0.05012	0.0504	2.31E-03	5.57E-07	5.86E-07	8.51E-07	8.22E-07	1.64E-07	1.65E-07	2.3108E-03
606967.8	4200968.22	63049.63174	0.10873	0.11283	0.09716	0.09386	0.04965	0.0499	2.21E-03	6.12E-07	6.43E-07	8.86E-07	8.53E-07	1.62E-07	1.63E-07	2.2106E-03
606987.8	4200968.22	60342.04403	0.12011	0.12447	0.10129	0.09744	0.04917	0.04939	2.11E-03	6.76E-07	7.09E-07	9.24E-07	8.85E-07	1.61E-07	1.61E-07	2.1160E-03
607007.8	4200968.22	57783.28174	0.13345	0.13807	0.1057	0.1012	0.04868	0.04887	2.02E-03	7.51E-07	7.87E-07	9.64E-07	9.19E-07	1.59E-07	1.60E-07	2.0267E-03
607027.8	4200968.22	55360.22297	0.14928	0.15399	0.11034	0.10504	0.04819	0.04835	1.94E-03	8.40E-07	8.77E-07	1.01E-06	9.54E-07	1.58E-07	1.58E-07	1.9421E-03
607047.8	4200968.22	53066.2864	0.1681	0.1728	0.1152	0.10899	0.04768	0.04781	1.86E-03	9.45E-07	9.85E-07	1.05E-06	9.90E-07	1.56E-07	1.56E-07	1.8621E-03
607067.8	4200968.22	50900.3727	0.19055	0.19503	0.12019	0.11292	0.04716	0.04728	1.78E-03	1.07E-06	1.11E-06	1.10E-06	1.03E-06	1.54E-07	1.54E-07	1.7866E-03
607087.8	4200968.22	48849.09309	0.21783	0.22175	0.1253	0.11678	0.04664	0.04673	1.71E-03	1.23E-06	1.26E-06	1.14E-06	1.06E-06	1.53E-07	1.53E-07	1.7152E-03
607107.8	4200968.22	46905.44523	0.25128	0.25382	0.13045	0.12054	0.04612	0.04619	1.64E-03	1.41E-06	1.45E-06	1.19E-06	1.09E-06	1.51E-07	1.51E-07	1.6476E-03
607127.8	4200968.22	45062.18293	0.29269	0.29283	0.1355	0.12405	0.04559	0.04564	1.58E-03	1.65E-06	1.67E-06	1.24E-06	1.13E-06	1.49E-07	1.49E-07	1.5836E-03

607147.8	4200968.22	43315.38876	0.34443	0.34056	0.14025	0.12715	0.04506	0.04508	1.52E-03	1.94E-06	1.94E-06	1.28E-06	1.16E-06	1.47E-07	1.47E-07	1.5230E-03
607167.8	4200968.22	41657.32047	0.41015	0.39981	0.14448	0.12973	0.04452	0.04453	1.46E-03	2.31E-06	2.28E-06	1.32E-06	1.18E-06	1.46E-07	1.45E-07	1.4658E-03
607187.8	4200968.22	40081.20314	0.49534	0.47458	0.14805	0.13177	0.04398	0.04398	1.40E-03	2.79E-06	2.70E-06	1.35E-06	1.20E-06	1.44E-07	1.44E-07	1.4115E-03
607207.8	4200968.22	38584.54916	0.60802	0.57062	0.15069	0.13322	0.04344	0.04342	1.35E-03	3.42E-06	3.25E-06	1.37E-06	1.21E-06	1.42E-07	1.42E-07	1.3603E-03
607227.8	4200968.22	37173.20233	0.75815	0.6946	0.1518	0.1336	0.04291	0.04287	1.30E-03	4.26E-06	3.96E-06	1.38E-06	1.21E-06	1.40E-07	1.40E-07	1.3125E-03
606527.8	4200988.22	215197.2598	0.0266	0.02752	0.05041	0.05014	0.05794	0.05926	7.53E-03	1.50E-07	1.57E-07	4.60E-07	4.55E-07	1.89E-07	1.93E-07	7.5355E-03
606547.8	4200988.22	206121.1785	0.02764	0.02864	0.05181	0.05139	0.05805	0.0593	7.22E-03	1.55E-07	1.63E-07	4.73E-07	4.67E-07	1.90E-07	1.94E-07	7.2178E-03
606567.8	4200988.22	195154.8536	0.02894	0.02986	0.05285	0.0527	0.05809	0.05927	6.83E-03	1.63E-07	1.70E-07	4.82E-07	4.79E-07	1.90E-07	1.93E-07	6.8339E-03
606587.8	4200988.22	183754.4458	0.03022	0.03122	0.05426	0.05409	0.05809	0.0592	6.43E-03	1.70E-07	1.78E-07	4.95E-07	4.91E-07	1.90E-07	1.93E-07	6.4348E-03
606607.8	4200988.22	172593.6763	0.03161	0.03268	0.05576	0.05553	0.05804	0.05908	6.04E-03	1.78E-07	1.86E-07	5.09E-07	5.04E-07	1.90E-07	1.93E-07	6.0441E-03
606627.8	4200988.22	162258.767	0.03287	0.03398	0.05735	0.05711	0.05795	0.05893	5.68E-03	1.85E-07	1.94E-07	5.23E-07	5.19E-07	1.90E-07	1.92E-07	5.6823E-03
606647.8	4200988.22	152568.2566	0.0342	0.03565	0.05947	0.05875	0.05781	0.05873	5.34E-03	1.92E-07	2.03E-07	5.42E-07	5.34E-07	1.89E-07	1.92E-07	5.3431E-03
606667.8	4200988.22	143665.5732	0.03587	0.03739	0.06149	0.06112	0.05764	0.05851	5.03E-03	2.02E-07	2.13E-07	5.61E-07	5.55E-07	1.89E-07	1.91E-07	5.0315E-03
606687.8	4200988.22	135502.4393	0.03748	0.03911	0.0633	0.06287	0.05745	0.05825	4.74E-03	2.11E-07	2.23E-07	5.77E-07	5.71E-07	1.88E-07	1.90E-07	4.7458E-03
606707.8	4200988.22	127818.4503	0.0393	0.04106	0.06522	0.06472	0.0572	0.05795	4.47E-03	2.21E-07	2.34E-07	5.95E-07	5.88E-07	1.87E-07	1.89E-07	4.4768E-03
606727.8	4200988.22	120647.4398	0.04135	0.04324	0.06724	0.06667	0.05691	0.05761	4.22E-03	2.33E-07	2.46E-07	6.13E-07	6.06E-07	1.86E-07	1.88E-07	4.2258E-03
606747.8	4200988.22	113909.9895	0.04374	0.04577	0.06942	0.06876	0.05658	0.05722	3.99E-03	2.46E-07	2.61E-07	6.33E-07	6.25E-07	1.85E-07	1.87E-07	3.9900E-03
606867.8	4200988.22	82653.51899	0.06455	0.06738	0.08434	0.08301	0.05405	0.05442	2.89E-03	3.63E-07	3.84E-07	7.69E-07	7.54E-07	1.77E-07	1.78E-07	2.8962E-03
606887.8	4200988.22	78616.46183	0.07006	0.07319	0.08759	0.08606	0.05356	0.05389	2.75E-03	3.94E-07	4.17E-07	7.99E-07	7.82E-07	1.75E-07	1.76E-07	2.7550E-03
606907.8	4200988.22	74850.19147	0.07615	0.07957	0.09108	0.08929	0.05305	0.05335	2.62E-03	4.28E-07	4.53E-07	8.31E-07	8.11E-07	1.73E-07	1.74E-07	2.6233E-03
606927.8	4200988.22	71321.9691	0.08284	0.08667	0.09491	0.09285	0.05253	0.0528	2.50E-03	4.66E-07	4.94E-07	8.66E-07	8.43E-07	1.72E-07	1.72E-07	2.4999E-03
606947.8	4200988.22	68012.73324	0.09048	0.09466	0.09909	0.09669	0.052	0.05223	2.38E-03	5.09E-07	5.39E-07	9.04E-07	8.78E-07	1.70E-07	1.70E-07	2.3842E-03
606967.8	4200988.22	64905.42088	0.09927	0.10386	0.10363	0.10083	0.05146	0.05166	2.27E-03	5.58E-07	5.92E-07	9.45E-07	9.16E-07	1.68E-07	1.69E-07	2.2756E-03
606987.8	4200988.22	61984.77782	0.10953	0.11454	0.10857	0.10526	0.05091	0.05108	2.17E-03	6.16E-07	6.53E-07	9.90E-07	9.56E-07	1.66E-07	1.67E-07	2.1736E-03
607007.8	4200988.22	59237.04278	0.12156	0.12707	0.11397	0.11003	0.05035	0.05049	2.07E-03	6.84E-07	7.24E-07	1.04E-06	1.00E-06	1.65E-07	1.65E-07	2.0776E-03
607027.8	4200988.22	56640.02352	0.13599	0.14191	0.11986	0.11514	0.04978	0.04989	1.98E-03	7.65E-07	8.09E-07	1.09E-06	1.05E-06	1.63E-07	1.63E-07	1.9870E-03
607047.8	4200988.22	54202.38527	0.15301	0.15935	0.1261	0.12044	0.04921	0.04929	1.90E-03	8.61E-07	9.08E-07	1.15E-06	1.09E-06	1.61E-07	1.61E-07	1.9019E-03
607067.8	4200988.22	51903.46353	0.17356	0.18024	0.13281	0.12602	0.04863	0.04869	1.82E-03	9.76E-07	1.03E-06	1.21E-06	1.14E-06	1.59E-07	1.59E-07	1.8218E-03
607087.8	4200988.22	49733.91801	0.19874	0.20563	0.14001	0.13181	0.04805	0.04809	1.74E-03	1.12E-06	1.17E-06	1.28E-06	1.20E-06	1.57E-07	1.57E-07	1.7462E-03
607107.8	4200988.22	47684.9446	0.22993	0.2365	0.14767	0.13779	0.04746	0.04748	1.67E-03	1.29E-06	1.35E-06	1.35E-06	1.25E-06	1.55E-07	1.55E-07	1.6750E-03
607127.8	4200988.22	45748.60052	0.26906	0.27459	0.15572	0.14383	0.04687	0.04688	1.60E-03	1.51E-06	1.56E-06	1.42E-06	1.31E-06	1.53E-07	1.53E-07	1.6077E-03
607147.8	4200988.22	43917.61723	0.31888	0.32211	0.16403	0.14975	0.04628	0.04627	1.54E-03	1.79E-06	1.84E-06	1.50E-06	1.36E-06	1.51E-07	1.51E-07	1.5443E-03
607167.8	4200988.22	42185.16499	0.38342	0.38214	0.17231	0.15534	0.04569	0.04566	1.48E-03	2.16E-06	2.18E-06	1.57E-06	1.41E-06	1.49E-07	1.49E-07	1.4845E-03
607187.8	4200988.22	40544.9609	0.4687	0.45905	0.18019	0.16033	0.04511	0.04506	1.42E-03	2.64E-06	2.62E-06	1.64E-06	1.46E-06	1.48E-07	1.47E-07	1.4281E-03
607207.8	4200988.22	38993.32682	0.58356	0.55906	0.18702	0.16431	0.04452	0.04445	1.37E-03	3.28E-06	3.19E-06	1.71E-06	1.49E-06	1.46E-07	1.45E-07	1.3751E-03
606527.8	4201008.22	277767.951	0.02482	0.02572	0.05169	0.05167	0.06202	0.06334	9.72E-03	1.40E-07	1.47E-07	4.71E-07	4.69E-07	2.03E-07	2.07E-07	9.7260E-03
606547.8	4201008.22	256239.1137	0.02578	0.02674	0.05305	0.05301	0.06202	0.06325	8.97E-03	1.45E-07	1.52E-07	4.84E-07	4.82E-07	2.03E-07	2.06E-07	8.9724E-03
606567.8	4201008.22	233278.3216	0.02688	0.0279	0.0545	0.05444	0.06194	0.0631	8.17E-03	1.51E-07	1.59E-07	4.97E-07	4.95E-07	2.03E-07	2.06E-07	8.1686E-03
606587.8	4201008.22	213362.1172	0.02801	0.0291	0.05603	0.05587	0.06182	0.06291	7.47E-03	1.58E-07	1.66E-07	5.11E-07	5.08E-07	2.02E-07	2.05E-07	7.4714E-03
606607.8	4201008.22	196241.1401	0.02923	0.03039	0.05759	0.05733	0.06165	0.06267	6.87E-03	1.64E-07	1.73E-07	5.25E-07	5.21E-07	2.02E-07	2.05E-07	6.8720E-03
606627.8	4201008.22	181611.0144	0.03046	0.0317	0.05932	0.05919	0.06145	0.0624	6.36E-03	1.71E-07	1.81E-07	5.41E-07	5.38E-07	2.01E-07	2.04E-07	6.3599E-03
606647.8	4201008.22	168773.8313	0.03174	0.03308	0.06108	0.06091	0.06121	0.06209	5.91E-03	1.79E-07	1.88E-07	5.57E-07	5.53E-07	2.00E-07	2.03E-07	5.9105E-03
606667.8	4201008.22	157172.792	0.03319	0.03462	0.06295	0.06274	0.06092	0.06173	5.50E-03	1.87E-07	1.97E-07	5.74E-07	5.70E-07	1.99E-07	2.01E-07	5.5044E-03
606687.8	4201008.22	146949.7501	0.03463	0.03617	0.06487	0.06462	0.0606	0.06136	5.14E-03	1.95E-07	2.06E-07	5.92E-07	5.87E-07	1.98E-07	2.00E-07	5.1466E-03
606827.8	4201008.22	95760.93592	0.05142	0.05409	0.08241	0.08162	0.0574	0.0578	3.35E-03	2.89E-07	3.08E-07	7.52E-07	7.41E-07	1.88E-07	1.89E-07	3.3550E-03
606847.8	4201008.22	90619.50105	0.05504	0.05794	0.08561	0.08453	0.05685	0.05721	3.17E-03	3.10E-07	3.30E-07	7.81E-07	7.68E-07	1.86E-07	1.87E-07	3.1751E-03
606867.8	4201008.22	85838.77625	0.05931	0.06201	0.08794	0.08697	0.05628	0.0566	3.01E-03	3.34E-07	3.53E-07	8.02E-07	7.90E-07	1.84E-07	1.85E-07	3.0078E-03
606887.8	4201008.22	81419.91321	0.06411	0.06726	0.09157	0.09044	0.0557	0.05598	2.85E-03	3.61E-07	3.83E-07	8.35E-07	8.22E-07	1.82E-07	1.83E-07	2.8532E-03
606907.8	4201008.22	77314.90958	0.06953	0.07299	0.09548	0.09413	0.0551	0.05535	2.71E-03	3.91E-07	4.16E-07	8.71E-07	8.55E-07	1.80E-07	1.81E-07	2.7096E-03
606927.8	4201008.22	73489.49003	0.07547	0.07938	0.09979	0.09821	0.0545	0.05471	2.57E-03	4.24E-07	4.52E-07	9.10E-07	8.92E-07	1.78E-07	1.79E-07	2.5758E-03
606947.8	4201008.22	69918.83217	0.08224	0.08656	0.10451	0.10267	0.05389	0.05406	2.45E-03	4.63E-07	4.93E-07	9.53E-07	9.33E-07	1.76E-07	1.76E-07	2.4510E-03
606967.8	4201008.22	66581.24574	0.09001	0.09483	0.10971	0.10752	0.05327	0.05341	2.33E-03	5.06E-07	5.40E-07	1.00E-06	9.77E-07	1.74E-07	1.74E-07	2.3343E-03
606987.8	4201008.22	63457.39974	0.09908	0.10443	0.11543	0.11282	0.05264	0.05275	2.22E-03	5.57E-07	5.95E-07	1.05E-06	1.02E-06	1.72E-07	1.72E-07	2.2252E-03
607007.8	4201008.22	60530.15223	0.1097	0.11571	0.12178	0.11862	0.05201	0.05209	2.12E-03	6.17E-07	6.59E-07	1.11E-06	1.08E-06	1.70E-07	1.70E-07	2.1229E-03
607027.8	4201008.22	57775.26653	0.12244	0.1291	0.12883	0.12497	0.05136	0.05142	2.02E-03	6.89E-07	7.36E-07	1.18E-06	1.14E-06	1.68E-07	1.68E-07	2.0267E-03
607047.8	4201008.22	55196.46306	0.1375	0.14491	0.1365	0.13178	0.05072	0.05076	1.93E-03	7.73E-07	8.26E-07	1.25E-06	1.20E-06	1.66E-07	1.66E-07	1.9367E-03
607067.8	4201008.22	52773.48878	0.15571	0.16395	0.14498	0.13918	0.05007	0.05009	1.85E-03	8.76E-07	9.34E-07	1.32E-06	1.26E-06	1.64E-07	1.63E-07	1.8523E-03
607087.8	4201008.22	50494.04669	0.17811	0.18724	0.15438	0.14718	0.04943	0.04942	1.77E-03	1.00E-06	1.07E-06	1.41E-06	1.34E-06	1.62E-07	1.61E-07	1.7729E-03
607107.8	4201008.22	48347.76374	0.20605	0.21588	0.16481	0.15585	0.04878	0.04876	1.69E-03	1.16E-06	1.23E-06	1.50E-06	1.42E-06	1.60E-07	1.59E-07	1.6982E-03
607127.8	4201008.22	46325.27347	0.24143	0.25171	0.17637	0.16515	0.04813	0.04809	1.62E-03	1.36E-06	1.43E-06	1.61E-06	1.50E-06	1.57E-07	1.57E-07	1.6280E-03
607147.8	4201008.22	44418.02553	0.28712	0.29719	0.18915	0.17502	0.04749	0.04743	1.56E-03	1.61E-06	1.69E-06	1.73E-06	1.59E-06	1.55E-07	1.55E-07	1.5620E-03
607167.8	4201008.22	42618.05725	0.34743	0.35588	0.2031	0.1853	0.04684	0.04677	1.49E-03	1.95E-06	2.03E-06	1.85E-06	1.68E-06	1.53E-07	1.53E-07	1.4998E-03
607187.8	4201008.22	40918.10695	0.42902	0.4329	0.21804	0.1957	0.0462	0.04611	1.43E-03	2.41E-06	2.47E-06	1.99E-06	1.78E-06	1.51E-07	1.51E-07	1.4415E-03
607207.8	4201008.22	39316.70218	0.54124	0.53497	0.2331	0.20543	0.04557	0.04546	1.38E-03	3.04E-06	3.05E-06	2.13E-06	1.87E-06	1.49E-07	1.48E-07	1.3868E-03
606787.8	4201028.22	112502.0795	0.04154	0.04362	0.07875	0.07845	0.06111	0.06153	3.94E-03	2.34E-07	2.49E-07	7.18E-07	7.13E-07	2.00E-07	2.01E-07	3.9409E-03
606807.8	4201028.22	105782.2065	0.04413	0.0464	0.08179	0.08142	0.06048	0.06087	3.70E-03	2.48E-07	2.64E-07	7.46E-07	7.40E-07	1.98E-07	1.99E-07	3.7057E-03
606827.8	4201028.22	99612.01016	0.04706	0.04954	0.08506	0.08462	0.05984	0.06018	3.49E-03	2.65E-07	2.82E-07	7.76E-07	7.69E-07	1.96E-07	1.96E-07	3.4898E-03
606847.8	4201028.22	93973.34368	0.05027	0.05298	0.08855	0.08784	0.05919	0.05948	3.29E-03	2.83E-07	3.02E-07	8.08E-07	7.98E-07	1.94E-07	1.94E-07	3.2925E-03
606867.8	4201028.22	88765.5092	0.05422	0.05681	0.09117	0.0906	0.05852	0.05877	3.11E-03	3.05E-07	3.24E-07	8.32E-07	8.23E-07	1.91E-07	1.92E-07	3.1103E-03
606887.8	4201028.22	83970.69697	0.05857	0.06157	0.09517	0.09448	0.05784	0.05806	2.94E-03	3.29E-07	3.51E-07	8.68E-07	8.58E-07	1.89E-07	1.90E-07	2.9425E-03
606907.8	4201028.22	79541.90893	0.06336	0.06667	0.09948	0.09862	0.05716	0.05734	2.78E-03	3.56E-07	3.80E-07	9.07E-07	8.96E-07	1.87E-07	1.87E-07	2.7876E-03
606927.8	4201028.22	75433.57891	0.06858	0.07235	0.10423	0.10321	0.05647	0.05661	2.64E-03	3.86E-07	4.12E-07	9.51E-07	9.38E-07	1.85E-07	1.85E-07	2.6439E-03
606947.8	4201028.22	71615.1711	0.0745	0.0787	0.10946	0.10824	0.05577	0.05588	2.51E-03	4.19E-07	4.48E-07	9.98E-07	9.83E-07	1.82E-07	1.82E-07	2.5104E-03
606967.8	4201028.22	68060.36359	0.08127	0.08601	0.11525	0.11377	0.05506	0.05515	2.38E-03	4.57E-07	4.90E-07	1.05E-06	1.03E-06	1.80E-07	1.80E-07	2.3861E-03
606987.8	4201028.22	64744.75071	0.08917	0.09449	0.12169	0.1199	0.05435	0.05441	2.27E-03	5.02E-07	5.38E-07	1.11E-06	1.09E-06	1.78E-07	1.78E-07	2.2702E-03
607007.8	4201028.22	61654.55836	0.0983	0.10438	0.12886	0.12664	0.05365	0.05368	2.16E-03	5.53E-07	5.95E-07	1.18E-06	1.15E-06	1.75E-07	1.75E-07	2.1623E-03
607027.8	4201028.22	58757.28481	0.10926	0.1161	0.13693	0.13417	0.05293	0.05294	2.06E-03	6.14E-07	6.61E-07	1.25E-06	1.22E-06	1.73E-07	1.73E-07	2.0611E-03
607047.8	4201028.22	56047.48389	0.12223	0.13001	0.14594	0.1425	0.05222	0.0522	1.96E-03	6.87E-07	7.41E-07	1.33E-06	1.29E-06	1.71E-07	1.70E-07	1.9666E-03
607067.8	4201028.22	53506.88398	0.13795	0.14688	0.15612	0.15178	0.0515	0.05146	1.87E-03	7.76E-07	8.37E-07	1.42E-06	1.38E-06	1.68E-07	1.68E-07	1.8780E-03
607087.8	4201028.22	51127.10511	0.15717	0.16748	0.16761	0.16209	0.05079	0.05073	1.79E-03	8.84E-07	9.54E-07	1.53E-06	1.47E-06	1.66E-07	1.66E-07	1.7951E-03
607107.8	4201028.22	48892.54301	0.18119	0.19296	0.18075	0.17365	0.05008	0.05	1.71E-03	1.02E-06	1.10E-06	1.65E-06	1.58E-06	1.64E-07	1.63E-07	1.7174E-03
607127.8	4201028.22	46792.39048	0.21169	0.22513	0.19587	0.18665	0.04937	0.04928	1.64E-03	1.19E-06	1.28E-06	1.79E-06	1.70E-06	1.61E-07	1.61E-07	1.6444E-03
607147.8	4201028.22	44815.49606	0.25144	0.2666	0.21345	0.20132	0.04866	0.04855	1.57E-03	1.41E-06	1.52E-06	1.95E-06	1.83E-06	1.59E-07	1.58E-07	1.5760E-03
607167.8	4201028.22	42957.35371	0.3042	0.32085	0.23387	0.2177	0.04796	0.04784	1.50E-03	1.71E-06	1.83E-06	2.13E-06	1.98E-06	1.57E-07	1.56E-07	1.5119E-03
607187.8	4201028.22	41207.90842	0.3765	0.39358	0.2577	0.2359	0.04727	0.04713	1.44E-03	2.12E-06	2.24E-06	2.35E-06	2.14E-06	1.55E-07	1.54E-07	1.4518E-03
606727.8	4201048.22	144434.0394	0.03259	0.03403	0.07215	0.07224	0.06589	0.0664	5.06E-03	1.83E-07	1.94E-07	6.58E-07	6.56E-07	2.15E-07	2.17E-07	5.0586E-03
606747.8	4201048.22	134367.8841	0.03428	0.03584	0.07478	0.07484	0.06521	0.06567	4.70E-03	1.93E-07	2.04E-07	6.82E-07	6.80E-07	2.13E-07	2.14E-07	4.7063E-03
606767.8	4201048.22	125302.784	0.03621	0.03791	0.07763	0.07765	0.0645	0.06491	4.39E-03	2.04E-07	2.16E-07	7.08E-07	7.05E-07	2.11E-07	2.12E-07	4.3890E-03
606787.8	4201048.22	117200.3527	0.03825	0.0401	0.08062	0.08061	0.06378	0.06414	4.10E-03	2.15E-07	2.28E-07	7.35E-07	7.32E-07	2.09E-07	2.09E-07	4.1054E-03
606807.8	4201048.22	109818.3421	0.04059	0.0426	0.08386	0.08382	0.06304	0.06335	3.84E-03	2.28E-07	2.43E-07	7.65E-07	7.61E-07	2.06E-07	2.07E-07	3.8470E-03
606827.8	4201048.22	103120.5608	0.04314	0.04534	0.08733	0.08725	0.06229	0.06256	3.61E-03	2.43E-07	2.58E-07	7.97E-07	7.93E-07	2.04E-07	2.04E-07	3.6127E-03
606847.8	4201048.22	96982.18144	0.04605	0.04846	0.09104	0.09061	0.06153	0.06175	3.40E-03	2.59E-07	2.76E-07	8.30E-07	8.23E-07	2.01E-07	2.02E-07	3.3978E-03
606867.8	4201048.22	91385.55215	0.04972	0.05201	0.09403	0.09386	0.06076	0.06094	3.20E-03	2.80E-07	2.96E-07	8.58E-07	8.53E-07	1.99E-07	1.99E-07	3.2020E-03
606887.8	4201048.22	86236.06136	0.05359	0.0563	0.09835	0.09812	0.05998	0.06013	3.02E-03	3.01E-07	3.21E-07	8.97E-07	8.91E-07	1.96E-07	1.96E-07	3.0218E-03
606907.8	4201048.22	81512.3386	0.05766	0.06074	0.10302	0.10268	0.0592	0.05932	2.85E-03	3.24E-07	3.46E-07	9.40E-07	9.33E-07	1.94E-07	1.94E-07	2.8566E-03
606927.8	4201048.22	77137.33996	0.06228	0.06574	0.10815	0.10771	0.05842	0.0585	2.70E-03	3.50E-07	3.75E-07	9.86E-07	9.78E-07	1.91E-07	1.91E-07	2.7036E-03
606947.8	4201048.22	73088.30092	0.06745	0.0713	0.11383	0.11327	0.05763	0.05768	2.56E-03	3.79E-07	4.06E-07	1.04E-06	1.03E-06	1.88E-07	1.88E-07	2.5620E-03
606967.8	4201048.22	69340.29165	0.07325	0.07758	0.12009	0.11939	0.05684	0.05687	2.43E-03	4.12E-07	4.42E-07	1.10E-06	1.08E-06	1.86E-07	1.86E-07	2.4309E-03
606987.8	4201048.22	65849.53203	0.07999	0.08495	0.12712	0.12623	0.05605	0.05605	2.31E-03	4.50E-07	4.84E-07	1.16E-06	1.15E-06	1.83E-07	1.83E-07	2.3089E-03
607007.8	4201048.22	62602.05527	0.08785	0.09355	0.13503	0.13389	0.05526	0.05523	2.19E-03	4.94E-07	5.33E-07	1.23E-06	1.22E-06	1.81E-07	1.80E-07	2.1955E-03
607027.8	4201048.22	59570.17241	0.09716	0.10362	0.14402	0.14252	0.05447	0.05442	2.09E-03	5.46E-07	5.90E-07	1.31E-06	1.29E-06	1.78E-07	1.78E-07	2.0896E-03
607047.8	4201048.22	56742.00597	0.10813	0.11558	0.15418	0.15224	0.05368	0.05361	1.99E-03	6.08E-07	6.59E-07	1.41E-06	1.38E-06	1.76E-07	1.75E-07	1.9909E-03
607067.8	4201048.22	54101.38951	0.12127	0.12996	0.16575	0.16322	0.0529	0.05281	1.89E-03	6.82E-07	7.40E-07	1.51E-06	1.48E-06	1.73E-07	1.72E-07	1.8988E-03
607087.8	4201048.22	51630.34531	0.13734	0.14756	0.17907	0.17575	0.05212	0.05201	1.81E-03	7.72E-07	8.41E-07	1.63E-06	1.60E-06	1.70E-07	1.70E-07	1.8127E-03
607107.8	4201048.22	49317.56357	0.15725	0.16931	0.19455	0.19011	0.05134	0.05122	1.73E-03	8.84E-07	9.65E-07	1.77E-06	1.73E-06	1.68E-07	1.67E-07	1.7322E-03
607127.8	4201048.22	47149.07415	0.18242	0.1968	0.2128	0.2068	0.05057	0.05043	1.65E-03	1.03E-06	1.12E-06	1.94E-06	1.88E-06	1.65E-07	1.65E-07	1.6569E-03
607147.8	4201048.22	45113.72943	0.21508	0.23233	0.23461	0.22635	0.04981	0.04965	1.58E-03	1.21E-06	1.32E-06	2.14E-06	2.06E-06	1.63E-07	1.62E-07	1.5864E-03
607167.8	4201048.22	43198.45355	0.25891	0.27978	0.26126	0.24964	0.04905	0.04888	1.51E-03	1.46E-06	1.59E-06	2.38E-06	2.27E-06	1.60E-07	1.60E-07	1.5204E-03
607187.8	4201048.22	41403.22709	0.31862	0.34397	0.29406	0.2773	0.0483	0.04812	1.45E-03	1.79E-06	1.96E-06	2.68E-06	2.52E-06	1.58E-07	1.57E-07	1.4588E-03
606527.8	4201068.22	530833.5298	0.02042	0.02105	0.05361	0.0539	0.07547	0.07666	1.86E-02	1.15E-07	1.20E-07	4.89E-07	4.90E-07	2.47E-07	2.50E-07	1.8586E-02
606547.8	4201068.22	429946.4651	0.02117	0.02184	0.05513	0.05542	0.07501	0.0761	1.51E-02	1.19E-07	1.24E-07	5.03E-07	5.03E-07	2.45E-07	2.48E-07	1.5054E-02
606567.8	4201068.22	351363.5706	0.02198	0.0227	0.05675	0.05705	0.07449	0.07549	1.23E-02	1.24E-07	1.29E-07	5.18E-07	5.18E-07	2.44E-07	2.46E-07	1.2303E-02
606587.8	4201068.22	300763.3814	0.02281	0.02357	0.05843	0.05874	0.07391	0.07483	1.05E-02	1.28E-07	1.34E-07	5.33E-07	5.34E-07	2.42E-07	2.44E-07	1.0531E-02
606607.8	4201068.22	264510.5256	0.02367	0.02448	0.0602	0.06051	0.07331	0.07414	9.26E-03	1.33E-07	1.39E-07	5.49E-07	5.50E-07	2.40E-07	2.42E-07	9.2621E-03
606627.8	4201068.22	236447.8945	0.02456	0.02543	0.06206	0.06238	0.07266	0.07342	8.28E-03	1.38E-07	1.45E-07	5.66E-07	5.67E-07	2.38E-07	2.40E-07	8.2797E-03
606647.8	4201068.22	213285.0268	0.0256	0.02652	0.06408	0.06441	0.07197	0.07266	7.47E-03	1.44E-07	1.51E-07	5.84E-07	5.85E-07	2.35E-07	2.37E-07	7.4688E-03
606667.8	4201068.22	194198.3656	0.02662	0.02762	0.06618	0.0665	0.07126	0.07188	6.80E-03	1.50E-07	1.57E-07	6.04E-07	6.04E-07	2.33E-07	2.35E-07	6.8007E-03
606687.8	4201068.22	177767.5309	0.02778	0.02885	0.06844	0.06876	0.07052	0.07107	6.22E-03	1.56E-07	1.64E-07	6.24E-07	6.25E-07	2.31E-07	2.32E-07	6.2255E-03
606707.8	4201068.22	163611.6529	0.02899	0.03014	0.07081	0.07112	0.06976	0.07025	5.73E-03	1.63E-07	1.72E-07	6.46E-07	6.46E-07	2.28E-07	2.29E-07	5.7300E-03
606727.8	4201068.22	151138.0328	0.03036	0.0316	0.07337	0.07367	0.06896	0.0694	5.29E-03	1.71E-07	1.80E-07	6.69E-07	6.69E-07	2.26E-07	2.27E-07	5.2933E-03
606747.8	4201068.22	140053.3296	0.03191	0.03325	0.07613	0.07642	0.06815	0.06853	4.90E-03	1.79E-07	1.89E-07	6.94E-07	6.94E-07	2.23E-07	2.24E-07	4.9053E-03
606767.8	4201068.22	130212.4463	0.03359	0.03504	0.07907	0.07935	0.06732	0.06764	4.56E-03	1.89E-07	2.00E-07	7.21E-07	7.21E-07	2.20E-07	2.21E-07	4.5609E-03
606787.8	4201068.22	121403.621	0.03542	0.03699	0.0822	0.08247	0.06647	0.06675	4.25E-03	1.99E-07	2.11E-07	7.50E-07	7.49E-07	2.17E-07	2.18E-07	4.2526E-03
606807.8	4201068.22	113412.592	0.03752	0.03924	0.08563	0.08589	0.06561	0.06584	3.97E-03	2.11E-07	2.24E-07	7.81E-07	7.80E-07	2.15E-07	2.15E-07	3.9729E-03
606827.8	4201068.22	106198.9826	0.03981	0.04169	0.08929	0.08955	0.06474	0.06493	3.72E-03	2.24E-07	2.38E-07	8.14E-07	8.13E-07	2.12E-07	2.12E-07	3.7204E-03
606847.8	4201068.22	99650.55016	0.04232	0.04438	0.09324	0.09333	0.06387	0.06402	3.49E-03	2.38E-07	2.53E-07	8.50E-07	8.48E-07	2.09E-07	2.09E-07	3.4913E-03
606867.8	4201068.22	93673.00958	0.04569	0.04749	0.09655	0.09675	0.06299	0.0631	3.28E-03	2.57E-07	2.71E-07	8.81E-07	8.79E-07	2.06E-07	2.06E-07	3.2821E-03
606887.8	4201068.22	88213.1994	0.04902	0.05137	0.10107	0.10128	0.06211	0.06219	3.09E-03	2.76E-07	2.93E-07	9.22E-07	9.20E-07	2.03E-07	2.03E-07	3.0911E-03
606907.8	4201068.22	83200.92066	0.05266	0.05531	0.10607	0.10626	0.06123	0.06128	2.91E-03	2.96E-07	3.15E-07	9.68E-07	9.65E-07	2.00E-07	2.00E-07	2.9157E-03
606927.8	4201068.22	78584.47405	0.05674	0.05978	0.11152	0.11166	0.06035	0.06036	2.75E-03	3.19E-07	3.41E-07	1.02E-06	1.01E-06	1.97E-07	1.97E-07	2.7543E-03
606947.8	4201068.22	74326.1211	0.06122	0.06457	0.11757	0.11768	0.05947	0.05946	2.60E-03	3.44E-07	3.68E-07	1.07E-06	1.07E-06	1.94E-07	1.94E-07	2.6053E-03
606967.8	4201068.22	70390.02413	0.06628	0.07005	0.12431	0.12437	0.0586	0.05855	2.46E-03	3.73E-07	3.99E-07	1.13E-06	1.13E-06	1.92E-07	1.91E-07	2.4677E-03
606987.8	4201068.22	66741.20427	0.07207	0.07637	0.13183	0.13184	0.05772	0.05765	2.34E-03	4.05E-07	4.35E-07	1.20E-06	1.20E-06	1.89E-07	1.88E-07	2.3402E-03
607007.8	4201068.22	63362.05576	0.07868	0.0836	0.14027	0.1402	0.05685	0.05676	2.22E-03	4.43E-07	4.76E-07	1.28E-06	1.27E-06	1.86E-07	1.85E-07	2.2221E-03
607027.8	4201068.22	60215.92756	0.08646	0.09213	0.14991	0.14973	0.05599	0.05587	2.11E-03	4.86E-07	5.25E-07	1.37E-06	1.36E-06	1.83E-07	1.82E-07	2.1122E-03
607047.8	4201068.22	57280.06993	0.09573	0.10227	0.16101	0.16066	0.05512	0.05499	2.01E-03	5.38E-07	5.83E-07	1.47E-06	1.46E-06	1.80E-07	1.79E-07	2.0097E-03
607067.8	4201068.22	54547.92034	0.10669	0.11432	0.17373	0.17314	0.05426	0.05411	1.91E-03	6.00E-07	6.51E-07	1.58E-06	1.57E-06	1.77E-07	1.77E-07	1.9144E-03
607087.8	4201068.22	51998.28657	0.11991	0.12893	0.18848	0.18757	0.05342	0.05325	1.82E-03	6.74E-07	7.35E-07	1.72E-06	1.70E-06	1.75E-07	1.74E-07	1.8256E-03
607107.8	4201068.22	49613.74451	0.1363	0.14706	0.20589	0.2045	0.05257	0.05239	1.74E-03	7.67E-07	8.38E-07	1.88E-06	1.86E-06	1.72E-07	1.71E-07	1.7426E-03
607127.8	4201068.22	47386.65325	0.15665	0.16965	0.22655	0.22446	0.05174	0.05154	1.66E-03	8.81E-07	9.67E-07	2.07E-06	2.04E-06	1.69E-07	1.68E-07	1.6653E-03
607147.8	4201068.22	45301.3717	0.18269	0.19866	0.25159	0.24843	0.05092	0.05071	1.59E-03	1.03E-06	1.13E-06	2.29E-06	2.26E-06	1.67E-07	1.66E-07	1.5930E-03
607167.8	4201068.22	43346.05729	0.21689	0.23697	0.28266	0.27779	0.0501	0.04988	1.52E-03	1.22E-06	1.35E-06	2.58E-06	2.52E-06	1.64E-07	1.63E-07	1.5255E-03
607187.8	4201068.22	41510.53146	0.26331	0.28924	0.32227	0.31453	0.0493	0.04907	1.45E-03	1.48E-06	1.65E-06	2.94E-06	2.86E-06	1.61E-07	1.60E-07	1.4625E-03
607207.8	4201068.22	39785.73014	0.3289	0.36351	0.37448	0.36178	0.04851	0.04827	1.39E-03	1.85E-06	2.07E-06	3.42E-06	3.29E-06	1.59E-07	1.58E-07	1.4038E-03
607227.8	4201068.22	38163.46122	0.42656	0.47459	0.44631	0.42462	0.04773	0.04748	1.34E-03	2.40E-06	2.70E-06	4.07E-06	3.86E-06	1.56E-07	1.55E-07	1.3494E-03
607247.8	4201068.22	36636.01359	0.58325	0.65243	0.55114	0.51185	0.04695	0.0467	1.28E-03	3.28E-06	3.72E-06	5.03E-06	4.65E-06	1.54E-07	1.52E-07	1.2996E-03
607267.8	4201068.22	35196.50107	0.86426	0.96507	0.7168	0.63975	0.0462	0.04594	1.23E-03	4.86E-06	5.50E-06	6.54E-06	5.81E-06	1.51E-07	1.50E-07	1.2552E-03
607287.8	4201068.22	33838.58958	1.45809	1.58626	1.00645	0.83985	0.04545	0.04518	1.18E-03	8.20E-06	9.04E-06	9.18E-06	7.63E-06	1.49E-07	1.47E-07	1.2190E-03
607307.8	4201068.22	32556.52752	3.00598	2.96884	1.53752	1.15462	0.04471	0.04444	1.14E-03	1.69E-05	1.69E-05	1.40E-05	1.05E-05	1.46E-07	1.45E-07	1.1984E-03
606527.8	4201088.22	572039.6666	0.01928	0.01983	0.05404	0.05441	0.08031	0.08142	2.00E-02	1.08E-07	1.13E-07	4.93E-07	4.94E-07	2.63E-07	2.66E-07	2.0028E-02
606547.8	4201088.22	464393.627	0.01998	0.02056	0.0556	0.05598	0.07965	0.08065	1.63E-02	1.12E-07	1.17E-07	5.07E-07	5.09E-07	2.60E-07	2.63E-07	1.6260E-02
606567.8	4201088.22	379268.6773	0.02069	0.02131	0.05723	0.05762	0.07893	0.07985	1.33E-02	1.16E-07	1.21E-07	5.22E-07	5.23E-07	2.58E-07	2.61E-07	1.3280E-02
606587.8	4201088.22	323029.052	0.02146	0.02212	0.05896	0.05938	0.07817	0.079	1.13E-02	1.21E-07	1.26E-07	5.38E-07	5.39E-07	2.56E-07	2.58E-07	1.1311E-02
606607.8	4201088.22	282624.1615	0.02224	0.02293	0.06076	0.06119	0.07738	0.07813	9.89E-03	1.25E-07	1.31E-07	5.54E-07	5.56E-07	2.53E-07	2.55E-07	9.8963E-03
606627.8	4201088.22	251010.8581	0.0231	0.02384	0.0627	0.06315	0.07656	0.07722	8.79E-03	1.30E-07	1.36E-07	5.72E-07	5.74E-07	2.50E-07	2.52E-07	8.7896E-03
606647.8	4201088.22	225536.8819	0.024	0.02479	0.06475	0.06521	0.0757	0.07629	7.90E-03	1.35E-07	1.41E-07	5.91E-07	5.92E-07	2.48E-07	2.49E-07	7.8978E-03
606667.8	4201088.22	204267.33	0.02498	0.02582	0.06693	0.0674	0.07483	0.07535	7.15E-03	1.40E-07	1.47E-07	6.10E-07	6.12E-07	2.45E-07	2.46E-07	7.1532E-03
606687.8	4201088.22	186167.0725	0.02605	0.02696	0.06928	0.06976	0.07393	0.07439	6.52E-03	1.47E-07	1.54E-07	6.32E-07	6.34E-07	2.42E-07	2.43E-07	6.5196E-03
606707.8	4201088.22	170607.6827	0.02721	0.02818	0.07176	0.07225	0.073	0.0734	5.97E-03	1.53E-07	1.61E-07	6.55E-07	6.56E-07	2.39E-07	2.40E-07	5.9749E-03
606727.8	4201088.22	157075.1416	0.02844	0.02949	0.0744	0.07489	0.07207	0.07241	5.50E-03	1.60E-07	1.68E-07	6.79E-07	6.80E-07	2.36E-07	2.36E-07	5.5012E-03
606747.8	4201088.22	145078.3664	0.02987	0.03099	0.07727	0.07777	0.0711	0.07139	5.08E-03	1.68E-07	1.77E-07	7.05E-07	7.06E-07	2.33E-07	2.33E-07	5.0813E-03
606767.8	4201088.22	134481.7196	0.03139	0.03261	0.08032	0.08082	0.07013	0.07037	4.71E-03	1.77E-07	1.86E-07	7.33E-07	7.34E-07	2.29E-07	2.30E-07	4.7104E-03
606787.8	4201088.22	125025.7634	0.03305	0.03437	0.08358	0.0841	0.06916	0.06935	4.38E-03	1.86E-07	1.96E-07	7.62E-07	7.64E-07	2.26E-07	2.26E-07	4.3794E-03
606807.8	4201088.22	116522.8335	0.0349	0.03634	0.08711	0.08764	0.06817	0.06832	4.08E-03	1.96E-07	2.07E-07	7.95E-07	7.96E-07	2.23E-07	2.23E-07	4.0818E-03
606827.8	4201088.22	108852.51	0.03694	0.0385	0.09092	0.09148	0.06718	0.06729	3.81E-03	2.08E-07	2.19E-07	8.29E-07	8.31E-07	2.20E-07	2.20E-07	3.8134E-03
606847.8	4201088.22	101920.131	0.03915	0.04085	0.09502	0.09558	0.0662	0.06626	3.57E-03	2.20E-07	2.33E-07	8.67E-07	8.68E-07	2.16E-07	2.16E-07	3.5708E-03
606867.8	4201088.22	95598.3288	0.04216	0.04359	0.09895	0.09926	0.06521	0.06523	3.35E-03	2.37E-07	2.48E-07	9.03E-07	9.02E-07	2.13E-07	2.13E-07	3.3495E-03
606887.8	4201088.22	89851.57984	0.04513	0.0471	0.10343	0.10403	0.06422	0.06422	3.15E-03	2.54E-07	2.68E-07	9.43E-07	9.45E-07	2.10E-07	2.10E-07	3.1485E-03
606907.8	4201088.22	84590.28953	0.04833	0.05051	0.10863	0.1093	0.06324	0.0632	2.96E-03	2.72E-07	2.88E-07	9.91E-07	9.93E-07	2.07E-07	2.06E-07	2.9644E-03
606927.8	4201088.22	79756.03135	0.05199	0.05446	0.11438	0.11506	0.06226	0.06219	2.79E-03	2.92E-07	3.10E-07	1.04E-06	1.05E-06	2.04E-07	2.03E-07	2.7953E-03
606947.8	4201088.22	75310.21302	0.05592	0.05873	0.12077	0.12149	0.06129	0.06119	2.64E-03	3.15E-07	3.35E-07	1.10E-06	1.10E-06	2.00E-07	2.00E-07	2.6398E-03
606967.8	4201088.22	71210.08104	0.06034	0.06349	0.12785	0.12863	0.06032	0.0602	2.49E-03	3.39E-07	3.62E-07	1.17E-06	1.17E-06	1.97E-07	1.96E-07	2.4964E-03
606987.8	4201088.22	67422.64601	0.06534	0.06891	0.13579	0.13663	0.05935	0.05922	2.36E-03	3.67E-07	3.93E-07	1.24E-06	1.24E-06	1.94E-07	1.93E-07	2.3640E-03
607007.8	4201088.22	63918.72776	0.07109	0.07513	0.14473	0.14565	0.0584	0.05824	2.24E-03	4.00E-07	4.28E-07	1.32E-06	1.32E-06	1.91E-07	1.90E-07	2.2416E-03
607027.8	4201088.22	60671.58929	0.07769	0.08233	0.1549	0.15591	0.05746	0.05728	2.12E-03	4.37E-07	4.69E-07	1.41E-06	1.42E-06	1.88E-07	1.87E-07	2.1282E-03
607047.8	4201088.22	57652.7147	0.08548	0.09076	0.16663	0.16773	0.05652	0.05632	2.02E-03	4.81E-07	5.17E-07	1.52E-06	1.52E-06	1.85E-07	1.84E-07	2.0228E-03
607067.8	4201088.22	54847.55833	0.09459	0.10071	0.18014	0.18136	0.05559	0.05538	1.92E-03	5.32E-07	5.74E-07	1.64E-06	1.65E-06	1.82E-07	1.81E-07	1.9249E-03
607087.8	4201088.22	52226.46936	0.10569	0.11287	0.19606	0.19743	0.05467	0.05444	1.83E-03	5.94E-07	6.43E-07	1.79E-06	1.79E-06	1.79E-07	1.78E-07	1.8336E-03
607107.8	4201088.22	49789.01928	0.11905	0.12758	0.21472	0.21625	0.05376	0.05352	1.74E-03	6.70E-07	7.27E-07	1.96E-06	1.96E-06	1.76E-07	1.75E-07	1.7487E-03
607127.8	4201088.22	47510.4985	0.1357	0.14591	0.23717	0.23891	0.05287	0.05262	1.66E-03	7.63E-07	8.31E-07	2.16E-06	2.17E-06	1.73E-07	1.72E-07	1.6696E-03
607147.8	4201088.22	45385.15424	0.15643	0.1689	0.26433	0.26635	0.05198	0.05172	1.59E-03	8.80E-07	9.62E-07	2.41E-06	2.42E-06	1.70E-07	1.69E-07	1.5959E-03
607167.8	4201088.22	43395.77565	0.18307	0.19873	0.29823	0.30052	0.05111	0.05085	1.52E-03	1.03E-06	1.13E-06	2.72E-06	2.73E-06	1.67E-07	1.66E-07	1.5272E-03
607187.8	4201088.22	41531.32301	0.21821	0.23855	0.34172	0.34424	0.05026	0.04998	1.45E-03	1.23E-06	1.36E-06	3.12E-06	3.13E-06	1.64E-07	1.63E-07	1.4631E-03
607207.8	4201088.22	39782.03753	0.2661	0.2937	0.39951	0.40207	0.04941	0.04913	1.39E-03	1.50E-06	1.67E-06	3.64E-06	3.65E-06	1.62E-07	1.60E-07	1.4035E-03
607227.8	4201088.22	38139.05752	0.33423	0.3738	0.47986	0.48202	0.04858	0.04829	1.34E-03	1.88E-06	2.13E-06	4.38E-06	4.38E-06	1.59E-07	1.58E-07	1.3483E-03
607247.8	4201088.22	36594.30598	0.43751	0.4984	0.59894	0.59935	0.04777	0.04747	1.28E-03	2.46E-06	2.84E-06	5.46E-06	5.44E-06	1.56E-07	1.55E-07	1.2977E-03
607267.8	4201088.22	35140.38765	0.61001	0.7135	0.79269	0.78713	0.04696	0.04666	1.23E-03	3.43E-06	4.07E-06	7.23E-06	7.15E-06	1.54E-07	1.52E-07	1.2524E-03
607287.8	4201088.22	33770.55465	0.94341	1.15085	1.15797	1.12953	0.04617	0.04587	1.18E-03	5.31E-06	6.56E-06	1.06E-05	1.03E-05	1.51E-07	1.50E-07	1.2153E-03
607307.8	4201088.22	32478.68813	1.71503	2.29712	2.03513	1.88382	0.0454	0.04509	1.14E-03	9.65E-06	1.31E-05	1.86E-05	1.71E-05	1.48E-07	1.47E-07	1.1958E-03
606527.8	4201108.22	600591.2841	0.01831	0.01878	0.05442	0.05485	0.08529	0.0863	2.10E-02	1.03E-07	1.07E-07	4.96E-07	4.98E-07	2.79E-07	2.82E-07	2.1028E-02
606547.8	4201108.22	490195.319	0.01892	0.01942	0.05597	0.05642	0.08441	0.08531	1.72E-02	1.06E-07	1.11E-07	5.11E-07	5.13E-07	2.76E-07	2.78E-07	1.7163E-02
606567.8	4201108.22	401109.503	0.01959	0.02012	0.05763	0.05811	0.08349	0.0843	1.40E-02	1.10E-07	1.15E-07	5.26E-07	5.28E-07	2.73E-07	2.75E-07	1.4044E-02
606587.8	4201108.22	341491.9018	0.02029	0.02085	0.05938	0.05988	0.08254	0.08325	1.20E-02	1.14E-07	1.19E-07	5.42E-07	5.44E-07	2.70E-07	2.72E-07	1.1957E-02
606607.8	4201108.22	297562.2013	0.02105	0.02164	0.06126	0.06179	0.08154	0.08218	1.04E-02	1.18E-07	1.23E-07	5.59E-07	5.61E-07	2.67E-07	2.68E-07	1.0419E-02
606627.8	4201108.22	263406.1657	0.02185	0.02248	0.06324	0.0638	0.08052	0.08108	9.22E-03	1.23E-07	1.28E-07	5.77E-07	5.80E-07	2.63E-07	2.65E-07	9.2235E-03
606647.8	4201108.22	235901.2877	0.02267	0.02334	0.06533	0.06591	0.07948	0.07997	8.26E-03	1.27E-07	1.33E-07	5.96E-07	5.99E-07	2.60E-07	2.61E-07	8.2607E-03

606667.8	4201108.22	212912.9897	0.02358	0.0243	0.06757	0.06817	0.07842	0.07884	7.45E-03	1.33E-07	1.38E-07	6.16E-07	6.19E-07	2.56E-07	2.57E-07	7.4559E-03
606687.8	4201108.22	193454.7136	0.02456	0.02532	0.06997	0.07059	0.07734	0.0777	6.77E-03	1.38E-07	1.44E-07	6.38E-07	6.41E-07	2.53E-07	2.54E-07	6.7747E-03
606707.8	4201108.22	176683.5886	0.02565	0.02647	0.07255	0.07319	0.07627	0.07657	6.19E-03	1.44E-07	1.51E-07	6.62E-07	6.65E-07	2.49E-07	2.50E-07	6.1877E-03
606727.8	4201108.22	162185.1711	0.0268	0.02767	0.07527	0.07593	0.07517	0.07541	5.68E-03	1.51E-07	1.58E-07	6.87E-07	6.90E-07	2.46E-07	2.46E-07	5.6801E-03
606747.8	4201108.22	149429.7389	0.02807	0.02901	0.0782	0.07887	0.07406	0.07425	5.23E-03	1.58E-07	1.65E-07	7.13E-07	7.16E-07	2.42E-07	2.42E-07	5.2336E-03
606767.8	4201108.22	138111.3083	0.0295	0.03052	0.08137	0.08207	0.07295	0.07309	4.84E-03	1.66E-07	1.74E-07	7.42E-07	7.46E-07	2.39E-07	2.39E-07	4.8375E-03
606787.8	4201108.22	128097.2486	0.03101	0.0321	0.08472	0.08545	0.07183	0.07193	4.48E-03	1.74E-07	1.83E-07	7.73E-07	7.76E-07	2.35E-07	2.35E-07	4.4869E-03
606807.8	4201108.22	119124.3733	0.03267	0.03385	0.08834	0.08911	0.07072	0.07077	4.17E-03	1.84E-07	1.93E-07	8.06E-07	8.09E-07	2.31E-07	2.31E-07	4.1729E-03
606827.8	4201108.22	111042.428	0.03451	0.03578	0.09227	0.09309	0.0696	0.06962	3.89E-03	1.94E-07	2.04E-07	8.42E-07	8.46E-07	2.28E-07	2.27E-07	3.8900E-03
606847.8	4201108.22	103751.1281	0.03651	0.0379	0.09652	0.09737	0.06849	0.06847	3.63E-03	2.05E-07	2.16E-07	8.80E-07	8.85E-07	2.24E-07	2.23E-07	3.6349E-03
606867.8	4201108.22	97151.3491	0.03874	0.04025	0.10083	0.10156	0.06739	0.06734	3.40E-03	2.18E-07	2.29E-07	9.20E-07	9.23E-07	2.20E-07	2.20E-07	3.4039E-03
606887.8	4201108.22	91144.78939	0.04175	0.04326	0.10538	0.10636	0.0663	0.06621	3.19E-03	2.35E-07	2.46E-07	9.61E-07	9.66E-07	2.17E-07	2.16E-07	3.1937E-03
606907.8	4201108.22	85650.38585	0.04477	0.04653	0.11081	0.11188	0.06521	0.06509	3.00E-03	2.52E-07	2.65E-07	1.01E-06	1.02E-06	2.13E-07	2.12E-07	3.0015E-03
606927.8	4201108.22	80624.42055	0.04807	0.05006	0.11682	0.11797	0.06412	0.06398	2.82E-03	2.70E-07	2.85E-07	1.07E-06	1.07E-06	2.10E-07	2.09E-07	2.8257E-03
606947.8	4201108.22	76020.05581	0.05156	0.05382	0.12348	0.12474	0.06305	0.06289	2.66E-03	2.90E-07	3.07E-07	1.13E-06	1.13E-06	2.06E-07	2.05E-07	2.6647E-03
606967.8	4201108.22	71787.49972	0.05544	0.05796	0.13086	0.13225	0.06199	0.06181	2.51E-03	3.12E-07	3.30E-07	1.19E-06	1.20E-06	2.03E-07	2.02E-07	2.5167E-03
606987.8	4201108.22	67888.38743	0.05982	0.06261	0.13909	0.14067	0.06095	0.06074	2.38E-03	3.36E-07	3.57E-07	1.27E-06	1.28E-06	1.99E-07	1.98E-07	2.3803E-03
607007.8	4201108.22	64283.71478	0.06482	0.06798	0.14843	0.15018	0.05991	0.05968	2.25E-03	3.65E-07	3.87E-07	1.35E-06	1.36E-06	1.96E-07	1.95E-07	2.2544E-03
607027.8	4201108.22	60949.97074	0.07057	0.07417	0.15901	0.16102	0.05888	0.05864	2.13E-03	3.97E-07	4.23E-07	1.45E-06	1.46E-06	1.93E-07	1.91E-07	2.1379E-03
607047.8	4201108.22	57858.6902	0.07729	0.08132	0.17126	0.17358	0.05787	0.05761	2.03E-03	4.35E-07	4.63E-07	1.56E-06	1.58E-06	1.89E-07	1.88E-07	2.0300E-03
607067.8	4201108.22	54986.92709	0.08518	0.08978	0.18551	0.18822	0.05687	0.0566	1.93E-03	4.79E-07	5.12E-07	1.69E-06	1.71E-06	1.86E-07	1.85E-07	1.9298E-03
607087.8	4201108.22	52320.91751	0.09451	0.09981	0.2021	0.20533	0.05588	0.0556	1.83E-03	5.32E-07	5.69E-07	1.84E-06	1.87E-06	1.83E-07	1.81E-07	1.8369E-03
607107.8	4201108.22	49838.27664	0.10581	0.11197	0.22176	0.22567	0.05491	0.05461	1.74E-03	5.95E-07	6.38E-07	2.02E-06	2.05E-06	1.80E-07	1.78E-07	1.7505E-03
607127.8	4201108.22	47526.0012	0.11959	0.1268	0.2453	0.25016	0.05395	0.05365	1.66E-03	6.73E-07	7.22E-07	2.24E-06	2.27E-06	1.76E-07	1.75E-07	1.6701E-03
607147.8	4201108.22	45366.70515	0.13673	0.14534	0.27407	0.28027	0.05301	0.05269	1.59E-03	7.69E-07	8.28E-07	2.50E-06	2.55E-06	1.73E-07	1.72E-07	1.5952E-03
607167.8	4201108.22	43352.62409	0.15807	0.16866	0.30976	0.31786	0.05208	0.05176	1.52E-03	8.89E-07	9.61E-07	2.83E-06	2.89E-06	1.70E-07	1.69E-07	1.5256E-03
607187.8	4201108.22	41467.82616	0.18544	0.1989	0.35552	0.3664	0.05117	0.05085	1.45E-03	1.04E-06	1.13E-06	3.24E-06	3.33E-06	1.67E-07	1.66E-07	1.4608E-03
607207.8	4201108.22	39701.83094	0.2214	0.23923	0.41617	0.43133	0.05028	0.04995	1.39E-03	1.25E-06	1.36E-06	3.80E-06	3.92E-06	1.64E-07	1.63E-07	1.4006E-03
607227.8	4201108.22	38045.21817	0.27029	0.29506	0.50008	0.52233	0.0494	0.04907	1.33E-03	1.52E-06	1.68E-06	4.56E-06	4.74E-06	1.62E-07	1.60E-07	1.3448E-03
607247.8	4201108.22	36489.41547	0.34025	0.37668	0.62316	0.65811	0.04854	0.0482	1.28E-03	1.91E-06	2.15E-06	5.68E-06	5.98E-06	1.59E-07	1.57E-07	1.2935E-03
607267.8	4201108.22	35026.77519	0.44835	0.50629	0.81929	0.88012	0.04769	0.04735	1.23E-03	2.52E-06	2.88E-06	7.47E-06	8.00E-06	1.56E-07	1.55E-07	1.2474E-03
607287.8	4201108.22	33650.17791	0.63381	0.73976	1.17287	1.29618	0.04686	0.04652	1.18E-03	3.56E-06	4.21E-06	1.07E-05	1.18E-05	1.53E-07	1.52E-07	1.2086E-03
607307.8	4201108.22	32353.28618	0.97654	1.23148	1.93063	2.23698	0.04605	0.0457	1.13E-03	5.49E-06	7.02E-06	1.76E-05	2.03E-05	1.51E-07	1.49E-07	1.1834E-03
606527.8	4201128.22	622402.6966	0.01744	0.01784	0.05469	0.05518	0.09041	0.09129	2.18E-02	9.81E-08	1.02E-07	4.99E-07	5.01E-07	2.96E-07	2.98E-07	2.1792E-02
606547.8	4201128.22	509289.104	0.01803	0.01846	0.05629	0.05681	0.08929	0.09005	1.78E-02	1.01E-07	1.05E-07	5.13E-07	5.16E-07	2.92E-07	2.94E-07	1.7832E-02
606567.8	4201128.22	417941.1388	0.01865	0.01911	0.05798	0.05852	0.08812	0.08881	1.46E-02	1.05E-07	1.09E-07	5.29E-07	5.32E-07	2.88E-07	2.90E-07	1.4634E-02
606587.8	4201128.22	356124.8286	0.01929	0.01977	0.05974	0.06032	0.08695	0.08754	1.25E-02	1.08E-07	1.13E-07	5.45E-07	5.48E-07	2.84E-07	2.86E-07	1.2469E-02
606607.8	4201128.22	310025.3724	0.02	0.0205	0.06165	0.06225	0.08574	0.08626	1.09E-02	1.12E-07	1.17E-07	5.62E-07	5.65E-07	2.80E-07	2.82E-07	1.0856E-02
606627.8	4201128.22	273861.2741	0.02075	0.02128	0.06367	0.06431	0.08453	0.08495	9.59E-03	1.17E-07	1.21E-07	5.81E-07	5.84E-07	2.76E-07	2.77E-07	9.5896E-03
606647.8	4201128.22	244695.6191	0.02151	0.02208	0.06579	0.06646	0.08329	0.08365	8.57E-03	1.21E-07	1.26E-07	6.00E-07	6.04E-07	2.72E-07	2.73E-07	8.5686E-03
606667.8	4201128.22	220246.6531	0.02237	0.02297	0.06809	0.0688	0.08204	0.08234	7.71E-03	1.26E-07	1.31E-07	6.21E-07	6.25E-07	2.68E-07	2.69E-07	7.7127E-03
606687.8	4201128.22	199508.3459	0.02331	0.02396	0.07058	0.07132	0.08078	0.08102	6.98E-03	1.31E-07	1.37E-07	6.44E-07	6.48E-07	2.64E-07	2.64E-07	6.9867E-03
606707.8	4201128.22	181754.201	0.02433	0.02501	0.07323	0.07399	0.07953	0.07972	6.36E-03	1.37E-07	1.42E-07	6.68E-07	6.72E-07	2.60E-07	2.60E-07	6.3652E-03
606727.8	4201128.22	166420.9544	0.0254	0.02613	0.07602	0.07681	0.07827	0.0784	5.83E-03	1.43E-07	1.49E-07	6.93E-07	6.98E-07	2.56E-07	2.56E-07	5.8284E-03
606747.8	4201128.22	152957.7494	0.02659	0.02737	0.07903	0.07985	0.077	0.07708	5.35E-03	1.50E-07	1.56E-07	7.21E-07	7.25E-07	2.52E-07	2.52E-07	5.3572E-03
606767.8	4201128.22	141063.4646	0.0279	0.02874	0.08227	0.08312	0.07574	0.07577	4.94E-03	1.57E-07	1.64E-07	7.50E-07	7.55E-07	2.48E-07	2.47E-07	4.9408E-03
606787.8	4201128.22	130560.5513	0.02927	0.03017	0.08569	0.08659	0.07448	0.07447	4.57E-03	1.65E-07	1.72E-07	7.82E-07	7.87E-07	2.44E-07	2.43E-07	4.5732E-03
606807.8	4201128.22	121188.8291	0.03076	0.03173	0.08937	0.09032	0.07323	0.07319	4.24E-03	1.73E-07	1.81E-07	8.15E-07	8.20E-07	2.39E-07	2.39E-07	4.2452E-03
606827.8	4201128.22	112759.1573	0.03242	0.03346	0.09337	0.0944	0.07199	0.07191	3.95E-03	1.82E-07	1.91E-07	8.52E-07	8.58E-07	2.35E-07	2.35E-07	3.9501E-03
606847.8	4201128.22	105141.9003	0.03429	0.03541	0.09777	0.09889	0.07075	0.07064	3.68E-03	1.93E-07	2.02E-07	8.92E-07	8.98E-07	2.31E-07	2.31E-07	3.6836E-03
606867.8	4201128.22	98282.3591	0.03627	0.03754	0.10227	0.10317	0.06953	0.06939	3.44E-03	2.04E-07	2.14E-07	9.33E-07	9.37E-07	2.27E-07	2.26E-07	3.4435E-03
606887.8	4201128.22	92047.56285	0.03913	0.04034	0.10709	0.10837	0.06832	0.06815	3.22E-03	2.20E-07	2.30E-07	9.77E-07	9.84E-07	2.23E-07	2.22E-07	3.2254E-03
606907.8	4201128.22	86385.36981	0.04175	0.04314	0.11266	0.11407	0.06713	0.06693	3.02E-03	2.35E-07	2.46E-07	1.03E-06	1.04E-06	2.20E-07	2.18E-07	3.0273E-03
606927.8	4201128.22	81205.25737	0.04471	0.04627	0.11886	0.12043	0.06595	0.06572	2.84E-03	2.51E-07	2.64E-07	1.08E-06	1.09E-06	2.16E-07	2.15E-07	2.8460E-03
606947.8	4201128.22	76464.83698	0.04794	0.04975	0.12573	0.12743	0.06478	0.06453	2.68E-03	2.70E-07	2.83E-07	1.15E-06	1.16E-06	2.12E-07	2.11E-07	2.6802E-03
606967.8	4201128.22	72116.59084	0.05147	0.05343	0.1334	0.1353	0.06362	0.06336	2.52E-03	2.89E-07	3.04E-07	1.22E-06	1.23E-06	2.08E-07	2.07E-07	2.5282E-03
606987.8	4201128.22	68118.15034	0.05542	0.05757	0.14198	0.14415	0.06249	0.0622	2.38E-03	3.12E-07	3.28E-07	1.30E-06	1.31E-06	2.04E-07	2.03E-07	2.3884E-03
607007.8	4201128.22	64436.23041	0.05987	0.06229	0.15164	0.15408	0.06136	0.06106	2.26E-03	3.37E-07	3.55E-07	1.38E-06	1.40E-06	2.01E-07	1.99E-07	2.2597E-03
607027.8	4201128.22	61039.33569	0.06497	0.06767	0.16258	0.16536	0.06026	0.05995	2.14E-03	3.65E-07	3.86E-07	1.48E-06	1.50E-06	1.97E-07	1.96E-07	2.1411E-03
607047.8	4201128.22	57892.81803	0.07093	0.0739	0.17527	0.17851	0.05917	0.05884	2.03E-03	3.99E-07	4.21E-07	1.60E-06	1.62E-06	1.94E-07	1.92E-07	2.0312E-03
607067.8	4201128.22	54978.85813	0.07787	0.08118	0.18999	0.19382	0.05809	0.05776	1.92E-03	4.38E-07	4.63E-07	1.73E-06	1.76E-06	1.90E-07	1.89E-07	1.9295E-03
607087.8	4201128.22	52271.6115	0.08614	0.08986	0.20731	0.21191	0.05704	0.05669	1.83E-03	4.84E-07	5.12E-07	1.89E-06	1.93E-06	1.87E-07	1.85E-07	1.8352E-03
607107.8	4201128.22	49764.15029	0.09588	0.10011	0.22764	0.23324	0.056	0.05565	1.74E-03	5.39E-07	5.70E-07	2.08E-06	2.12E-06	1.83E-07	1.82E-07	1.7479E-03
607127.8	4201128.22	47427.0383	0.10777	0.11259	0.25215	0.25917	0.05498	0.05462	1.66E-03	6.06E-07	6.41E-07	2.30E-06	2.35E-06	1.80E-07	1.78E-07	1.6666E-03
607147.8	4201128.22	45249.1216	0.12229	0.12793	0.28205	0.29109	0.05398	0.05362	1.58E-03	6.88E-07	7.29E-07	2.57E-06	2.64E-06	1.77E-07	1.75E-07	1.5911E-03
607167.8	4201128.22	43219.66956	0.14003	0.14686	0.31917	0.33111	0.053	0.05263	1.51E-03	7.88E-07	8.37E-07	2.91E-06	3.01E-06	1.73E-07	1.72E-07	1.5210E-03
607187.8	4201128.22	41322.98801	0.16221	0.17079	0.36673	0.383	0.05204	0.05167	1.45E-03	9.12E-07	9.73E-07	3.35E-06	3.48E-06	1.70E-07	1.69E-07	1.4557E-03
607207.8	4201128.22	39547.97764	0.19045	0.20172	0.42971	0.45279	0.0511	0.05072	1.38E-03	1.07E-06	1.15E-06	3.92E-06	4.11E-06	1.67E-07	1.66E-07	1.3951E-03
607227.8	4201128.22	37884.71453	0.22744	0.24295	0.51667	0.55117	0.05017	0.04979	1.33E-03	1.28E-06	1.38E-06	4.71E-06	5.01E-06	1.64E-07	1.63E-07	1.3390E-03
607247.8	4201128.22	36324.23608	0.278	0.30054	0.64378	0.69901	0.04926	0.04888	1.27E-03	1.56E-06	1.71E-06	5.87E-06	6.35E-06	1.61E-07	1.60E-07	1.2875E-03
607267.8	4201128.22	34858.55876	0.35113	0.38671	0.84488	0.94262	0.04838	0.048	1.22E-03	1.97E-06	2.20E-06	7.71E-06	8.56E-06	1.58E-07	1.57E-07	1.2411E-03
607287.8	4201128.22	33480.28348	0.46313	0.52774	1.20172	1.40259	0.04751	0.04713	1.17E-03	2.60E-06	3.01E-06	1.10E-05	1.27E-05	1.55E-07	1.54E-07	1.2017E-03
607307.8	4201128.22	32182.45102	0.63308	0.7709	1.93945	2.44029	0.04665	0.04627	1.13E-03	3.56E-06	4.39E-06	1.77E-05	2.22E-05	1.53E-07	1.51E-07	1.1748E-03
606527.8	4201148.22	638144.5356	0.01669	0.01704	0.05494	0.05548	0.09561	0.09635	2.23E-02	9.39E-08	9.71E-08	5.01E-07	5.04E-07	3.13E-07	3.14E-07	2.2343E-02
606547.8	4201148.22	523768.317	0.01724	0.01761	0.05655	0.05712	0.09423	0.09487	1.83E-02	9.70E-08	1.00E-07	5.16E-07	5.19E-07	3.08E-07	3.10E-07	1.8338E-02
606567.8	4201148.22	431075.1552	0.01782	0.01821	0.05825	0.05885	0.09283	0.09336	1.51E-02	1.00E-07	1.04E-07	5.31E-07	5.35E-07	3.04E-07	3.05E-07	1.5093E-02
606587.8	4201148.22	367452.0899	0.01844	0.01885	0.06005	0.06069	0.09141	0.09185	1.29E-02	1.04E-07	1.07E-07	5.48E-07	5.51E-07	2.99E-07	3.00E-07	1.2866E-02
606607.8	4201148.22	319840.7368	0.01909	0.01953	0.06198	0.06265	0.08998	0.09035	1.12E-02	1.07E-07	1.11E-07	5.65E-07	5.69E-07	2.94E-07	2.95E-07	1.1199E-02
606627.8	4201148.22	282539.9592	0.01976	0.02022	0.06398	0.06469	0.08855	0.08884	9.89E-03	1.11E-07	1.15E-07	5.84E-07	5.88E-07	2.90E-07	2.90E-07	9.8934E-03
606647.8	4201148.22	251757.9139	0.02053	0.02101	0.06619	0.06694	0.08711	0.08733	8.81E-03	1.15E-07	1.20E-07	6.04E-07	6.08E-07	2.85E-07	2.85E-07	8.8158E-03
606667.8	4201148.22	226152.2463	0.02134	0.02185	0.06854	0.06934	0.08566	0.08583	7.92E-03	1.20E-07	1.24E-07	6.25E-07	6.30E-07	2.80E-07	2.80E-07	7.9194E-03
606687.8	4201148.22	204448.5187	0.02222	0.02277	0.07108	0.07191	0.08421	0.08432	7.16E-03	1.25E-07	1.30E-07	6.48E-07	6.53E-07	2.75E-07	2.75E-07	7.1597E-03
606707.8	4201148.22	185861.7439	0.02317	0.02375	0.07378	0.07465	0.08278	0.08284	6.51E-03	1.30E-07	1.35E-07	6.73E-07	6.78E-07	2.71E-07	2.70E-07	6.5090E-03
606727.8	4201148.22	169729.445	0.02422	0.02483	0.07668	0.07758	0.08134	0.08135	5.94E-03	1.36E-07	1.41E-07	6.99E-07	7.05E-07	2.66E-07	2.66E-07	5.9443E-03
606747.8	4201148.22	155702.8273	0.02531	0.02597	0.07973	0.08068	0.07991	0.07987	5.45E-03	1.42E-07	1.48E-07	7.27E-07	7.33E-07	2.61E-07	2.61E-07	5.4533E-03
606767.8	4201148.22	143395.0103	0.02646	0.02716	0.08296	0.08395	0.0785	0.07842	5.02E-03	1.49E-07	1.55E-07	7.57E-07	7.63E-07	2.57E-07	2.56E-07	5.0225E-03
606787.8	4201148.22	132426.7721	0.02776	0.02851	0.08647	0.08752	0.07709	0.07698	4.64E-03	1.56E-07	1.62E-07	7.89E-07	7.95E-07	2.52E-07	2.51E-07	4.6385E-03
606807.8	4201148.22	122681.1961	0.02915	0.02995	0.09023	0.09134	0.07571	0.07555	4.29E-03	1.64E-07	1.71E-07	8.23E-07	8.30E-07	2.48E-07	2.47E-07	4.2974E-03
606827.8	4201148.22	113944.0158	0.03069	0.03154	0.09432	0.09552	0.07433	0.07414	3.99E-03	1.73E-07	1.80E-07	8.60E-07	8.68E-07	2.43E-07	2.42E-07	3.9916E-03
606847.8	4201148.22	106091.3029	0.03238	0.03329	0.09877	0.10008	0.07297	0.07275	3.71E-03	1.82E-07	1.90E-07	9.01E-07	9.09E-07	2.39E-07	2.37E-07	3.7168E-03
606867.8	4201148.22	98994.85964	0.03427	0.03529	0.10338	0.10452	0.07162	0.07138	3.47E-03	1.93E-07	2.01E-07	9.43E-07	9.49E-07	2.34E-07	2.33E-07	3.4685E-03
606887.8	4201148.22	92593.9057	0.03678	0.03744	0.10856	0.11005	0.0703	0.07003	3.24E-03	2.07E-07	2.13E-07	9.90E-07	1.00E-06	2.30E-07	2.29E-07	3.2445E-03
606907.8	4201148.22	86770.37268	0.03935	0.04043	0.11423	0.11592	0.069	0.06871	3.04E-03	2.21E-07	2.30E-07	1.04E-06	1.05E-06	2.26E-07	2.24E-07	3.0407E-03
606927.8	4201148.22	81467.47543	0.04206	0.04329	0.1206	0.12248	0.06771	0.0674	2.85E-03	2.37E-07	2.47E-07	1.10E-06	1.11E-06	2.21E-07	2.20E-07	2.8552E-03
606947.8	4201148.22	76622.84071	0.04503	0.04645	0.12768	0.12974	0.06644	0.06611	2.68E-03	2.53E-07	2.65E-07	1.16E-06	1.18E-06	2.17E-07	2.16E-07	2.6858E-03
606967.8	4201148.22	72186.24616	0.04829	0.0498	0.13563	0.13794	0.06519	0.06485	2.53E-03	2.72E-07	2.84E-07	1.24E-06	1.25E-06	2.13E-07	2.12E-07	2.5306E-03
606987.8	4201148.22	68116.93468	0.05189	0.05357	0.14453	0.14713	0.06396	0.06361	2.38E-03	2.92E-07	3.05E-07	1.32E-06	1.34E-06	2.09E-07	2.08E-07	2.3884E-03
607007.8	4201148.22	64380.95592	0.05596	0.05778	0.15449	0.15744	0.06276	0.06239	2.25E-03	3.15E-07	3.29E-07	1.41E-06	1.43E-06	2.05E-07	2.04E-07	2.2578E-03
607027.8	4201148.22	60942.43856	0.06056	0.06256	0.16573	0.16912	0.06157	0.06119	2.13E-03	3.41E-07	3.56E-07	1.51E-06	1.54E-06	2.01E-07	2.00E-07	2.1377E-03
607047.8	4201148.22	57762.85996	0.06595	0.06809	0.17877	0.1827	0.06041	0.06002	2.02E-03	3.71E-07	3.88E-07	1.63E-06	1.66E-06	1.98E-07	1.96E-07	2.0267E-03
607067.8	4201148.22	54823.78762	0.07219	0.07452	0.19388	0.19851	0.05927	0.05887	1.92E-03	4.06E-07	4.25E-07	1.77E-06	1.80E-06	1.94E-07	1.92E-07	1.9241E-03
607087.8	4201148.22	52096.69499	0.07961	0.08217	0.2117	0.21725	0.05814	0.05774	1.82E-03	4.48E-07	4.68E-07	1.93E-06	1.97E-06	1.90E-07	1.88E-07	1.8291E-03
607107.8	4201148.22	49569.66989	0.08838	0.09123	0.23278	0.23952	0.05704	0.05663	1.74E-03	4.97E-07	5.20E-07	2.12E-06	2.18E-06	1.87E-07	1.85E-07	1.7411E-03
607127.8	4201148.22	47219.75589	0.0989	0.10211	0.25819	0.2666	0.05596	0.05555	1.65E-03	5.56E-07	5.82E-07	2.36E-06	2.42E-06	1.83E-07	1.81E-07	1.6594E-03
607147.8	4201148.22	45036.44556	0.1114	0.11515	0.28897	0.29975	0.05491	0.05449	1.58E-03	6.27E-07	6.56E-07	2.64E-06	2.72E-06	1.80E-07	1.78E-07	1.5837E-03
607167.8	4201148.22	43000.98755	0.12648	0.13107	0.32739	0.34158	0.05387	0.05345	1.51E-03	7.11E-07	7.47E-07	2.99E-06	3.10E-06	1.76E-07	1.74E-07	1.5133E-03
607187.8	4201148.22	41100.69174	0.14487	0.15074	0.37665	0.39596	0.05286	0.05244	1.44E-03	8.15E-07	8.59E-07	3.44E-06	3.60E-06	1.73E-07	1.71E-07	1.4479E-03
607207.8	4201148.22	39324.0991	0.16759	0.17548	0.44192	0.46932	0.05187	0.05145	1.38E-03	9.43E-07	1.00E-06	4.03E-06	4.26E-06	1.70E-07	1.68E-07	1.3873E-03
607227.8	4201148.22	37660.9642	0.19633	0.20743	0.53207	0.57313	0.0509	0.05047	1.32E-03	1.10E-06	1.18E-06	4.85E-06	5.21E-06	1.66E-07	1.65E-07	1.3312E-03
607247.8	4201148.22	36101.9924	0.23389	0.25038	0.66377	0.72984	0.04995	0.04953	1.26E-03	1.32E-06	1.43E-06	6.05E-06	6.63E-06	1.63E-07	1.62E-07	1.2796E-03
607267.8	4201148.22	34638.80045	0.28468	0.31105	0.87134	0.98918	0.04902	0.0486	1.21E-03	1.60E-06	1.77E-06	7.95E-06	8.99E-06	1.60E-07	1.59E-07	1.2333E-03
607287.8	4201148.22	33263.88416	0.3548	0.40019	1.23508	1.47896	0.04811	0.04769	1.16E-03	2.00E-06	2.28E-06	1.13E-05	1.34E-05	1.57E-07	1.56E-07	1.1938E-03
607307.8	4201148.22	31966.56044	0.45058	0.53166	1.97295	2.57589	0.04722	0.0468	1.12E-03	2.53E-06	3.03E-06	1.80E-05	2.34E-05	1.54E-07	1.53E-07	1.1664E-03
606527.8	4201168.22	650159.4594	0.01602	0.01632	0.05513	0.05572	0.1009	0.10145	2.28E-02	9.01E-08	9.30E-08	5.03E-07	5.06E-07	3.30E-07	3.31E-07	2.2763E-02
606547.8	4201168.22	534658.7462	0.01653	0.01686	0.05675	0.05737	0.09923	0.0997	1.87E-02	9.30E-08	9.61E-08	5.18E-07	5.21E-07	3.25E-07	3.25E-07	1.8720E-02
606567.8	4201168.22	440990.6956	0.01708	0.01742	0.05845	0.0591	0.09757	0.09795	1.54E-02	9.61E-08	9.93E-08	5.33E-07	5.37E-07	3.19E-07	3.20E-07	1.5441E-02
606587.8	4201168.22	376298.8013	0.01766	0.01802	0.06028	0.06096	0.0959	0.09619	1.32E-02	9.93E-08	1.03E-07	5.50E-07	5.54E-07	3.14E-07	3.14E-07	1.3176E-02
606607.8	4201168.22	327663.1473	0.01828	0.01865	0.06221	0.06294	0.09423	0.09444	1.15E-02	1.03E-07	1.06E-07	5.67E-07	5.72E-07	3.08E-07	3.08E-07	1.1473E-02
606627.8	4201168.22	289202.4892	0.01892	0.01932	0.06425	0.06502	0.09256	0.09271	1.01E-02	1.06E-07	1.10E-07	5.86E-07	5.91E-07	3.03E-07	3.03E-07	1.0127E-02
606647.8	4201168.22	257383.1005	0.01965	0.02006	0.06649	0.06731	0.0909	0.09099	9.01E-03	1.11E-07	1.14E-07	6.06E-07	6.11E-07	2.97E-07	2.97E-07	9.0128E-03
606667.8	4201168.22	230810.7054	0.02043	0.02087	0.06889	0.06976	0.08925	0.08928	8.08E-03	1.15E-07	1.19E-07	6.28E-07	6.34E-07	2.92E-07	2.91E-07	8.0825E-03
606687.8	4201168.22	208357.6623	0.02125	0.02171	0.07144	0.07236	0.08761	0.08759	7.29E-03	1.20E-07	1.24E-07	6.52E-07	6.57E-07	2.87E-07	2.86E-07	7.2965E-03
606707.8	4201168.22	188961.8345	0.02217	0.02266	0.07423	0.07519	0.08599	0.08592	6.62E-03	1.25E-07	1.29E-07	6.77E-07	6.83E-07	2.81E-07	2.80E-07	6.6176E-03
606727.8	4201168.22	172180.7895	0.02318	0.0237	0.07721	0.07822	0.08437	0.08425	6.03E-03	1.30E-07	1.35E-07	7.04E-07	7.11E-07	2.76E-07	2.75E-07	6.0301E-03
606747.8	4201168.22	157654.5635	0.02421	0.02476	0.08032	0.08137	0.08277	0.08261	5.52E-03	1.36E-07	1.41E-07	7.33E-07	7.39E-07	2.71E-07	2.70E-07	5.5216E-03
606767.8	4201168.22	144893.6618	0.02532	0.0259	0.08363	0.08473	0.0812	0.081	5.07E-03	1.42E-07	1.48E-07	7.63E-07	7.70E-07	2.66E-07	2.64E-07	5.0749E-03
606787.8	4201168.22	133609.337	0.02651	0.02713	0.08717	0.08833	0.07965	0.07942	4.68E-03	1.49E-07	1.55E-07	7.95E-07	8.02E-07	2.60E-07	2.59E-07	4.6800E-03
606807.8	4201168.22	123563.1528	0.02782	0.02847	0.091	0.09223	0.07812	0.07785	4.33E-03	1.56E-07	1.62E-07	8.30E-07	8.38E-07	2.55E-07	2.54E-07	4.3283E-03
606827.8	4201168.22	114606.5512	0.02923	0.02992	0.09511	0.09645	0.07661	0.07632	4.01E-03	1.64E-07	1.70E-07	8.68E-07	8.76E-07	2.51E-07	2.49E-07	4.0148E-03
606847.8	4201168.22	106554.693	0.03081	0.03154	0.09963	0.10108	0.07512	0.0748	3.73E-03	1.73E-07	1.80E-07	9.09E-07	9.18E-07	2.46E-07	2.44E-07	3.7331E-03
606867.8	4201168.22	99290.25475	0.03258	0.0334	0.10434	0.10568	0.07366	0.07331	3.48E-03	1.83E-07	1.90E-07	9.52E-07	9.60E-07	2.41E-07	2.39E-07	3.4788E-03
606887.8	4201168.22	92742.34709	0.03503	0.03577	0.10971	0.11143	0.07222	0.07185	3.25E-03	1.97E-07	2.04E-07	1.00E-06	1.01E-06	2.36E-07	2.35E-07	3.2497E-03
606907.8	4201168.22	86806.21532	0.03742	0.03828	0.11556	0.11747	0.0708	0.07042	3.04E-03	2.10E-07	2.18E-07	1.05E-06	1.07E-06	2.32E-07	2.30E-07	3.0420E-03
606927.8	4201168.22	81408.22595	0.04001	0.04099	0.12208	0.12418	0.0694	0.06901	2.85E-03	2.25E-07	2.34E-07	1.11E-06	1.13E-06	2.27E-07	2.25E-07	2.8532E-03
606947.8	4201168.22	76501.83754	0.04267	0.04377	0.12936	0.13171	0.06804	0.06763	2.68E-03	2.40E-07	2.49E-07	1.18E-06	1.20E-06	2.23E-07	2.21E-07	2.6816E-03
606967.8	4201168.22	72015.68587	0.04564	0.04682	0.13751	0.14015	0.0667	0.06628	2.52E-03	2.57E-07	2.67E-07	1.25E-06	1.27E-06	2.18E-07	2.16E-07	2.5247E-03
606987.8	4201168.22	67908.24016	0.04897	0.05023	0.14663	0.1496	0.06538	0.06495	2.38E-03	2.75E-07	2.86E-07	1.34E-06	1.36E-06	2.14E-07	2.12E-07	2.3811E-03
607007.8	4201168.22	64139.98055	0.05271	0.05408	0.15685	0.16021	0.0641	0.06365	2.25E-03	2.96E-07	3.08E-07	1.43E-06	1.46E-06	2.10E-07	2.08E-07	2.2494E-03
607027.8	4201168.22	60675.32823	0.05699	0.05845	0.16844	0.17227	0.06283	0.06238	2.12E-03	3.21E-07	3.33E-07	1.54E-06	1.56E-06	2.05E-07	2.04E-07	2.1284E-03
607047.8	4201168.22	57471.99218	0.06202	0.06356	0.18191	0.18637	0.06159	0.06113	2.01E-03	3.49E-07	3.62E-07	1.66E-06	1.69E-06	2.01E-07	2.00E-07	2.0165E-03
607067.8	4201168.22	54522.82243	0.06776	0.0694	0.19742	0.20264	0.06038	0.05992	1.91E-03	3.81E-07	3.95E-07	1.80E-06	1.84E-06	1.97E-07	1.96E-07	1.9136E-03
607087.8	4201168.22	51795.29525	0.07447	0.07623	0.21557	0.22179	0.05919	0.05873	1.81E-03	4.19E-07	4.34E-07	1.97E-06	2.01E-06	1.94E-07	1.92E-07	1.8185E-03
607107.8	4201168.22	49260.82262	0.0825	0.08444	0.23737	0.24491	0.05802	0.05756	1.72E-03	4.64E-07	4.81E-07	2.17E-06	2.22E-06	1.90E-07	1.88E-07	1.7303E-03
607127.8	4201168.22	46915.33706	0.09178	0.09399	0.26334	0.27266	0.05689	0.05642	1.64E-03	5.16E-07	5.36E-07	2.40E-06	2.48E-06	1.86E-07	1.84E-07	1.6488E-03
607147.8	4201168.22	44733.49789	0.10274	0.10538	0.29506	0.30691	0.05578	0.05531	1.57E-03	5.78E-07	6.00E-07	2.69E-06	2.79E-06	1.82E-07	1.81E-07	1.5731E-03
607167.8	4201168.22	42701.32108	0.11568	0.11903	0.33468	0.35016	0.05469	0.05422	1.49E-03	6.51E-07	6.78E-07	3.05E-06	3.18E-06	1.79E-07	1.77E-07	1.5029E-03
607187.8	4201168.22	40804.49785	0.13111	0.13558	0.38565	0.4066	0.05363	0.05316	1.43E-03	7.37E-07	7.72E-07	3.52E-06	3.69E-06	1.75E-07	1.74E-07	1.4376E-03
607207.8	4201168.22	39034.71368	0.14946	0.15569	0.45299	0.48255	0.05259	0.05212	1.37E-03	8.41E-07	8.87E-07	4.13E-06	4.38E-06	1.72E-07	1.70E-07	1.3772E-03
607227.8	4201168.22	37378.1346	0.17198	0.181	0.54633	0.5905	0.05157	0.05111	1.31E-03	9.67E-07	1.03E-06	4.98E-06	5.36E-06	1.69E-07	1.67E-07	1.3213E-03
607247.8	4201168.22	35826.33994	0.20006	0.21369	0.68282	0.75391	0.05058	0.05012	1.25E-03	1.13E-06	1.22E-06	6.23E-06	6.85E-06	1.65E-07	1.64E-07	1.2700E-03
607267.8	4201168.22	34370.82221	0.23573	0.25693	0.89764	1.02478	0.04961	0.04916	1.20E-03	1.33E-06	1.46E-06	8.19E-06	9.31E-06	1.62E-07	1.60E-07	1.2239E-03
607287.8	4201168.22	33003.16967	0.28237	0.3151	1.27431	1.53728	0.04867	0.04821	1.16E-03	1.59E-06	1.80E-06	1.16E-05	1.40E-05	1.59E-07	1.57E-07	1.1847E-03
607307.8	4201168.22	31714.9199	0.3424	0.39319	2.03248	2.67489	0.04774	0.04729	1.11E-03	1.93E-06	2.24E-06	1.85E-05	2.43E-05	1.56E-07	1.54E-07	1.1576E-03
606527.8	4201188.22	658451.6649	0.01542	0.01569	0.0553	0.05592	0.10621	0.10658	2.31E-02	8.67E-08	8.94E-08	5.04E-07	5.08E-07	3.47E-07	3.48E-07	2.3054E-02
606547.8	4201188.22	542130.4802	0.0159	0.01618	0.0569	0.05755	0.10425	0.10453	1.90E-02	8.94E-08	9.22E-08	5.19E-07	5.23E-07	3.41E-07	3.41E-07	1.8981E-02
606567.8	4201188.22	447902.7753	0.01642	0.01672	0.05862	0.05931	0.10231	0.10251	1.57E-02	9.23E-08	9.53E-08	5.35E-07	5.39E-07	3.35E-07	3.35E-07	1.5683E-02
606587.8	4201188.22	382755.3188	0.01697	0.01729	0.06045	0.06118	0.10038	0.1005	1.34E-02	9.54E-08	9.85E-08	5.51E-07	5.56E-07	3.28E-07	3.28E-07	1.3402E-02
606607.8	4201188.22	333584.284	0.01755	0.01788	0.06238	0.06315	0.09845	0.09851	1.17E-02	9.87E-08	1.02E-07	5.69E-07	5.74E-07	3.22E-07	3.22E-07	1.1680E-02
606627.8	4201188.22	294217.3567	0.01817	0.01852	0.06445	0.06527	0.09656	0.09654	1.03E-02	1.02E-07	1.06E-07	5.88E-07	5.93E-07	3.16E-07	3.15E-07	1.0302E-02
606647.8	4201188.22	261610.4929	0.01886	0.01922	0.06671	0.06758	0.09468	0.0946	9.16E-03	1.06E-07	1.10E-07	6.08E-07	6.14E-07	3.10E-07	3.09E-07	9.1608E-03
606667.8	4201188.22	234301.3073	0.0196	0.01998	0.06913	0.07006	0.09282	0.09268	8.20E-03	1.10E-07	1.14E-07	6.31E-07	6.36E-07	3.04E-07	3.03E-07	8.2048E-03
606687.8	4201188.22	211014.2219	0.02042	0.02082	0.07177	0.07275	0.09096	0.09079	7.39E-03	1.15E-07	1.19E-07	6.55E-07	6.61E-07	2.97E-07	2.96E-07	7.3896E-03
606707.8	4201188.22	191060.1403	0.0213	0.02171	0.07458	0.07562	0.08915	0.08894	6.69E-03	1.20E-07	1.24E-07	6.80E-07	6.87E-07	2.92E-07	2.90E-07	6.6910E-03
606727.8	4201188.22	173816.2322	0.02224	0.02268	0.07759	0.07868	0.08735	0.08709	6.09E-03	1.25E-07	1.29E-07	7.08E-07	7.15E-07	2.86E-07	2.84E-07	6.0874E-03
606747.8	4201188.22	158837.1874	0.02323	0.02369	0.08077	0.08191	0.08558	0.08529	5.56E-03	1.31E-07	1.35E-07	7.37E-07	7.44E-07	2.80E-07	2.78E-07	5.5630E-03
606767.8	4201188.22	145708.875	0.02429	0.02478	0.08415	0.08534	0.08384	0.08352	5.10E-03	1.37E-07	1.41E-07	7.68E-07	7.75E-07	2.74E-07	2.73E-07	5.1035E-03
606787.8	4201188.22	134129.3637	0.02544	0.02595	0.08776	0.08902	0.08214	0.08178	4.70E-03	1.43E-07	1.48E-07	8.00E-07	8.09E-07	2.69E-07	2.67E-07	4.6982E-03
606807.8	4201188.22	123852.045	0.02669	0.02723	0.09165	0.09299	0.08046	0.08008	4.34E-03	1.50E-07	1.55E-07	8.36E-07	8.45E-07	2.63E-07	2.61E-07	4.3385E-03
606827.8	4201188.22	114713.7316	0.02803	0.0286	0.09582	0.09726	0.07882	0.07841	4.02E-03	1.58E-07	1.63E-07	8.74E-07	8.84E-07	2.58E-07	2.56E-07	4.0186E-03
606847.8	4201188.22	106519.9864	0.02953	0.03012	0.10039	0.1018	0.0772	0.07678	3.73E-03	1.66E-07	1.72E-07	9.16E-07	9.25E-07	2.52E-07	2.51E-07	3.7318E-03
606867.8	4201188.22	99166.26193	0.0312	0.03182	0.10517	0.10669	0.07562	0.07517	3.47E-03	1.75E-07	1.81E-07	9.59E-07	9.69E-07	2.47E-07	2.45E-07	3.4745E-03
606887.8	4201188.22	92507.874	0.03366	0.03428	0.11072	0.1126	0.07406	0.0736	3.24E-03	1.89E-07	1.95E-07	1.01E-06	1.02E-06	2.42E-07	2.40E-07	3.2415E-03
606907.8	4201188.22	86500.87903	0.03586	0.03657	0.11671	0.11879	0.07253	0.07205	3.03E-03	2.02E-07	2.08E-07	1.06E-06	1.08E-06	2.37E-07	2.35E-07	3.0313E-03
606927.8	4201188.22	81062.11663	0.03818	0.039	0.12331	0.1256	0.07103	0.07055	2.84E-03	2.15E-07	2.22E-07	1.12E-06	1.14E-06	2.32E-07	2.30E-07	2.8411E-03
606947.8	4201188.22	76111.6393	0.0407	0.04156	0.13078	0.13336	0.06957	0.06907	2.66E-03	2.29E-07	2.37E-07	1.19E-06	1.21E-06	2.28E-07	2.25E-07	2.6679E-03
606967.8	4201188.22	71603.96177	0.04346	0.04438	0.13909	0.14203	0.06814	0.06763	2.51E-03	2.44E-07	2.53E-07	1.27E-06	1.29E-06	2.23E-07	2.21E-07	2.5103E-03
606987.8	4201188.22	67482.18338	0.04657	0.04754	0.14843	0.15174	0.06674	0.06622	2.36E-03	2.62E-07	2.71E-07	1.35E-06	1.38E-06	2.18E-07	2.16E-07	2.3662E-03
607007.8	4201188.22	63706.20841	0.05009	0.05112	0.15888	0.16262	0.06537	0.06485	2.23E-03	2.82E-07	2.91E-07	1.45E-06	1.48E-06	2.14E-07	2.12E-07	2.2342E-03
607027.8	4201188.22	60232.22311	0.05415	0.0552	0.17088	0.17514	0.06402	0.0635	2.11E-03	3.05E-07	3.15E-07	1.56E-06	1.59E-06	2.09E-07	2.07E-07	2.1129E-03
607047.8	4201188.22	57034.39552	0.05882	0.05991	0.18466	0.18956	0.06271	0.06218	2.00E-03	3.31E-07	3.41E-07	1.68E-06	1.72E-06	2.05E-07	2.03E-07	2.0012E-03
607067.8	4201188.22	54090.85488	0.06417	0.06531	0.20052	0.20623	0.06143	0.0609	1.89E-03	3.61E-07	3.72E-07	1.83E-06	1.87E-06	2.01E-07	1.99E-07	1.8985E-03
607087.8	4201188.22	51370.58341	0.07038	0.0716	0.21912	0.22588	0.06017	0.05965	1.80E-03	3.96E-07	4.08E-07	2.00E-06	2.05E-06	1.97E-07	1.95E-07	1.8037E-03
607107.8	4201188.22	48851.27806	0.07761	0.07895	0.24125	0.2494	0.05895	0.05843	1.71E-03	4.36E-07	4.50E-07	2.20E-06	2.27E-06	1.93E-07	1.91E-07	1.7160E-03
607127.8	4201188.22	46517.21813	0.0859	0.08748	0.26783	0.27782	0.05776	0.05724	1.63E-03	4.83E-07	4.98E-07	2.44E-06	2.52E-06	1.89E-07	1.87E-07	1.6348E-03
607147.8	4201188.22	44342.73092	0.09564	0.09764	0.30059	0.31323	0.05659	0.05607	1.55E-03	5.38E-07	5.56E-07	2.74E-06	2.85E-06	1.85E-07	1.83E-07	1.5594E-03
607167.8	4201188.22	42320.39771	0.10686	0.10955	0.34155	0.35792	0.05545	0.05493	1.48E-03	6.01E-07	6.24E-07	3.12E-06	3.25E-06	1.81E-07	1.79E-07	1.4896E-03
607187.8	4201188.22	40437.60781	0.11975	0.12353	0.39403	0.41597	0.05434	0.05382	1.42E-03	6.73E-07	7.04E-07	3.59E-06	3.78E-06	1.78E-07	1.76E-07	1.4248E-03
607207.8	4201188.22	38680.27049	0.13473	0.1402	0.46371	0.49445	0.05326	0.05274	1.35E-03	7.58E-07	7.99E-07	4.23E-06	4.49E-06	1.74E-07	1.72E-07	1.3648E-03
607227.8	4201188.22	37036.65489	0.15241	0.1605	0.56047	0.6061	0.0522	0.05169	1.30E-03	8.57E-07	9.14E-07	5.11E-06	5.51E-06	1.71E-07	1.69E-07	1.3093E-03
607247.8	4201188.22	35499.53429	0.17329	0.18523	0.70128	0.77428	0.05117	0.05067	1.24E-03	9.75E-07	1.06E-06	6.40E-06	7.03E-06	1.67E-07	1.65E-07	1.2586E-03
607267.8	4201188.22	34058.71846	0.19864	0.21573	0.92189	1.05147	0.05017	0.04967	1.19E-03	1.12E-06	1.23E-06	8.41E-06	9.55E-06	1.64E-07	1.62E-07	1.2130E-03
607287.8	4201188.22	32704.13168	0.23124	0.25489	1.31007	1.57568	0.04918	0.04869	1.14E-03	1.30E-06	1.45E-06	1.19E-05	1.43E-05	1.61E-07	1.59E-07	1.1743E-03
607307.8	4201188.22	31429.79493	0.27233	0.30614	2.09956	2.74205	0.04823	0.04774	1.10E-03	1.53E-06	1.74E-06	1.92E-05	2.49E-05	1.58E-07	1.56E-07	1.1480E-03
606527.8	4201208.22	663064.2951	0.01487	0.01511	0.05541	0.05606	0.11155	0.11171	2.32E-02	8.36E-08	8.61E-08	5.05E-07	5.09E-07	3.65E-07	3.65E-07	2.3215E-02
606547.8	4201208.22	545317.9257	0.01534	0.01559	0.05704	0.05772	0.10927	0.10935	1.91E-02	8.63E-08	8.88E-08	5.20E-07	5.24E-07	3.57E-07	3.57E-07	1.9093E-02
606567.8	4201208.22	452282.3256	0.01583	0.01609	0.05874	0.05947	0.10703	0.10703	1.58E-02	8.90E-08	9.17E-08	5.36E-07	5.40E-07	3.50E-07	3.49E-07	1.5836E-02

606587.8	4201208.22	387435.64	0.01635	0.01663	0.06057	0.06133	0.10482	0.10476	1.36E-02	9.20E-08	9.48E-08	5.52E-07	5.57E-07	3.43E-07	3.42E-07	1.3566E-02
606607.8	4201208.22	337779.9293	0.01691	0.0172	0.06251	0.06332	0.10265	0.10252	1.18E-02	9.51E-08	9.80E-08	5.70E-07	5.75E-07	3.36E-07	3.35E-07	1.1827E-02
606627.8	4201208.22	297672.6122	0.01751	0.01781	0.06461	0.06547	0.10051	0.10031	1.04E-02	9.85E-08	1.01E-07	5.89E-07	5.95E-07	3.29E-07	3.27E-07	1.0423E-02
606647.8	4201208.22	264437.4266	0.01817	0.01848	0.06687	0.06779	0.09838	0.09815	9.26E-03	1.02E-07	1.05E-07	6.10E-07	6.16E-07	3.22E-07	3.20E-07	9.2598E-03
606667.8	4201208.22	236330.1827	0.0189	0.01923	0.06936	0.07034	0.09631	0.09602	8.27E-03	1.06E-07	1.10E-07	6.33E-07	6.39E-07	3.15E-07	3.13E-07	8.2758E-03
606687.8	4201208.22	212589.9196	0.01967	0.02001	0.07198	0.07303	0.09425	0.09393	7.44E-03	1.11E-07	1.14E-07	6.57E-07	6.63E-07	3.08E-07	3.07E-07	7.4447E-03
606707.8	4201208.22	192252.1841	0.02048	0.02083	0.07478	0.07589	0.09225	0.09189	6.73E-03	1.15E-07	1.19E-07	6.82E-07	6.89E-07	3.02E-07	3.00E-07	6.7328E-03
606727.8	4201208.22	174583.5336	0.02138	0.02175	0.07783	0.079	0.09027	0.08987	6.11E-03	1.20E-07	1.24E-07	7.10E-07	7.18E-07	2.95E-07	2.93E-07	6.1143E-03
606747.8	4201208.22	159277.2461	0.02232	0.02271	0.08104	0.08227	0.08833	0.0879	5.58E-03	1.26E-07	1.29E-07	7.39E-07	7.47E-07	2.89E-07	2.87E-07	5.5785E-03
606767.8	4201208.22	145851.8679	0.02335	0.02376	0.08449	0.08577	0.08642	0.08597	5.11E-03	1.31E-07	1.35E-07	7.71E-07	7.79E-07	2.83E-07	2.81E-07	5.1085E-03
606787.8	4201208.22	134053.2142	0.02446	0.02488	0.08815	0.0895	0.08456	0.08408	4.69E-03	1.38E-07	1.42E-07	8.04E-07	8.13E-07	2.77E-07	2.74E-07	4.6955E-03
606807.8	4201208.22	123579.2745	0.02569	0.02613	0.09214	0.09357	0.08273	0.08223	4.33E-03	1.44E-07	1.49E-07	8.40E-07	8.50E-07	2.71E-07	2.68E-07	4.3289E-03
606827.8	4201208.22	114292.787	0.02702	0.02748	0.09641	0.09793	0.08094	0.08043	4.00E-03	1.52E-07	1.57E-07	8.79E-07	8.90E-07	2.65E-07	2.63E-07	4.0039E-03
606847.8	4201208.22	106000.8612	0.02872	0.02899	0.10094	0.10272	0.0792	0.07866	3.71E-03	1.62E-07	1.65E-07	9.21E-07	9.33E-07	2.59E-07	2.57E-07	3.7137E-03
606867.8	4201208.22	98597.01419	0.03047	0.03088	0.10602	0.10782	0.07749	0.07694	3.45E-03	1.71E-07	1.76E-07	9.67E-07	9.79E-07	2.53E-07	2.51E-07	3.4546E-03
606887.8	4201208.22	91927.59615	0.03236	0.03285	0.11151	0.1135	0.07582	0.07526	3.22E-03	1.82E-07	1.87E-07	1.02E-06	1.03E-06	2.48E-07	2.46E-07	3.2212E-03
606907.8	4201208.22	85891.71338	0.03443	0.03503	0.11759	0.11977	0.07419	0.07362	3.01E-03	1.94E-07	2.00E-07	1.07E-06	1.09E-06	2.43E-07	2.40E-07	3.0100E-03
606927.8	4201208.22	80430.08812	0.03663	0.03728	0.12438	0.12682	0.07259	0.07201	2.82E-03	2.06E-07	2.12E-07	1.13E-06	1.15E-06	2.37E-07	2.35E-07	2.8190E-03
606947.8	4201208.22	75482.17262	0.03898	0.03966	0.13193	0.13469	0.07103	0.07045	2.64E-03	2.19E-07	2.26E-07	1.20E-06	1.22E-06	2.32E-07	2.30E-07	2.6459E-03
606967.8	4201208.22	70976.27834	0.0416	0.04231	0.1404	0.14352	0.0695	0.06892	2.48E-03	2.34E-07	2.41E-07	1.28E-06	1.30E-06	2.27E-07	2.25E-07	2.4883E-03
606987.8	4201208.22	66862.20591	0.04455	0.04528	0.14993	0.15343	0.06802	0.06743	2.34E-03	2.51E-07	2.58E-07	1.37E-06	1.39E-06	2.22E-07	2.20E-07	2.3445E-03
607007.8	4201208.22	63098.37079	0.0479	0.04864	0.16063	0.16463	0.06656	0.06598	2.21E-03	2.69E-07	2.77E-07	1.47E-06	1.50E-06	2.18E-07	2.15E-07	2.2130E-03
607027.8	4201208.22	59633.55084	0.0518	0.05254	0.17298	0.17758	0.06514	0.06455	2.09E-03	2.91E-07	2.99E-07	1.58E-06	1.61E-06	2.13E-07	2.11E-07	2.0919E-03
607047.8	4201208.22	56460.33684	0.05617	0.05692	0.18702	0.19231	0.06376	0.06317	1.98E-03	3.16E-07	3.24E-07	1.71E-06	1.75E-06	2.09E-07	2.06E-07	1.9811E-03
607067.8	4201208.22	53533.94145	0.06122	0.062	0.20328	0.20943	0.06241	0.06182	1.87E-03	3.44E-07	3.53E-07	1.85E-06	1.90E-06	2.04E-07	2.02E-07	1.8790E-03
607087.8	4201208.22	50831.43152	0.06703	0.06787	0.22237	0.22965	0.06109	0.06051	1.78E-03	3.77E-07	3.87E-07	2.03E-06	2.09E-06	2.00E-07	1.98E-07	1.7848E-03
607107.8	4201208.22	48340.13559	0.07353	0.07449	0.24481	0.25351	0.05982	0.05923	1.69E-03	4.14E-07	4.24E-07	2.23E-06	2.30E-06	1.96E-07	1.93E-07	1.6981E-03
607127.8	4201208.22	46025.72848	0.08099	0.08222	0.27202	0.28267	0.05857	0.05799	1.61E-03	4.55E-07	4.68E-07	2.48E-06	2.57E-06	1.92E-07	1.89E-07	1.6177E-03
607147.8	4201208.22	43876.52667	0.08942	0.09109	0.30536	0.31864	0.05735	0.05678	1.54E-03	5.03E-07	5.19E-07	2.79E-06	2.89E-06	1.88E-07	1.85E-07	1.5432E-03
607167.8	4201208.22	41876.69824	0.09893	0.10131	0.34711	0.36419	0.05616	0.05559	1.47E-03	5.56E-07	5.77E-07	3.17E-06	3.31E-06	1.84E-07	1.81E-07	1.4740E-03
607187.8	4201208.22	40012.88595	0.10964	0.11314	0.40095	0.42364	0.055	0.05444	1.40E-03	6.17E-07	6.45E-07	3.66E-06	3.85E-06	1.80E-07	1.78E-07	1.4099E-03
607207.8	4201208.22	38271.09274	0.12191	0.12708	0.47316	0.50475	0.05387	0.05332	1.34E-03	6.86E-07	7.24E-07	4.32E-06	4.59E-06	1.76E-07	1.74E-07	1.3505E-03
607227.8	4201208.22	36647.56782	0.13558	0.14307	0.57245	0.61887	0.05278	0.05223	1.28E-03	7.63E-07	8.15E-07	5.22E-06	5.62E-06	1.73E-07	1.70E-07	1.2958E-03
607247.8	4201208.22	35127.38871	0.15153	0.16192	0.71796	0.79163	0.05171	0.05116	1.23E-03	8.52E-07	9.23E-07	6.55E-06	7.19E-06	1.69E-07	1.67E-07	1.2456E-03
607267.8	4201208.22	33707.05101	0.17012	0.18364	0.94285	1.07121	0.05067	0.05013	1.18E-03	9.57E-07	1.05E-06	8.60E-06	9.73E-06	1.66E-07	1.64E-07	1.2007E-03
607287.8	4201208.22	32368.23093	0.1944	0.21185	1.34409	1.60397	0.04965	0.04912	1.13E-03	1.09E-06	1.21E-06	1.23E-05	1.46E-05	1.62E-07	1.60E-07	1.1626E-03
607307.8	4201208.22	31110.49479	0.22396	0.24764	2.16176	2.7811	0.04866	0.04814	1.09E-03	1.26E-06	1.41E-06	1.97E-05	2.53E-05	1.59E-07	1.57E-07	1.1371E-03
606527.8	4201228.22	661489.4786	0.01437	0.01459	0.0555	0.05618	0.11686	0.11679	2.32E-02	8.08E-08	8.31E-08	5.06E-07	5.10E-07	3.82E-07	3.81E-07	2.3160E-02
606547.8	4201228.22	545698.9108	0.01482	0.01505	0.05712	0.05784	0.11426	0.11412	1.91E-02	8.33E-08	8.57E-08	5.21E-07	5.25E-07	3.74E-07	3.72E-07	1.9106E-02
606567.8	4201228.22	455585.6611	0.0153	0.01554	0.05885	0.05961	0.11171	0.1115	1.59E-02	8.60E-08	8.85E-08	5.37E-07	5.42E-07	3.65E-07	3.64E-07	1.5952E-02
606587.8	4201228.22	391128.7372	0.01579	0.01603	0.06064	0.06144	0.10922	0.10895	1.37E-02	8.88E-08	9.13E-08	5.53E-07	5.58E-07	3.57E-07	3.56E-07	1.3695E-02
606607.8	4201228.22	340585.2635	0.01634	0.01659	0.06262	0.06346	0.10677	0.10645	1.19E-02	9.19E-08	9.45E-08	5.71E-07	5.76E-07	3.49E-07	3.47E-07	1.1926E-02
606627.8	4201228.22	299743.1135	0.01692	0.01718	0.06472	0.06562	0.10438	0.10401	1.05E-02	9.52E-08	9.79E-08	5.90E-07	5.96E-07	3.41E-07	3.39E-07	1.0496E-02
606647.8	4201228.22	265715.0272	0.01757	0.01784	0.06702	0.06798	0.10203	0.10162	9.30E-03	9.88E-08	1.02E-07	6.11E-07	6.18E-07	3.34E-07	3.32E-07	9.3045E-03
606667.8	4201228.22	237151.1236	0.01826	0.01855	0.06949	0.07052	0.09973	0.09927	8.30E-03	1.03E-07	1.06E-07	6.34E-07	6.41E-07	3.26E-07	3.24E-07	8.3046E-03
606687.8	4201228.22	213031.5745	0.01898	0.01928	0.0721	0.0732	0.09747	0.09699	7.46E-03	1.07E-07	1.10E-07	6.58E-07	6.65E-07	3.19E-07	3.17E-07	7.4602E-03
606707.8	4201228.22	192338.5697	0.01975	0.02006	0.07491	0.07607	0.09528	0.09476	6.73E-03	1.11E-07	1.14E-07	6.83E-07	6.91E-07	3.12E-07	3.09E-07	6.7358E-03
606727.8	4201228.22	174426.4952	0.0206	0.02092	0.07795	0.07918	0.09311	0.09256	6.11E-03	1.16E-07	1.19E-07	7.11E-07	7.19E-07	3.04E-07	3.02E-07	6.1088E-03
606747.8	4201228.22	158844.7849	0.02153	0.02186	0.08122	0.08252	0.09099	0.09042	5.56E-03	1.21E-07	1.25E-07	7.41E-07	7.50E-07	2.98E-07	2.95E-07	5.5633E-03
606767.8	4201228.22	145237.555	0.02253	0.02287	0.08472	0.08608	0.08892	0.08833	5.08E-03	1.27E-07	1.30E-07	7.73E-07	7.82E-07	2.91E-07	2.88E-07	5.0870E-03
606787.8	4201228.22	133289.5433	0.02362	0.02397	0.08846	0.08989	0.08689	0.08629	4.67E-03	1.33E-07	1.37E-07	8.07E-07	8.17E-07	2.84E-07	2.82E-07	4.6688E-03
606807.8	4201228.22	122727.4697	0.02482	0.02518	0.0925	0.09402	0.08492	0.0843	4.30E-03	1.40E-07	1.43E-07	8.44E-07	8.54E-07	2.78E-07	2.75E-07	4.2991E-03
606827.8	4201228.22	113384.5187	0.02611	0.02648	0.09686	0.09844	0.08299	0.08236	3.97E-03	1.47E-07	1.51E-07	8.83E-07	8.94E-07	2.71E-07	2.69E-07	3.9721E-03
606847.8	4201228.22	105075.1952	0.02786	0.02795	0.10166	0.10335	0.08111	0.08047	3.68E-03	1.57E-07	1.59E-07	9.27E-07	9.39E-07	2.65E-07	2.63E-07	3.6813E-03
606867.8	4201228.22	97639.34195	0.02958	0.02998	0.10663	0.10852	0.07928	0.07863	3.42E-03	1.66E-07	1.71E-07	9.73E-07	9.86E-07	2.59E-07	2.57E-07	3.4211E-03
606887.8	4201228.22	90946.36417	0.03146	0.0319	0.11221	0.11426	0.07749	0.07683	3.18E-03	1.77E-07	1.82E-07	1.02E-06	1.04E-06	2.53E-07	2.51E-07	3.1869E-03
606907.8	4201228.22	84978.51084	0.03322	0.03368	0.11829	0.12054	0.07576	0.0751	2.98E-03	1.87E-07	1.92E-07	1.08E-06	1.09E-06	2.48E-07	2.45E-07	2.9781E-03
606927.8	4201228.22	79553.51035	0.03523	0.03574	0.12514	0.1277	0.07407	0.0734	2.79E-03	1.98E-07	2.04E-07	1.14E-06	1.16E-06	2.42E-07	2.40E-07	2.7883E-03
606947.8	4201228.22	74624.3872	0.03749	0.03801	0.13282	0.13572	0.07241	0.07174	2.61E-03	2.11E-07	2.17E-07	1.21E-06	1.23E-06	2.37E-07	2.34E-07	2.6159E-03
606967.8	4201228.22	70140.98152	0.04003	0.04056	0.14142	0.14475	0.07079	0.07013	2.46E-03	2.25E-07	2.31E-07	1.29E-06	1.31E-06	2.32E-07	2.29E-07	2.4591E-03
606987.8	4201228.22	66062.81619	0.04285	0.04338	0.15105	0.15479	0.06922	0.06856	2.31E-03	2.41E-07	2.47E-07	1.38E-06	1.41E-06	2.26E-07	2.24E-07	2.3165E-03
607007.8	4201228.22	62325.58266	0.04609	0.0466	0.16206	0.16635	0.06769	0.06703	2.18E-03	2.59E-07	2.66E-07	1.48E-06	1.51E-06	2.21E-07	2.19E-07	2.1859E-03
607027.8	4201228.22	58892.12817	0.04983	0.05033	0.17476	0.17968	0.06619	0.06553	2.06E-03	2.80E-07	2.87E-07	1.59E-06	1.63E-06	2.16E-07	2.14E-07	2.0660E-03
607047.8	4201228.22	55756.09515	0.05397	0.05447	0.18904	0.1947	0.06474	0.06408	1.95E-03	3.04E-07	3.10E-07	1.72E-06	1.77E-06	2.12E-07	2.09E-07	1.9565E-03
607067.8	4201228.22	52866.63263	0.0587	0.05922	0.20557	0.21217	0.06333	0.06268	1.85E-03	3.30E-07	3.37E-07	1.88E-06	1.93E-06	2.07E-07	2.05E-07	1.8557E-03
607087.8	4201228.22	50201.1965	0.06404	0.06462	0.22495	0.23275	0.06195	0.06131	1.76E-03	3.60E-07	3.68E-07	2.05E-06	2.11E-06	2.03E-07	2.00E-07	1.7628E-03
607107.8	4201228.22	47742.2587	0.06994	0.07068	0.24781	0.25707	0.06062	0.05998	1.67E-03	3.93E-07	4.03E-07	2.26E-06	2.34E-06	1.98E-07	1.96E-07	1.6772E-03
607127.8	4201228.22	45456.29124	0.07662	0.07767	0.27567	0.28696	0.05931	0.05868	1.59E-03	4.31E-07	4.43E-07	2.51E-06	2.61E-06	1.94E-07	1.92E-07	1.5978E-03
607147.8	4201228.22	43342.44604	0.08381	0.08535	0.30935	0.32332	0.05805	0.05743	1.52E-03	4.71E-07	4.86E-07	2.82E-06	2.94E-06	1.90E-07	1.87E-07	1.5245E-03
607167.8	4201228.22	41366.05819	0.09196	0.09429	0.35238	0.37025	0.05681	0.05619	1.45E-03	5.17E-07	5.37E-07	3.21E-06	3.36E-06	1.86E-07	1.83E-07	1.4562E-03
607187.8	4201228.22	39529.10638	0.10075	0.10423	0.40744	0.43099	0.05561	0.055	1.38E-03	5.67E-07	5.94E-07	3.72E-06	3.92E-06	1.82E-07	1.80E-07	1.3930E-03
607207.8	4201228.22	37812.80094	0.11053	0.11556	0.48124	0.51384	0.05444	0.05384	1.32E-03	6.22E-07	6.58E-07	4.39E-06	4.67E-06	1.78E-07	1.76E-07	1.3345E-03
607227.8	4201228.22	36213.34579	0.1212	0.12807	0.58263	0.63015	0.0533	0.05271	1.27E-03	6.82E-07	7.30E-07	5.31E-06	5.72E-06	1.74E-07	1.72E-07	1.2806E-03
607247.8	4201228.22	34714.63843	0.13378	0.14256	0.73206	0.80673	0.05219	0.05161	1.22E-03	7.52E-07	8.12E-07	6.68E-06	7.33E-06	1.71E-07	1.68E-07	1.2312E-03
607267.8	4201228.22	33313.75464	0.14861	0.15933	0.9652	1.0936	0.05112	0.05055	1.17E-03	8.36E-07	9.08E-07	8.80E-06	9.93E-06	1.67E-07	1.65E-07	1.1871E-03
607287.8	4201228.22	31998.88605	0.16682	0.18007	1.37476	1.62564	0.05008	0.04951	1.12E-03	9.38E-07	1.03E-06	1.25E-05	1.48E-05	1.64E-07	1.62E-07	1.1498E-03
607307.8	4201228.22	30760.58307	0.18887	0.2063	2.21814	2.80646	0.04906	0.0485	1.08E-03	1.06E-06	1.18E-06	2.02E-05	2.55E-05	1.60E-07	1.58E-07	1.1252E-03
606527.8	4201248.22	662987.0992	0.01391	0.01411	0.05555	0.05626	0.12208	0.1218	2.32E-02	7.82E-08	8.04E-08	5.07E-07	5.11E-07	3.99E-07	3.98E-07	2.3213E-02
606547.8	4201248.22	553860.0432	0.01435	0.01456	0.05719	0.05794	0.11918	0.11881	1.94E-02	8.07E-08	8.30E-08	5.22E-07	5.26E-07	3.90E-07	3.88E-07	1.9392E-02
606567.8	4201248.22	460869.4436	0.01483	0.01503	0.05894	0.05972	0.11632	0.11589	1.61E-02	8.34E-08	8.56E-08	5.38E-07	5.43E-07	3.80E-07	3.78E-07	1.6137E-02
606587.8	4201248.22	393710.4239	0.01531	0.01553	0.06076	0.06159	0.11353	0.11305	1.38E-02	8.61E-08	8.85E-08	5.54E-07	5.59E-07	3.71E-07	3.69E-07	1.3785E-02
606607.8	4201248.22	342011.135	0.01583	0.01605	0.0627	0.06358	0.11082	0.1103	1.20E-02	8.90E-08	9.14E-08	5.72E-07	5.78E-07	3.62E-07	3.60E-07	1.1976E-02
606627.8	4201248.22	299993.6691	0.01641	0.01664	0.06485	0.06579	0.10818	0.10761	1.05E-02	9.23E-08	9.48E-08	5.92E-07	5.98E-07	3.54E-07	3.51E-07	1.0505E-02
606647.8	4201248.22	265432.2963	0.01703	0.01727	0.06714	0.06814	0.10558	0.10498	9.29E-03	9.58E-08	9.84E-08	6.12E-07	6.19E-07	3.45E-07	3.43E-07	9.2947E-03
606667.8	4201248.22	236649.8789	0.01767	0.01792	0.06955	0.07062	0.10307	0.10243	8.28E-03	9.94E-08	1.02E-07	6.34E-07	6.42E-07	3.37E-07	3.34E-07	8.2870E-03
606687.8	4201248.22	212222.9088	0.01836	0.01861	0.07215	0.07329	0.1006	0.09995	7.43E-03	1.03E-07	1.06E-07	6.58E-07	6.66E-07	3.29E-07	3.26E-07	7.4319E-03
606707.8	4201248.22	191172.207	0.01914	0.0194	0.07503	0.07624	0.09819	0.09752	6.69E-03	1.08E-07	1.11E-07	6.84E-07	6.93E-07	3.21E-07	3.18E-07	6.6950E-03
606727.8	4201248.22	173156.9817	0.01995	0.02022	0.07806	0.07934	0.09584	0.09515	6.06E-03	1.12E-07	1.15E-07	7.12E-07	7.21E-07	3.13E-07	3.11E-07	6.0644E-03
606747.8	4201248.22	157496.2216	0.02084	0.02112	0.08134	0.0827	0.09355	0.09284	5.51E-03	1.17E-07	1.20E-07	7.42E-07	7.51E-07	3.06E-07	3.03E-07	5.5161E-03
606767.8	4201248.22	143812.6499	0.02183	0.02212	0.08489	0.08633	0.09131	0.09058	5.03E-03	1.23E-07	1.26E-07	7.74E-07	7.84E-07	2.99E-07	2.96E-07	5.0371E-03
606787.8	4201248.22	131888.1761	0.02286	0.02315	0.08862	0.09013	0.08914	0.0884	4.62E-03	1.29E-07	1.32E-07	8.08E-07	8.19E-07	2.92E-07	2.89E-07	4.6198E-03
606807.8	4201248.22	121313.4014	0.02405	0.02434	0.09274	0.09434	0.08701	0.08627	4.25E-03	1.35E-07	1.39E-07	8.46E-07	8.57E-07	2.85E-07	2.82E-07	4.2496E-03
606827.8	4201248.22	111997.4489	0.0253	0.0256	0.0972	0.09896	0.08495	0.0842	3.92E-03	1.42E-07	1.46E-07	8.87E-07	8.99E-07	2.78E-07	2.75E-07	3.9236E-03
606847.8	4201248.22	103721.719	0.02709	0.02731	0.10203	0.10384	0.08294	0.08219	3.63E-03	1.52E-07	1.56E-07	9.31E-07	9.43E-07	2.71E-07	2.68E-07	3.6339E-03
606867.8	4201248.22	96348.84171	0.02865	0.02895	0.10706	0.109	0.08099	0.08024	3.37E-03	1.61E-07	1.65E-07	9.77E-07	9.90E-07	2.65E-07	2.62E-07	3.3759E-03
606887.8	4201248.22	89720.88605	0.03038	0.03073	0.11263	0.11477	0.07909	0.07833	3.14E-03	1.71E-07	1.75E-07	1.03E-06	1.04E-06	2.59E-07	2.56E-07	3.1440E-03
606907.8	4201248.22	83772.0509	0.03215	0.03254	0.11887	0.12125	0.07725	0.07649	2.93E-03	1.81E-07	1.85E-07	1.08E-06	1.10E-06	2.53E-07	2.50E-07	2.9358E-03
606927.8	4201248.22	78399.39011	0.0341	0.0345	0.12581	0.12848	0.07545	0.07469	2.74E-03	1.92E-07	1.97E-07	1.15E-06	1.17E-06	2.47E-07	2.44E-07	2.7479E-03
606947.8	4201248.22	73550.99514	0.03623	0.03661	0.13346	0.13647	0.07371	0.07296	2.57E-03	2.04E-07	2.09E-07	1.22E-06	1.24E-06	2.41E-07	2.38E-07	2.5783E-03
606967.8	4201248.22	69136.11368	0.03863	0.039	0.14211	0.14556	0.07201	0.07126	2.42E-03	2.17E-07	2.22E-07	1.30E-06	1.32E-06	2.35E-07	2.33E-07	2.4239E-03
606987.8	4201248.22	65109.24032	0.04136	0.04172	0.15181	0.15575	0.07036	0.06961	2.28E-03	2.33E-07	2.38E-07	1.38E-06	1.41E-06	2.30E-07	2.27E-07	2.2831E-03
607007.8	4201248.22	61414.48882	0.04453	0.04486	0.1631	0.1676	0.06874	0.068	2.15E-03	2.50E-07	2.56E-07	1.49E-06	1.52E-06	2.25E-07	2.22E-07	2.1540E-03
607027.8	4201248.22	58032.25055	0.04812	0.04843	0.17602	0.1812	0.06717	0.06644	2.03E-03	2.71E-07	2.76E-07	1.61E-06	1.65E-06	2.20E-07	2.17E-07	2.0359E-03
607047.8	4201248.22	54942.01869	0.05208	0.05239	0.19058	0.19661	0.06565	0.06493	1.92E-03	2.93E-07	2.98E-07	1.74E-06	1.79E-06	2.15E-07	2.12E-07	1.9280E-03
607067.8	4201248.22	52104.72255	0.05646	0.0568	0.20734	0.21435	0.06418	0.06347	1.82E-03	3.18E-07	3.24E-07	1.89E-06	1.95E-06	2.10E-07	2.07E-07	1.8290E-03
607087.8	4201248.22	49482.47979	0.06138	0.06182	0.22707	0.23535	0.06274	0.06204	1.73E-03	3.45E-07	3.52E-07	2.07E-06	2.14E-06	2.05E-07	2.03E-07	1.7377E-03
607107.8	4201248.22	47063.55293	0.06672	0.06737	0.25041	0.26025	0.06135	0.06066	1.65E-03	3.75E-07	3.84E-07	2.28E-06	2.36E-06	2.01E-07	1.98E-07	1.6535E-03
607127.8	4201248.22	44818.02012	0.07259	0.07361	0.27877	0.29071	0.06	0.05931	1.57E-03	4.08E-07	4.19E-07	2.54E-06	2.64E-06	1.96E-07	1.94E-07	1.5754E-03
607147.8	4201248.22	42735.33408	0.07889	0.08047	0.31355	0.3283	0.05868	0.05801	1.50E-03	4.44E-07	4.58E-07	2.86E-06	2.98E-06	1.92E-07	1.89E-07	1.5033E-03
607167.8	4201248.22	40801.03958	0.08552	0.08793	0.35692	0.37565	0.0574	0.05674	1.43E-03	4.81E-07	5.01E-07	3.26E-06	3.41E-06	1.88E-07	1.85E-07	1.4364E-03
607187.8	4201248.22	38996.09009	0.09266	0.09618	0.4131	0.43773	0.05616	0.05551	1.37E-03	5.21E-07	5.48E-07	3.77E-06	3.98E-06	1.84E-07	1.81E-07	1.3744E-03
607207.8	4201248.22	37311.25247	0.10041	0.10522	0.48799	0.52184	0.05495	0.05431	1.31E-03	5.65E-07	5.99E-07	4.45E-06	4.74E-06	1.80E-07	1.77E-07	1.3169E-03
607227.8	4201248.22	35739.76859	0.10894	0.11503	0.59095	0.64002	0.05378	0.05314	1.25E-03	6.13E-07	6.55E-07	5.39E-06	5.81E-06	1.76E-07	1.73E-07	1.2640E-03
607247.8	4201248.22	34269.8672	0.11891	0.12616	0.74098	0.81719	0.05264	0.05202	1.20E-03	6.69E-07	7.19E-07	6.76E-06	7.42E-06	1.72E-07	1.70E-07	1.2157E-03
607267.8	4201248.22	32889.70541	0.13127	0.13982	0.98076	1.10993	0.05153	0.05092	1.15E-03	7.38E-07	7.97E-07	8.95E-06	1.01E-05	1.69E-07	1.66E-07	1.1723E-03
607287.8	4201248.22	31598.63942	0.14564	0.156	1.39624	1.64278	0.05045	0.04985	1.11E-03	8.19E-07	8.89E-07	1.27E-05	1.49E-05	1.65E-07	1.63E-07	1.1359E-03
607307.8	4201248.22	30383.3396	0.16239	0.17574	2.25472	2.82471	0.0494	0.04882	1.06E-03	9.13E-07	1.00E-06	2.06E-05	2.57E-05	1.62E-07	1.59E-07	1.1122E-03
606527.8	4201268.22	665754.9608	0.0135	0.01367	0.0556	0.05633	0.12725	0.12671	2.33E-02	7.59E-08	7.79E-08	5.07E-07	5.12E-07	4.16E-07	4.14E-07	2.3309E-02
606547.8	4201268.22	569640.2123	0.01393	0.01411	0.05724	0.05802	0.12399	0.12339	1.99E-02	7.83E-08	8.04E-08	5.22E-07	5.27E-07	4.05E-07	4.03E-07	1.9945E-02
606567.8	4201268.22	466436.535	0.01439	0.01457	0.059	0.05981	0.12083	0.12017	1.63E-02	8.09E-08	8.30E-08	5.38E-07	5.43E-07	3.95E-07	3.92E-07	1.6332E-02
606587.8	4201268.22	394911.251	0.01487	0.01506	0.06085	0.0617	0.11775	0.11705	1.38E-02	8.36E-08	8.58E-08	5.55E-07	5.60E-07	3.85E-07	3.82E-07	1.3828E-02
606607.8	4201268.22	341120.0883	0.01539	0.01559	0.06284	0.06374	0.11477	0.11404	1.19E-02	8.66E-08	8.88E-08	5.73E-07	5.79E-07	3.75E-07	3.72E-07	1.1944E-02
606627.8	4201268.22	298527.2768	0.01594	0.01614	0.06494	0.0659	0.11186	0.1111	1.05E-02	8.96E-08	9.20E-08	5.92E-07	5.99E-07	3.66E-07	3.63E-07	1.0453E-02
606647.8	4201268.22	263566.0412	0.01653	0.01674	0.0672	0.06823	0.10903	0.10824	9.23E-03	9.30E-08	9.54E-08	6.13E-07	6.20E-07	3.57E-07	3.53E-07	9.2293E-03
606667.8	4201268.22	234490.9076	0.01715	0.01737	0.0696	0.0707	0.10629	0.10548	8.21E-03	9.65E-08	9.90E-08	6.35E-07	6.42E-07	3.48E-07	3.44E-07	8.2115E-03
606687.8	4201268.22	209730.0048	0.01786	0.01808	0.07229	0.07346	0.10359	0.10277	7.34E-03	1.00E-07	1.03E-07	6.59E-07	6.67E-07	3.39E-07	3.35E-07	7.3447E-03
606707.8	4201268.22	188791.9135	0.0186	0.01882	0.0751	0.07635	0.101	0.10016	6.61E-03	1.05E-07	1.07E-07	6.85E-07	6.94E-07	3.30E-07	3.27E-07	6.6117E-03
606727.8	4201268.22	170730.1808	0.01941	0.01964	0.07818	0.07952	0.09845	0.09761	5.98E-03	1.09E-07	1.12E-07	7.13E-07	7.22E-07	3.22E-07	3.19E-07	5.9794E-03
606747.8	4201268.22	155107.6544	0.02031	0.02054	0.08152	0.08293	0.09598	0.09513	5.43E-03	1.14E-07	1.17E-07	7.44E-07	7.53E-07	3.14E-07	3.11E-07	5.4325E-03
606767.8	4201268.22	141659.7447	0.0212	0.02143	0.08494	0.08644	0.0936	0.09274	4.96E-03	1.19E-07	1.22E-07	7.75E-07	7.85E-07	3.06E-07	3.03E-07	4.9618E-03
606787.8	4201268.22	129834.4023	0.0222	0.02244	0.08869	0.09026	0.09127	0.09041	4.55E-03	1.25E-07	1.28E-07	8.09E-07	8.20E-07	2.98E-07	2.95E-07	4.5479E-03
606807.8	4201268.22	119378.6192	0.02334	0.02358	0.0928	0.09447	0.08901	0.08814	4.18E-03	1.31E-07	1.34E-07	8.46E-07	8.58E-07	2.91E-07	2.88E-07	4.1819E-03
606827.8	4201268.22	110167.4564	0.02456	0.0248	0.09723	0.0992	0.08681	0.08594	3.86E-03	1.38E-07	1.41E-07	8.87E-07	9.01E-07	2.84E-07	2.81E-07	3.8595E-03
606847.8	4201268.22	101996.8632	0.02623	0.02637	0.10229	0.10419	0.08468	0.08381	3.57E-03	1.48E-07	1.50E-07	9.33E-07	9.46E-07	2.77E-07	2.74E-07	3.5735E-03
606867.8	4201268.22	94717.31548	0.0278	0.02803	0.10732	0.10937	0.08261	0.08175	3.32E-03	1.56E-07	1.60E-07	9.79E-07	9.94E-07	2.70E-07	2.67E-07	3.3188E-03
606887.8	4201268.22	88196.65674	0.02944	0.02972	0.11291	0.11512	0.0806	0.07974	3.09E-03	1.66E-07	1.69E-07	1.03E-06	1.05E-06	2.64E-07	2.60E-07	3.0906E-03
606907.8	4201268.22	82343.35926	0.03115	0.03145	0.11917	0.12163	0.07865	0.0778	2.88E-03	1.75E-07	1.79E-07	1.09E-06	1.10E-06	2.57E-07	2.54E-07	2.8858E-03
606927.8	4201268.22	77066.39468	0.03304	0.03332	0.12613	0.12888	0.07676	0.07591	2.70E-03	1.86E-07	1.90E-07	1.15E-06	1.17E-06	2.51E-07	2.48E-07	2.7012E-03
606947.8	4201268.22	72290.98537	0.03513	0.03539	0.13391	0.137	0.07492	0.07409	2.53E-03	1.98E-07	2.02E-07	1.22E-06	1.24E-06	2.45E-07	2.42E-07	2.5342E-03
606967.8	4201268.22	67955.86605	0.03747	0.03771	0.14263	0.14613	0.07314	0.07231	2.38E-03	2.11E-07	2.15E-07	1.30E-06	1.33E-06	2.39E-07	2.36E-07	2.3826E-03
606987.8	4201268.22	64003.91008	0.04013	0.04034	0.15242	0.15642	0.0714	0.07059	2.24E-03	2.26E-07	2.30E-07	1.39E-06	1.42E-06	2.33E-07	2.30E-07	2.2444E-03
607007.8	4201268.22	60377.31017	0.0432	0.04338	0.16384	0.16851	0.06971	0.06891	2.11E-03	2.43E-07	2.47E-07	1.49E-06	1.53E-06	2.28E-07	2.25E-07	2.1177E-03
607027.8	4201268.22	57063.75146	0.04663	0.0468	0.17687	0.18226	0.06807	0.06728	2.00E-03	2.62E-07	2.67E-07	1.61E-06	1.66E-06	2.23E-07	2.20E-07	2.0020E-03
607047.8	4201268.22	54039.75173	0.05034	0.05052	0.19158	0.19786	0.06649	0.06571	1.89E-03	2.83E-07	2.88E-07	1.75E-06	1.80E-06	2.17E-07	2.14E-07	1.8964E-03
607067.8	4201268.22	51251.81905	0.05448	0.05473	0.20872	0.21611	0.06495	0.06418	1.79E-03	3.06E-07	3.12E-07	1.90E-06	1.96E-06	2.12E-07	2.09E-07	1.7992E-03
607087.8	4201268.22	48690.78356	0.05889	0.05929	0.22864	0.23732	0.06347	0.06271	1.70E-03	3.31E-07	3.38E-07	2.09E-06	2.16E-06	2.08E-07	2.05E-07	1.7099E-03
607107.8	4201268.22	46322.12281	0.06363	0.0643	0.2523	0.26265	0.06202	0.06128	1.62E-03	3.58E-07	3.66E-07	2.30E-06	2.39E-06	2.03E-07	2.00E-07	1.6275E-03
607127.8	4201268.22	44120.83604	0.06877	0.06987	0.28122	0.29384	0.06062	0.05988	1.54E-03	3.87E-07	3.98E-07	2.57E-06	2.67E-06	1.98E-07	1.95E-07	1.5510E-03
607147.8	4201268.22	42072.07517	0.07429	0.07602	0.3174	0.33301	0.05925	0.05853	1.47E-03	4.18E-07	4.33E-07	2.90E-06	3.03E-06	1.94E-07	1.91E-07	1.4801E-03
607167.8	4201268.22	40185.00431	0.0796	0.08214	0.36108	0.3808	0.05793	0.05723	1.41E-03	4.48E-07	4.68E-07	3.29E-06	3.46E-06	1.89E-07	1.87E-07	1.4149E-03
607187.8	4201268.22	38420.9084	0.08527	0.08876	0.41782	0.44363	0.05665	0.05596	1.35E-03	4.80E-07	5.06E-07	3.81E-06	4.03E-06	1.85E-07	1.83E-07	1.3543E-03
607207.8	4201268.22	36768.87799	0.09163	0.09608	0.49431	0.52963	0.0554	0.05472	1.29E-03	5.15E-07	5.47E-07	4.51E-06	4.81E-06	1.81E-07	1.79E-07	1.2980E-03
607227.8	4201268.22	35227.00845	0.09881	0.10408	0.59971	0.6508	0.05419	0.05352	1.23E-03	5.56E-07	5.93E-07	5.47E-06	5.91E-06	1.77E-07	1.75E-07	1.2461E-03
607247.8	4201268.22	33789.00542	0.10703	0.11301	0.75095	0.82959	0.05302	0.05237	1.18E-03	6.02E-07	6.44E-07	6.85E-06	7.54E-06	1.73E-07	1.71E-07	1.1989E-03
607267.8	4201268.22	32436.05125	0.11727	0.12423	0.99142	1.12154	0.05188	0.05124	1.14E-03	6.60E-07	7.08E-07	9.04E-06	1.02E-05	1.70E-07	1.67E-07	1.1565E-03
607287.8	4201268.22	31171.41834	0.12866	0.13714	1.40498	1.65468	0.05078	0.05015	1.09E-03	7.24E-07	7.81E-07	1.28E-05	1.50E-05	1.66E-07	1.64E-07	1.1210E-03
607307.8	4201268.22	29984.31296	0.1417	0.15214	2.25491	2.83758	0.04971	0.04909	1.05E-03	7.97E-07	8.67E-07	2.06E-05	2.58E-05	1.63E-07	1.60E-07	1.0981E-03
606527.8	4201288.22	670200.9168	0.0131	0.01326	0.05561	0.05636	0.13232	0.1315	2.35E-02	7.37E-08	7.55E-08	5.07E-07	5.12E-07	4.33E-07	4.29E-07	2.3465E-02
606547.8	4201288.22	576923.606	0.01354	0.0137	0.0573	0.05809	0.1287	0.12786	2.02E-02	7.62E-08	7.81E-08	5.23E-07	5.28E-07	4.21E-07	4.17E-07	2.0200E-02
606567.8	4201288.22	466930.0936	0.014	0.01417	0.05908	0.05991	0.12523	0.12433	1.63E-02	7.87E-08	8.07E-08	5.39E-07	5.44E-07	4.10E-07	4.06E-07	1.6349E-02
606587.8	4201288.22	392325.7779	0.0145	0.01467	0.061	0.06188	0.12184	0.12092	1.37E-02	8.15E-08	8.36E-08	5.56E-07	5.62E-07	3.98E-07	3.95E-07	1.3737E-02
606607.8	4201288.22	337284.6677	0.01502	0.0152	0.06301	0.06394	0.11858	0.11762	1.18E-02	8.45E-08	8.66E-08	5.75E-07	5.81E-07	3.88E-07	3.84E-07	1.1810E-02
606627.8	4201288.22	294331.4008	0.01556	0.01573	0.0651	0.06609	0.11541	0.11445	1.03E-02	8.75E-08	8.96E-08	5.94E-07	6.00E-07	3.77E-07	3.74E-07	1.0306E-02
606647.8	4201288.22	259401.931	0.01612	0.0163	0.06733	0.06838	0.11234	0.11137	9.08E-03	9.07E-08	9.29E-08	6.14E-07	6.21E-07	3.67E-07	3.64E-07	9.0836E-03
606667.8	4201288.22	230281.4241	0.01675	0.01693	0.06976	0.07088	0.10936	0.10838	8.06E-03	9.42E-08	9.65E-08	6.36E-07	6.44E-07	3.58E-07	3.54E-07	8.0641E-03
606687.8	4201288.22	205831.4461	0.01742	0.0176	0.07237	0.07358	0.10648	0.10549	7.21E-03	9.80E-08	1.00E-07	6.60E-07	6.68E-07	3.48E-07	3.44E-07	7.2082E-03
606707.8	4201288.22	184968.1935	0.01817	0.01835	0.07525	0.07654	0.10366	0.10267	6.48E-03	1.02E-07	1.05E-07	6.86E-07	6.95E-07	3.39E-07	3.35E-07	6.4778E-03
606727.8	4201288.22	167280.2579	0.01893	0.01912	0.07825	0.07962	0.10095	0.09995	5.86E-03	1.06E-07	1.09E-07	7.14E-07	7.23E-07	3.30E-07	3.26E-07	5.8586E-03
606747.8	4201288.22	151944.8697	0.01979	0.01997	0.08154	0.083	0.09831	0.09731	5.32E-03	1.11E-07	1.14E-07	7.44E-07	7.54E-07	3.22E-07	3.18E-07	5.3218E-03
606767.8	4201288.22	138692.6517	0.02069	0.02087	0.08501	0.08656	0.09576	0.09476	4.86E-03	1.16E-07	1.19E-07	7.75E-07	7.86E-07	3.13E-07	3.09E-07	4.8579E-03
606787.8	4201288.22	127123.0701	0.02165	0.02183	0.08872	0.09035	0.0933	0.0923	4.45E-03	1.22E-07	1.24E-07	8.09E-07	8.21E-07	3.05E-07	3.01E-07	4.4529E-03
606807.8	4201288.22	116931.3797	0.02272	0.0229	0.09275	0.09448	0.0909	0.08991	4.09E-03	1.28E-07	1.30E-07	8.46E-07	8.58E-07	2.97E-07	2.93E-07	4.0962E-03
606827.8	4201288.22	107913.6892	0.0239	0.02408	0.09715	0.09899	0.08857	0.08759	3.78E-03	1.34E-07	1.37E-07	8.86E-07	8.99E-07	2.90E-07	2.86E-07	3.7806E-03
606847.8	4201288.22	99902.34521	0.02551	0.02543	0.10235	0.10447	0.08631	0.08534	3.50E-03	1.43E-07	1.45E-07	9.34E-07	9.49E-07	2.82E-07	2.79E-07	3.5002E-03
606867.8	4201288.22	92793.03796	0.027	0.02717	0.1075	0.10962	0.08413	0.08317	3.25E-03	1.52E-07	1.55E-07	9.81E-07	9.96E-07	2.75E-07	2.71E-07	3.2514E-03
606887.8	4201288.22	86425.0757	0.02857	0.02877	0.11309	0.11541	0.08202	0.08106	3.03E-03	1.61E-07	1.64E-07	1.03E-06	1.05E-06	2.68E-07	2.65E-07	3.0286E-03
606907.8	4201288.22	80694.15059	0.03027	0.03048	0.1193	0.12181	0.07996	0.07902	2.83E-03	1.70E-07	1.74E-07	1.09E-06	1.11E-06	2.61E-07	2.58E-07	2.8281E-03
606927.8	4201288.22	75532.2085	0.03213	0.03232	0.12631	0.12912	0.07797	0.07704	2.64E-03	1.81E-07	1.84E-07	1.15E-06	1.17E-06	2.55E-07	2.51E-07	2.6475E-03
606947.8	4201288.22	70863.0575	0.0342	0.03435	0.13415	0.13731	0.07604	0.07513	2.48E-03	1.92E-07	1.96E-07	1.22E-06	1.25E-06	2.49E-07	2.45E-07	2.4842E-03
606967.8	4201288.22	66634.81646	0.03648	0.03661	0.1428	0.14637	0.07418	0.07328	2.33E-03	2.05E-07	2.09E-07	1.30E-06	1.33E-06	2.43E-07	2.39E-07	2.3364E-03
606987.8	4201288.22	62774.4739	0.03907	0.03916	0.15272	0.15685	0.07237	0.07148	2.20E-03	2.20E-07	2.23E-07	1.39E-06	1.42E-06	2.37E-07	2.33E-07	2.2014E-03
607007.8	4201288.22	59236.55674	0.04203	0.04209	0.1642	0.16896	0.07061	0.06973	2.07E-03	2.36E-07	2.40E-07	1.50E-06	1.53E-06	2.31E-07	2.28E-07	2.0778E-03
607027.8	4201288.22	56006.90717	0.04527	0.04534	0.17727	0.18281	0.0689	0.06804	1.96E-03	2.55E-07	2.58E-07	1.62E-06	1.66E-06	2.25E-07	2.22E-07	1.9650E-03
607047.8	4201288.22	53056.41586	0.04874	0.04886	0.1921	0.19853	0.06726	0.06642	1.86E-03	2.74E-07	2.78E-07	1.75E-06	1.80E-06	2.20E-07	2.17E-07	1.8620E-03
607067.8	4201288.22	50338.46089	0.05252	0.05275	0.20939	0.21696	0.06567	0.06484	1.76E-03	2.95E-07	3.01E-07	1.91E-06	1.97E-06	2.15E-07	2.12E-07	1.7672E-03
607087.8	4201288.22	47832.94182	0.05654	0.05698	0.22969	0.23869	0.06412	0.06331	1.67E-03	3.18E-07	3.25E-07	2.10E-06	2.17E-06	2.10E-07	2.07E-07	1.6799E-03
607107.8	4201288.22	45521.41462	0.0607	0.06146	0.25367	0.26451	0.06263	0.06183	1.59E-03	3.41E-07	3.50E-07	2.31E-06	2.40E-06	2.05E-07	2.02E-07	1.5995E-03
607127.8	4201288.22	43366.24039	0.0652	0.06644	0.28345	0.29666	0.06117	0.06039	1.52E-03	3.67E-07	3.79E-07	2.59E-06	2.69E-06	2.00E-07	1.97E-07	1.5246E-03
607147.8	4201288.22	41366.34051	0.06983	0.07172	0.32028	0.33677	0.05976	0.05899	1.45E-03	3.93E-07	4.09E-07	2.92E-06	3.06E-06	1.95E-07	1.93E-07	1.4554E-03
607167.8	4201288.22	39518.05454	0.07433	0.07696	0.36549	0.38646	0.0584	0.05765	1.38E-03	4.18E-07	4.38E-07	3.33E-06	3.51E-06	1.91E-07	1.88E-07	1.3916E-03
607187.8	4201288.22	37801.45708	0.07884	0.0822	0.42267	0.44996	0.05708	0.05635	1.32E-03	4.43E-07	4.68E-07	3.86E-06	4.09E-06	1.87E-07	1.84E-07	1.3326E-03
607207.8	4201288.22	36192.15676	0.08401	0.088	0.49968	0.53676	0.0558	0.05508	1.27E-03	4.72E-07	5.01E-07	4.56E-06	4.88E-06	1.82E-07	1.80E-07	1.2778E-03
607227.8	4201288.22	34682.28588	0.09031	0.0948	0.60809	0.66023	0.05456	0.05385	1.21E-03	5.08E-07	5.40E-07	5.55E-06	6.00E-06	1.78E-07	1.76E-07	1.2271E-03
607247.8	4201288.22	33275.26392	0.09736	0.10242	0.76149	0.83973	0.05335	0.05266	1.16E-03	5.48E-07	5.84E-07	6.95E-06	7.63E-06	1.74E-07	1.72E-07	1.1810E-03
607267.8	4201288.22	31959.48964	0.10543	0.11128	0.9991	1.12983	0.05219	0.05152	1.12E-03	5.93E-07	6.34E-07	9.11E-06	1.03E-05	1.71E-07	1.68E-07	1.1398E-03
607287.8	4201288.22	30722.2616	0.11476	0.12172	1.41168	1.66418	0.05106	0.0504	1.08E-03	6.45E-07	6.94E-07	1.29E-05	1.51E-05	1.67E-07	1.65E-07	1.1052E-03

607307.8	4201288.22	29561.2475	0.12528	0.13368	2.25161	2.84877	0.04997	0.04932	1.03E-03	7.05E-07	7.62E-07	2.05E-05	2.59E-05	1.63E-07	1.61E-07	1.0831E-03
606527.8	4201308.22	666405.3411	0.01275	0.0129	0.05564	0.05641	0.13724	0.13615	2.33E-02	7.17E-08	7.35E-08	5.08E-07	5.12E-07	4.49E-07	4.44E-07	2.3332E-02
606547.8	4201308.22	573935.0434	0.01319	0.01333	0.05734	0.05815	0.13328	0.13217	2.01E-02	7.42E-08	7.59E-08	5.23E-07	5.28E-07	4.36E-07	4.31E-07	2.0095E-02
606567.8	4201308.22	461326.2056	0.01367	0.01382	0.05922	0.06007	0.12946	0.12832	1.62E-02	7.69E-08	7.87E-08	5.40E-07	5.46E-07	4.23E-07	4.19E-07	1.6153E-02
606587.8	4201308.22	385555.4793	0.01419	0.01434	0.06119	0.06209	0.12579	0.12462	1.35E-02	7.98E-08	8.17E-08	5.58E-07	5.64E-07	4.11E-07	4.07E-07	1.3500E-02
606607.8	4201308.22	330511.2884	0.01469	0.01484	0.06316	0.06412	0.12225	0.12108	1.16E-02	8.26E-08	8.46E-08	5.76E-07	5.82E-07	4.00E-07	3.95E-07	1.1573E-02
606627.8	4201308.22	287221.9915	0.01525	0.0154	0.06534	0.06635	0.11881	0.11764	1.01E-02	8.58E-08	8.77E-08	5.96E-07	6.03E-07	3.89E-07	3.84E-07	1.0058E-02
606647.8	4201308.22	252604.7473	0.01582	0.01597	0.06758	0.06866	0.1155	0.11433	8.84E-03	8.90E-08	9.10E-08	6.16E-07	6.24E-07	3.78E-07	3.73E-07	8.8456E-03
606667.8	4201308.22	224177.246	0.01641	0.01656	0.06994	0.07109	0.11231	0.11113	7.85E-03	9.23E-08	9.44E-08	6.38E-07	6.46E-07	3.67E-07	3.63E-07	7.8504E-03
606687.8	4201308.22	200335.0714	0.01705	0.0172	0.07249	0.07372	0.10921	0.10804	7.01E-03	9.59E-08	9.80E-08	6.61E-07	6.70E-07	3.57E-07	3.53E-07	7.0158E-03
606707.8	4201308.22	180076.2552	0.01776	0.01791	0.07529	0.07661	0.10622	0.10505	6.30E-03	9.99E-08	1.02E-07	6.87E-07	6.96E-07	3.47E-07	3.43E-07	6.3066E-03
606727.8	4201308.22	162814.7392	0.01852	0.01866	0.07828	0.07969	0.10332	0.10216	5.70E-03	1.04E-07	1.06E-07	7.14E-07	7.24E-07	3.38E-07	3.33E-07	5.7023E-03
606747.8	4201308.22	147869.8145	0.01937	0.01952	0.08159	0.08309	0.10051	0.09936	5.18E-03	1.09E-07	1.11E-07	7.44E-07	7.55E-07	3.29E-07	3.24E-07	5.1792E-03
606767.8	4201308.22	135033.4598	0.02024	0.02038	0.08502	0.08661	0.09781	0.09667	4.73E-03	1.14E-07	1.16E-07	7.75E-07	7.87E-07	3.20E-07	3.16E-07	4.7298E-03
606787.8	4201308.22	123834.169	0.02118	0.02131	0.08869	0.09037	0.0952	0.09407	4.34E-03	1.19E-07	1.21E-07	8.09E-07	8.21E-07	3.11E-07	3.07E-07	4.3378E-03
606807.8	4201308.22	113985.7813	0.02219	0.02232	0.09265	0.09444	0.09267	0.09156	3.99E-03	1.25E-07	1.27E-07	8.45E-07	8.58E-07	3.03E-07	2.99E-07	3.9931E-03
606827.8	4201308.22	105233.4055	0.02335	0.02347	0.09707	0.09897	0.09022	0.08912	3.68E-03	1.31E-07	1.34E-07	8.85E-07	8.99E-07	2.95E-07	2.91E-07	3.6868E-03
606847.8	4201308.22	97491.95713	0.02462	0.02473	0.10209	0.1044	0.08784	0.08676	3.41E-03	1.38E-07	1.41E-07	9.31E-07	9.48E-07	2.87E-07	2.83E-07	3.4158E-03
606867.8	4201308.22	90584.55627	0.02633	0.02643	0.10761	0.10976	0.08555	0.08448	3.17E-03	1.48E-07	1.51E-07	9.82E-07	9.97E-07	2.80E-07	2.76E-07	3.1741E-03
606887.8	4201308.22	84418.49051	0.02781	0.02794	0.11314	0.11546	0.08333	0.08228	2.96E-03	1.56E-07	1.59E-07	1.03E-06	1.05E-06	2.73E-07	2.69E-07	2.9584E-03
606907.8	4201308.22	78861.66545	0.02949	0.02962	0.11924	0.1218	0.08118	0.08015	2.76E-03	1.66E-07	1.69E-07	1.09E-06	1.11E-06	2.65E-07	2.62E-07	2.7639E-03
606927.8	4201308.22	73854.74343	0.03131	0.0314	0.1262	0.12906	0.0791	0.07809	2.59E-03	1.76E-07	1.79E-07	1.15E-06	1.17E-06	2.59E-07	2.55E-07	2.5888E-03
606947.8	4201308.22	69308.91965	0.03336	0.03342	0.13407	0.13732	0.07708	0.07609	2.43E-03	1.88E-07	1.90E-07	1.22E-06	1.25E-06	2.52E-07	2.48E-07	2.4298E-03
606967.8	4201308.22	65206.26464	0.03558	0.03561	0.14273	0.14635	0.07514	0.07416	2.28E-03	2.00E-07	2.03E-07	1.30E-06	1.33E-06	2.46E-07	2.42E-07	2.2863E-03
606987.8	4201308.22	61441.90041	0.03814	0.03815	0.15277	0.15694	0.07325	0.07229	2.15E-03	2.15E-07	2.17E-07	1.39E-06	1.43E-06	2.40E-07	2.36E-07	2.1548E-03
607007.8	4201308.22	58011.76285	0.04095	0.04094	0.16423	0.16903	0.07142	0.07048	2.03E-03	2.30E-07	2.33E-07	1.50E-06	1.54E-06	2.34E-07	2.30E-07	2.0349E-03
607027.8	4201308.22	54877.04257	0.04399	0.04401	0.17722	0.18282	0.06966	0.06873	1.92E-03	2.47E-07	2.51E-07	1.62E-06	1.66E-06	2.28E-07	2.24E-07	1.9254E-03
607047.8	4201308.22	52012.00991	0.04718	0.04728	0.19205	0.19855	0.06796	0.06705	1.82E-03	2.65E-07	2.69E-07	1.75E-06	1.80E-06	2.22E-07	2.19E-07	1.8254E-03
607067.8	4201308.22	49364.35522	0.05063	0.0509	0.20959	0.21719	0.06631	0.06542	1.73E-03	2.85E-07	2.90E-07	1.91E-06	1.97E-06	2.17E-07	2.14E-07	1.7331E-03
607087.8	4201308.22	46925.28309	0.05421	0.05474	0.2301	0.23926	0.06471	0.06384	1.64E-03	3.05E-07	3.12E-07	2.10E-06	2.17E-06	2.12E-07	2.08E-07	1.6481E-03
607107.8	4201308.22	44661.53223	0.05798	0.05888	0.25498	0.2661	0.06316	0.06231	1.56E-03	3.26E-07	3.35E-07	2.33E-06	2.42E-06	2.07E-07	2.03E-07	1.5694E-03
607127.8	4201308.22	42571.32868	0.06171	0.06311	0.2848	0.29851	0.06166	0.06083	1.49E-03	3.47E-07	3.60E-07	2.60E-06	2.71E-06	2.02E-07	1.99E-07	1.4968E-03
607147.8	4201308.22	40623.32467	0.06559	0.06759	0.32225	0.33948	0.06021	0.0594	1.42E-03	3.69E-07	3.85E-07	2.94E-06	3.08E-06	1.97E-07	1.94E-07	1.4294E-03
607167.8	4201308.22	38813.1936	0.06957	0.07219	0.36946	0.3914	0.0588	0.05801	1.36E-03	3.91E-07	4.11E-07	3.37E-06	3.56E-06	1.92E-07	1.89E-07	1.3669E-03
607187.8	4201308.22	37143.0451	0.07334	0.07647	0.42761	0.4563	0.05745	0.05668	1.30E-03	4.12E-07	4.36E-07	3.90E-06	4.15E-06	1.88E-07	1.85E-07	1.3096E-03
607207.8	4201308.22	35579.20924	0.07769	0.0812	0.50504	0.54345	0.05614	0.05538	1.25E-03	4.37E-07	4.63E-07	4.61E-06	4.94E-06	1.84E-07	1.81E-07	1.2564E-03
607227.8	4201308.22	34109.75778	0.08284	0.08675	0.61169	0.66554	0.05487	0.05413	1.19E-03	4.66E-07	4.94E-07	5.58E-06	6.05E-06	1.79E-07	1.77E-07	1.2071E-03
607247.8	4201308.22	32738.21264	0.08878	0.09309	0.76579	0.84623	0.05364	0.05291	1.15E-03	4.99E-07	5.30E-07	6.99E-06	7.69E-06	1.75E-07	1.73E-07	1.1622E-03
607267.8	4201308.22	31455.93682	0.09557	0.10049	1.00584	1.13766	0.05245	0.05174	1.10E-03	5.37E-07	5.73E-07	9.17E-06	1.03E-05	1.72E-07	1.69E-07	1.1222E-03
607287.8	4201308.22	30251.50354	0.10327	0.10905	1.42235	1.67258	0.0513	0.0506	1.06E-03	5.81E-07	6.21E-07	1.30E-05	1.52E-05	1.68E-07	1.65E-07	1.0888E-03
607307.8	4201308.22	29119.68279	0.11189	0.11877	2.26925	2.85812	0.05018	0.04951	1.02E-03	6.29E-07	6.77E-07	2.07E-05	2.60E-05	1.64E-07	1.62E-07	1.0677E-03
606527.8	4201328.22	655173.5912	0.01245	0.01257	0.0557	0.05649	0.142	0.14062	2.29E-02	7.00E-08	7.16E-08	5.08E-07	5.13E-07	4.64E-07	4.59E-07	2.2939E-02
606547.8	4201328.22	562903.5672	0.01289	0.01302	0.05746	0.05829	0.13768	0.13631	1.97E-02	7.25E-08	7.42E-08	5.24E-07	5.30E-07	4.50E-07	4.45E-07	1.9709E-02
606567.8	4201328.22	450273.8847	0.01339	0.01352	0.05938	0.06026	0.13355	0.13215	1.58E-02	7.53E-08	7.70E-08	5.42E-07	5.47E-07	4.37E-07	4.31E-07	1.5766E-02
606587.8	4201328.22	373929.6396	0.01394	0.01407	0.06147	0.06239	0.12955	0.12815	1.31E-02	7.84E-08	8.02E-08	5.61E-07	5.67E-07	4.24E-07	4.18E-07	1.3093E-02
606607.8	4201328.22	318489.2294	0.01451	0.01464	0.06362	0.06459	0.12569	0.1243	1.12E-02	8.16E-08	8.34E-08	5.80E-07	5.87E-07	4.11E-07	4.06E-07	1.1152E-02
606627.8	4201328.22	276391.6826	0.01506	0.01519	0.06577	0.0668	0.122	0.12061	9.68E-03	8.47E-08	8.65E-08	6.00E-07	6.07E-07	3.99E-07	3.94E-07	9.6784E-03
606647.8	4201328.22	243198.35	0.0156	0.01572	0.06794	0.06904	0.11846	0.11709	8.51E-03	8.77E-08	8.96E-08	6.20E-07	6.27E-07	3.87E-07	3.82E-07	8.5163E-03
606667.8	4201328.22	215938.5703	0.01617	0.01629	0.07025	0.07142	0.11506	0.1137	7.56E-03	9.09E-08	9.28E-08	6.41E-07	6.49E-07	3.76E-07	3.71E-07	7.5620E-03
606687.8	4201328.22	193165.7938	0.01677	0.01689	0.07273	0.07398	0.11178	0.11044	6.76E-03	9.43E-08	9.62E-08	6.63E-07	6.72E-07	3.66E-07	3.60E-07	6.7648E-03
606707.8	4201328.22	173992.3752	0.01741	0.01752	0.07533	0.07667	0.10863	0.1073	6.09E-03	9.79E-08	9.98E-08	6.87E-07	6.96E-07	3.55E-07	3.50E-07	6.0936E-03
606727.8	4201328.22	157402.6156	0.01816	0.01826	0.0783	0.07974	0.10555	0.10424	5.51E-03	1.02E-07	1.04E-07	7.14E-07	7.24E-07	3.45E-07	3.40E-07	5.5129E-03
606747.8	4201328.22	143136.2774	0.01897	0.01907	0.08151	0.08304	0.10259	0.1013	5.01E-03	1.07E-07	1.09E-07	7.43E-07	7.54E-07	3.36E-07	3.31E-07	5.0134E-03
606767.8	4201328.22	130733.0054	0.01987	0.01997	0.08504	0.08666	0.09972	0.09845	4.58E-03	1.12E-07	1.14E-07	7.76E-07	7.87E-07	3.26E-07	3.21E-07	4.5793E-03
606787.8	4201328.22	119976.2222	0.0208	0.02089	0.08873	0.09046	0.09696	0.09571	4.20E-03	1.17E-07	1.19E-07	8.09E-07	8.22E-07	3.17E-07	3.12E-07	4.2028E-03
606807.8	4201328.22	110556.9601	0.02179	0.02187	0.09265	0.09448	0.09431	0.09308	3.87E-03	1.23E-07	1.25E-07	8.45E-07	8.58E-07	3.08E-07	3.04E-07	3.8731E-03
606827.8	4201328.22	102206.7558	0.02288	0.02295	0.09694	0.09893	0.09174	0.09053	3.58E-03	1.29E-07	1.31E-07	8.84E-07	8.99E-07	3.00E-07	2.95E-07	3.5808E-03
606847.8	4201328.22	94776.44387	0.02411	0.02417	0.10191	0.10429	0.08926	0.08807	3.32E-03	1.36E-07	1.38E-07	9.30E-07	9.47E-07	2.92E-07	2.87E-07	3.3208E-03
606867.8	4201328.22	88147.2677	0.02571	0.02574	0.10746	0.10968	0.08686	0.08569	3.09E-03	1.45E-07	1.47E-07	9.80E-07	9.96E-07	2.84E-07	2.80E-07	3.0888E-03
606887.8	4201328.22	82201.91927	0.0272	0.02727	0.11306	0.11544	0.08454	0.08339	2.88E-03	1.53E-07	1.55E-07	1.03E-06	1.05E-06	2.76E-07	2.72E-07	2.8808E-03
606907.8	4201328.22	76864.52462	0.02883	0.02886	0.11913	0.12173	0.0823	0.08118	2.69E-03	1.62E-07	1.64E-07	1.09E-06	1.11E-06	2.69E-07	2.65E-07	2.6940E-03
606927.8	4201328.22	72037.07619	0.03061	0.03061	0.12598	0.12886	0.08014	0.07904	2.52E-03	1.72E-07	1.74E-07	1.15E-06	1.17E-06	2.62E-07	2.58E-07	2.5251E-03
606947.8	4201328.22	67657.19562	0.0326	0.03258	0.13377	0.137	0.07804	0.07696	2.37E-03	1.83E-07	1.86E-07	1.22E-06	1.24E-06	2.55E-07	2.51E-07	2.3720E-03
606967.8	4201328.22	63677.18159	0.0348	0.03475	0.14243	0.14612	0.07602	0.07496	2.23E-03	1.96E-07	1.98E-07	1.30E-06	1.33E-06	2.49E-07	2.45E-07	2.2328E-03
606987.8	4201328.22	60051.72812	0.03721	0.03716	0.15239	0.15657	0.07406	0.07303	2.10E-03	2.09E-07	2.12E-07	1.39E-06	1.42E-06	2.42E-07	2.38E-07	2.1061E-03
607007.8	4201328.22	56729.36403	0.03988	0.03984	0.16379	0.16859	0.07217	0.07116	1.99E-03	2.24E-07	2.27E-07	1.49E-06	1.53E-06	2.36E-07	2.32E-07	1.9900E-03
607027.8	4201328.22	53685.69465	0.04275	0.04277	0.17685	0.18242	0.07034	0.06935	1.88E-03	2.40E-07	2.44E-07	1.61E-06	1.66E-06	2.30E-07	2.26E-07	1.8837E-03
607047.8	4201328.22	50916.4292	0.04563	0.04577	0.19152	0.19799	0.06859	0.06762	1.78E-03	2.57E-07	2.61E-07	1.75E-06	1.80E-06	2.24E-07	2.21E-07	1.7870E-03
607067.8	4201328.22	48349.50463	0.04871	0.04906	0.20906	0.21661	0.06688	0.06594	1.69E-03	2.74E-07	2.80E-07	1.91E-06	1.97E-06	2.19E-07	2.15E-07	1.6975E-03
607087.8	4201328.22	45969.85203	0.05195	0.0526	0.23008	0.23923	0.06523	0.06431	1.61E-03	2.92E-07	3.00E-07	2.10E-06	2.17E-06	2.13E-07	2.10E-07	1.6146E-03
607107.8	4201328.22	43772.85563	0.05518	0.05623	0.25517	0.2664	0.06363	0.06273	1.53E-03	3.10E-07	3.20E-07	2.33E-06	2.42E-06	2.08E-07	2.05E-07	1.5382E-03
607127.8	4201328.22	41729.43169	0.05852	0.06006	0.28624	0.30028	0.06208	0.0612	1.46E-03	3.29E-07	3.42E-07	2.61E-06	2.73E-06	2.03E-07	2.00E-07	1.4673E-03
607147.8	4201328.22	39832.40274	0.06182	0.06393	0.32419	0.34159	0.06058	0.05973	1.39E-03	3.48E-07	3.64E-07	2.96E-06	3.10E-06	1.98E-07	1.95E-07	1.4017E-03
607167.8	4201328.22	38071.81146	0.06493	0.06751	0.37016	0.39253	0.05914	0.0583	1.33E-03	3.65E-07	3.85E-07	3.38E-06	3.57E-06	1.93E-07	1.90E-07	1.3409E-03
607187.8	4201328.22	36452.23187	0.06815	0.07106	0.42831	0.45782	0.05776	0.05694	1.28E-03	3.83E-07	4.05E-07	3.91E-06	4.16E-06	1.89E-07	1.86E-07	1.2854E-03
607207.8	4201328.22	34939.88972	0.07184	0.07496	0.50495	0.5451	0.05642	0.05563	1.22E-03	4.04E-07	4.27E-07	4.61E-06	4.95E-06	1.85E-07	1.82E-07	1.2340E-03
607227.8	4201328.22	33515.65311	0.07625	0.07957	0.61066	0.66734	0.05513	0.05435	1.17E-03	4.29E-07	4.53E-07	5.57E-06	6.06E-06	1.80E-07	1.77E-07	1.1862E-03
607247.8	4201328.22	32182.95743	0.08136	0.08502	0.76392	0.84844	0.05387	0.05312	1.13E-03	4.58E-07	4.84E-07	6.97E-06	7.71E-06	1.76E-07	1.73E-07	1.1427E-03
607267.8	4201328.22	30933.65852	0.08714	0.09133	1.00369	1.14056	0.05266	0.05192	1.08E-03	4.90E-07	5.20E-07	9.16E-06	1.04E-05	1.72E-07	1.69E-07	1.1038E-03
607287.8	4201328.22	29766.31057	0.0936	0.09844	1.42281	1.67688	0.05149	0.05077	1.04E-03	5.26E-07	5.61E-07	1.30E-05	1.52E-05	1.68E-07	1.66E-07	1.0717E-03
607307.8	4201328.22	28662.95871	0.10081	0.1065	2.28533	2.86435	0.05035	0.04965	1.00E-03	5.67E-07	6.07E-07	2.08E-05	2.60E-05	1.65E-07	1.62E-07	1.0518E-03
606527.8	4201348.22	636453.3432	0.01219	0.0123	0.05583	0.05664	0.14657	0.1449	2.23E-02	6.86E-08	7.01E-08	5.09E-07	5.15E-07	4.79E-07	4.73E-07	2.2284E-02
606547.8	4201348.22	543958.8099	0.01269	0.0128	0.05776	0.05861	0.1419	0.14022	1.90E-02	7.14E-08	7.29E-08	5.27E-07	5.32E-07	4.64E-07	4.58E-07	1.9046E-02
606567.8	4201348.22	431197.5593	0.01325	0.01336	0.05986	0.06075	0.13739	0.13574	1.51E-02	7.45E-08	7.61E-08	5.46E-07	5.52E-07	4.49E-07	4.43E-07	1.5098E-02
606587.8	4201348.22	356431.5656	0.01381	0.01392	0.06196	0.0629	0.13307	0.13143	1.25E-02	7.77E-08	7.93E-08	5.65E-07	5.71E-07	4.35E-07	4.29E-07	1.2480E-02
606607.8	4201348.22	302842.6105	0.01438	0.01449	0.0641	0.06509	0.12892	0.12731	1.06E-02	8.09E-08	8.26E-08	5.85E-07	5.91E-07	4.22E-07	4.16E-07	1.0604E-02
606627.8	4201348.22	262818.2522	0.01492	0.01502	0.06622	0.06728	0.12499	0.1234	9.20E-03	8.39E-08	8.56E-08	6.04E-07	6.11E-07	4.09E-07	4.03E-07	9.2032E-03
606647.8	4201348.22	231433.6504	0.01544	0.01555	0.06837	0.06949	0.12124	0.11967	8.10E-03	8.68E-08	8.86E-08	6.24E-07	6.31E-07	3.96E-07	3.91E-07	8.1045E-03
606667.8	4201348.22	205800.1365	0.016	0.0161	0.07065	0.07185	0.11764	0.11609	7.20E-03	9.00E-08	9.17E-08	6.44E-07	6.53E-07	3.85E-07	3.79E-07	7.2071E-03
606687.8	4201348.22	184409.8655	0.0166	0.01669	0.0731	0.07438	0.11416	0.11264	6.46E-03	9.34E-08	9.51E-08	6.67E-07	6.76E-07	3.73E-07	3.68E-07	6.4583E-03
606707.8	4201348.22	166501.2083	0.0172	0.01728	0.07563	0.07699	0.11084	0.10935	5.83E-03	9.67E-08	9.85E-08	6.90E-07	6.99E-07	3.62E-07	3.57E-07	5.8314E-03
606727.8	4201348.22	151101.3024	0.01787	0.01794	0.07838	0.07984	0.10763	0.10617	5.29E-03	1.01E-07	1.02E-07	7.15E-07	7.25E-07	3.52E-07	3.47E-07	5.2923E-03
606747.8	4201348.22	137749.8139	0.01861	0.01868	0.08142	0.08298	0.10453	0.10309	4.82E-03	1.05E-07	1.06E-07	7.43E-07	7.54E-07	3.42E-07	3.36E-07	4.8249E-03
606767.8	4201348.22	125982.0162	0.0195	0.01957	0.08494	0.0866	0.10151	0.1001	4.41E-03	1.10E-07	1.12E-07	7.75E-07	7.87E-07	3.32E-07	3.27E-07	4.4130E-03
606787.8	4201348.22	115751.0602	0.02044	0.02049	0.08867	0.09043	0.09861	0.09723	4.05E-03	1.15E-07	1.17E-07	8.09E-07	8.21E-07	3.22E-07	3.17E-07	4.0548E-03
606807.8	4201348.22	106741.5888	0.02149	0.02153	0.09296	0.0951	0.09581	0.09446	3.74E-03	1.21E-07	1.23E-07	8.48E-07	8.64E-07	3.13E-07	3.08E-07	3.7395E-03
606827.8	4201348.22	98853.97541	0.02253	0.02256	0.09714	0.09941	0.09314	0.09181	3.46E-03	1.27E-07	1.29E-07	8.86E-07	9.03E-07	3.05E-07	3.00E-07	3.4634E-03
606847.8	4201348.22	91819.59774	0.02384	0.02371	0.1018	0.1042	0.09055	0.08926	3.21E-03	1.34E-07	1.35E-07	9.29E-07	9.47E-07	2.96E-07	2.91E-07	3.2173E-03
606867.8	4201348.22	85503.10441	0.02522	0.02522	0.10725	0.1095	0.08805	0.08678	2.99E-03	1.42E-07	1.44E-07	9.78E-07	9.95E-07	2.88E-07	2.83E-07	2.9962E-03
606887.8	4201348.22	79832.26217	0.02666	0.02666	0.11285	0.11528	0.08564	0.0844	2.79E-03	1.50E-07	1.52E-07	1.03E-06	1.05E-06	2.80E-07	2.75E-07	2.7978E-03
606907.8	4201348.22	74730.7938	0.02825	0.02822	0.11889	0.12153	0.08332	0.08211	2.62E-03	1.59E-07	1.61E-07	1.08E-06	1.10E-06	2.72E-07	2.68E-07	2.6193E-03
606927.8	4201348.22	70107.74652	0.03	0.02994	0.12572	0.12863	0.08107	0.07989	2.45E-03	1.69E-07	1.71E-07	1.15E-06	1.17E-06	2.65E-07	2.61E-07	2.4576E-03
606947.8	4201348.22	65913.5244	0.03192	0.03183	0.13336	0.1366	0.07891	0.07775	2.31E-03	1.80E-07	1.81E-07	1.22E-06	1.24E-06	2.58E-07	2.54E-07	2.3109E-03
606967.8	4201348.22	62090.31938	0.03403	0.03394	0.14196	0.14567	0.07681	0.07569	2.17E-03	1.91E-07	1.93E-07	1.29E-06	1.32E-06	2.51E-07	2.47E-07	2.1772E-03
606987.8	4201348.22	58608.37755	0.0363	0.03622	0.15161	0.15573	0.0748	0.0737	2.05E-03	2.04E-07	2.06E-07	1.38E-06	1.41E-06	2.45E-07	2.41E-07	2.0555E-03
607007.8	4201348.22	55412.18047	0.03876	0.03873	0.16282	0.16757	0.07284	0.07177	1.94E-03	2.18E-07	2.21E-07	1.49E-06	1.52E-06	2.38E-07	2.34E-07	1.9438E-03
607027.8	4201348.22	52453.57737	0.04148	0.04154	0.17606	0.18158	0.07094	0.0699	1.84E-03	2.33E-07	2.37E-07	1.61E-06	1.65E-06	2.32E-07	2.28E-07	1.8405E-03
607047.8	4201348.22	49766.37283	0.04414	0.04437	0.19085	0.19724	0.06913	0.06811	1.74E-03	2.48E-07	2.53E-07	1.74E-06	1.79E-06	2.26E-07	2.22E-07	1.7468E-03
607067.8	4201348.22	47267.37395	0.04699	0.04746	0.20884	0.21633	0.06736	0.06637	1.65E-03	2.64E-07	2.70E-07	1.90E-06	1.97E-06	2.20E-07	2.17E-07	1.6596E-03
607087.8	4201348.22	44966.06192	0.04982	0.05061	0.23002	0.23917	0.06566	0.0647	1.57E-03	2.80E-07	2.88E-07	2.10E-06	2.17E-06	2.15E-07	2.11E-07	1.5795E-03
607107.8	4201348.22	42837.30288	0.05263	0.05382	0.25556	0.26683	0.06402	0.06308	1.50E-03	2.96E-07	3.07E-07	2.33E-06	2.42E-06	2.09E-07	2.06E-07	1.5055E-03
607127.8	4201348.22	40852.02152	0.05542	0.05709	0.28654	0.30036	0.06243	0.06151	1.43E-03	3.12E-07	3.25E-07	2.61E-06	2.73E-06	2.04E-07	2.01E-07	1.4366E-03
607147.8	4201348.22	39019.74898	0.05793	0.06	0.32315	0.34048	0.0609	0.06	1.37E-03	3.26E-07	3.42E-07	2.95E-06	3.09E-06	1.99E-07	1.96E-07	1.3731E-03
607167.8	4201348.22	37319.05078	0.06049	0.06286	0.36845	0.3908	0.05942	0.05855	1.31E-03	3.40E-07	3.58E-07	3.36E-06	3.55E-06	1.94E-07	1.91E-07	1.3145E-03
607187.8	4201348.22	35744.06387	0.06332	0.06588	0.42602	0.45569	0.05801	0.05716	1.25E-03	3.56E-07	3.75E-07	3.89E-06	4.14E-06	1.90E-07	1.87E-07	1.2605E-03
607207.8	4201348.22	34280.84514	0.0666	0.06928	0.5016	0.54242	0.05665	0.05583	1.20E-03	3.75E-07	3.95E-07	4.58E-06	4.93E-06	1.85E-07	1.82E-07	1.2108E-03
607227.8	4201348.22	32904.57321	0.07048	0.07331	0.60518	0.66373	0.05533	0.05453	1.15E-03	3.96E-07	4.18E-07	5.52E-06	6.03E-06	1.81E-07	1.78E-07	1.1647E-03
607247.8	4201348.22	31610.29057	0.07492	0.07805	0.75487	0.84369	0.05406	0.05327	1.11E-03	4.21E-07	4.45E-07	6.89E-06	7.66E-06	1.77E-07	1.74E-07	1.1224E-03
607267.8	4201348.22	30399.03391	0.07989	0.08345	0.98814	1.13428	0.05282	0.05206	1.06E-03	4.49E-07	4.75E-07	9.01E-06	1.03E-05	1.73E-07	1.70E-07	1.0848E-03
607287.8	4201348.22	29266.53308	0.08538	0.08949	1.39543	1.6688	0.05164	0.05089	1.02E-03	4.80E-07	5.10E-07	1.27E-05	1.52E-05	1.69E-07	1.66E-07	1.0538E-03
607307.8	4201348.22	28194.29685	0.09148	0.09625	2.23712	2.85457	0.05048	0.04976	9.87E-04	5.14E-07	5.48E-07	2.04E-05	2.59E-05	1.65E-07	1.62E-07	1.0348E-03
606527.8	4201368.22	605870.061	0.01208	0.01217	0.0563	0.05714	0.15086	0.14887	2.12E-02	6.79E-08	6.93E-08	5.14E-07	5.19E-07	4.93E-07	4.86E-07	2.1213E-02
606547.8	4201368.22	514296.9013	0.01266	0.01275	0.05846	0.05933	0.14578	0.14383	1.80E-02	7.12E-08	7.26E-08	5.33E-07	5.39E-07	4.77E-07	4.69E-07	1.8007E-02
606567.8	4201368.22	405000.1809	0.0132	0.01329	0.06049	0.0614	0.14094	0.13902	1.42E-02	7.42E-08	7.57E-08	5.52E-07	5.58E-07	4.61E-07	4.54E-07	1.4181E-02
606587.8	4201368.22	334137.7546	0.01372	0.01381	0.06246	0.06349	0.13635	0.13448	1.17E-02	7.72E-08	7.87E-08	5.70E-07	5.77E-07	4.46E-07	4.39E-07	1.1700E-02
606607.8	4201368.22	284099.9993	0.01451	0.01458	0.06489	0.06589	0.13198	0.13014	9.95E-03	8.16E-08	8.31E-08	5.92E-07	5.99E-07	4.32E-07	4.25E-07	9.9483E-03
606627.8	4201368.22	246455.2335	0.01517	0.01528	0.0671	0.06816	0.12778	0.12598	8.63E-03	8.53E-08	8.71E-08	6.12E-07	6.19E-07	4.18E-07	4.11E-07	8.6304E-03
606647.8	4201368.22	217322.43	0.01573	0.01584	0.06932	0.07044	0.1238	0.12203	7.61E-03	8.85E-08	9.02E-08	6.32E-07	6.40E-07	4.05E-07	3.98E-07	7.6105E-03
606667.8	4201368.22	193941.1709	0.01626	0.01636	0.0716	0.07279	0.12	0.11827	6.79E-03	9.14E-08	9.32E-08	6.53E-07	6.61E-07	3.92E-07	3.86E-07	6.7920E-03
606687.8	4201368.22	174489.4571	0.01678	0.01687	0.074	0.07529	0.11637	0.11467	6.11E-03	9.44E-08	9.61E-08	6.75E-07	6.84E-07	3.81E-07	3.74E-07	6.1110E-03
606707.8	4201368.22	158019.5579	0.01732	0.01735	0.07652	0.07789	0.11288	0.11122	5.53E-03	9.74E-08	9.89E-08	6.98E-07	7.08E-07	3.69E-07	3.63E-07	5.5345E-03
606727.8	4201368.22	144017.9858	0.01766	0.01771	0.07861	0.0801	0.10954	0.10792	5.04E-03	9.93E-08	1.01E-07	7.17E-07	7.28E-07	3.58E-07	3.52E-07	5.0443E-03
606747.8	4201368.22	131745.9317	0.01834	0.01838	0.08145	0.08304	0.10631	0.10473	4.61E-03	1.03E-07	1.05E-07	7.43E-07	7.54E-07	3.48E-07	3.42E-07	4.6147E-03
606767.8	4201368.22	120844.2622	0.01917	0.0192	0.0848	0.08649	0.10317	0.10163	4.23E-03	1.08E-07	1.09E-07	7.73E-07	7.86E-07	3.37E-07	3.32E-07	4.2331E-03
606787.8	4201368.22	111190.5108	0.02013	0.02015	0.08865	0.09056	0.10012	0.09861	3.89E-03	1.13E-07	1.15E-07	8.09E-07	8.23E-07	3.27E-07	3.22E-07	3.8952E-03
606807.8	4201368.22	102735.8312	0.02135	0.02131	0.09321	0.09512	0.0972	0.09573	3.60E-03	1.20E-07	1.21E-07	8.50E-07	8.64E-07	3.18E-07	3.12E-07	3.5993E-03
606827.8	4201368.22	95291.62813	0.02241	0.02241	0.09748	0.09948	0.09441	0.09297	3.34E-03	1.26E-07	1.28E-07	8.89E-07	9.04E-07	3.09E-07	3.03E-07	3.3387E-03
606847.8	4201368.22	88632.39426	0.02359	0.02359	0.10215	0.10429	0.09171	0.09031	3.10E-03	1.33E-07	1.34E-07	9.32E-07	9.47E-07	3.00E-07	2.95E-07	3.1057E-03
606867.8	4201368.22	82673.76341	0.02486	0.02485	0.10718	0.10946	0.08912	0.08776	2.89E-03	1.40E-07	1.42E-07	9.78E-07	9.94E-07	2.91E-07	2.86E-07	2.8972E-03
606887.8	4201368.22	77302.68357	0.02629	0.02624	0.11269	0.1151	0.08662	0.08529	2.71E-03	1.48E-07	1.50E-07	1.03E-06	1.05E-06	2.83E-07	2.78E-07	2.7092E-03
606907.8	4201368.22	72459.71505	0.02782	0.02774	0.11872	0.12139	0.08422	0.08292	2.54E-03	1.56E-07	1.58E-07	1.08E-06	1.10E-06	2.75E-07	2.71E-07	2.5398E-03
606927.8	4201368.22	68068.30583	0.02951	0.02941	0.12543	0.12837	0.0819	0.08064	2.38E-03	1.66E-07	1.68E-07	1.14E-06	1.17E-06	2.68E-07	2.63E-07	2.3862E-03
606947.8	4201368.22	64074.94469	0.03135	0.03123	0.13292	0.13624	0.07967	0.07844	2.24E-03	1.76E-07	1.78E-07	1.21E-06	1.24E-06	2.61E-07	2.56E-07	2.2465E-03
606967.8	4201368.22	60446.64002	0.0333	0.03319	0.14127	0.1449	0.07752	0.07633	2.12E-03	1.87E-07	1.89E-07	1.29E-06	1.32E-06	2.54E-07	2.49E-07	2.1197E-03
606987.8	4201368.22	57103.03769	0.03545	0.03537	0.1508	0.1549	0.07544	0.07428	2.00E-03	1.99E-07	2.02E-07	1.38E-06	1.41E-06	2.47E-07	2.42E-07	2.0028E-03
607007.8	4201368.22	54044.69133	0.03768	0.03768	0.1617	0.1664	0.07344	0.0723	1.89E-03	2.12E-07	2.15E-07	1.47E-06	1.51E-06	2.40E-07	2.36E-07	1.8959E-03
607027.8	4201368.22	51180.83661	0.04022	0.04035	0.17508	0.18056	0.07147	0.07037	1.79E-03	2.26E-07	2.30E-07	1.60E-06	1.64E-06	2.34E-07	2.30E-07	1.7960E-03
607047.8	4201368.22	48568.61481	0.04271	0.04305	0.19026	0.19646	0.06959	0.06852	1.70E-03	2.40E-07	2.45E-07	1.74E-06	1.78E-06	2.28E-07	2.24E-07	1.7048E-03
607067.8	4201368.22	46138.45194	0.04538	0.04598	0.20882	0.21635	0.06776	0.06672	1.62E-03	2.55E-07	2.62E-07	1.90E-06	1.97E-06	2.22E-07	2.18E-07	1.6201E-03
607087.8	4201368.22	43909.59305	0.04793	0.04888	0.23061	0.23957	0.06601	0.06499	1.54E-03	2.70E-07	2.78E-07	2.10E-06	2.18E-06	2.16E-07	2.12E-07	1.5425E-03
607107.8	4201368.22	41868.24795	0.0501	0.05142	0.25515	0.26604	0.06434	0.06335	1.47E-03	2.82E-07	2.93E-07	2.33E-06	2.42E-06	2.10E-07	2.07E-07	1.4715E-03
607127.8	4201368.22	39969.08991	0.05219	0.05385	0.28474	0.29812	0.06272	0.06176	1.40E-03	2.94E-07	3.07E-07	2.60E-06	2.71E-06	2.05E-07	2.02E-07	1.4056E-03
607147.8	4201368.22	38196.1238	0.05427	0.05622	0.3208	0.33757	0.06116	0.06022	1.34E-03	3.05E-07	3.20E-07	2.93E-06	3.07E-06	2.00E-07	1.97E-07	1.3442E-03
607167.8	4201368.22	36548.29333	0.05649	0.05862	0.36534	0.38689	0.05965	0.05874	1.28E-03	3.18E-07	3.34E-07	3.33E-06	3.51E-06	1.95E-07	1.92E-07	1.2874E-03
607187.8	4201368.22	35016.36057	0.05901	0.06122	0.42179	0.45036	0.0582	0.05732	1.23E-03	3.32E-07	3.49E-07	3.85E-06	4.09E-06	1.90E-07	1.87E-07	1.2349E-03
607207.8	4201368.22	33598.93868	0.06198	0.06426	0.49573	0.53516	0.05682	0.05596	1.18E-03	3.49E-07	3.66E-07	4.52E-06	4.86E-06	1.86E-07	1.83E-07	1.1867E-03
607227.8	4201368.22	32273.54167	0.06542	0.06785	0.59648	0.65371	0.05549	0.05465	1.13E-03	3.68E-07	3.87E-07	5.44E-06	5.94E-06	1.81E-07	1.78E-07	1.1424E-03
607247.8	4201368.22	31023.94585	0.06931	0.07201	0.74095	0.82928	0.05419	0.05338	1.09E-03	3.90E-07	4.10E-07	6.76E-06	7.53E-06	1.77E-07	1.74E-07	1.1016E-03
607267.8	4201368.22	29848.48575	0.07362	0.07669	0.9635	1.11208	0.05294	0.05215	1.04E-03	4.14E-07	4.37E-07	8.79E-06	1.01E-05	1.73E-07	1.70E-07	1.0651E-03
607287.8	4201368.22	28751.74729	0.07836	0.08185	1.34641	1.6324	0.05174	0.05097	1.01E-03	4.41E-07	4.66E-07	1.23E-05	1.48E-05	1.69E-07	1.66E-07	1.0349E-03
607307.8	4201368.22	27715.23389	0.08355	0.08758	2.11922	2.78616	0.05057	0.04983	9.70E-04	4.70E-07	4.99E-07	1.93E-05	2.53E-05	1.65E-07	1.63E-07	1.0162E-03
606527.8	4201388.22	556952.0625	0.01228	0.01236	0.05756	0.05847	0.15458	0.15231	1.95E-02	6.91E-08	7.04E-08	5.25E-07	5.31E-07	5.06E-07	4.97E-07	1.9501E-02
606547.8	4201388.22	472306.6693	0.01311	0.01319	0.05979	0.06067	0.14921	0.14699	1.65E-02	7.37E-08	7.52E-08	5.45E-07	5.51E-07	4.88E-07	4.80E-07	1.6537E-02
606567.8	4201388.22	370143.5067	0.01359	0.01368	0.06162	0.06254	0.14415	0.14198	1.30E-02	7.64E-08	7.79E-08	5.62E-07	5.68E-07	4.71E-07	4.63E-07	1.2961E-02
606587.8	4201388.22	306166.4749	0.01403	0.01412	0.06342	0.06439	0.13938	0.13726	1.07E-02	7.89E-08	8.04E-08	5.78E-07	5.85E-07	4.56E-07	4.48E-07	1.0721E-02
606607.8	4201388.22	261949.5556	0.01448	0.01458	0.06533	0.06635	0.13482	0.13275	9.17E-03	8.14E-08	8.31E-08	5.96E-07	6.03E-07	4.41E-07	4.33E-07	9.1728E-03
606627.8	4201388.22	228685.513	0.01499	0.01509	0.06742	0.0685	0.13043	0.12841	8.01E-03	8.43E-08	8.60E-08	6.15E-07	6.22E-07	4.27E-07	4.19E-07	8.0083E-03
606647.8	4201388.22	202625.6443	0.01553	0.01562	0.06962	0.07077	0.12623	0.12427	7.09E-03	8.73E-08	8.90E-08	6.35E-07	6.43E-07	4.13E-07	4.06E-07	7.0960E-03
606667.8	4201388.22	181356.6715	0.01609	0.0162	0.07194	0.07317	0.12221	0.1203	6.35E-03	9.05E-08	9.23E-08	6.56E-07	6.65E-07	4.00E-07	3.93E-07	6.3514E-03
606687.8	4201388.22	163748.0865	0.01667	0.01677	0.07443	0.07575	0.11838	0.11652	5.73E-03	9.38E-08	9.55E-08	6.79E-07	6.88E-07	3.87E-07	3.80E-07	5.7350E-03
606707.8	4201388.22	148879.8512	0.01727	0.01736	0.07702	0.07843	0.11472	0.11291	5.21E-03	9.71E-08	9.89E-08	7.03E-07	7.12E-07	3.75E-07	3.69E-07	5.2145E-03
606727.8	4201388.22	136214.4719	0.01787	0.01794	0.07966	0.08117	0.11124	0.10947	4.77E-03	1.01E-07	1.02E-07	7.27E-07	7.37E-07	3.64E-07	3.57E-07	4.7711E-03
606747.8	4201388.22	125304.5588	0.01814	0.01816	0.08163	0.08325	0.10793	0.1062	4.39E-03	1.02E-07	1.03E-07	7.45E-07	7.56E-07	3.53E-07	3.47E-07	4.3892E-03
606767.8	4201388.22	115352.3905	0.01891	0.01892	0.0848	0.08653	0.10467	0.10299	4.04E-03	1.06E-07	1.08E-07	7.73E-07	7.86E-07	3.42E-07	3.36E-07	4.0408E-03
606787.8	4201388.22	106391.5923	0.02004	0.0199	0.08895	0.09096	0.10149	0.09986	3.72E-03	1.13E-07	1.13E-07	8.11E-07	8.26E-07	3.32E-07	3.26E-07	3.7272E-03
606807.8	4201388.22	98571.17554	0.02103	0.021	0.0931	0.09503	0.09847	0.09688	3.45E-03	1.18E-07	1.20E-07	8.49E-07	8.63E-07	3.22E-07	3.16E-07	3.4535E-03
606827.8	4201388.22	91595.90395	0.0221	0.02209	0.0974	0.09947	0.09556	0.09402	3.21E-03	1.24E-07	1.26E-07	8.88E-07	9.04E-07	3.13E-07	3.07E-07	3.2093E-03
606847.8	4201388.22	85341.53566	0.02329	0.02326	0.10211	0.10429	0.09276	0.09126	2.99E-03	1.31E-07	1.33E-07	9.31E-07	9.47E-07	3.03E-07	2.98E-07	2.9905E-03
606867.8	4201388.22	79720.39481	0.02458	0.02452	0.10718	0.1095	0.09006	0.08861	2.79E-03	1.38E-07	1.40E-07	9.78E-07	9.95E-07	2.95E-07	2.89E-07	2.7938E-03
606887.8	4201388.22	74666.14305	0.02596	0.02588	0.11265	0.11515	0.08748	0.08606	2.61E-03	1.46E-07	1.47E-07	1.03E-06	1.05E-06	2.86E-07	2.81E-07	2.6169E-03
606907.8	4201388.22	70091.34908	0.02747	0.02737	0.11865	0.12136	0.085	0.08362	2.45E-03	1.54E-07	1.56E-07	1.08E-06	1.10E-06	2.78E-07	2.73E-07	2.4569E-03
606927.8	4201388.22	65946.14027	0.0291	0.02897	0.12525	0.12822	0.08261	0.08128	2.31E-03	1.64E-07	1.65E-07	1.14E-06	1.16E-06	2.70E-07	2.65E-07	2.3119E-03
606947.8	4201388.22	62170.95664	0.03084	0.03071	0.13259	0.13588	0.08032	0.07902	2.18E-03	1.73E-07	1.75E-07	1.21E-06	1.23E-06	2.63E-07	2.58E-07	2.1799E-03
606967.8	4201388.22	58724.96047	0.03267	0.03257	0.14077	0.14442	0.07812	0.07686	2.06E-03	1.84E-07	1.86E-07	1.28E-06	1.31E-06	2.55E-07	2.51E-07	2.0594E-03
606987.8	4201388.22	55557.65255	0.0346	0.03456	0.15004	0.15418	0.076	0.07477	1.95E-03	1.95E-07	1.97E-07	1.37E-06	1.40E-06	2.49E-07	2.44E-07	1.9487E-03
607007.8	4201388.22	52622.22405	0.03667	0.03673	0.16076	0.16543	0.07393	0.07274	1.84E-03	2.06E-07	2.09E-07	1.47E-06	1.50E-06	2.42E-07	2.37E-07	1.8461E-03
607027.8	4201388.22	49818.35802	0.03919	0.03943	0.17495	0.18022	0.07187	0.07072	1.74E-03	2.20E-07	2.25E-07	1.60E-06	1.64E-06	2.35E-07	2.31E-07	1.7482E-03
607047.8	4201388.22	47302.02702	0.0415	0.04196	0.19046	0.19676	0.06994	0.06882	1.66E-03	2.33E-07	2.39E-07	1.74E-06	1.79E-06	2.29E-07	2.25E-07	1.6605E-03
607067.8	4201388.22	44971.93837	0.04377	0.04453	0.20885	0.21624	0.06807	0.06698	1.57E-03	2.46E-07	2.54E-07	1.90E-06	1.96E-06	2.23E-07	2.19E-07	1.5792E-03
607087.8	4201388.22	42842.56411	0.04567	0.04673	0.22939	0.23814	0.06629	0.06523	1.50E-03	2.57E-07	2.66E-07	2.09E-06	2.16E-06	2.17E-07	2.13E-07	1.5051E-03
607107.8	4201388.22	40884.71875	0.04744	0.04879	0.25342	0.26391	0.06459	0.06356	1.43E-03	2.67E-07	2.78E-07	2.31E-06	2.40E-06	2.11E-07	2.07E-07	1.4370E-03
607127.8	4201388.22	39063.07451	0.04915	0.05076	0.28227	0.29508	0.06295	0.06195	1.37E-03	2.76E-07	2.89E-07	2.57E-06	2.68E-06	2.06E-07	2.02E-07	1.3738E-03
607147.8	4201388.22	37358.89035	0.05092	0.05271	0.31748	0.33339	0.06136	0.06039	1.31E-03	2.86E-07	3.00E-07	2.90E-06	3.03E-06	2.01E-07	1.97E-07	1.3148E-03
607167.8	4201388.22	35768.72851	0.05288	0.05476	0.36096	0.38127	0.05983	0.05889	1.25E-03	2.97E-07	3.12E-07	3.29E-06	3.46E-06	1.96E-07	1.92E-07	1.2600E-03
607187.8	4201388.22	34286.60385	0.05517	0.05708	0.41595	0.44261	0.05835	0.05744	1.20E-03	3.10E-07	3.25E-07	3.79E-06	4.02E-06	1.91E-07	1.87E-07	1.2092E-03
607207.8	4201388.22	32902.93299	0.05789	0.05984	0.48758	0.52396	0.05693	0.05604	1.15E-03	3.26E-07	3.41E-07	4.45E-06	4.76E-06	1.86E-07	1.83E-07	1.1621E-03

607227.8	4201388.22	31626.20355	0.06096	0.06305	0.58509	0.63756	0.05558	0.05472	1.11E-03	3.43E-07	3.59E-07	5.34E-06	5.79E-06	1.82E-07	1.79E-07	1.1194E-03
607247.8	4201388.22	30419.35488	0.06439	0.06673	0.72364	0.80433	0.05427	0.05343	1.06E-03	3.62E-07	3.80E-07	6.60E-06	7.31E-06	1.77E-07	1.74E-07	1.0800E-03
607267.8	4201388.22	29289.55031	0.06816	0.07081	0.93522	1.07164	0.05301	0.0522	1.03E-03	3.83E-07	4.03E-07	8.53E-06	9.73E-06	1.73E-07	1.70E-07	1.0448E-03
607287.8	4201388.22	28232.55488	0.07226	0.07528	1.29256	1.55898	0.0518	0.05101	9.88E-04	4.06E-07	4.29E-07	1.18E-05	1.42E-05	1.69E-07	1.66E-07	1.0155E-03
607307.8	4201388.22	27226.0522	0.07677	0.08021	1.98836	2.62369	0.05062	0.04985	9.53E-04	4.32E-07	4.57E-07	1.81E-05	2.38E-05	1.66E-07	1.63E-07	9.9635E-04
606527.8	4201408.22	486292.5549	0.01272	0.01282	0.05872	0.05958	0.15797	0.15541	1.70E-02	7.15E-08	7.30E-08	5.36E-07	5.41E-07	5.17E-07	5.07E-07	1.7027E-02
606547.8	4201408.22	414923.4002	0.01308	0.01317	0.06031	0.06121	0.15251	0.15001	1.45E-02	7.36E-08	7.50E-08	5.50E-07	5.56E-07	4.99E-07	4.90E-07	1.4528E-02
606567.8	4201408.22	328622.651	0.01345	0.01355	0.06197	0.0629	0.14729	0.14487	1.15E-02	7.56E-08	7.72E-08	5.65E-07	5.71E-07	4.82E-07	4.73E-07	1.1507E-02
606587.8	4201408.22	275528.429	0.01383	0.01393	0.06369	0.06468	0.14231	0.13996	9.65E-03	7.78E-08	7.94E-08	5.81E-07	5.88E-07	4.65E-07	4.57E-07	9.6482E-03
606607.8	4201408.22	238121.0676	0.01428	0.01438	0.06561	0.06665	0.1375	0.13522	8.34E-03	8.03E-08	8.19E-08	5.98E-07	6.05E-07	4.50E-07	4.41E-07	8.3387E-03
606627.8	4201408.22	209639.0816	0.0148	0.01489	0.06771	0.06881	0.13288	0.13066	7.34E-03	8.32E-08	8.48E-08	6.18E-07	6.25E-07	4.35E-07	4.26E-07	7.3415E-03
606647.8	4201408.22	186966.2491	0.01534	0.01543	0.06994	0.07112	0.12845	0.1263	6.55E-03	8.63E-08	8.79E-08	6.38E-07	6.46E-07	4.20E-07	4.12E-07	6.5478E-03
606667.8	4201408.22	168630.59	0.01588	0.01596	0.07222	0.07348	0.12427	0.12218	5.90E-03	8.93E-08	9.09E-08	6.59E-07	6.67E-07	4.06E-07	3.99E-07	5.9059E-03
606687.8	4201408.22	153207.0258	0.01644	0.01651	0.07463	0.07598	0.12028	0.11825	5.36E-03	9.25E-08	9.41E-08	6.81E-07	6.90E-07	3.93E-07	3.86E-07	5.3660E-03
606707.8	4201408.22	139851.5947	0.01705	0.01712	0.07727	0.0787	0.11645	0.11447	4.90E-03	9.59E-08	9.75E-08	7.05E-07	7.15E-07	3.81E-07	3.74E-07	4.8984E-03
606727.8	4201408.22	128318.0193	0.01769	0.01776	0.08005	0.08159	0.11279	0.11087	4.49E-03	9.95E-08	1.01E-07	7.30E-07	7.41E-07	3.69E-07	3.62E-07	4.4947E-03
606747.8	4201408.22	118336.4028	0.01835	0.01839	0.08288	0.08454	0.10931	0.10745	4.14E-03	1.03E-07	1.05E-07	7.56E-07	7.68E-07	3.57E-07	3.51E-07	4.1453E-03
606767.8	4201408.22	109588.1918	0.01893	0.01889	0.08557	0.08732	0.10599	0.10418	3.84E-03	1.06E-07	1.08E-07	7.81E-07	7.93E-07	3.47E-07	3.40E-07	3.8391E-03
606787.8	4201408.22	101420.5313	0.01987	0.01988	0.08937	0.09126	0.10271	0.10095	3.55E-03	1.12E-07	1.13E-07	8.15E-07	8.29E-07	3.36E-07	3.30E-07	3.5532E-03
606807.8	4201408.22	94333.54176	0.0207	0.02063	0.09288	0.09486	0.09961	0.09791	3.30E-03	1.16E-07	1.18E-07	8.47E-07	8.62E-07	3.26E-07	3.20E-07	3.3051E-03
606827.8	4201408.22	87818.0295	0.02182	0.02178	0.09735	0.09944	0.09658	0.09493	3.07E-03	1.23E-07	1.24E-07	8.88E-07	9.03E-07	3.16E-07	3.10E-07	3.0771E-03
606847.8	4201408.22	81995.41642	0.023	0.02293	0.10203	0.10427	0.09369	0.09209	2.87E-03	1.29E-07	1.31E-07	9.31E-07	9.47E-07	3.06E-07	3.01E-07	2.8733E-03
606867.8	4201408.22	76748.77835	0.02426	0.02417	0.10706	0.10945	0.09091	0.08936	2.69E-03	1.36E-07	1.38E-07	9.77E-07	9.94E-07	2.97E-07	2.92E-07	2.6897E-03
606887.8	4201408.22	71999.71656	0.02565	0.02553	0.11255	0.11511	0.08824	0.08674	2.52E-03	1.44E-07	1.45E-07	1.03E-06	1.05E-06	2.89E-07	2.83E-07	2.5236E-03
606907.8	4201408.22	67700.87227	0.02712	0.02699	0.1185	0.12126	0.08568	0.08423	2.37E-03	1.53E-07	1.54E-07	1.08E-06	1.10E-06	2.80E-07	2.75E-07	2.3732E-03
606927.8	4201408.22	63735.41274	0.0288	0.02866	0.12524	0.1283	0.0832	0.08179	2.23E-03	1.62E-07	1.63E-07	1.14E-06	1.17E-06	2.72E-07	2.67E-07	2.2345E-03
606947.8	4201408.22	60173.82055	0.03046	0.03034	0.1325	0.13587	0.08085	0.07948	2.11E-03	1.71E-07	1.73E-07	1.21E-06	1.23E-06	2.64E-07	2.59E-07	2.1099E-03
606967.8	4201408.22	56909.87671	0.03218	0.03212	0.14063	0.14437	0.07859	0.07726	1.99E-03	1.81E-07	1.83E-07	1.28E-06	1.31E-06	2.57E-07	2.52E-07	1.9958E-03
606987.8	4201408.22	53900.37343	0.03398	0.034	0.14995	0.15406	0.07641	0.07512	1.89E-03	1.91E-07	1.94E-07	1.37E-06	1.40E-06	2.50E-07	2.45E-07	1.8906E-03
607007.8	4201408.22	51026.72656	0.03614	0.0363	0.16177	0.16638	0.07424	0.073	1.79E-03	2.03E-07	2.07E-07	1.48E-06	1.51E-06	2.43E-07	2.38E-07	1.7903E-03
607027.8	4201408.22	48328.51196	0.03848	0.03886	0.17636	0.18183	0.07212	0.07092	1.69E-03	2.16E-07	2.21E-07	1.61E-06	1.65E-06	2.36E-07	2.31E-07	1.6961E-03
607047.8	4201408.22	45954.99842	0.04024	0.04083	0.19111	0.19737	0.07016	0.069	1.61E-03	2.26E-07	2.33E-07	1.74E-06	1.79E-06	2.29E-07	2.25E-07	1.6133E-03
607067.8	4201408.22	43769.2838	0.04189	0.04273	0.20808	0.21532	0.06829	0.06716	1.53E-03	2.36E-07	2.43E-07	1.90E-06	1.96E-06	2.23E-07	2.19E-07	1.5371E-03
607087.8	4201408.22	41746.84454	0.04342	0.04452	0.22788	0.23639	0.06649	0.06539	1.46E-03	2.44E-07	2.54E-07	2.08E-06	2.15E-06	2.17E-07	2.13E-07	1.4667E-03
607107.8	4201408.22	39878.9332	0.04488	0.04621	0.25122	0.26136	0.06477	0.0637	1.40E-03	2.52E-07	2.63E-07	2.29E-06	2.37E-06	2.12E-07	2.08E-07	1.4017E-03
607127.8	4201408.22	38141.41485	0.04632	0.04783	0.2792	0.29147	0.06311	0.06207	1.34E-03	2.61E-07	2.73E-07	2.55E-06	2.65E-06	2.06E-07	2.03E-07	1.3414E-03
607147.8	4201408.22	36510.96912	0.04788	0.04948	0.31331	0.32842	0.0615	0.0605	1.28E-03	2.69E-07	2.82E-07	2.86E-06	2.98E-06	2.01E-07	1.97E-07	1.2850E-03
607167.8	4201408.22	34984.74938	0.04966	0.05129	0.35548	0.37448	0.05995	0.05898	1.22E-03	2.79E-07	2.92E-07	3.24E-06	3.40E-06	1.96E-07	1.93E-07	1.2324E-03
607187.8	4201408.22	33554.92126	0.05178	0.05341	0.40875	0.43334	0.05846	0.05751	1.17E-03	2.91E-07	3.04E-07	3.73E-06	3.94E-06	1.91E-07	1.88E-07	1.1834E-03
607207.8	4201408.22	32217.29806	0.05424	0.05592	0.47785	0.51085	0.05701	0.0561	1.13E-03	3.05E-07	3.19E-07	4.36E-06	4.64E-06	1.86E-07	1.83E-07	1.1379E-03
607227.8	4201408.22	30970.32862	0.05702	0.05884	0.57107	0.61753	0.05563	0.05474	1.08E-03	3.21E-07	3.35E-07	5.21E-06	5.61E-06	1.82E-07	1.79E-07	1.0961E-03
607247.8	4201408.22	29808.60885	0.06009	0.06213	0.70348	0.77329	0.05431	0.05345	1.04E-03	3.38E-07	3.54E-07	6.42E-06	7.02E-06	1.78E-07	1.74E-07	1.0581E-03
607267.8	4201408.22	28731.3468	0.06334	0.06566	0.90513	1.02084	0.05305	0.05222	1.01E-03	3.56E-07	3.74E-07	8.26E-06	9.27E-06	1.73E-07	1.70E-07	1.0245E-03
607287.8	4201408.22	27709.07199	0.06695	0.06955	1.23794	1.45686	0.05183	0.05102	9.70E-04	3.77E-07	3.96E-07	1.13E-05	1.32E-05	1.69E-07	1.67E-07	9.9570E-04
607307.8	4201408.22	26733.96552	0.07088	0.07385	1.86778	2.36873	0.05064	0.04985	9.36E-04	3.99E-07	4.21E-07	1.70E-05	2.15E-05	1.66E-07	1.63E-07	9.7563E-04
606533.18	4201421.18	414707.0721	0.01273	0.01283	0.05932	0.06018	0.15869	0.15596	1.45E-02	7.16E-08	7.31E-08	5.41E-07	5.47E-07	5.19E-07	5.09E-07	1.4521E-02
606553.18	4201421.18	344871.1145	0.01303	0.01311	0.06087	0.0618	0.1532	0.15056	1.21E-02	7.33E-08	7.47E-08	5.55E-07	5.61E-07	5.01E-07	4.91E-07	1.2076E-02
606573.18	4201421.18	284828.9625	0.01341	0.01349	0.06256	0.06352	0.14786	0.1453	9.97E-03	7.54E-08	7.69E-08	5.71E-07	5.77E-07	4.84E-07	4.74E-07	9.9739E-03
606593.18	4201421.18	245055.5068	0.01379	0.01388	0.06431	0.06533	0.14278	0.1403	8.58E-03	7.76E-08	7.91E-08	5.87E-07	5.93E-07	4.67E-07	4.58E-07	8.5814E-03
606613.18	4201421.18	215436.0922	0.01425	0.01433	0.06623	0.06731	0.13789	0.13548	7.54E-03	8.01E-08	8.16E-08	6.04E-07	6.11E-07	4.51E-07	4.42E-07	7.5445E-03
606633.18	4201421.18	191621.9094	0.01479	0.01486	0.06841	0.06956	0.13315	0.13082	6.71E-03	8.32E-08	8.47E-08	6.24E-07	6.32E-07	4.35E-07	4.27E-07	6.7108E-03
606653.18	4201421.18	171969.2725	0.01537	0.01546	0.07076	0.072	0.1286	0.12634	6.02E-03	8.64E-08	8.81E-08	6.45E-07	6.54E-07	4.21E-07	4.12E-07	6.0228E-03
606673.18	4201421.18	156034.4075	0.01593	0.01601	0.07313	0.07445	0.12433	0.12215	5.46E-03	8.96E-08	9.12E-08	6.67E-07	6.76E-07	4.07E-07	3.99E-07	5.4650E-03
606693.18	4201421.18	142703.9428	0.01647	0.01654	0.07557	0.07694	0.12031	0.11819	5.00E-03	9.26E-08	9.42E-08	6.89E-07	6.99E-07	3.93E-07	3.86E-07	4.9983E-03
606713.18	4201421.18	130916.1823	0.0171	0.01715	0.07821	0.07971	0.11643	0.11438	4.58E-03	9.62E-08	9.77E-08	7.13E-07	7.24E-07	3.81E-07	3.73E-07	4.5856E-03
606727.8	4201423.25	122465.8951	0.01755	0.01759	0.0803	0.08185	0.11385	0.11183	4.29E-03	9.87E-08	1.00E-07	7.32E-07	7.44E-07	3.72E-07	3.65E-07	4.2898E-03
606747.8	4201423.25	113230.7818	0.01822	0.01826	0.0832	0.08488	0.11026	0.1083	3.96E-03	1.02E-07	1.04E-07	7.59E-07	7.71E-07	3.61E-07	3.53E-07	3.9666E-03
606767.8	4201423.25	105080.3173	0.01892	0.01893	0.08617	0.08798	0.10684	0.10494	3.68E-03	1.06E-07	1.08E-07	7.86E-07	7.99E-07	3.49E-07	3.43E-07	3.6813E-03
606787.8	4201423.25	97660.65384	0.01974	0.01973	0.08956	0.09149	0.10352	0.10168	3.42E-03	1.11E-07	1.12E-07	8.17E-07	8.31E-07	3.39E-07	3.32E-07	3.4216E-03
606807.8	4201423.25	91123.34631	0.02048	0.02032	0.09268	0.09472	0.10038	0.0986	3.19E-03	1.15E-07	1.16E-07	8.45E-07	8.60E-07	3.28E-07	3.22E-07	3.1927E-03
606827.8	4201428.22	84092.41178	0.02149	0.0214	0.09694	0.0991	0.0975	0.09575	2.94E-03	1.21E-07	1.22E-07	8.84E-07	9.00E-07	3.19E-07	3.13E-07	2.9467E-03
606847.8	4201428.22	78655.77702	0.02271	0.02261	0.10184	0.10415	0.0945	0.09281	2.75E-03	1.28E-07	1.29E-07	9.29E-07	9.46E-07	3.09E-07	3.03E-07	2.7564E-03
606867.8	4201428.22	73782.94566	0.02395	0.02383	0.10682	0.10928	0.09164	0.09001	2.58E-03	1.35E-07	1.36E-07	9.74E-07	9.93E-07	3.00E-07	2.94E-07	2.5859E-03
606887.8	4201428.22	69346.81859	0.02531	0.02518	0.11229	0.11493	0.0889	0.08732	2.43E-03	1.42E-07	1.43E-07	1.02E-06	1.04E-06	2.91E-07	2.85E-07	2.4307E-03
606907.8	4201428.22	65193.54145	0.02693	0.0268	0.11887	0.12174	0.08621	0.08468	2.28E-03	1.51E-07	1.53E-07	1.08E-06	1.11E-06	2.82E-07	2.76E-07	2.2854E-03
606927.8	4201428.22	61335.44947	0.02881	0.0287	0.12636	0.12945	0.08358	0.08211	2.15E-03	1.62E-07	1.64E-07	1.15E-06	1.18E-06	2.73E-07	2.68E-07	2.1505E-03
606947.8	4201428.22	57929.87692	0.03058	0.03051	0.13427	0.13775	0.08114	0.07971	2.03E-03	1.72E-07	1.74E-07	1.22E-06	1.25E-06	2.65E-07	2.60E-07	2.0314E-03
606967.8	4201428.22	54841.90784	0.03225	0.03228	0.14275	0.14661	0.07881	0.07743	1.92E-03	1.81E-07	1.84E-07	1.30E-06	1.33E-06	2.58E-07	2.53E-07	1.9235E-03
606987.8	4201428.22	51962.60723	0.03394	0.03408	0.15261	0.15689	0.07656	0.07522	1.82E-03	1.91E-07	1.94E-07	1.39E-06	1.43E-06	2.50E-07	2.46E-07	1.8229E-03
607007.8	4201428.22	49269.35689	0.03559	0.03587	0.1639	0.16871	0.07436	0.07306	1.72E-03	2.00E-07	2.04E-07	1.49E-06	1.53E-06	2.43E-07	2.38E-07	1.7288E-03
607027.8	4201428.22	46808.83941	0.03712	0.03757	0.17639	0.18183	0.07227	0.07102	1.64E-03	2.09E-07	2.14E-07	1.61E-06	1.65E-06	2.36E-07	2.32E-07	1.6429E-03
607047.8	4201428.22	44592.63214	0.03857	0.03923	0.19049	0.19668	0.07031	0.06909	1.56E-03	2.17E-07	2.24E-07	1.74E-06	1.79E-06	2.30E-07	2.26E-07	1.5656E-03
607067.8	4201428.22	42558.56713	0.03993	0.04082	0.20677	0.21395	0.06844	0.06726	1.49E-03	2.25E-07	2.33E-07	1.89E-06	1.94E-06	2.24E-07	2.20E-07	1.4947E-03
607087.8	4201428.22	40652.40269	0.0412	0.0423	0.22589	0.23428	0.06663	0.06549	1.42E-03	2.32E-07	2.41E-07	2.06E-06	2.13E-06	2.18E-07	2.14E-07	1.4283E-03
607107.8	4201428.22	38871.69184	0.04243	0.0437	0.24853	0.25845	0.06488	0.06378	1.36E-03	2.39E-07	2.49E-07	2.27E-06	2.35E-06	2.12E-07	2.08E-07	1.3664E-03
607127.8	4201428.22	37214.68645	0.04371	0.04508	0.27561	0.28749	0.06321	0.06214	1.30E-03	2.46E-07	2.57E-07	2.51E-06	2.61E-06	2.07E-07	2.03E-07	1.3089E-03
607147.8	4201428.22	35661.64883	0.04512	0.04654	0.30851	0.32299	0.06159	0.06056	1.25E-03	2.54E-07	2.65E-07	2.81E-06	2.93E-06	2.01E-07	1.98E-07	1.2551E-03
607167.8	4201428.22	34198.13268	0.04678	0.04819	0.34915	0.36716	0.06003	0.05902	1.20E-03	2.63E-07	2.75E-07	3.18E-06	3.34E-06	1.96E-07	1.93E-07	1.2047E-03
607187.8	4201428.22	32818.67349	0.04872	0.05013	0.40034	0.42328	0.05851	0.05754	1.15E-03	2.74E-07	2.86E-07	3.65E-06	3.85E-06	1.91E-07	1.88E-07	1.1574E-03
607207.8	4201428.22	31528.84892	0.05095	0.05242	0.46655	0.49668	0.05705	0.05611	1.10E-03	2.87E-07	2.99E-07	4.26E-06	4.51E-06	1.87E-07	1.83E-07	1.1135E-03
607227.8	4201428.22	30322.7158	0.05345	0.05505	0.55529	0.59667	0.05565	0.05474	1.06E-03	3.01E-07	3.14E-07	5.06E-06	5.42E-06	1.82E-07	1.79E-07	1.0730E-03
607247.8	4201428.22	29208.86004	0.0562	0.058	0.68118	0.74188	0.05432	0.05344	1.02E-03	3.16E-07	3.30E-07	6.21E-06	6.74E-06	1.78E-07	1.74E-07	1.0365E-03
607267.8	4201428.22	28180.33415	0.05906	0.0611	0.87122	0.96824	0.05307	0.05221	9.87E-04	3.32E-07	3.48E-07	7.95E-06	8.80E-06	1.74E-07	1.70E-07	1.0043E-03
607287.8	4201428.22	27181.62258	0.06228	0.06454	1.17803	1.35098	0.05182	0.05099	9.52E-04	3.50E-07	3.68E-07	1.07E-05	1.23E-05	1.69E-07	1.66E-07	9.7568E-04
607307.8	4201428.22	26239.2166	0.06574	0.06832	1.74669	2.11236	0.05062	0.04982	9.19E-04	3.70E-07	3.89E-07	1.59E-05	1.92E-05	1.66E-07	1.63E-07	9.5482E-04
606357.31	4200991.9	330640.9126	0.01936	0.01997	0.04194	0.04193	0.05549	0.0574	1.16E-02	1.09E-07	1.14E-07	3.83E-07	3.81E-07	1.81E-07	1.87E-07	1.1577E-02
606373.3	4200990.76	313755.2173	0.01998	0.02061	0.04263	0.04261	0.0557	0.05756	1.10E-02	1.12E-07	1.17E-07	3.89E-07	3.87E-07	1.82E-07	1.88E-07	1.0986E-02
606393.3	4200990.76	301177.2094	0.02064	0.02131	0.04354	0.04351	0.05627	0.05807	1.05E-02	1.16E-07	1.21E-07	3.97E-07	3.95E-07	1.84E-07	1.90E-07	1.0545E-02
606413.3	4200990.76	288327.8917	0.02134	0.02204	0.04449	0.04446	0.05678	0.05851	1.01E-02	1.20E-07	1.26E-07	4.06E-07	4.04E-07	1.86E-07	1.91E-07	1.0096E-02
606433.3	4200990.76	275089.9633	0.0221	0.02283	0.04549	0.04545	0.05722	0.05888	9.63E-03	1.24E-07	1.30E-07	4.15E-07	4.13E-07	1.87E-07	1.92E-07	9.6321E-03
606453.3	4200990.76	261713.0529	0.02291	0.02369	0.04655	0.04649	0.05759	0.05918	9.16E-03	1.29E-07	1.35E-07	4.25E-07	4.22E-07	1.88E-07	1.93E-07	9.1638E-03
606473.3	4200990.76	248885.9943	0.02378	0.02461	0.04765	0.04752	0.0579	0.05942	8.71E-03	1.34E-07	1.40E-07	4.35E-07	4.32E-07	1.89E-07	1.94E-07	8.7148E-03
606493.3	4200990.76	237448.5012	0.02466	0.02555	0.04863	0.04822	0.05815	0.05959	8.31E-03	1.39E-07	1.46E-07	4.44E-07	4.38E-07	1.90E-07	1.95E-07	8.3144E-03
606513.3	4200990.76	227878.0022	0.02566	0.02654	0.04975	0.0494	0.05834	0.05971	7.98E-03	1.44E-07	1.51E-07	4.54E-07	4.49E-07	1.91E-07	1.95E-07	7.9794E-03
606355.59	4201005.6	422909.8858	0.01844	0.01901	0.04216	0.0422	0.05877	0.06076	1.48E-02	1.04E-07	1.08E-07	3.85E-07	3.83E-07	1.92E-07	1.98E-07	1.4807E-02
606375.59	4201005.6	405803.014	0.01908	0.01968	0.0431	0.04313	0.05936	0.06128	1.42E-02	1.07E-07	1.12E-07	3.93E-07	3.92E-07	1.94E-07	2.00E-07	1.4208E-02
606393.3	4201010.76	426278.5466	0.01933	0.01994	0.04407	0.04412	0.06109	0.06295	1.49E-02	1.09E-07	1.14E-07	4.02E-07	4.01E-07	2.00E-07	2.05E-07	1.4925E-02
606413.3	4201010.76	407211.5915	0.02	0.02065	0.04508	0.04512	0.0615	0.06329	1.43E-02	1.12E-07	1.18E-07	4.11E-07	4.10E-07	2.01E-07	2.07E-07	1.4258E-02
606433.3	4201010.76	386732.1306	0.02073	0.0214	0.04614	0.04618	0.06184	0.06354	1.35E-02	1.17E-07	1.22E-07	4.21E-07	4.20E-07	2.02E-07	2.07E-07	1.3541E-02
606453.3	4201010.76	364779.292	0.02148	0.0222	0.04724	0.04727	0.06211	0.06372	1.28E-02	1.21E-07	1.26E-07	4.31E-07	4.29E-07	2.03E-07	2.08E-07	1.2772E-02
606473.3	4201010.76	341352.4999	0.02229	0.02305	0.0484	0.04842	0.06231	0.06384	1.20E-02	1.25E-07	1.31E-07	4.41E-07	4.40E-07	2.04E-07	2.08E-07	1.1952E-02
606493.3	4201010.76	318323.286	0.02312	0.02392	0.0496	0.04961	0.06245	0.0639	1.11E-02	1.30E-07	1.36E-07	4.52E-07	4.51E-07	2.04E-07	2.09E-07	1.1146E-02
606513.3	4201010.76	300034.2956	0.02397	0.02482	0.05085	0.05085	0.06253	0.0639	1.05E-02	1.35E-07	1.41E-07	4.64E-07	4.62E-07	2.04E-07	2.09E-07	1.0506E-02
606320.15	4201003.05	434848.4162	0.01742	0.01794	0.04046	0.0405	0.05691	0.059	1.52E-02	9.80E-08	1.02E-07	3.69E-07	3.68E-07	1.86E-07	1.93E-07	1.5225E-02
606340.15	4201003.05	417999.4085	0.01806	0.01861	0.04138	0.04141	0.05763	0.05966	1.46E-02	1.02E-07	1.06E-07	3.77E-07	3.76E-07	1.88E-07	1.95E-07	1.4635E-02
608186.19	4200741.15	10292.55982	0.2604	0.26385	0.03479	0.03351	0.02094	0.02086	3.60E-04	1.46E-06	1.50E-06	3.17E-07	3.04E-07	6.85E-08	6.81E-08	3.6406E-04
608186.19	4200794.35	10291.44769	0.23818	0.24167	0.03996	0.03853	0.02145	0.02135	3.60E-04	1.34E-06	1.38E-06	3.64E-07	3.50E-07	7.01E-08	6.97E-08	3.6386E-04
608186.19	4200733.55	10289.19836	0.26362	0.26706	0.03408	0.03283	0.02086	0.02079	3.60E-04	1.48E-06	1.52E-06	3.11E-07	2.98E-07	6.82E-08	6.79E-08	3.6396E-04
608186.19	4200801.95	10288.06323	0.23508	0.23856	0.04072	0.03928	0.02152	0.02142	3.60E-04	1.32E-06	1.36E-06	3.71E-07	3.57E-07	7.04E-08	6.99E-08	3.6373E-04
608186.19	4200809.55	10283.70608	0.23199	0.23547	0.0415	0.04003	0.02159	0.02148	3.60E-04	1.30E-06	1.34E-06	3.79E-07	3.64E-07	7.06E-08	7.01E-08	3.6355E-04
608186.19	4200817.15	10278.54755	0.22892	0.2324	0.04227	0.04079	0.02165	0.02154	3.60E-04	1.29E-06	1.32E-06	3.86E-07	3.71E-07	7.08E-08	7.03E-08	3.6335E-04
608186.19	4200824.75	10272.5375	0.22588	0.22936	0.04306	0.04155	0.02171	0.0216	3.60E-04	1.27E-06	1.31E-06	3.93E-07	3.77E-07	7.10E-08	7.05E-08	3.6312E-04
608186.19	4200832.35	10265.80646	0.22286	0.22633	0.04384	0.04232	0.02177	0.02166	3.59E-04	1.25E-06	1.29E-06	4.00E-07	3.84E-07	7.12E-08	7.07E-08	3.6287E-04
608186.19	4200839.95	10258.30073	0.21987	0.22333	0.04463	0.0431	0.02183	0.02172	3.59E-04	1.24E-06	1.27E-06	4.07E-07	3.92E-07	7.14E-08	7.09E-08	3.6258E-04
608186.19	4200847.55	10250.15221	0.21691	0.22036	0.04542	0.04387	0.02189	0.02177	3.59E-04	1.22E-06	1.26E-06	4.14E-07	3.99E-07	7.16E-08	7.11E-08	3.6228E-04
608186.19	4200855.15	10241.39239	0.21397	0.21741	0.04622	0.04465	0.02195	0.02183	3.59E-04	1.20E-06	1.24E-06	4.22E-07	4.06E-07	7.18E-08	7.13E-08	3.6195E-04
608186.19	4200862.75	10231.93661	0.21106	0.21449	0.04702	0.04544	0.022	0.02188	3.58E-04	1.19E-06	1.22E-06	4.29E-07	4.13E-07	7.19E-08	7.14E-08	3.6160E-04
608186.19	4200870.35	10221.77485	0.20818	0.2116	0.04782	0.04623	0.02206	0.02193	3.58E-04	1.17E-06	1.21E-06	4.36E-07	4.20E-07	7.21E-08	7.16E-08	3.6123E-04
608193.06	4200763.95	10232.68089	0.24621	0.2496	0.03686	0.03553	0.02109	0.02101	3.58E-04	1.38E-06	1.42E-06	3.36E-07	3.23E-07	6.90E-08	6.86E-08	3.6184E-04
608193.06	4200771.55	10232.41306	0.24313	0.24653	0.03759	0.03624	0.02117	0.02108	3.58E-04	1.37E-06	1.40E-06	3.43E-07	3.29E-07	6.92E-08	6.88E-08	3.6181E-04
608193.06	4200756.35	10231.96322	0.2493	0.25269	0.03613	0.03483	0.02102	0.02094	3.58E-04	1.40E-06	1.44E-06	3.30E-07	3.16E-07	6.87E-08	6.83E-08	3.6184E-04
608193.06	4200779.15	10230.93516	0.24007	0.24347	0.03833	0.03696	0.02124	0.02114	3.58E-04	1.35E-06	1.39E-06	3.50E-07	3.36E-07	6.95E-08	6.90E-08	3.6174E-04
608193.06	4200748.75	10230.50302	0.2524	0.25578	0.03542	0.03414	0.02095	0.02087	3.58E-04	1.42E-06	1.46E-06	3.23E-07	3.10E-07	6.85E-08	6.81E-08	3.6181E-04
608193.06	4200786.75	10228.46484	0.23701	0.24041	0.03907	0.03768	0.02131	0.02121	3.58E-04	1.33E-06	1.37E-06	3.56E-07	3.42E-07	6.97E-08	6.92E-08	3.6163E-04
608193.06	4200741.15	10228.37438	0.25551	0.25888	0.03471	0.03345	0.02087	0.02079	3.58E-04	1.44E-06	1.47E-06	3.17E-07	3.04E-07	6.83E-08	6.79E-08	3.6175E-04
608193.06	4200794.35	10225.40097	0.23397	0.23738	0.03982	0.03841	0.02137	0.02128	3.58E-04	1.32E-06	1.35E-06	3.63E-07	3.49E-07	6.99E-08	6.95E-08	3.6150E-04
608193.06	4200733.55	10225.12288	0.25862	0.26198	0.03401	0.03278	0.02079	0.02072	3.58E-04	1.45E-06	1.49E-06	3.10E-07	2.98E-07	6.80E-08	6.76E-08	3.6166E-04
608193.06	4200801.95	10221.54231	0.23096	0.23436	0.04058	0.03915	0.02144	0.02134	3.58E-04	1.30E-06	1.34E-06	3.70E-07	3.56E-07	7.01E-08	6.97E-08	3.6135E-04
608193.06	4200809.55	10216.82479	0.22796	0.23136	0.04134	0.03989	0.02151	0.0214	3.58E-04	1.28E-06	1.32E-06	3.77E-07	3.62E-07	7.03E-08	6.99E-08	3.6116E-04
608193.06	4200817.15	10211.51012	0.22498	0.22838	0.0421	0.04064	0.02157	0.02146	3.57E-04	1.27E-06	1.30E-06	3.84E-07	3.69E-07	7.05E-08	7.00E-08	3.6096E-04
608193.06	4200824.75	10205.63818	0.22203	0.22543	0.04287	0.04139	0.02163	0.02152	3.57E-04	1.25E-06	1.28E-06	3.91E-07	3.76E-07	7.07E-08	7.02E-08	3.6073E-04
608193.06	4200832.35	10198.97522	0.2191	0.22249	0.04365	0.04215	0.02169	0.02158	3.57E-04	1.23E-06	1.27E-06	3.98E-07	3.83E-07	7.09E-08	7.04E-08	3.6048E-04
608193.06	4200839.95	10191.36756	0.21619	0.21958	0.04442	0.04291	0.02175	0.02163	3.57E-04	1.22E-06	1.25E-06	4.05E-07	3.90E-07	7.11E-08	7.06E-08	3.6019E-04
608193.06	4200847.55	10183.12196	0.21331	0.21669	0.04521	0.04368	0.02181	0.02169	3.57E-04	1.20E-06	1.23E-06	4.12E-07	3.97E-07	7.13E-08	7.08E-08	3.5989E-04
608193.06	4200855.15	10174.27359	0.21046	0.21382	0.04599	0.04445	0.02186	0.02174	3.56E-04	1.18E-06	1.22E-06	4.19E-07	4.04E-07	7.15E-08	7.10E-08	3.5956E-04
608193.06	4200862.75	10164.74382	0.20763	0.21098	0.04678	0.04522	0.02192	0.02179	3.56E-04	1.17E-06	1.20E-06	4.27E-07	4.11E-07	7.17E-08	7.11E-08	3.5921E-04
608193.06	4200870.35	10154.62802	0.20483	0.20817	0.04757	0.046	0.02197	0.02184	3.56E-04	1.15E-06	1.19E-06	4.34E-07	4.18E-07	7.18E-08	7.13E-08	3.5884E-04
608199.93	4200763.95	10168.16804	0.24174	0.24505	0.03676	0.03545	0.02102	0.02093	3.56E-04	1.36E-06	1.40E-06	3.35E-07	3.22E-07	6.87E-08	6.83E-08	3.5953E-04
608199.93	4200771.55	10167.65094	0.23875	0.24207	0.03748	0.03615	0.02109	0.021	3.56E-04	1.34E-06	1.38E-06	3.42E-07	3.28E-07	6.90E-08	6.85E-08	3.5949E-04
608199.93	4200756.35	10167.60016	0.24473	0.24804	0.03604	0.03476	0.02095	0.02086	3.56E-04	1.38E-06	1.41E-06	3.29E-07	3.16E-07	6.85E-08	6.81E-08	3.5953E-04
608199.93	4200748.75	10166.41283	0.24773	0.25103	0.03533	0.03407	0.02087	0.02079	3.56E-04	1.39E-06	1.43E-06	3.22E-07	3.09E-07	6.83E-08	6.79E-08	3.5951E-04
608199.93	4200779.15	10165.93868	0.23578	0.2391	0.03821	0.03685	0.02116	0.02107	3.56E-04	1.33E-06	1.36E-06	3.49E-07	3.35E-07	6.92E-08	6.88E-08	3.5941E-04
608199.93	4200741.15	10164.68701	0.25074	0.25403	0.03464	0.0334	0.0208	0.02072	3.56E-04	1.41E-06	1.45E-06	3.16E-07	3.03E-07	6.80E-08	6.76E-08	3.5947E-04
608199.93	4200786.75	10163.3566	0.23282	0.23614	0.03894	0.03757	0.02123	0.02113	3.56E-04	1.31E-06	1.35E-06	3.55E-07	3.41E-07	6.94E-08	6.90E-08	3.5930E-04
608199.93	4200733.55	10161.64036	0.25375	0.25703	0.03394	0.03273	0.02072	0.02065	3.56E-04	1.43E-06	1.46E-06	3.10E-07	2.97E-07	6.78E-08	6.74E-08	3.5938E-04
608199.93	4200794.35	10159.99893	0.22987	0.2332	0.03968	0.03829	0.0213	0.0212	3.56E-04	1.29E-06	1.33E-06	3.62E-07	3.48E-07	6.97E-08	6.92E-08	3.5916E-04
608199.93	4200801.95	10155.87366	0.22694	0.23027	0.04042	0.03902	0.02136	0.02126	3.56E-04	1.28E-06	1.31E-06	3.69E-07	3.54E-07	6.99E-08	6.94E-08	3.5900E-04
608199.93	4200809.55	10150.89496	0.22402	0.22735	0.04117	0.03975	0.02143	0.02132	3.55E-04	1.26E-06	1.30E-06	3.76E-07	3.61E-07	7.01E-08	6.96E-08	3.5881E-04
608199.93	4200817.15	10145.3305	0.22113	0.22446	0.04193	0.04049	0.02149	0.02138	3.55E-04	1.24E-06	1.28E-06	3.82E-07	3.68E-07	7.03E-08	6.98E-08	3.5859E-04
608199.93	4200824.75	10139.2251	0.21827	0.22159	0.04269	0.04123	0.02155	0.02144	3.55E-04	1.23E-06	1.26E-06	3.89E-07	3.75E-07	7.05E-08	7.00E-08	3.5836E-04
608199.93	4200832.35	10132.63287	0.21543	0.21874	0.04345	0.04198	0.02161	0.02149	3.55E-04	1.21E-06	1.25E-06	3.96E-07	3.81E-07	7.07E-08	7.01E-08	3.5811E-04
608199.93	4200839.95	10125.02443	0.2126	0.21591	0.04422	0.04273	0.02167	0.02155	3.54E-04	1.20E-06	1.23E-06	4.03E-07	3.88E-07	7.09E-08	7.03E-08	3.5783E-04
608199.93	4200847.55	10116.77672	0.2098	0.2131	0.04499	0.04348	0.02172	0.0216	3.54E-04	1.18E-06	1.21E-06	4.10E-07	3.95E-07	7.10E-08	7.05E-08	3.5752E-04
608199.93	4200855.15	10107.8406	0.20703	0.21031	0.04576	0.04424	0.02178	0.02165	3.54E-04	1.16E-06	1.20E-06	4.17E-07	4.02E-07	7.12E-08	7.07E-08	3.5719E-04
608199.93	4200862.75	10098.2432	0.20428	0.20755	0.04654	0.045	0.02183	0.0217	3.54E-04	1.15E-06	1.18E-06	4.25E-07	4.09E-07	7.14E-08	7.08E-08	3.5684E-04
608199.93	4200870.35	10088.08727	0.20155	0.20482	0.04732	0.04577	0.02188	0.02175	3.53E-04	1.13E-06	1.17E-06	4.32E-07	4.16E-07	7.16E-08	7.10E-08	3.5647E-04
608206.8	4200763.95	10104.0685	0.23737	0.24061	0.03665	0.03536	0.02095	0.02086	3.54E-04	1.33E-06	1.37E-06	3.34E-07	3.21E-07	6.85E-08	6.81E-08	3.5723E-04
608206.8	4200756.35	10103.84623	0.24027	0.24351	0.03595	0.03468	0.02088	0.02079	3.54E-04	1.35E-06	1.39E-06	3.28E-07	3.15E-07	6.83E-08	6.79E-08	3.5724E-04
608206.8	4200771.55	10103.41179	0.23448	0.23773	0.03737	0.03606	0.02102	0.02093	3.54E-04	1.32E-06	1.35E-06	3.41E-07	3.28E-07	6.87E-08	6.83E-08	3.5719E-04
608206.8	4200748.75	10103.11297	0.24318	0.24641	0.03525	0.034	0.0208	0.02072	3.54E-04	1.37E-06	1.40E-06	3.22E-07	3.09E-07	6.80E-08	6.76E-08	3.5724E-04
608206.8	4200741.15	10101.58364	0.2461	0.24932	0.03456	0.03333	0.02073	0.02065	3.54E-04	1.38E-06	1.42E-06	3.15E-07	3.03E-07	6.78E-08	6.74E-08	3.5720E-04
608206.8	4200779.15	10101.57181	0.2316	0.23485	0.03808	0.03676	0.02109	0.02099	3.54E-04	1.30E-06	1.34E-06	3.47E-07	3.34E-07	6.90E-08	6.85E-08	3.5711E-04
608206.8	4200786.75	10098.78515	0.22872	0.23197	0.03881	0.03746	0.02115	0.02106	3.54E-04	1.29E-06	1.32E-06	3.54E-07	3.40E-07	6.92E-08	6.87E-08	3.5699E-04
608206.8	4200733.55	10098.74153	0.24901	0.25222	0.03388	0.03267	0.02065	0.02058	3.54E-04	1.40E-06	1.44E-06	3.09E-07	2.97E-07	6.75E-08	6.72E-08	3.5713E-04
608206.8	4200794.35	10095.23848	0.22586	0.22912	0.03954	0.03817	0.02122	0.02112	3.53E-04	1.27E-06	1.31E-06	3.61E-07	3.47E-07	6.94E-08	6.89E-08	3.5685E-04
608206.8	4200801.95	10090.94707	0.22302	0.22627	0.04027	0.03889	0.02128	0.02118	3.53E-04	1.25E-06	1.29E-06	3.67E-07	3.53E-07	6.96E-08	6.91E-08	3.5668E-04
608206.8	4200809.55	10085.90073	0.22019	0.22344	0.04101	0.03961	0.02135	0.02124	3.53E-04	1.24E-06	1.27E-06	3.74E-07	3.60E-07	6.98E-08	6.93E-08	3.5648E-04
608206.8	4200817.15	10080.09564	0.21738	0.22063	0.04176	0.04034	0.02141	0.0213	3.53E-04	1.22E-06	1.26E-06	3.81E-07	3.66E-07	7.00E-08	6.95E-08	3.5626E-04
608206.8	4200824.75	10073.58113	0.21459	0.21784	0.04251	0.04107	0.02147	0.02136	3.53E-04	1.21E-06	1.24E-06	3.88E-07	3.73E-07	7.02E-08	6.97E-08	3.5602E-04
608206.8	4200832.35	10066.77765	0.21183	0.21507	0.04326	0.0418	0.02153	0.02141	3.52E-04	1.19E-06	1.23E-06	3.95E-07	3.80E-07	7.04E-08	6.99E-08	3.5576E-04
608206.8	4200839.95	10059.3514	0.20909	0.21232	0.04401	0.04254	0.02158	0.02147	3.52E-04	1.18E-06	1.21E-06	4.01E-07	3.86E-07	7.06E-08	7.01E-08	3.5548E-04
608206.8	4200847.55	10051.10951	0.20637	0.20959	0.04477	0.04329	0.02164	0.02152	3.52E-04	1.16E-06	1.19E-06	4.08E-07	3.93E-07	7.08E-08	7.02E-08	3.5518E-04
608206.8	4200855.15	10042.08941	0.20367	0.20688	0.04554	0.04404	0.02169	0.02157	3.52E-04	1.15E-06	1.18E-06	4.15E-07	4.00E-07	7.09E-08	7.04E-08	3.5485E-04
608206.8	4200862.75	10032.43127	0.201	0.2042	0.0463	0.04479	0.02175	0.02162	3.51E-04	1.13E-06	1.16E-06	4.22E-07	4.07E-07	7.11E-08	7.06E-08	3.5449E-04
608206.8	4200870.35	10022.2354	0.19835	0.20154	0.04707	0.04554	0.0218	0.02167	3.51E-04	1.12E-06	1.15E-06	4.29E-07	4.14E-07	7.13E-08	7.07E-08	3.5412E-04
608213.67	4200756.35	10040.69624	0.23593	0.23909	0.03585	0.0346	0.0208	0.02072	3.52E-04	1.33E-06	1.36E-06	3.27E-07	3.14E-07	6.80E-08	6.76E-08	3.5498E-04
608213.67	4200763.95	10040.47803	0.23312	0.23629	0.03655	0.03528	0.02087	0.02079	3.52E-04	1.31E-06	1.35E-06	3.33E-07	3.20E-07	6.83E-08	6.79E-08	3.5496E-04
608213.67	4200748.75	10040.30243	0.23875	0.24191	0.03516	0.03393	0.02073	0.02065	3.52E-04	1.34E-06	1.38E-06	3.21E-07	3.08E-07	6.78E-08	6.74E-08	3.5499E-04
608213.67	4200771.55	10039.59435	0.23032	0.23349	0.03725	0.03596	0.02094	0.02085	3.51E-04	1.30E-06	1.33E-06	3.40E-07	3.27E-07	6.85E-08	6.81E-08	3.5491E-04
608213.67	4200741.15	10039.15397	0.24158	0.24473	0.03448	0.03327	0.02066	0.02058	3.51E-04	1.36E-06	1.39E-06	3.15E-07	3.02E-07	6.76E-08	6.72E-08	3.5497E-04
608213.67	4200779.15	10037.63389	0.22752	0.23069	0.03796	0.03665	0.02101	0.02092	3.51E-04	1.28E-06	1.31E-06	3.46E-07	3.33E-07	6.87E-08	6.83E-08	3.5482E-04
608213.67	4200733.55	10036.51788	0.2444	0.24754	0.03381	0.03261	0.02058	0.02051	3.51E-04	1.37E-06	1.41E-06	3.08E-07	2.96E-07	6.73E-08	6.69E-08	3.5489E-04
608213.67	4200786.75	10034.74366	0.22473	0.22791	0.03868	0.03735	0.02108	0.02098	3.51E-04	1.26E-06	1.30E-06	3.53E-07	3.39E-07	6.89E-08	6.85E-08	3.5470E-04
608213.67	4200794.35	10031.10994	0.22196	0.22514	0.0394	0.03805	0.02114	0.02104	3.51E-04	1.25E-06	1.28E-06	3.59E-07	3.46E-07	6.91E-08	6.87E-08	3.5455E-04
608213.67	4200801.95	10026.65995	0.2192	0.22237	0.04012	0.03876	0.02121	0.0211	3.51E-04	1.23E-06	1.27E-06	3.66E-07	3.52E-07	6.94E-08	6.89E-08	3.5438E-04
608213.67	4200809.55	10021.45804	0.21645	0.21963	0.04085	0.03947	0.02127	0.02116	3.51E-04	1.22E-06	1.25E-06	3.73E-07	3.59E-07	6.96E-08	6.91E-08	3.5418E-04
608213.67	4200817.15	10015.50975	0.21372	0.2169	0.04159	0.04019	0.02133	0.02122	3.51E-04	1.20E-06	1.24E-06	3.79E-07	3.65E-07	6.98E-08	6.93E-08	3.5396E-04
608213.67	4200824.75	10008.87113	0.21101	0.21418	0.04232	0.04091	0.02139	0.02127	3.50E-04	1.19E-06	1.22E-06	3.86E-07	3.72E-07	7.00E-08	6.94E-08	3.5371E-04
608213.67	4200832.35	10001.6825	0.20832	0.21149	0.04307	0.04164	0.02144	0.02133	3.50E-04	1.17E-06	1.20E-06	3.93E-07	3.78E-07	7.01E-08	6.96E-08	3.5344E-04
608213.67	4200839.95	9994.25282	0.20566	0.20882	0.04381	0.04237	0.0215	0.02138	3.50E-04	1.16E-06	1.19E-06	4.00E-07	3.85E-07	7.03E-08	6.98E-08	3.5316E-04
608213.67	4200847.55	9986.10886	0.20302	0.20616	0.04456	0.0431	0.02156	0.02144	3.50E-04	1.14E-06	1.17E-06	4.06E-07	3.92E-07	7.05E-08	7.00E-08	3.5286E-04
608213.67	4200855.15	9977.00934	0.20039	0.20353	0.04531	0.04384	0.02161	0.02149	3.49E-04	1.13E-06	1.16E-06	4.13E-07	3.98E-07	7.07E-08	7.01E-08	3.5252E-04
608213.67	4200862.75	9967.29952	0.19779	0.20092	0.04606	0.04458	0.02166	0.02153	3.49E-04	1.11E-06	1.14E-06	4.20E-07	4.05E-07	7.08E-08	7.03E-08	3.5217E-04
608213.67	4200870.35	9957.0664	0.19521	0.19833	0.04682	0.04532	0.02171	0.02158	3.49E-04	1.10E-06	1.13E-06	4.27E-07	4.12E-07	7.10E-08	7.04E-08	3.5180E-04
608220.54	4200756.35	9978.22829	0.2317	0.23479	0.03576	0.03452	0.02073	0.02065	3.49E-04	1.30E-06	1.34E-06	3.26E-07	3.14E-07	6.78E-08	6.74E-08	3.5274E-04
608220.54	4200748.75	9978.17066	0.23444	0.23752	0.03508	0.03386	0.02066	0.02058	3.49E-04	1.32E-06	1.35E-06	3.20E-07	3.08E-07	6.76E-08	6.72E-08	3.5276E-04

608220.54	4200763.95	9977.58754	0.22897	0.23207	0.03645	0.03519	0.0208	0.02071	3.49E-04	1.29E-06	1.32E-06	3.32E-07	3.20E-07	6.80E-08	6.76E-08	3.5270E-04
608220.54	4200741.15	9977.19971	0.23718	0.24025	0.0344	0.0332	0.02059	0.02051	3.49E-04	1.33E-06	1.37E-06	3.14E-07	3.02E-07	6.73E-08	6.69E-08	3.5274E-04
608220.54	4200771.55	9976.29342	0.22625	0.22935	0.03714	0.03586	0.02087	0.02078	3.49E-04	1.27E-06	1.31E-06	3.39E-07	3.26E-07	6.83E-08	6.78E-08	3.5264E-04
608220.54	4200733.55	9974.86008	0.23991	0.24297	0.03373	0.03256	0.02052	0.02044	3.49E-04	1.35E-06	1.38E-06	3.08E-07	2.96E-07	6.71E-08	6.67E-08	3.5268E-04
608220.54	4200779.15	9974.02754	0.22354	0.22664	0.03784	0.03655	0.02094	0.02084	3.49E-04	1.26E-06	1.29E-06	3.45E-07	3.32E-07	6.85E-08	6.80E-08	3.5254E-04
608220.54	4200786.75	9971.03876	0.22083	0.22394	0.03854	0.03723	0.021	0.0209	3.49E-04	1.24E-06	1.28E-06	3.52E-07	3.38E-07	6.87E-08	6.82E-08	3.5242E-04
608220.54	4200794.35	9967.51608	0.21814	0.22125	0.03926	0.03793	0.02107	0.02097	3.49E-04	1.23E-06	1.26E-06	3.58E-07	3.45E-07	6.89E-08	6.84E-08	3.5228E-04
608220.54	4200801.95	9963.00226	0.21546	0.21857	0.03997	0.03863	0.02113	0.02103	3.49E-04	1.21E-06	1.25E-06	3.65E-07	3.51E-07	6.91E-08	6.86E-08	3.5211E-04
608220.54	4200809.55	9957.64719	0.2128	0.2159	0.04069	0.03933	0.02119	0.02108	3.49E-04	1.20E-06	1.23E-06	3.71E-07	3.57E-07	6.93E-08	6.88E-08	3.5190E-04
608220.54	4200817.15	9951.56365	0.21015	0.21325	0.04141	0.04004	0.02125	0.02114	3.48E-04	1.18E-06	1.22E-06	3.78E-07	3.64E-07	6.95E-08	6.90E-08	3.5167E-04
608220.54	4200824.75	9944.8049	0.20751	0.21061	0.04214	0.04075	0.02131	0.02119	3.48E-04	1.17E-06	1.20E-06	3.84E-07	3.70E-07	6.97E-08	6.92E-08	3.5142E-04
608220.54	4200832.35	9937.33522	0.2049	0.20799	0.04287	0.04147	0.02136	0.02125	3.48E-04	1.15E-06	1.19E-06	3.91E-07	3.77E-07	6.99E-08	6.94E-08	3.5114E-04
608220.54	4200839.95	9929.90306	0.20231	0.20539	0.04361	0.04219	0.02142	0.0213	3.48E-04	1.14E-06	1.17E-06	3.98E-07	3.83E-07	7.00E-08	6.95E-08	3.5087E-04
608220.54	4200847.55	9921.67599	0.19974	0.20281	0.04435	0.04291	0.02147	0.02135	3.47E-04	1.12E-06	1.16E-06	4.05E-07	3.90E-07	7.02E-08	6.97E-08	3.5056E-04
608220.54	4200855.15	9912.59234	0.19718	0.20025	0.04509	0.04364	0.02152	0.0214	3.47E-04	1.11E-06	1.14E-06	4.11E-07	3.96E-07	7.04E-08	6.99E-08	3.5023E-04
608220.54	4200862.75	9902.83882	0.19465	0.19771	0.04583	0.04437	0.02158	0.02145	3.47E-04	1.09E-06	1.13E-06	4.18E-07	4.03E-07	7.06E-08	7.00E-08	3.4987E-04
608220.54	4200870.35	9892.56778	0.19214	0.19519	0.04657	0.0451	0.02162	0.02149	3.46E-04	1.08E-06	1.11E-06	4.25E-07	4.10E-07	7.07E-08	7.01E-08	3.4950E-04
608227.41	4200748.75	9916.5257	0.23024	0.23325	0.03499	0.03379	0.02059	0.02051	3.47E-04	1.29E-06	1.33E-06	3.19E-07	3.07E-07	6.73E-08	6.69E-08	3.5055E-04
608227.41	4200756.35	9916.43999	0.22758	0.23061	0.03566	0.03444	0.02066	0.02057	3.47E-04	1.28E-06	1.31E-06	3.25E-07	3.13E-07	6.76E-08	6.71E-08	3.5053E-04
608227.41	4200741.15	9915.61979	0.23289	0.23589	0.03432	0.03314	0.02052	0.02044	3.47E-04	1.31E-06	1.34E-06	3.13E-07	3.01E-07	6.71E-08	6.67E-08	3.5054E-04
608227.41	4200763.95	9915.47858	0.22493	0.22796	0.03634	0.0351	0.02073	0.02064	3.47E-04	1.27E-06	1.30E-06	3.31E-07	3.19E-07	6.78E-08	6.74E-08	3.5048E-04
608227.41	4200771.55	9913.77987	0.22229	0.22532	0.03703	0.03577	0.02079	0.0207	3.47E-04	1.25E-06	1.28E-06	3.38E-07	3.25E-07	6.80E-08	6.76E-08	3.5040E-04
608227.41	4200733.55	9913.57135	0.23553	0.23853	0.03367	0.0325	0.02045	0.02037	3.47E-04	1.32E-06	1.36E-06	3.07E-07	2.95E-07	6.69E-08	6.65E-08	3.5048E-04
608227.41	4200779.15	9911.12061	0.21965	0.22269	0.03772	0.03644	0.02086	0.02077	3.47E-04	1.24E-06	1.27E-06	3.44E-07	3.31E-07	6.82E-08	6.78E-08	3.5029E-04
608227.41	4200786.75	9907.9481	0.21703	0.22007	0.03841	0.03712	0.02092	0.02083	3.47E-04	1.22E-06	1.25E-06	3.50E-07	3.37E-07	6.84E-08	6.80E-08	3.5017E-04
608227.41	4200794.35	9904.26188	0.21442	0.21746	0.03911	0.0378	0.02099	0.02089	3.47E-04	1.21E-06	1.24E-06	3.57E-07	3.43E-07	6.86E-08	6.82E-08	3.5002E-04
608227.41	4200801.95	9899.87094	0.21182	0.21486	0.03982	0.03849	0.02105	0.02095	3.47E-04	1.19E-06	1.22E-06	3.63E-07	3.50E-07	6.88E-08	6.84E-08	3.4985E-04
608227.41	4200809.55	9894.45831	0.20923	0.21227	0.04053	0.03919	0.02111	0.021	3.46E-04	1.18E-06	1.21E-06	3.70E-07	3.56E-07	6.90E-08	6.85E-08	3.4965E-04
608227.41	4200817.15	9888.25093	0.20665	0.20969	0.04124	0.03989	0.02117	0.02106	3.46E-04	1.16E-06	1.19E-06	3.76E-07	3.62E-07	6.92E-08	6.87E-08	3.4941E-04
608227.41	4200824.75	9881.3757	0.20409	0.20712	0.04196	0.04059	0.02123	0.02111	3.46E-04	1.15E-06	1.18E-06	3.83E-07	3.69E-07	6.94E-08	6.89E-08	3.4916E-04
608227.41	4200832.35	9873.90521	0.20155	0.20457	0.04268	0.0413	0.02128	0.02117	3.46E-04	1.13E-06	1.17E-06	3.89E-07	3.75E-07	6.96E-08	6.91E-08	3.4888E-04
608227.41	4200839.95	9866.10682	0.19903	0.20205	0.04341	0.04201	0.02134	0.02122	3.45E-04	1.12E-06	1.15E-06	3.96E-07	3.82E-07	6.98E-08	6.93E-08	3.4859E-04
608227.41	4200847.55	9857.80228	0.19653	0.19954	0.04413	0.04272	0.02139	0.02127	3.45E-04	1.11E-06	1.14E-06	4.03E-07	3.88E-07	7.00E-08	6.94E-08	3.4828E-04
608227.41	4200855.15	9848.83263	0.19405	0.19705	0.04486	0.04344	0.02144	0.02132	3.45E-04	1.09E-06	1.12E-06	4.09E-07	3.95E-07	7.01E-08	6.96E-08	3.4796E-04
608227.41	4200862.75	9839.03414	0.19159	0.19457	0.04559	0.04416	0.02149	0.02136	3.44E-04	1.08E-06	1.11E-06	4.16E-07	4.01E-07	7.03E-08	6.97E-08	3.4760E-04
608227.41	4200870.35	9828.72773	0.18914	0.19212	0.04633	0.04488	0.02154	0.02141	3.44E-04	1.06E-06	1.09E-06	4.23E-07	4.08E-07	7.04E-08	6.99E-08	3.4722E-04
608234.28	4200748.75	9855.17475	0.22613	0.22908	0.03491	0.03371	0.02052	0.02044	3.45E-04	1.27E-06	1.31E-06	3.18E-07	3.06E-07	6.71E-08	6.67E-08	3.4836E-04
608234.28	4200756.35	9854.95004	0.22356	0.22652	0.03557	0.03436	0.02059	0.0205	3.45E-04	1.26E-06	1.29E-06	3.24E-07	3.12E-07	6.73E-08	6.69E-08	3.4833E-04
608234.28	4200741.15	9854.41361	0.2287	0.23164	0.03425	0.03307	0.02045	0.02037	3.45E-04	1.29E-06	1.32E-06	3.12E-07	3.00E-07	6.69E-08	6.65E-08	3.4835E-04
608234.28	4200763.95	9853.95334	0.221	0.22396	0.03624	0.03501	0.02066	0.02057	3.45E-04	1.24E-06	1.28E-06	3.31E-07	3.18E-07	6.76E-08	6.71E-08	3.4828E-04
608234.28	4200771.55	9852.0447	0.21843	0.2214	0.03692	0.03567	0.02072	0.02063	3.45E-04	1.23E-06	1.26E-06	3.37E-07	3.24E-07	6.78E-08	6.73E-08	3.4820E-04
608234.28	4200779.15	9849.28431	0.21587	0.21884	0.0376	0.03633	0.02079	0.02069	3.45E-04	1.21E-06	1.25E-06	3.43E-07	3.30E-07	6.80E-08	6.75E-08	3.4808E-04
608234.28	4200786.75	9845.74882	0.21332	0.21629	0.03828	0.037	0.02085	0.02075	3.45E-04	1.20E-06	1.23E-06	3.49E-07	3.36E-07	6.82E-08	6.77E-08	3.4794E-04
608234.28	4200794.35	9841.62147	0.21078	0.21375	0.03898	0.03768	0.02091	0.02081	3.45E-04	1.19E-06	1.22E-06	3.56E-07	3.42E-07	6.84E-08	6.79E-08	3.4778E-04
608234.28	4200801.95	9837.35398	0.20826	0.21123	0.03967	0.03836	0.02097	0.02087	3.44E-04	1.17E-06	1.20E-06	3.62E-07	3.48E-07	6.86E-08	6.81E-08	3.4762E-04
608234.28	4200809.55	9831.8877	0.20575	0.20872	0.04037	0.03905	0.02103	0.02093	3.44E-04	1.16E-06	1.19E-06	3.68E-07	3.55E-07	6.88E-08	6.83E-08	3.4741E-04
608234.28	4200817.15	9825.65418	0.20324	0.20621	0.04108	0.03974	0.02109	0.02098	3.44E-04	1.14E-06	1.17E-06	3.75E-07	3.61E-07	6.90E-08	6.85E-08	3.4718E-04
608234.28	4200824.75	9818.58027	0.20075	0.20371	0.04178	0.04043	0.02115	0.02103	3.44E-04	1.13E-06	1.16E-06	3.81E-07	3.67E-07	6.92E-08	6.86E-08	3.4692E-04
608234.28	4200832.35	9811.01782	0.19828	0.20124	0.04249	0.04113	0.0212	0.02109	3.43E-04	1.12E-06	1.15E-06	3.88E-07	3.74E-07	6.93E-08	6.88E-08	3.4664E-04
608234.28	4200839.95	9802.86285	0.19583	0.19877	0.04321	0.04183	0.02125	0.02114	3.43E-04	1.10E-06	1.13E-06	3.94E-07	3.80E-07	6.95E-08	6.90E-08	3.4634E-04
608234.28	4200847.55	9794.39396	0.19339	0.19633	0.04392	0.04253	0.02131	0.02119	3.43E-04	1.09E-06	1.12E-06	4.01E-07	3.86E-07	6.97E-08	6.92E-08	3.4602E-04
608234.28	4200855.15	9785.54697	0.19098	0.19391	0.04464	0.04324	0.02136	0.02123	3.43E-04	1.07E-06	1.10E-06	4.07E-07	3.93E-07	6.99E-08	6.93E-08	3.4570E-04
608234.28	4200862.75	9775.88116	0.18858	0.1915	0.04536	0.04395	0.02141	0.02128	3.42E-04	1.06E-06	1.09E-06	4.14E-07	3.99E-07	7.00E-08	6.95E-08	3.4535E-04
608234.28	4200870.35	9765.62694	0.18621	0.18912	0.04608	0.04466	0.02145	0.02132	3.42E-04	1.05E-06	1.08E-06	4.20E-07	4.06E-07	7.01E-08	6.96E-08	3.4498E-04
608240.38	4200722.19	9795.95592	0.2313	0.23416	0.03258	0.03146	0.02021	0.02014	3.43E-04	1.30E-06	1.33E-06	2.97E-07	2.86E-07	6.61E-08	6.57E-08	3.4630E-04
608240.73	4200729.53	9795.29777	0.22868	0.23155	0.03319	0.03205	0.02028	0.0202	3.43E-04	1.29E-06	1.32E-06	3.03E-07	2.91E-07	6.63E-08	6.59E-08	3.4626E-04
608241.15	4200748.75	9794.2066	0.22213	0.22501	0.03482	0.03364	0.02045	0.02037	3.43E-04	1.25E-06	1.28E-06	3.18E-07	3.06E-07	6.69E-08	6.65E-08	3.4617E-04
608241.15	4200741.15	9793.86377	0.22462	0.2275	0.03417	0.033	0.02038	0.0203	3.43E-04	1.26E-06	1.30E-06	3.12E-07	3.00E-07	6.66E-08	6.63E-08	3.4618E-04
608241.15	4200756.35	9793.85438	0.21964	0.22253	0.03547	0.03427	0.02052	0.02043	3.43E-04	1.24E-06	1.27E-06	3.24E-07	3.11E-07	6.71E-08	6.67E-08	3.4615E-04
608241.15	4200763.95	9792.92109	0.21715	0.22005	0.03614	0.03492	0.02058	0.02049	3.43E-04	1.22E-06	1.25E-06	3.30E-07	3.17E-07	6.73E-08	6.69E-08	3.4610E-04
608241.15	4200771.55	9790.98439	0.21467	0.21757	0.0368	0.03557	0.02065	0.02056	3.43E-04	1.21E-06	1.24E-06	3.36E-07	3.23E-07	6.75E-08	6.71E-08	3.4601E-04
608241.15	4200779.15	9788.03634	0.21218	0.21509	0.03748	0.03623	0.02071	0.02062	3.43E-04	1.19E-06	1.23E-06	3.42E-07	3.29E-07	6.77E-08	6.73E-08	3.4589E-04
608241.15	4200786.75	9784.24173	0.20971	0.21261	0.03816	0.03689	0.02077	0.02068	3.43E-04	1.18E-06	1.21E-06	3.48E-07	3.35E-07	6.79E-08	6.75E-08	3.4575E-04
608241.15	4200794.35	9779.95779	0.20724	0.21014	0.03884	0.03756	0.02084	0.02074	3.42E-04	1.17E-06	1.20E-06	3.54E-07	3.41E-07	6.82E-08	6.77E-08	3.4558E-04
608241.15	4200801.95	9775.44615	0.20479	0.20769	0.03952	0.03823	0.0209	0.02079	3.42E-04	1.15E-06	1.18E-06	3.60E-07	3.47E-07	6.83E-08	6.79E-08	3.4541E-04
608241.15	4200809.55	9769.93472	0.20235	0.20525	0.04021	0.03891	0.02095	0.02085	3.42E-04	1.14E-06	1.17E-06	3.67E-07	3.53E-07	6.85E-08	6.81E-08	3.4520E-04
608241.15	4200817.15	9763.58126	0.19991	0.20281	0.04091	0.03959	0.02101	0.0209	3.42E-04	1.12E-06	1.16E-06	3.73E-07	3.60E-07	6.87E-08	6.82E-08	3.4496E-04
608241.15	4200824.75	9756.49987	0.19749	0.20039	0.0416	0.04027	0.02107	0.02095	3.42E-04	1.11E-06	1.14E-06	3.79E-07	3.66E-07	6.89E-08	6.84E-08	3.4470E-04
608241.15	4200832.35	9748.84897	0.19509	0.19798	0.0423	0.04096	0.02112	0.02101	3.41E-04	1.10E-06	1.13E-06	3.86E-07	3.72E-07	6.91E-08	6.86E-08	3.4442E-04
608241.15	4200839.95	9740.52227	0.1927	0.19558	0.04301	0.04165	0.02117	0.02106	3.41E-04	1.08E-06	1.11E-06	3.92E-07	3.78E-07	6.92E-08	6.87E-08	3.4411E-04
608241.15	4200847.55	9731.80331	0.19033	0.1932	0.04371	0.04234	0.02122	0.0211	3.41E-04	1.07E-06	1.10E-06	3.99E-07	3.85E-07	6.94E-08	6.89E-08	3.4379E-04
608241.15	4200855.15	9722.63601	0.18798	0.19084	0.04442	0.04304	0.02127	0.02115	3.40E-04	1.06E-06	1.09E-06	4.05E-07	3.91E-07	6.96E-08	6.90E-08	3.4346E-04
608241.15	4200862.75	9713.19416	0.18565	0.1885	0.04513	0.04374	0.02132	0.0212	3.40E-04	1.04E-06	1.07E-06	4.12E-07	3.97E-07	6.97E-08	6.92E-08	3.4312E-04
608241.15	4200870.35	9702.9918	0.18334	0.18618	0.04584	0.04444	0.02137	0.02124	3.40E-04	1.03E-06	1.06E-06	4.18E-07	4.04E-07	6.99E-08	6.93E-08	3.4275E-04
608248.02	4200741.15	9734.06265	0.22065	0.22346	0.03409	0.03293	0.02031	0.02023	3.41E-04	1.24E-06	1.27E-06	3.11E-07	2.99E-07	6.64E-08	6.60E-08	3.4404E-04
608248.02	4200748.75	9733.99057	0.21823	0.22105	0.03473	0.03356	0.02038	0.02029	3.41E-04	1.23E-06	1.26E-06	3.17E-07	3.05E-07	6.66E-08	6.62E-08	3.4402E-04
608248.02	4200756.35	9733.51166	0.21582	0.21864	0.03538	0.03419	0.02045	0.02036	3.41E-04	1.21E-06	1.25E-06	3.23E-07	3.11E-07	6.69E-08	6.65E-08	3.4399E-04
608248.02	4200763.95	9732.46144	0.21341	0.21624	0.03603	0.03483	0.02051	0.02042	3.41E-04	1.20E-06	1.23E-06	3.29E-07	3.16E-07	6.71E-08	6.67E-08	3.4394E-04
608248.02	4200771.55	9730.40949	0.21099	0.21383	0.03669	0.03547	0.02058	0.02048	3.41E-04	1.19E-06	1.22E-06	3.35E-07	3.22E-07	6.73E-08	6.68E-08	3.4385E-04
608248.02	4200779.15	9727.27865	0.20858	0.21142	0.03736	0.03612	0.02064	0.02054	3.41E-04	1.17E-06	1.20E-06	3.41E-07	3.28E-07	6.75E-08	6.70E-08	3.4372E-04
608248.02	4200786.75	9723.3231	0.20618	0.20902	0.03803	0.03678	0.0207	0.0206	3.40E-04	1.16E-06	1.19E-06	3.47E-07	3.34E-07	6.77E-08	6.72E-08	3.4357E-04
608248.02	4200794.35	9718.88971	0.20378	0.20662	0.0387	0.03743	0.02076	0.02066	3.40E-04	1.15E-06	1.18E-06	3.53E-07	3.40E-07	6.79E-08	6.74E-08	3.4340E-04
608248.02	4200801.95	9713.95736	0.20139	0.20423	0.03938	0.0381	0.02082	0.02072	3.40E-04	1.13E-06	1.16E-06	3.59E-07	3.46E-07	6.81E-08	6.76E-08	3.4321E-04
608248.02	4200809.55	9708.40852	0.19902	0.20186	0.04006	0.03877	0.02088	0.02077	3.40E-04	1.12E-06	1.15E-06	3.65E-07	3.52E-07	6.83E-08	6.78E-08	3.4301E-04
608248.02	4200817.15	9702.03578	0.19666	0.19949	0.04074	0.03944	0.02093	0.02082	3.40E-04	1.11E-06	1.14E-06	3.72E-07	3.58E-07	6.84E-08	6.80E-08	3.4277E-04
608248.02	4200824.75	9694.94784	0.1943	0.19714	0.04143	0.04011	0.02099	0.02088	3.39E-04	1.09E-06	1.12E-06	3.78E-07	3.64E-07	6.86E-08	6.82E-08	3.4251E-04
608248.02	4200832.35	9687.20866	0.19196	0.19479	0.04212	0.04079	0.02104	0.02093	3.39E-04	1.08E-06	1.11E-06	3.84E-07	3.71E-07	6.88E-08	6.83E-08	3.4222E-04
608248.02	4200839.95	9678.89537	0.18964	0.19246	0.04282	0.04147	0.02109	0.02097	3.39E-04	1.07E-06	1.10E-06	3.91E-07	3.77E-07	6.90E-08	6.84E-08	3.4192E-04
608248.02	4200847.55	9669.93162	0.18733	0.19014	0.04351	0.04216	0.02114	0.02102	3.39E-04	1.05E-06	1.08E-06	3.97E-07	3.83E-07	6.91E-08	6.86E-08	3.4159E-04
608248.02	4200855.15	9660.62788	0.18504	0.18784	0.04421	0.04284	0.02119	0.02107	3.38E-04	1.04E-06	1.07E-06	4.03E-07	3.89E-07	6.93E-08	6.88E-08	3.4125E-04
608248.02	4200862.75	9650.96944	0.18277	0.18556	0.04491	0.04353	0.02124	0.02111	3.38E-04	1.03E-06	1.06E-06	4.10E-07	3.95E-07	6.95E-08	6.89E-08	3.4090E-04
608248.02	4200870.35	9640.90475	0.18052	0.1833	0.0456	0.04422	0.02128	0.02116	3.38E-04	1.02E-06	1.04E-06	4.16E-07	4.02E-07	6.96E-08	6.91E-08	3.4054E-04
608248.07	4200730.93	9732.28118	0.22387	0.22667	0.03323	0.0321	0.02022	0.02014	3.41E-04	1.26E-06	1.29E-06	3.03E-07	2.92E-07	6.61E-08	6.57E-08	3.4400E-04
608248.42	4200723.59	9727.33295	0.22599	0.22877	0.03262	0.03151	0.02014	0.02007	3.41E-04	1.27E-06	1.30E-06	2.98E-07	2.86E-07	6.59E-08	6.55E-08	3.4383E-04
608254.89	4200741.15	9674.90155	0.21678	0.21953	0.034	0.03287	0.02024	0.02016	3.39E-04	1.22E-06	1.25E-06	3.10E-07	2.99E-07	6.62E-08	6.58E-08	3.4192E-04
608254.89	4200748.75	9674.60327	0.21443	0.21719	0.03464	0.03349	0.02031	0.02022	3.39E-04	1.21E-06	1.24E-06	3.16E-07	3.04E-07	6.64E-08	6.60E-08	3.4189E-04
608254.89	4200756.35	9673.82029	0.21209	0.21485	0.03528	0.03411	0.02037	0.02029	3.39E-04	1.19E-06	1.22E-06	3.22E-07	3.10E-07	6.66E-08	6.62E-08	3.4185E-04
608254.89	4200763.95	9672.47297	0.20975	0.21252	0.03593	0.03474	0.02044	0.02035	3.39E-04	1.18E-06	1.21E-06	3.28E-07	3.16E-07	6.68E-08	6.64E-08	3.4179E-04
608254.89	4200771.55	9670.31749	0.20741	0.21018	0.03658	0.03538	0.0205	0.02041	3.39E-04	1.17E-06	1.20E-06	3.34E-07	3.21E-07	6.70E-08	6.66E-08	3.4170E-04
608254.89	4200779.15	9667.09805	0.20507	0.20784	0.03724	0.03602	0.02057	0.02047	3.38E-04	1.15E-06	1.18E-06	3.40E-07	3.27E-07	6.73E-08	6.68E-08	3.4157E-04
608254.89	4200786.75	9663.07652	0.20273	0.20551	0.0379	0.03666	0.02063	0.02053	3.38E-04	1.14E-06	1.17E-06	3.46E-07	3.33E-07	6.75E-08	6.70E-08	3.4142E-04
608254.89	4200794.35	9658.41196	0.2004	0.20318	0.03856	0.03731	0.02068	0.02058	3.38E-04	1.13E-06	1.16E-06	3.52E-07	3.39E-07	6.76E-08	6.72E-08	3.4124E-04
608254.89	4200801.95	9653.06719	0.19808	0.20086	0.03923	0.03797	0.02074	0.02064	3.38E-04	1.11E-06	1.14E-06	3.58E-07	3.45E-07	6.78E-08	6.74E-08	3.4104E-04
608254.89	4200809.55	9647.39737	0.19577	0.19855	0.0399	0.03863	0.0208	0.02069	3.38E-04	1.10E-06	1.13E-06	3.64E-07	3.51E-07	6.80E-08	6.75E-08	3.4083E-04
608254.89	4200817.15	9641.00329	0.19347	0.19625	0.04058	0.03929	0.02085	0.02075	3.38E-04	1.09E-06	1.12E-06	3.70E-07	3.57E-07	6.82E-08	6.77E-08	3.4059E-04
608254.89	4200824.75	9634.00355	0.19119	0.19396	0.04126	0.03996	0.02091	0.0208	3.37E-04	1.08E-06	1.11E-06	3.76E-07	3.63E-07	6.84E-08	6.79E-08	3.4033E-04
608254.89	4200832.35	9626.18134	0.18891	0.19168	0.04194	0.04062	0.02096	0.02085	3.37E-04	1.06E-06	1.09E-06	3.83E-07	3.69E-07	6.85E-08	6.81E-08	3.4005E-04
608254.89	4200839.95	9617.79409	0.18665	0.18941	0.04262	0.0413	0.02101	0.02089	3.37E-04	1.05E-06	1.08E-06	3.89E-07	3.75E-07	6.87E-08	6.82E-08	3.3974E-04
608254.89	4200847.55	9608.85575	0.1844	0.18715	0.04331	0.04197	0.02106	0.02094	3.36E-04	1.04E-06	1.07E-06	3.95E-07	3.81E-07	6.89E-08	6.83E-08	3.3941E-04
608254.89	4200855.15	9599.33225	0.18217	0.18491	0.04399	0.04265	0.02111	0.02099	3.36E-04	1.02E-06	1.05E-06	4.01E-07	3.87E-07	6.90E-08	6.85E-08	3.3907E-04
608254.89	4200862.75	9589.46253	0.17996	0.18269	0.04468	0.04333	0.02115	0.02103	3.36E-04	1.01E-06	1.04E-06	4.08E-07	3.94E-07	6.92E-08	6.86E-08	3.3871E-04
608254.89	4200870.35	9579.36366	0.17777	0.18049	0.04537	0.04401	0.0212	0.02107	3.35E-04	1.00E-06	1.03E-06	4.14E-07	4.00E-07	6.93E-08	6.88E-08	3.3834E-04
608255.41	4200731.98	9669.59755	0.21931	0.22205	0.03324	0.03212	0.02015	0.02008	3.39E-04	1.23E-06	1.27E-06	3.03E-07	2.92E-07	6.59E-08	6.55E-08	3.4175E-04
608255.76	4200725.34	9665.05931	0.22115	0.22387	0.03269	0.03159	0.02009	0.02001	3.38E-04	1.24E-06	1.28E-06	2.98E-07	2.87E-07	6.57E-08	6.53E-08	3.4160E-04
608261.76	4200741.15	9616.28712	0.21301	0.2157	0.03392	0.0328	0.02017	0.02009	3.37E-04	1.20E-06	1.23E-06	3.09E-07	2.98E-07	6.60E-08	6.56E-08	3.3982E-04
608261.76	4200748.75	9615.85727	0.21073	0.21343	0.03455	0.03341	0.02024	0.02016	3.37E-04	1.19E-06	1.22E-06	3.15E-07	3.03E-07	6.62E-08	6.58E-08	3.3979E-04
608261.76	4200756.35	9614.68859	0.20845	0.21116	0.03518	0.03403	0.0203	0.02022	3.37E-04	1.17E-06	1.20E-06	3.21E-07	3.09E-07	6.64E-08	6.60E-08	3.3974E-04
608261.76	4200763.95	9612.95237	0.20618	0.20889	0.03582	0.03465	0.02037	0.02028	3.37E-04	1.16E-06	1.19E-06	3.27E-07	3.15E-07	6.66E-08	6.62E-08	3.3966E-04
608261.76	4200771.55	9610.70073	0.20391	0.20662	0.03647	0.03528	0.02043	0.02034	3.36E-04	1.15E-06	1.18E-06	3.33E-07	3.20E-07	6.68E-08	6.64E-08	3.3957E-04
608261.76	4200779.15	9607.40546	0.20163	0.20435	0.03711	0.03591	0.02049	0.0204	3.36E-04	1.13E-06	1.16E-06	3.38E-07	3.26E-07	6.70E-08	6.66E-08	3.3944E-04
608261.76	4200786.75	9603.31846	0.19937	0.20208	0.03777	0.03655	0.02055	0.02045	3.36E-04	1.12E-06	1.15E-06	3.45E-07	3.32E-07	6.72E-08	6.67E-08	3.3929E-04
608261.76	4200794.35	9598.51337	0.1971	0.19982	0.03842	0.03719	0.02061	0.02051	3.36E-04	1.11E-06	1.14E-06	3.50E-07	3.38E-07	6.74E-08	6.69E-08	3.3910E-04
608261.76	4200801.95	9592.94747	0.19484	0.19756	0.03908	0.03784	0.02067	0.02056	3.36E-04	1.10E-06	1.13E-06	3.56E-07	3.44E-07	6.76E-08	6.71E-08	3.3890E-04
608261.76	4200809.55	9586.98357	0.1926	0.19531	0.03975	0.03849	0.02072	0.02062	3.36E-04	1.08E-06	1.11E-06	3.63E-07	3.50E-07	6.78E-08	6.73E-08	3.3867E-04
608261.76	4200817.15	9580.47894	0.19036	0.19307	0.04041	0.03914	0.02078	0.02067	3.35E-04	1.07E-06	1.10E-06	3.69E-07	3.56E-07	6.80E-08	6.75E-08	3.3843E-04
608261.76	4200824.75	9573.5672	0.18814	0.19085	0.04108	0.0398	0.02083	0.02072	3.35E-04	1.06E-06	1.09E-06	3.75E-07	3.62E-07	6.81E-08	6.76E-08	3.3818E-04
608261.76	4200832.35	9565.75526	0.18593	0.18863	0.04175	0.04046	0.02088	0.02077	3.35E-04	1.05E-06	1.07E-06	3.81E-07	3.68E-07	6.83E-08	6.78E-08	3.3789E-04
608261.76	4200839.95	9557.30013	0.18373	0.18642	0.04243	0.04112	0.02093	0.02081	3.35E-04	1.03E-06	1.06E-06	3.87E-07	3.74E-07	6.84E-08	6.79E-08	3.3758E-04
608261.76	4200847.55	9548.30529	0.18154	0.18423	0.0431	0.04179	0.02098	0.02086	3.34E-04	1.02E-06	1.05E-06	3.93E-07	3.80E-07	6.86E-08	6.81E-08	3.3726E-04
608261.76	4200855.15	9538.82755	0.17937	0.18205	0.04378	0.04245	0.02103	0.0209	3.34E-04	1.01E-06	1.04E-06	3.99E-07	3.86E-07	6.88E-08	6.82E-08	3.3691E-04
608261.76	4200862.75	9528.7489	0.17721	0.17988	0.04446	0.04312	0.02107	0.02095	3.34E-04	9.97E-07	1.02E-06	4.06E-07	3.92E-07	6.89E-08	6.84E-08	3.3655E-04
608261.76	4200870.35	9518.45066	0.17507	0.17773	0.04514	0.0438	0.02112	0.02099	3.33E-04	9.85E-07	1.01E-06	4.12E-07	3.98E-07	6.91E-08	6.85E-08	3.3618E-04
608268.63	4200741.15	9557.74962	0.20932	0.21195	0.03384	0.03273	0.0201	0.02002	3.35E-04	1.18E-06	1.21E-06	3.09E-07	2.97E-07	6.57E-08	6.53E-08	3.3773E-04
608268.63	4200748.75	9557.28778	0.20711	0.20975	0.03446	0.03333	0.02017	0.02009	3.35E-04	1.16E-06	1.20E-06	3.14E-07	3.03E-07	6.60E-08	6.56E-08	3.3770E-04
608268.63	4200756.35	9556.10653	0.20491	0.20755	0.03508	0.03394	0.02023	0.02015	3.35E-04	1.15E-06	1.18E-06	3.20E-07	3.08E-07	6.62E-08	6.58E-08	3.3765E-04
608268.63	4200763.95	9554.07661	0.20269	0.20535	0.03572	0.03456	0.0203	0.02021	3.34E-04	1.14E-06	1.17E-06	3.26E-07	3.14E-07	6.64E-08	6.60E-08	3.3756E-04
608268.63	4200771.55	9551.82203	0.20049	0.20315	0.03635	0.03518	0.02036	0.02027	3.34E-04	1.13E-06	1.16E-06	3.32E-07	3.20E-07	6.66E-08	6.62E-08	3.3747E-04
608268.63	4200779.15	9548.367	0.19828	0.20094	0.03699	0.03581	0.02042	0.02032	3.34E-04	1.12E-06	1.14E-06	3.37E-07	3.25E-07	6.68E-08	6.63E-08	3.3734E-04
608268.63	4200786.75	9544.12785	0.19608	0.19874	0.03764	0.03644	0.02048	0.02038	3.34E-04	1.10E-06	1.13E-06	3.43E-07	3.31E-07	6.70E-08	6.65E-08	3.3717E-04
608268.63	4200794.35	9539.18592	0.19388	0.19654	0.03828	0.03707	0.02054	0.02043	3.34E-04	1.09E-06	1.12E-06	3.49E-07	3.37E-07	6.72E-08	6.67E-08	3.3699E-04
608268.63	4200801.95	9533.58359	0.19168	0.19434	0.03893	0.03771	0.02059	0.02049	3.34E-04	1.08E-06	1.11E-06	3.55E-07	3.43E-07	6.73E-08	6.69E-08	3.3678E-04
608268.63	4200809.55	9527.24443	0.1895	0.19215	0.03959	0.03835	0.02065	0.02054	3.34E-04	1.07E-06	1.09E-06	3.61E-07	3.48E-07	6.75E-08	6.70E-08	3.3654E-04
608268.63	4200817.15	9520.63652	0.18732	0.18998	0.04025	0.03899	0.0207	0.02059	3.33E-04	1.05E-06	1.08E-06	3.67E-07	3.54E-07	6.77E-08	6.72E-08	3.3630E-04
608268.63	4200824.75	9513.80838	0.18516	0.18781	0.04091	0.03964	0.02075	0.02064	3.33E-04	1.04E-06	1.07E-06	3.73E-07	3.60E-07	6.79E-08	6.74E-08	3.3605E-04
608268.63	4200832.35	9505.9267	0.18301	0.18565	0.04157	0.04029	0.0208	0.02069	3.33E-04	1.03E-06	1.06E-06	3.79E-07	3.66E-07	6.80E-08	6.75E-08	3.3576E-04
608268.63	4200839.95	9497.40682	0.18087	0.1835	0.04224	0.04095	0.02085	0.02073	3.32E-04	1.02E-06	1.05E-06	3.85E-07	3.72E-07	6.82E-08	6.77E-08	3.3545E-04
608268.63	4200847.55	9488.35892	0.17874	0.18137	0.0429	0.0416	0.0209	0.02078	3.32E-04	1.01E-06	1.03E-06	3.91E-07	3.78E-07	6.83E-08	6.78E-08	3.3512E-04
608268.63	4200855.15	9478.84143	0.17662	0.17924	0.04357	0.04226	0.02095	0.02082	3.32E-04	9.93E-07	1.02E-06	3.97E-07	3.84E-07	6.85E-08	6.80E-08	3.3478E-04
608268.63	4200862.75	9468.82005	0.17452	0.17713	0.04424	0.04292	0.02099	0.02086	3.31E-04	9.82E-07	1.01E-06	4.04E-07	3.90E-07	6.86E-08	6.81E-08	3.3442E-04
608268.63	4200870.35	9458.33222	0.17244	0.17504	0.04491	0.04358	0.02103	0.02091	3.31E-04	9.70E-07	9.97E-07	4.10E-07	3.96E-07	6.88E-08	6.83E-08	3.3404E-04
608275.5	4200733.55	9499.8282	0.20786	0.21043	0.03315	0.03206	0.01997	0.01989	3.33E-04	1.17E-06	1.20E-06	3.02E-07	2.91E-07	6.53E-08	6.49E-08	3.3567E-04
608275.5	4200741.15	9499.74887	0.20572	0.2083	0.03375	0.03266	0.02003	0.01995	3.33E-04	1.16E-06	1.19E-06	3.08E-07	2.97E-07	6.55E-08	6.51E-08	3.3566E-04
608275.5	4200748.75	9499.34432	0.20359	0.20617	0.03437	0.03325	0.0201	0.02002	3.33E-04	1.15E-06	1.17E-06	3.14E-07	3.02E-07	6.57E-08	6.53E-08	3.3563E-04
608275.5	4200756.35	9498.14991	0.20144	0.20403	0.03499	0.03386	0.02016	0.02008	3.33E-04	1.13E-06	1.16E-06	3.19E-07	3.08E-07	6.59E-08	6.55E-08	3.3558E-04
608275.5	4200763.95	9496.01753	0.1993	0.20189	0.03561	0.03447	0.02023	0.02014	3.32E-04	1.12E-06	1.15E-06	3.25E-07	3.13E-07	6.62E-08	6.57E-08	3.3549E-04
608275.5	4200771.55	9493.31636	0.19715	0.19975	0.03624	0.03508	0.02029	0.02019	3.32E-04	1.11E-06	1.14E-06	3.31E-07	3.19E-07	6.64E-08	6.59E-08	3.3538E-04
608275.5	4200779.15	9489.79778	0.19501	0.19761	0.03687	0.0357	0.02035	0.02025	3.32E-04	1.10E-06	1.13E-06	3.36E-07	3.24E-07	6.66E-08	6.61E-08	3.3524E-04
608275.5	4200786.75	9485.50151	0.19287	0.19547	0.03751	0.03632	0.0204	0.02031	3.32E-04	1.08E-06	1.11E-06	3.42E-07	3.30E-07	6.67E-08	6.63E-08	3.3508E-04
608275.5	4200794.35	9480.42712	0.19073	0.19333	0.03814	0.03695	0.02046	0.02036	3.32E-04	1.07E-06	1.10E-06	3.48E-07	3.36E-07	6.69E-08	6.65E-08	3.3489E-04
608275.5	4200801.95	9474.70312	0.1886	0.1912	0.03879	0.03758	0.02052	0.02041	3.32E-04	1.06E-06	1.09E-06	3.54E-07	3.41E-07	6.71E-08	6.66E-08	3.3468E-04
608275.5	4200809.55	9468.34571	0.18647	0.18907	0.03943	0.03821	0.02057	0.02046	3.31E-04	1.05E-06	1.08E-06	3.60E-07	3.47E-07	6.73E-08	6.68E-08	3.3444E-04
608275.5	4200817.15	9461.5538	0.18435	0.18695	0.04008	0.03885	0.02062	0.02051	3.31E-04	1.04E-06	1.07E-06	3.66E-07	3.53E-07	6.74E-08	6.69E-08	3.3420E-04
608275.5	4200824.75	9454.46179	0.18225	0.18484	0.04073	0.03949	0.02067	0.02056	3.31E-04	1.02E-06	1.05E-06	3.72E-07	3.59E-07	6.76E-08	6.71E-08	3.3394E-04
608275.5	4200832.35	9446.59858	0.18016	0.18274	0.04139	0.04013	0.02072	0.02061	3.31E-04	1.01E-06	1.04E-06	3.78E-07	3.65E-07	6.78E-08	6.73E-08	3.3365E-04
608275.5	4200839.95	9438.10845	0.17807	0.18065	0.04204	0.04078	0.02077	0.02066	3.30E-04	1.00E-06	1.03E-06	3.83E-07	3.70E-07	6.79E-08	6.74E-08	3.3334E-04
608275.5	4200847.55	9429.00972	0.176	0.17857	0.0427	0.04142	0.02082	0.0207	3.30E-04	9.90E-07	1.02E-06	3.89E-07	3.76E-07	6.81E-08	6.76E-08	3.3301E-04
608275.5	4200855.15	9419.45429	0.17394	0.1765	0.04336	0.04207	0.02086	0.02074	3.30E-04	9.78E-07	1.01E-06	3.96E-07	3.82E-07	6.82E-08	6.77E-08	3.3266E-04
608275.5	4200862.75	9409.40313	0.17189	0.17444	0.04402	0.04272	0.02091	0.02078	3.29E-04	9.67E-07	9.94E-07	4.02E-07	3.88E-07	6.84E-08	6.78E-08	3.3230E-04
608275.5	4200870.35	9398.90387	0.16986	0.1724	0.04468	0.04338	0.02095	0.02082	3.29E-04	9.55E-07	9.82E-07	4.08E-07	3.94E-07	6.85E-08	6.80E-08	3.3192E-04
608282.37	4200733.55	9443.10275	0.2043	0.20681	0.03307	0.032	0.0199	0.01982	3.31E-04	1.15E-06	1.18E-06	3.02E-07	2.91E-07	6.51E-08	6.47E-08	3.3364E-04
608282.37	4200741.15	9442.72408	0.20222	0.20474	0.03367	0.03258	0.01997	0.01988	3.31E-04	1.14E-06	1.17E-06	3.07E-07	2.96E-07	6.53E-08	6.49E-08	3.3362E-04
608282.37	4200748.75	9442.02756	0.20014	0.20267	0.03428	0.03318	0.02003	0.01995	3.31E-04	1.13E-06	1.15E-06	3.13E-07	3.01E-07	6.55E-08	6.51E-08	3.3358E-04
608282.37	4200756.35	9440.63584	0.19806	0.2006	0.03489	0.03377	0.02009	0.02001	3.31E-04	1.11E-06	1.14E-06	3.18E-07	3.07E-07	6.57E-08	6.53E-08	3.3352E-04
608282.37	4200763.95	9438.32018	0.19598	0.19852	0.0355	0.03437	0.02015	0.02006	3.30E-04	1.10E-06	1.13E-06	3.24E-07	3.12E-07	6.59E-08	6.55E-08	3.3343E-04
608282.37	4200771.55	9435.19048	0.19389	0.19644	0.03612	0.03498	0.02021	0.02012	3.30E-04	1.09E-06	1.12E-06	3.29E-07	3.18E-07	6.61E-08	6.57E-08	3.3331E-04
608282.37	4200779.15	9431.60128	0.19181	0.19436	0.03675	0.03559	0.02027	0.02018	3.30E-04	1.08E-06	1.11E-06	3.35E-07	3.23E-07	6.63E-08	6.59E-08	3.3317E-04
608282.37	4200786.75	9427.34066	0.18973	0.19228	0.03738	0.03621	0.02033	0.02023	3.30E-04	1.07E-06	1.10E-06	3.41E-07	3.29E-07	6.65E-08	6.60E-08	3.3301E-04
608282.37	4200794.35	9422.31531	0.18766	0.1902	0.03801	0.03682	0.02039	0.02029	3.30E-04	1.06E-06	1.08E-06	3.47E-07	3.34E-07	6.67E-08	6.62E-08	3.3282E-04
608282.37	4200801.95	9416.4767	0.18558	0.18813	0.03864	0.03745	0.02044	0.02034	3.30E-04	1.04E-06	1.07E-06	3.52E-07	3.40E-07	6.68E-08	6.64E-08	3.3260E-04
608282.37	4200809.55	9409.92988	0.18351	0.18605	0.03928	0.03807	0.02049	0.02039	3.29E-04	1.03E-06	1.06E-06	3.58E-07	3.46E-07	6.70E-08	6.66E-08	3.3236E-04
608282.37	4200817.15	9402.95744	0.18145	0.18399	0.03992	0.0387	0.02055	0.02044	3.29E-04	1.02E-06	1.05E-06	3.64E-07	3.52E-07	6.72E-08	6.67E-08	3.3211E-04
608282.37	4200824.75	9395.44062	0.1794	0.18194	0.04056	0.03933	0.0206	0.02048	3.29E-04	1.01E-06	1.04E-06	3.70E-07	3.57E-07	6.74E-08	6.68E-08	3.3183E-04
608282.37	4200832.35	9387.85863	0.17736	0.1799	0.04121	0.03997	0.02065	0.02053	3.29E-04	9.97E-07	1.02E-06	3.76E-07	3.63E-07	6.75E-08	6.70E-08	3.3156E-04
608282.37	4200839.95	9379.39252	0.17534	0.17786	0.04185	0.0406	0.02069	0.02058	3.28E-04	9.86E-07	1.01E-06	3.82E-07	3.69E-07	6.77E-08	6.72E-08	3.3125E-04
608282.37	4200847.55	9370.24971	0.17332	0.17583	0.0425	0.04124	0.02074	0.02062	3.28E-04	9.75E-07	1.00E-06	3.88E-07	3.75E-07	6.78E-08	6.73E-08	3.3092E-04
608282.37	4200855.15	9360.65723	0.17131	0.17382	0.04315	0.04188	0.02078	0.02066	3.28E-04	9.63E-07	9.90E-07	3.94E-07	3.80E-07	6.80E-08	6.74E-08	3.3057E-04
608282.37	4200862.75	9350.58327	0.16932	0.17181	0.0438	0.04253	0.02083	0.0207	3.27E-04	9.52E-07	9.79E-07	4.00E-07	3.86E-07	6.81E-08	6.76E-08	3.3021E-04
608282.37	4200870.35	9340.07314	0.16734	0.16982	0.04445	0.04317	0.02087	0.02074	3.27E-04	9.41E-07	9.68E-07	4.05E-07	3.92E-07	6.83E-08	6.77E-08	3.2983E-04
608289.24	4200733.55	9387.07089	0.20082	0.20328	0.03299	0.03193	0.01984	0.01976	3.29E-04	1.13E-06	1.16E-06	3.01E-07	2.90E-07	6.49E-08	6.45E-08	3.3164E-04
608289.24	4200741.15	9386.39451	0.1988	0.20127	0.03359	0.03251	0.0199	0.01982	3.29E-04	1.12E-06	1.15E-06	3.06E-07	2.95E-07	6.51E-08	6.47E-08	3.3161E-04
608289.24	4200748.75	9385.23675	0.19678	0.19926	0.03419	0.0331	0.01996	0.01988	3.29E-04	1.11E-06	1.14E-06	3.12E-07	3.01E-07	6.53E-08	6.49E-08	3.3155E-04
608289.24	4200756.35	9383.47253	0.19476	0.19724	0.03479	0.03369	0.02002	0.01994	3.29E-04	1.10E-06	1.12E-06	3.17E-07	3.06E-07	6.55E-08	6.51E-08	3.3148E-04
608289.24	4200763.95	9381.16006	0.19274	0.19523	0.0354	0.03428	0.02008	0.01999	3.28E-04	1.08E-06	1.11E-06	3.23E-07	3.11E-07	6.57E-08	6.52E-08	3.3139E-04
608289.24	4200771.55	9377.87356	0.19071	0.1932	0.03601	0.03488	0.02014	0.02005	3.28E-04	1.07E-06	1.10E-06	3.28E-07	3.17E-07	6.59E-08	6.54E-08	3.3126E-04
608289.24	4200779.15	9373.95147	0.18869	0.19118	0.03662	0.03548	0.0202	0.02011	3.28E-04	1.06E-06	1.09E-06	3.34E-07	3.22E-07	6.61E-08	6.56E-08	3.3111E-04
608289.24	4200786.75	9369.46769	0.18666	0.18916	0.03724	0.03609	0.02026	0.02016	3.28E-04	1.05E-06	1.08E-06	3.40E-07	3.28E-07	6.63E-08	6.58E-08	3.3094E-04

608289.24	4200794.35	9364.58316	0.18465	0.18714	0.03787	0.0367	0.02031	0.02021	3.28E-04	1.04E-06	1.07E-06	3.45E-07	3.33E-07	6.64E-08	6.60E-08	3.307E-04
608289.24	4200801.95	9358.64065	0.18263	0.18512	0.03849	0.03732	0.02037	0.02026	3.28E-04	1.03E-06	1.05E-06	3.51E-07	3.39E-07	6.66E-08	6.61E-08	3.305E-04
608289.24	4200809.55	9352.16178	0.18062	0.18311	0.03912	0.03793	0.02042	0.02031	3.27E-04	1.02E-06	1.04E-06	3.57E-07	3.45E-07	6.68E-08	6.63E-08	3.303E-04
608289.24	4200817.15	9344.93118	0.17861	0.1811	0.03975	0.03855	0.02047	0.02036	3.27E-04	1.00E-06	1.03E-06	3.63E-07	3.50E-07	6.69E-08	6.65E-08	3.300E-04
608289.24	4200824.75	9337.25631	0.17661	0.1791	0.04039	0.03918	0.02052	0.02041	3.27E-04	9.93E-07	1.02E-06	3.68E-07	3.56E-07	6.71E-08	6.66E-08	3.297E-04
608289.24	4200832.35	9329.69387	0.17463	0.17711	0.04103	0.03981	0.02057	0.02045	3.27E-04	9.82E-07	1.01E-06	3.74E-07	3.62E-07	6.73E-08	6.67E-08	3.294E-04
608289.24	4200839.95	9321.25436	0.17266	0.17513	0.04166	0.04043	0.02061	0.0205	3.26E-04	9.71E-07	9.98E-07	3.80E-07	3.67E-07	6.74E-08	6.69E-08	3.291E-04
608289.24	4200847.55	9312.15362	0.17069	0.17316	0.0423	0.04106	0.02066	0.02054	3.26E-04	9.60E-07	9.87E-07	3.86E-07	3.73E-07	6.76E-08	6.70E-08	3.288E-04
608289.24	4200855.15	9302.44336	0.16874	0.17119	0.04294	0.0417	0.0207	0.02058	3.26E-04	9.49E-07	9.75E-07	3.92E-07	3.79E-07	6.77E-08	6.72E-08	3.285E-04
608289.24	4200862.75	9292.35001	0.16679	0.16924	0.04359	0.04233	0.02075	0.02062	3.25E-04	9.38E-07	9.64E-07	3.98E-07	3.85E-07	6.79E-08	6.73E-08	3.281E-04
608289.24	4200870.35	9281.82957	0.16487	0.1673	0.04423	0.04296	0.02079	0.02066	3.25E-04	9.27E-07	9.53E-07	4.03E-07	3.90E-07	6.80E-08	6.74E-08	3.277E-04
608296.11	4200733.55	9331.36512	0.19743	0.19983	0.03292	0.03187	0.01977	0.01969	3.27E-04	1.11E-06	1.14E-06	3.00E-07	2.90E-07	6.47E-08	6.43E-08	3.296E-04
608296.11	4200741.15	9330.65876	0.19547	0.19789	0.0335	0.03244	0.01983	0.01975	3.27E-04	1.10E-06	1.13E-06	3.06E-07	2.95E-07	6.49E-08	6.45E-08	3.296E-04
608296.11	4200748.75	9329.13449	0.19351	0.19593	0.03409	0.03302	0.01989	0.01981	3.27E-04	1.09E-06	1.12E-06	3.11E-07	3.00E-07	6.50E-08	6.47E-08	3.295E-04
608296.11	4200756.35	9327.0985	0.19154	0.19397	0.03469	0.0336	0.01995	0.01987	3.27E-04	1.08E-06	1.11E-06	3.16E-07	3.05E-07	6.52E-08	6.49E-08	3.294E-04
608296.11	4200763.95	9324.35747	0.18957	0.19201	0.03529	0.03419	0.02001	0.01992	3.26E-04	1.07E-06	1.09E-06	3.22E-07	3.11E-07	6.54E-08	6.50E-08	3.293E-04
608296.11	4200771.55	9321.0897	0.18761	0.19004	0.0359	0.03478	0.02007	0.01998	3.26E-04	1.06E-06	1.08E-06	3.27E-07	3.16E-07	6.56E-08	6.52E-08	3.292E-04
608296.11	4200779.15	9316.9288	0.18564	0.18807	0.0365	0.03538	0.02013	0.02003	3.26E-04	1.04E-06	1.07E-06	3.33E-07	3.21E-07	6.58E-08	6.54E-08	3.290E-04
608296.11	4200786.75	9312.23253	0.18367	0.18611	0.03712	0.03598	0.02018	0.02009	3.26E-04	1.03E-06	1.06E-06	3.39E-07	3.27E-07	6.60E-08	6.56E-08	3.289E-04
608296.11	4200794.35	9307.1439	0.18171	0.18415	0.03773	0.03658	0.02024	0.02014	3.26E-04	1.02E-06	1.05E-06	3.44E-07	3.32E-07	6.62E-08	6.57E-08	3.287E-04
608296.11	4200801.95	9301.18365	0.17974	0.18218	0.03835	0.03719	0.02029	0.02019	3.26E-04	1.01E-06	1.04E-06	3.50E-07	3.38E-07	6.64E-08	6.59E-08	3.284E-04
608296.11	4200809.55	9294.69519	0.17779	0.18022	0.03897	0.0378	0.02034	0.02024	3.25E-04	1.00E-06	1.03E-06	3.55E-07	3.43E-07	6.65E-08	6.61E-08	3.282E-04
608296.11	4200817.15	9287.54872	0.17584	0.17827	0.03959	0.03841	0.02039	0.02028	3.25E-04	9.89E-07	1.02E-06	3.61E-07	3.49E-07	6.67E-08	6.62E-08	3.280E-04
608296.11	4200824.75	9279.8082	0.17389	0.17632	0.04022	0.03902	0.02044	0.02033	3.25E-04	9.78E-07	1.00E-06	3.67E-07	3.54E-07	6.68E-08	6.64E-08	3.277E-04
608296.11	4200832.35	9272.01242	0.17196	0.17439	0.04085	0.03964	0.02049	0.02038	3.25E-04	9.67E-07	9.94E-07	3.73E-07	3.60E-07	6.70E-08	6.65E-08	3.274E-04
608296.11	4200839.95	9263.60093	0.17004	0.17246	0.04148	0.04026	0.02054	0.02042	3.24E-04	9.56E-07	9.83E-07	3.78E-07	3.66E-07	6.72E-08	6.67E-08	3.271E-04
608296.11	4200847.55	9254.54912	0.16813	0.17054	0.04211	0.04089	0.02058	0.02046	3.24E-04	9.46E-07	9.72E-07	3.84E-07	3.71E-07	6.73E-08	6.68E-08	3.268E-04
608296.11	4200855.15	9244.88861	0.16622	0.16862	0.04274	0.04151	0.02062	0.0205	3.24E-04	9.35E-07	9.61E-07	3.90E-07	3.77E-07	6.74E-08	6.69E-08	3.264SE-04
608296.11	4200862.75	9234.77797	0.16433	0.16672	0.04337	0.04213	0.02067	0.02054	3.23E-04	9.24E-07	9.50E-07	3.96E-07	3.83E-07	6.76E-08	6.70E-08	3.260SE-04
608296.11	4200870.35	9224.24828	0.16245	0.16483	0.04401	0.04276	0.02071	0.02058	3.23E-04	9.14E-07	9.39E-07	4.01E-07	3.88E-07	6.77E-08	6.72E-08	3.257SE-04
608302.98	4200733.55	9275.89636	0.19411	0.19647	0.03284	0.0318	0.0197	0.01962	3.25E-04	1.09E-06	1.12E-06	3.00E-07	2.89E-07	6.44E-08	6.40E-08	3.276SE-04
608302.98	4200741.15	9275.2537	0.19221	0.19458	0.03342	0.03237	0.01977	0.01968	3.25E-04	1.08E-06	1.11E-06	3.05E-07	2.94E-07	6.47E-08	6.42E-08	3.276SE-04
608302.98	4200748.75	9273.80375	0.19031	0.19268	0.034	0.03294	0.01983	0.01974	3.25E-04	1.07E-06	1.10E-06	3.10E-07	2.99E-07	6.49E-08	6.44E-08	3.275SE-04
608302.98	4200756.35	9271.41182	0.1884	0.19078	0.03459	0.03351	0.01989	0.0198	3.25E-04	1.06E-06	1.09E-06	3.16E-07	3.04E-07	6.50E-08	6.46E-08	3.274SE-04
608302.98	4200763.95	9268.25382	0.18648	0.18886	0.03518	0.03409	0.01994	0.01985	3.24E-04	1.05E-06	1.08E-06	3.21E-07	3.10E-07	6.52E-08	6.48E-08	3.273SE-04
608302.98	4200771.55	9264.83184	0.18457	0.18696	0.03578	0.03468	0.02	0.01991	3.24E-04	1.04E-06	1.07E-06	3.26E-07	3.15E-07	6.54E-08	6.50E-08	3.272SE-04
608302.98	4200779.15	9260.6114	0.18266	0.18504	0.03638	0.03527	0.02006	0.01996	3.24E-04	1.03E-06	1.05E-06	3.32E-07	3.20E-07	6.56E-08	6.52E-08	3.270SE-04
608302.98	4200786.75	9255.7116	0.18074	0.18313	0.03699	0.03586	0.02011	0.02001	3.24E-04	1.02E-06	1.04E-06	3.37E-07	3.26E-07	6.58E-08	6.53E-08	3.268SE-04
608302.98	4200794.35	9250.25108	0.17883	0.18122	0.03759	0.03646	0.02017	0.02006	3.24E-04	1.01E-06	1.03E-06	3.43E-07	3.31E-07	6.60E-08	6.55E-08	3.266SE-04
608302.98	4200801.95	9244.10465	0.17692	0.17931	0.0382	0.03706	0.02022	0.02011	3.24E-04	9.95E-07	1.02E-06	3.48E-07	3.37E-07	6.61E-08	6.56E-08	3.264SE-04
608302.98	4200809.55	9237.69409	0.17502	0.1774	0.03882	0.03766	0.02027	0.02016	3.23E-04	9.84E-07	1.01E-06	3.54E-07	3.42E-07	6.63E-08	6.58E-08	3.262SE-04
608302.98	4200817.15	9230.63656	0.17312	0.1755	0.03943	0.03826	0.02032	0.02021	3.23E-04	9.74E-07	1.00E-06	3.60E-07	3.48E-07	6.65E-08	6.60E-08	3.259SE-04
608302.98	4200824.75	9223.00277	0.17123	0.17361	0.04005	0.03887	0.02037	0.02025	3.23E-04	9.63E-07	9.89E-07	3.65E-07	3.53E-07	6.66E-08	6.61E-08	3.256SE-04
608302.98	4200832.35	9214.80991	0.16935	0.17172	0.04067	0.03948	0.02041	0.0203	3.23E-04	9.52E-07	9.78E-07	3.71E-07	3.59E-07	6.67E-08	6.63E-08	3.254SE-04
608302.98	4200839.95	9206.94126	0.16747	0.16984	0.04129	0.04009	0.02046	0.02034	3.22E-04	9.42E-07	9.68E-07	3.77E-07	3.64E-07	6.69E-08	6.64E-08	3.250SE-04
608302.98	4200847.55	9197.34042	0.16561	0.16797	0.04191	0.04071	0.0205	0.02038	3.22E-04	9.31E-07	9.57E-07	3.82E-07	3.70E-07	6.70E-08	6.65E-08	3.247SE-04
608302.98	4200855.15	9187.81716	0.16376	0.16611	0.04254	0.04132	0.02054	0.02042	3.22E-04	9.21E-07	9.46E-07	3.88E-07	3.75E-07	6.72E-08	6.67E-08	3.244SE-04
608302.98	4200862.75	9177.69157	0.16191	0.16425	0.04316	0.04194	0.02059	0.02046	3.21E-04	9.11E-07	9.36E-07	3.94E-07	3.81E-07	6.73E-08	6.68E-08	3.240SE-04
608302.98	4200870.35	9167.15547	0.16008	0.16241	0.04378	0.04256	0.02063	0.0205	3.21E-04	9.00E-07	9.25E-07	3.99E-07	3.87E-07	6.75E-08	6.69E-08	3.236SE-04

Ranch EIR Residential Project Construction Parameters

Phase 2

Construction Annual Total PM2.5 (Total PM2.5) **Unmitigated Concentrations**

Annual Average Onsite DPM Rate (grams/m2/sec):	4.98E-08
Annual Average Offsite DPM Emission Rate - Road 1 (grams/sec):	2.08E-04
Annual Average Offsite DPM Emission Rate - Road 2 (grams/sec):	2.10E-04
Annual Average Offsite DPM Emission Rate - Road 3 (grams/sec):	3.37E-04
Annual Average Offsite DPM Emission Rate - Road4 (grams/sec):	3.35E-04
Annual Average Offsite DPM Emission Rate - Road5 (grams/sec):	1.21E-04
Annual Average Offsite DPM Emission Rate - Road5 (grams/sec):	1.21E-04

X	Y	Onsite Phase 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 1 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 4 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 5 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 6 Unit Emissions VALUES AVERAGED AVERAGE CONC	Onsite Phase 2 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 1 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 2 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 3 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 4 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 5 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 6 Annual PM2.5 Total w/Actual Emissions (ug/m3)	**Total DPM (ug/m3)**
606771.32	4200808.57	52057.33116	0.08488	0.08498	0.04666	0.04498	0.03495	0.03568	2.59E-03	1.76E-05	1.79E-05	1.57E-05	1.51E-05	4.22E-06	4.30E-06	2.6665E-03
606787.8	4200808.22	52077.64805	0.08645	0.08689	0.04598	0.04418	0.03523	0.03594	2.59E-03	1.80E-05	1.83E-05	1.55E-05	1.48E-05	4.25E-06	4.33E-06	2.6678E-03
606807.8	4200808.22	51448.48698	0.09263	0.09273	0.04694	0.04487	0.0354	0.03608	2.56E-03	1.92E-05	1.95E-05	1.58E-05	1.50E-05	4.27E-06	4.35E-06	2.6396E-03
606827.8	4200808.22	50743.4416	0.09855	0.09846	0.04723	0.04515	0.03554	0.0362	2.53E-03	2.05E-05	2.07E-05	1.59E-05	1.51E-05	4.29E-06	4.36E-06	2.6072E-03
606847.8	4200808.22	49936.44365	0.10527	0.10493	0.04756	0.04536	0.03565	0.03629	2.49E-03	2.19E-05	2.21E-05	1.60E-05	1.52E-05	4.30E-06	4.37E-06	2.5700E-03
606867.8	4200808.22	49044.14784	0.11284	0.11219	0.04773	0.04526	0.03573	0.03634	2.44E-03	2.34E-05	2.36E-05	1.61E-05	1.52E-05	4.31E-06	4.38E-06	2.5287E-03
606887.8	4200808.22	48131.88921	0.12011	0.1193	0.04774	0.04539	0.0358	0.03637	2.40E-03	2.49E-05	2.51E-05	1.61E-05	1.52E-05	4.32E-06	4.38E-06	2.4863E-03
606907.8	4200808.22	47166.32782	0.12864	0.12706	0.04822	0.04576	0.03583	0.03638	2.35E-03	2.67E-05	2.67E-05	1.62E-05	1.53E-05	4.33E-06	4.38E-06	2.4419E-03
606927.8	4200808.22	46201.01763	0.13855	0.13642	0.04848	0.04592	0.03585	0.03638	2.30E-03	2.88E-05	2.87E-05	1.63E-05	1.54E-05	4.33E-06	4.38E-06	2.3981E-03
606947.8	4200808.22	45223.0614	0.14935	0.14655	0.04867	0.04599	0.03586	0.03636	2.25E-03	3.10E-05	3.08E-05	1.64E-05	1.54E-05	4.33E-06	4.38E-06	2.3538E-03
606767.8	4200828.22	57350.28091	0.07943	0.08004	0.04887	0.04722	0.03696	0.0377	2.86E-03	1.65E-05	1.68E-05	1.65E-05	1.58E-05	4.46E-06	4.54E-06	2.9299E-03
606787.8	4200828.22	56981.93346	0.08291	0.08356	0.04949	0.04763	0.03723	0.03795	2.84E-03	1.72E-05	1.76E-05	1.67E-05	1.60E-05	4.50E-06	4.57E-06	2.9134E-03
606807.8	4200828.22	55956.66595	0.08872	0.08925	0.05015	0.04814	0.03734	0.03803	2.79E-03	1.84E-05	1.88E-05	1.69E-05	1.61E-05	4.51E-06	4.58E-06	2.8652E-03
606827.8	4200828.22	54881.54084	0.09503	0.0954	0.05072	0.0484	0.03742	0.03808	2.73E-03	1.97E-05	2.01E-05	1.71E-05	1.62E-05	4.52E-06	4.59E-06	2.8145E-03
606847.8	4200828.22	53803.08474	0.10165	0.10182	0.05108	0.04874	0.0375	0.03812	2.68E-03	2.11E-05	2.14E-05	1.72E-05	1.63E-05	4.53E-06	4.59E-06	2.7638E-03
606867.8	4200828.22	52693.33195	0.10898	0.10885	0.05159	0.04908	0.03755	0.03815	2.62E-03	2.26E-05	2.29E-05	1.74E-05	1.65E-05	4.53E-06	4.60E-06	2.7119E-03
606887.8	4200828.22	51533.0982	0.11633	0.11618	0.05164	0.04914	0.03757	0.03814	2.57E-03	2.42E-05	2.44E-05	1.74E-05	1.65E-05	4.54E-06	4.60E-06	2.6572E-03
606907.8	4200828.22	50335.72809	0.12471	0.12391	0.05224	0.0496	0.03757	0.03811	2.51E-03	2.59E-05	2.61E-05	1.76E-05	1.66E-05	4.54E-06	4.59E-06	2.6013E-03
606927.8	4200828.22	49138.14782	0.13491	0.13348	0.05275	0.04996	0.03755	0.03806	2.45E-03	2.80E-05	2.81E-05	1.78E-05	1.68E-05	4.53E-06	4.59E-06	2.5461E-03
606947.8	4200828.22	47946.99474	0.14597	0.14392	0.05313	0.05019	0.03751	0.038	2.39E-03	3.03E-05	3.03E-05	1.79E-05	1.68E-05	4.53E-06	4.58E-06	2.4915E-03
606967.8	4200828.22	46749.47476	0.15835	0.1555	0.05344	0.05035	0.03745	0.03792	2.33E-03	3.29E-05	3.27E-05	1.80E-05	1.69E-05	4.52E-06	4.57E-06	2.4370E-03
606987.8	4200828.22	45556.84484	0.1721	0.16843	0.05365	0.05042	0.03738	0.03781	2.27E-03	3.57E-05	3.54E-05	1.81E-05	1.69E-05	4.51E-06	4.56E-06	2.3833E-03
606747.8	4200848.22	62987.27779	0.07322	0.07409	0.05153	0.05004	0.03871	0.03948	3.14E-03	1.52E-05	1.56E-05	1.74E-05	1.68E-05	4.67E-06	4.76E-06	3.2102E-03
606767.8	4200848.22	62579.15821	0.07637	0.0772	0.05195	0.05034	0.03902	0.03976	3.12E-03	1.59E-05	1.62E-05	1.75E-05	1.69E-05	4.71E-06	4.79E-06	3.1915E-03
606787.8	4200848.22	61943.43862	0.07951	0.08048	0.05277	0.05093	0.03926	0.03998	3.08E-03	1.65E-05	1.69E-05	1.78E-05	1.71E-05	4.74E-06	4.82E-06	3.1617E-03
606807.8	4200848.22	60608.39412	0.08497	0.08588	0.05356	0.05147	0.03933	0.04002	3.02E-03	1.76E-05	1.81E-05	1.80E-05	1.73E-05	4.75E-06	4.82E-06	3.0980E-03
606827.8	4200848.22	59242.18055	0.09086	0.09168	0.05414	0.05168	0.03939	0.04004	2.95E-03	1.89E-05	1.93E-05	1.82E-05	1.73E-05	4.76E-06	4.83E-06	3.0327E-03
606847.8	4200848.22	57848.87444	0.09686	0.09802	0.05473	0.05214	0.03942	0.04004	2.88E-03	2.01E-05	2.06E-05	1.84E-05	1.75E-05	4.76E-06	4.83E-06	2.9663E-03
606867.8	4200848.22	56441.3622	0.10405	0.105	0.05544	0.05268	0.03942	0.04001	2.81E-03	2.16E-05	2.21E-05	1.87E-05	1.77E-05	4.76E-06	4.82E-06	2.8996E-03
606887.8	4200848.22	55004.96396	0.11154	0.11218	0.05584	0.05323	0.0394	0.03996	2.74E-03	2.32E-05	2.36E-05	1.88E-05	1.79E-05	4.76E-06	4.82E-06	2.8314E-03
606907.8	4200848.22	53557.13849	0.12016	0.12015	0.05661	0.05383	0.03936	0.03989	2.67E-03	2.50E-05	2.53E-05	1.91E-05	1.81E-05	4.75E-06	4.81E-06	2.7633E-03
606927.8	4200848.22	52111.10722	0.13044	0.12983	0.05739	0.05442	0.03929	0.03979	2.59E-03	2.71E-05	2.73E-05	1.93E-05	1.83E-05	4.74E-06	4.80E-06	2.6959E-03
606947.8	4200848.22	50683.38857	0.1417	0.14051	0.05805	0.05487	0.03921	0.03968	2.52E-03	2.94E-05	2.96E-05	1.96E-05	1.84E-05	4.73E-06	4.78E-06	2.6298E-03
606967.8	4200848.22	49272.27949	0.15423	0.1523	0.05861	0.05523	0.03911	0.03955	2.45E-03	3.20E-05	3.20E-05	1.97E-05	1.85E-05	4.72E-06	4.77E-06	2.5649E-03
606987.8	4200848.22	47881.92912	0.16822	0.16553	0.05905	0.05548	0.03899	0.0394	2.38E-03	3.49E-05	3.48E-05	1.99E-05	1.86E-05	4.71E-06	4.75E-06	2.5015E-03
607107.8	4200848.22	40106.30839	0.30118	0.28705	0.05941	0.0552	0.03792	0.03819	2.00E-03	6.25E-05	6.04E-05	2.00E-05	1.85E-05	4.58E-06	4.60E-06	2.1674E-03
607127.8	4200848.22	38922.8397	0.33611	0.31796	0.05919	0.05502	0.03769	0.03795	1.94E-03	6.98E-05	6.69E-05	1.99E-05	1.85E-05	4.55E-06	4.57E-06	2.1220E-03
607147.8	4200848.22	37768.99422	0.37708	0.35414	0.05906	0.05496	0.03745	0.03769	1.88E-03	7.83E-05	7.45E-05	1.99E-05	1.84E-05	4.52E-06	4.54E-06	2.0805E-03
607167.8	4200848.22	36653.65463	0.42527	0.39626	0.05896	0.05493	0.03721	0.03742	1.82E-03	8.83E-05	8.34E-05	1.99E-05	1.84E-05	4.49E-06	4.51E-06	2.0438E-03
607187.8	4200848.22	35568.71132	0.48374	0.44686	0.05904	0.0551	0.03695	0.03714	1.77E-03	1.00E-04	9.40E-05	1.99E-05	1.85E-05	4.46E-06	4.48E-06	2.0126E-03
607207.8	4200848.22	34514.71166	0.55629	0.50873	0.05937	0.0555	0.03668	0.03685	1.72E-03	1.16E-04	1.07E-04	2.00E-05	1.86E-05	4.43E-06	4.44E-06	1.9884E-03
607227.8	4200848.22	33500.57902	0.64634	0.58449	0.0597	0.05577	0.0364	0.03656	1.67E-03	1.34E-04	1.23E-04	2.01E-05	1.87E-05	4.40E-06	4.41E-06	1.9726E-03
606747.8	4200868.22	69047.20766	0.06964	0.07075	0.05426	0.05284	0.04093	0.0417	3.44E-03	1.45E-05	1.49E-05	1.83E-05	1.77E-05	4.94E-06	5.03E-06	3.5129E-03
606767.8	4200868.22	68361.02356	0.07232	0.07347	0.05474	0.0532	0.04122	0.04196	3.40E-03	1.50E-05	1.55E-05	1.84E-05	1.78E-05	4.98E-06	5.06E-06	3.4802E-03
606787.8	4200868.22	67190.68503	0.07499	0.07653	0.05533	0.05361	0.04138	0.04209	3.35E-03	1.56E-05	1.61E-05	1.86E-05	1.80E-05	5.00E-06	5.07E-06	3.4235E-03
606807.8	4200868.22	65496.375	0.08024	0.08198	0.05663	0.05445	0.04142	0.04209	3.26E-03	1.67E-05	1.72E-05	1.91E-05	1.83E-05	5.00E-06	5.07E-06	3.3421E-03
606827.8	4200868.22	63774.50809	0.08613	0.0876	0.0578	0.05523	0.04143	0.04207	3.18E-03	1.79E-05	1.84E-05	1.95E-05	1.85E-05	5.00E-06	5.07E-06	3.2594E-03
606847.8	4200868.22	62024.70433	0.09216	0.09377	0.05865	0.05603	0.04141	0.04201	3.09E-03	1.91E-05	1.97E-05	1.98E-05	1.88E-05	5.00E-06	5.06E-06	3.1754E-03
606867.8	4200868.22	60277.30462	0.09897	0.10064	0.05926	0.0568	0.04136	0.04194	3.00E-03	2.06E-05	2.12E-05	2.00E-05	1.91E-05	4.99E-06	5.05E-06	3.0917E-03
606887.8	4200868.22	58533.10083	0.10635	0.10759	0.06025	0.05759	0.04129	0.04184	2.91E-03	2.21E-05	2.26E-05	2.03E-05	1.93E-05	4.99E-06	5.04E-06	3.0085E-03
606907.8	4200868.22	56800.31904	0.11494	0.1156	0.0613	0.05841	0.0412	0.04171	2.83E-03	2.39E-05	2.43E-05	2.06E-05	1.96E-05	4.97E-06	5.03E-06	2.9263E-03
606927.8	4200868.22	55089.6855	0.1252	0.12524	0.06236	0.05926	0.04109	0.04157	2.74E-03	2.60E-05	2.63E-05	2.10E-05	1.99E-05	4.96E-06	5.01E-06	2.8459E-03
606947.8	4200868.22	53409.64689	0.13646	0.1362	0.06338	0.06002	0.04095	0.0414	2.66E-03	2.83E-05	2.87E-05	2.13E-05	2.01E-05	4.94E-06	4.99E-06	2.7674E-03
607047.8	4200868.22	45621.21088	0.21797	0.21262	0.06661	0.06198	0.04002	0.04034	2.27E-03	4.53E-05	4.47E-05	2.24E-05	2.08E-05	4.83E-06	4.86E-06	2.4142E-03
607067.8	4200868.22	44188.20323	0.24166	0.23438	0.06683	0.06201	0.03979	0.04008	2.20E-03	5.02E-05	4.93E-05	2.25E-05	2.08E-05	4.80E-06	4.83E-06	2.3524E-03
607087.8	4200868.22	42796.98143	0.2691	0.25943	0.06693	0.06197	0.03954	0.03981	2.13E-03	5.59E-05	5.46E-05	2.25E-05	2.08E-05	4.77E-06	4.80E-06	2.2940E-03
607107.8	4200868.22	41453.48337	0.30081	0.28785	0.06688	0.06184	0.03928	0.03953	2.06E-03	6.25E-05	6.06E-05	2.25E-05	2.07E-05	4.74E-06	4.76E-06	2.2396E-03
607127.8	4200868.22	40153.9536	0.33783	0.3207	0.06674	0.06168	0.03901	0.03924	2.00E-03	7.02E-05	6.75E-05	2.25E-05	2.07E-05	4.71E-06	4.73E-06	2.1893E-03
607147.8	4200868.22	38896.13299	0.38147	0.35914	0.06656	0.06154	0.03873	0.03893	1.94E-03	7.92E-05	7.56E-05	2.24E-05	2.06E-05	4.68E-06	4.69E-06	2.1437E-03
607167.8	4200868.22	37681.23386	0.4335	0.40452	0.06643	0.06147	0.03844	0.03862	1.88E-03	9.00E-05	8.51E-05	2.24E-05	2.06E-05	4.64E-06	4.65E-06	2.1034E-03
607187.8	4200868.22	36506.86476	0.49695	0.45919	0.06644	0.06158	0.03814	0.0383	1.82E-03	1.03E-04	9.66E-05	2.24E-05	2.07E-05	4.61E-06	4.62E-06	2.0696E-03
607207.8	4200868.22	35375.74091	0.57552	0.52578	0.06658	0.06182	0.03783	0.03797	1.76E-03	1.20E-04	1.11E-04	2.24E-05	2.07E-05	4.57E-06	4.58E-06	2.0436E-03
607227.8	4200868.22	34283.3363	0.67607	0.6095	0.06699	0.06226	0.03751	0.03764	1.71E-03	1.40E-04	1.28E-04	2.26E-05	2.09E-05	4.53E-06	4.54E-06	2.0279E-03
606755.19	4200886.81	75245.10385	0.06602	0.06742	0.05665	0.05528	0.04331	0.04406	3.75E-03	1.37E-05	1.42E-05	1.91E-05	1.85E-05	5.23E-06	5.31E-06	3.8222E-03
606767.8	4200888.22	74771.8836	0.06711	0.06848	0.05733	0.05583	0.04357	0.0443	3.72E-03	1.39E-05	1.44E-05	1.93E-05	1.87E-05	5.26E-06	5.34E-06	3.7995E-03
606787.8	4200888.22	72732.48862	0.07067	0.07233	0.05854	0.05691	0.0436	0.04429	3.62E-03	1.47E-05	1.52E-05	1.97E-05	1.91E-05	5.26E-06	5.34E-06	3.7003E-03
606807.8	4200888.22	70584.0912	0.07569	0.07783	0.06005	0.05796	0.04358	0.04424	3.51E-03	1.57E-05	1.64E-05	2.02E-05	1.94E-05	5.26E-06	5.33E-06	3.5964E-03
606827.8	4200888.22	68425.77629	0.08123	0.08322	0.06151	0.059	0.04354	0.04416	3.41E-03	1.69E-05	1.75E-05	2.07E-05	1.98E-05	5.26E-06	5.32E-06	3.4921E-03
606847.8	4200888.22	66281.77799	0.08718	0.08918	0.06278	0.06005	0.04346	0.04405	3.30E-03	1.81E-05	1.88E-05	2.11E-05	2.01E-05	5.25E-06	5.31E-06	3.3886E-03
606867.8	4200888.22	64164.19937	0.09361	0.09578	0.06386	0.06111	0.04336	0.04392	3.19E-03	1.94E-05	2.01E-05	2.15E-05	2.05E-05	5.24E-06	5.29E-06	3.2866E-03
606887.8	4200888.22	62072.36269	0.1007	0.10229	0.06484	0.06219	0.04324	0.04376	3.09E-03	2.09E-05	2.15E-05	2.18E-05	2.09E-05	5.22E-06	5.27E-06	3.1859E-03
606907.8	4200888.22	60035.68108	0.10915	0.11042	0.06619	0.06329	0.04309	0.04358	2.99E-03	2.27E-05	2.32E-05	2.23E-05	2.12E-05	5.20E-06	5.25E-06	3.0888E-03
606927.8	4200888.22	58032.60012	0.11931	0.12036	0.06767	0.0645	0.04292	0.04338	2.89E-03	2.48E-05	2.53E-05	2.28E-05	2.16E-05	5.18E-06	5.23E-06	2.9941E-03
607027.8	4200888.22	48951.93537	0.19098	0.18881	0.07377	0.06888	0.04181	0.04212	2.44E-03	3.97E-05	3.97E-05	2.48E-05	2.31E-05	5.05E-06	5.08E-06	2.5746E-03
607047.8	4200888.22	47304.93444	0.21223	0.20856	0.07461	0.06939	0.04153	0.04182	2.36E-03	4.41E-05	4.39E-05	2.51E-05	2.33E-05	5.01E-06	5.04E-06	2.5015E-03
607067.8	4200888.22	45721.98149	0.23655	0.23104	0.07523	0.06969	0.04125	0.04152	2.28E-03	4.91E-05	4.86E-05	2.53E-05	2.34E-05	4.98E-06	5.00E-06	2.4327E-03
607087.8	4200888.22	44195.12572	0.2649	0.25705	0.07566	0.06985	0.04096	0.0412	2.20E-03	5.50E-05	5.41E-05	2.55E-05	2.34E-05	4.95E-06	4.97E-06	2.3682E-03
607107.8	4200888.22	42725.24328	0.29804	0.28688	0.07591	0.06989	0.04065	0.04087	2.13E-03	6.19E-05	6.04E-05	2.56E-05	2.34E-05	4.91E-06	4.93E-06	2.3082E-03
607127.8	4200888.22	41310.29174	0.33707	0.32161	0.07597	0.06983	0.04033	0.04053	2.06E-03	7.00E-05	6.77E-05	2.56E-05	2.34E-05	4.87E-06	4.88E-06	2.2531E-03
607147.8	4200888.22	39951.65305	0.3831	0.36223	0.07584	0.06965	0.04001	0.04018	1.99E-03	7.96E-05	7.62E-05	2.55E-05	2.34E-05	4.83E-06	4.84E-06	2.2034E-03
607167.8	4200888.22	38641.82007	0.43871	0.41068	0.07569	0.06952	0.03967	0.03982	1.92E-03	9.11E-05	8.64E-05	2.55E-05	2.33E-05	4.79E-06	4.80E-06	2.1597E-03
607187.8	4200888.22	37378.04783	0.50735	0.4697	0.07567	0.06959	0.03932	0.03946	1.86E-03	1.05E-04	9.88E-05	2.55E-05	2.33E-05	4.75E-06	4.76E-06	2.1234E-03
607207.8	4200888.22	36167.39381	0.59291	0.54203	0.07572	0.06975	0.03897	0.03909	1.80E-03	1.23E-04	1.14E-04	2.55E-05	2.34E-05	4.71E-06	4.71E-06	2.0961E-03
607227.8	4200888.22	35001.82493	0.70387	0.63389	0.07606	0.07018	0.03861	0.03871	1.74E-03	1.46E-04	1.33E-04	2.56E-05	2.35E-05	4.66E-06	4.67E-06	2.0806E-03
606747.8	4200908.22	83938.20593	0.05892	0.06042	0.05886	0.0576	0.04597	0.04673	4.18E-03	1.22E-05	1.27E-05	1.98E-05	1.93E-05	5.55E-06	5.63E-06	4.2542E-03
606767.8	4200908.22	81181.37777	0.06256	0.06412	0.06025	0.05888	0.04595	0.04667	4.04E-03	1.30E-05	1.35E-05	2.03E-05	1.97E-05	5.55E-06	5.62E-06	4.1194E-03
606787.8	4200908.22	78582.6336	0.06692	0.06874	0.06234	0.06078	0.04592	0.0466	3.91E-03	1.39E-05	1.45E-05	2.10E-05	2.04E-05	5.54E-06	5.62E-06	3.9932E-03
606807.8	4200908.22	75832.57662	0.07155	0.07344	0.06387	0.06206	0.04583	0.04647	3.78E-03	1.49E-05	1.54E-05	2.15E-05	2.08E-05	5.53E-06	5.60E-06	3.8591E-03
606827.8	4200908.22	73164.56186	0.07664	0.07859	0.06533	0.06328	0.04571	0.04632	3.64E-03	1.59E-05	1.65E-05	2.20E-05	2.12E-05	5.52E-06	5.58E-06	3.7293E-03
606847.8	4200908.22	70586.26157	0.08221	0.08423	0.06696	0.06466	0.04558	0.04615	3.51E-03	1.71E-05	1.77E-05	2.26E-05	2.17E-05	5.50E-06	5.56E-06	3.6043E-03
606867.8	4200908.22	68045.38331	0.08774	0.09048	0.06784	0.06552	0.04541	0.04595	3.39E-03	1.82E-05	1.90E-05	2.28E-05	2.20E-05	5.48E-06	5.54E-06	3.4808E-03
606887.8	4200908.22	65594.61887	0.09477	0.09678	0.06949	0.06694	0.04523	0.04572	3.27E-03	1.97E-05	2.04E-05	2.34E-05	2.25E-05	5.46E-06	5.51E-06	3.3625E-03
606987.8	4200908.22	54560.78088	0.14892	0.14994	0.07875	0.07441	0.044	0.04433	2.72E-03	3.09E-05	3.15E-05	2.65E-05	2.50E-05	5.31E-06	5.34E-06	2.8409E-03
607007.8	4200908.22	52602.49837	0.16468	0.1652	0.08051	0.07571	0.0437	0.04401	2.62E-03	3.42E-05	3.48E-05	2.71E-05	2.54E-05	5.28E-06	5.30E-06	2.7509E-03
607027.8	4200908.22	50720.68654	0.18295	0.18252	0.08213	0.07684	0.04339	0.04367	2.53E-03	3.80E-05	3.84E-05	2.77E-05	2.58E-05	5.24E-06	5.26E-06	2.6655E-03
607047.8	4200908.22	48908.30153	0.20424	0.20255	0.08362	0.07784	0.04306	0.04332	2.43E-03	4.24E-05	4.26E-05	2.82E-05	2.61E-05	5.20E-06	5.22E-06	2.5846E-03
607067.8	4200908.22	47171.69927	0.22896	0.22565	0.08489	0.07863	0.04273	0.04296	2.35E-03	4.75E-05	4.75E-05	2.86E-05	2.64E-05	5.16E-06	5.18E-06	2.5088E-03
607087.8	4200908.22	45509.43453	0.25791	0.25243	0.08591	0.0792	0.04238	0.04259	2.27E-03	5.36E-05	5.31E-05	2.89E-05	2.66E-05	5.12E-06	5.13E-06	2.4381E-03
607107.8	4200908.22	43917.23536	0.29206	0.28339	0.08668	0.07957	0.04202	0.04221	2.19E-03	6.06E-05	5.96E-05	2.92E-05	2.67E-05	5.07E-06	5.09E-06	2.3728E-03
607127.8	4200908.22	42389.10205	0.3327	0.31981	0.08718	0.07976	0.04165	0.04182	2.11E-03	6.91E-05	6.73E-05	2.94E-05	2.68E-05	5.03E-06	5.04E-06	2.3129E-03
607147.8	4200908.22	40924.14443	0.38148	0.36298	0.08743	0.07979	0.04128	0.04142	2.04E-03	7.92E-05	7.64E-05	2.94E-05	2.68E-05	4.98E-06	4.99E-06	2.2592E-03
607167.8	4200908.22	39523.25289	0.44044	0.41444	0.08742	0.07968	0.0409	0.04102	1.97E-03	9.15E-05	8.72E-05	2.94E-05	2.67E-05	4.94E-06	4.94E-06	2.2124E-03
607187.8	4200908.22	38176.57261	0.51382	0.47755	0.08741	0.07967	0.04051	0.04061	1.90E-03	1.07E-04	1.00E-04	2.94E-05	2.67E-05	4.89E-06	4.89E-06	2.1738E-03
607207.8	4200908.22	36885.58893	0.60707	0.55633	0.08749	0.07985	0.04011	0.04019	1.84E-03	1.26E-04	1.17E-04	2.95E-05	2.68E-05	4.84E-06	4.84E-06	2.1454E-03
607227.8	4200908.22	35651.8776	0.72831	0.65653	0.08768	0.08017	0.03971	0.03978	1.77E-03	1.51E-04	1.38E-04	2.95E-05	2.69E-05	4.79E-06	4.79E-06	2.1303E-03
606687.8	4200928.22	102128.4204	0.04639	0.04837	0.05691	0.05611	0.04858	0.04946	5.08E-03	9.63E-06	1.02E-05	1.92E-05	1.88E-05	5.87E-06	5.96E-06	5.1541E-03
606707.8	4200928.22	98561.92459	0.04942	0.05107	0.05904	0.05799	0.0486	0.04943	4.91E-03	1.03E-05	1.07E-05	1.99E-05	1.95E-05	5.87E-06	5.96E-06	4.9791E-03
606727.8	4200928.22	94874.12026	0.05227	0.05401	0.06034	0.05925	0.04856	0.04935	4.72E-03	1.09E-05	1.14E-05	2.03E-05	1.99E-05	5.86E-06	5.95E-06	4.7976E-03
606747.8	4200928.22	91335.78782	0.05537	0.0572	0.06217	0.06101	0.04851	0.04925	4.55E-03	1.15E-05	1.20E-05	2.09E-05	2.05E-05	5.86E-06	5.94E-06	4.6239E-03
606767.8	4200928.22	87805.08638	0.05884	0.06077	0.06382	0.06243	0.04841	0.04911	4.37E-03	1.22E-05	1.28E-05	2.15E-05	2.09E-05	5.85E-06	5.92E-06	4.4506E-03
606787.8	4200928.22	84462.33771	0.06247	0.0645	0.06546	0.06404	0.0483	0.04896	4.21E-03	1.30E-05	1.36E-05	2.20E-05	2.15E-05	5.83E-06	5.90E-06	4.2868E-03
606807.8	4200928.22	81161.52098	0.06664	0.06879	0.0672	0.06563	0.04815	0.04876	4.04E-03	1.38E-05	1.45E-05	2.26E-05	2.20E-05	5.81E-06	5.88E-06	4.1253E-03
606827.8	4200928.22	77930.8104	0.07146	0.07371	0.06907	0.06731	0.04796	0.04854	3.88E-03	1.48E-05	1.55E-05	2.33E-05	2.26E-05	5.79E-06	5.85E-06	3.9677E-03
606847.8	4200928.22	74861.97172	0.0767	0.07906	0.07097	0.06892	0.04775	0.04829	3.73E-03	1.59E-05	1.66E-05	2.39E-05	2.31E-05	5.77E-06	5.82E-06	3.8182E-03
606867.8	4200928.22	71895.87885	0.08202	0.08505	0.07266	0.07	0.04752	0.04802	3.58E-03	1.70E-05	1.79E-05	2.45E-05	2.35E-05	5.74E-06	5.79E-06	3.6738E-03
606967.8	4200928.22	58879.99146	0.12694	0.12938	0.08363	0.07977	0.04605	0.04639	2.93E-03	2.64E-05	2.72E-05	2.82E-05	2.68E-05	5.56E-06	5.59E-06	3.0510E-03
606987.8	4200928.22	56607.95817	0.14022	0.1425	0.0862	0.08185	0.04571	0.04601	2.82E-03	2.91E-05	3.00E-05	2.90E-05	2.75E-05	5.52E-06	5.55E-06	2.9449E-03
607007.8	4200928.22	54454.045	0.15533	0.15736	0.08871	0.08378	0.04535	0.04563	2.71E-03	3.23E-05	3.31E-05	2.99E-05	2.81E-05	5.48E-06	5.50E-06	2.8453E-03
607027.8	4200928.22	52385.59329	0.17324	0.17461	0.09119	0.08565	0.04498	0.04523	2.61E-03	3.60E-05	3.67E-05	3.07E-05	2.87E-05	5.43E-06	5.45E-06	2.7511E-03
607047.8	4200928.22	50412.78216	0.19407	0.19455	0.09355	0.08735	0.0446	0.04482	2.51E-03	4.03E-05	4.09E-05	3.15E-05	2.93E-05	5.39E-06	5.40E-06	2.6626E-03
607067.8	4200928.22	48524.30276	0.21873	0.21794	0.09579	0.0889	0.04421	0.0444	2.42E-03	4.54E-05	4.58E-05	3.23E-05	2.98E-05	5.34E-06	5.35E-06	2.5798E-03
607087.8	4200928.22	46729.30947	0.2478	0.2452	0.09774	0.09016	0.04381	0.04398	2.33E-03	5.15E-05	5.16E-05	3.29E-05	3.02E-05	5.29E-06	5.30E-06	2.5032E-03
607107.8	4200928.22	45015.68937	0.28252	0.27706	0.09942	0.09118	0.04339	0.04354	2.24E-03	5.87E-05	5.83E-05	3.35E-05	3.06E-05	5.24E-06	5.25E-06	2.4326E-03
607127.8	4200928.22	43378.32602	0.32431	0.31487	0.10077	0.09191	0.04298	0.0431	2.16E-03	6.73E-05	6.62E-05	3.39E-05	3.08E-05	5.19E-06	5.19E-06	2.3684E-03
607147.8	4200928.22	41812.71086	0.37519	0.36022	0.10177	0.0924	0.04255	0.04266	2.08E-03	7.79E-05	7.58E-05	3.43E-05	3.10E-05	5.14E-06	5.14E-06	2.3109E-03
607167.8	4200928.22	40320.2951	0.4375	0.41485	0.10236	0.09262	0.04212	0.0422	2.01E-03	9.09E-05	8.73E-05	3.45E-05	3.11E-05	5.09E-06	5.09E-06	2.2612E-03
607187.8	4200928.22	38896.18555	0.51522	0.48181	0.10259	0.09264	0.04168	0.04175	1.94E-03	1.07E-04	1.01E-04	3.46E-05	3.11E-05	5.03E-06	5.03E-06	2.2205E-03
607207.8	4200928.22	37531.47931	0.61553	0.56661	0.10278	0.09282	0.04124	0.04129	1.87E-03	1.28E-04	1.19E-04	3.46E-05	3.11E-05	4.98E-06	4.98E-06	2.1912E-03
607227.8	4200928.22	36232.12821	0.74722	0.67535	0.1029	0.09304	0.04079	0.04083	1.80E-03	1.55E-04	1.42E-04	3.47E-05	3.12E-05	4.93E-06	4.92E-06	2.1768E-03
606667.8	4200948.22	117788.6198	0.04148	0.04302	0.05802	0.05727	0.05146	0.05238	5.86E-03	8.61E-06	9.05E-06	1.95E-05	1.92E-05	6.21E-06	6.31E-06	5.9331E-03
606687.8	4200948.22	112763.5473	0.04373	0.04531	0.05946	0.05861	0.05142	0.05228	5.61E-03	9.08E-06	9.53E-06	2.00E-05	1.97E-05	6.21E-06	6.30E-06	5.6848E-03
606707.8	4200948.22	107962.2447	0.04608	0.04781	0.06128	0.06034	0.05135	0.05217	5.37E-03	9.57E-06	1.01E-05	2.06E-05	2.02E-05	6.20E-06	6.29E-06	5.4480E-03
606727.8	4200948.22	103363.7639	0.04856	0.05041	0.06296	0.06205	0.05126	0.05202	5.15E-03	1.01E-05	1.06E-05	2.12E-05	2.08E-05	6.19E-06	6.27E-06	5.2212E-03
606747.8	4200948.22	98881.59315	0.05134	0.05331	0.06472	0.0637	0.05113	0.05184	4.92E-03	1.07E-05	1.12E-05	2.18E-05	2.14E-05	6.17E-06	6.25E-06	5.0003E-03
606767.8	4200948.22	94529.4418	0.0545	0.05659	0.06657	0.06544	0.05095	0.05162	4.71E-03	1.13E-05	1.19E-05	2.24E-05	2.19E-05	6.15E-06	6.22E-06	4.7862E-03
606787.8	4200948.22	90386.77119	0.05797	0.06019	0.06849	0.06723	0.05075	0.05138	4.50E-03	1.20E-05	1.27E-05	2.31E-05	2.25E-05	6.13E-06	6.19E-06	4.5826E-03
606807.8	4200948.22	86445.26703	0.0618	0.06416	0.07049	0.06909	0.05052	0.05111	4.30E-03	1.28E-05	1.35E-05	2.37E-05	2.32E-05	6.10E-06	6.16E-06	4.3892E-03
606827.8	4200948.22	82654.26037	0.06621	0.06871	0.07264	0.07107	0.05026	0.0508	4.11E-03	1.37E-05	1.45E-05	2.45E-05	2.38E-05	6.07E-06	6.12E-06	4.2037E-03
606927.8	4200948.22	66419.54995	0.09806	0.10117	0.08425	0.08145	0.04862	0.04898	3.31E-03	2.04E-05	2.13E-05	2.84E-05	2.73E-05	5.87E-06	5.90E-06	3.4158E-03
606947.8	4200948.22	63656.34327	0.10739	0.1106	0.08726	0.08408	0.04824	0.04857	3.17E-03	2.23E-05	2.33E-05	2.94E-05	2.82E-05	5.82E-06	5.85E-06	3.2840E-03
606967.8	4200948.22	61031.6774	0.11808	0.12146	0.09045	0.0868	0.04785	0.04814	3.04E-03	2.45E-05	2.56E-05	3.05E-05	2.91E-05	5.78E-06	5.80E-06	3.1597E-03
606987.8	4200948.22	58544.09574	0.13046	0.13388	0.09376	0.08957	0.04744	0.0477	2.91E-03	2.71E-05	2.82E-05	3.16E-05	3.00E-05	5.73E-06	5.75E-06	3.0430E-03
607007.8	4200948.22	56184.65135	0.14482	0.14827	0.09719	0.09235	0.04702	0.04725	2.80E-03	3.01E-05	3.12E-05	3.27E-05	3.10E-05	5.68E-06	5.69E-06	2.9335E-03
607027.8	4200948.22	53937.64865	0.16186	0.165	0.10069	0.09512	0.04658	0.04679	2.69E-03	3.36E-05	3.47E-05	3.39E-05	3.19E-05	5.62E-06	5.64E-06	2.8307E-03
607047.8	4200948.22	51800.39776	0.18196	0.18465	0.10421	0.09784	0.04614	0.04632	2.58E-03	3.78E-05	3.88E-05	3.51E-05	3.28E-05	5.57E-06	5.58E-06	2.7346E-03
607067.8	4200948.22	49771.13038	0.20581	0.2077	0.10768	0.10041	0.04569	0.04584	2.48E-03	4.27E-05	4.37E-05	3.63E-05	3.37E-05	5.52E-06	5.52E-06	2.6453E-03
607087.8	4200948.22	47845.15947	0.23438	0.23501	0.111	0.10275	0.04523	0.04536	2.38E-03	4.87E-05	4.94E-05	3.74E-05	3.45E-05	5.46E-06	5.47E-06	2.5629E-03
607107.8	4200948.22	46013.69128	0.26897	0.26733	0.11413	0.10486	0.04476	0.04487	2.29E-03	5.59E-05	5.62E-05	3.84E-05	3.52E-05	5.40E-06	5.41E-06	2.4873E-03
607127.8	4200948.22	44267.64949	0.31133	0.30628	0.11699	0.10669	0.04429	0.04438	2.20E-03	6.47E-05	6.44E-05	3.94E-05	3.58E-05	5.35E-06	5.35E-06	2.4189E-03
607147.8	4200948.22	42614.13662	0.36295	0.35286	0.11928	0.10799	0.04381	0.04388	2.12E-03	7.54E-05	7.42E-05	4.02E-05	3.62E-05	5.29E-06	5.29E-06	2.3581E-03
607167.8	4200948.22	41032.04668	0.42803	0.41048	0.1212	0.10906	0.04333	0.04338	2.04E-03	8.89E-05	8.64E-05	4.08E-05	3.66E-05	5.23E-06	5.23E-06	2.3059E-03
607187.8	4200948.22	39529.44502	0.51022	0.48166	0.12246	0.10966	0.04284	0.04287	1.97E-03	1.06E-04	1.01E-04	4.12E-05	3.68E-05	5.17E-06	5.17E-06	2.2636E-03
607207.8	4200948.22	38099.72886	0.61665	0.57174	0.12315	0.10997	0.04235	0.04236	1.90E-03	1.28E-04	1.20E-04	4.15E-05	3.69E-05	5.11E-06	5.11E-06	2.2337E-03
607227.8	4200948.22	36739.37174	0.75859	0.68877	0.12343	0.11016	0.04186	0.04186	1.83E-03	1.58E-04	1.45E-04	4.16E-05	3.69E-05	5.05E-06	5.04E-06	2.2201E-03
606547.8	4200968.22	169721.1656	0.02991	0.03085	0.05035	0.0501	0.05428	0.05553	8.45E-03	6.21E-06	6.49E-06	1.70E-05	1.68E-05	6.55E-06	6.69E-06	8.5094E-03
606567.8	4200968.22	164194.3733	0.03113	0.03214	0.05163	0.05136	0.05443	0.05562	8.17E-03	6.46E-06	6.76E-06	1.74E-05	1.72E-05	6.57E-06	6.70E-06	8.2356E-03
606587.8	4200968.22	157754.318	0.03253	0.03359	0.05298	0.05268	0.05453	0.05565	7.85E-03	6.76E-06	7.07E-06	1.78E-05	1.77E-05	6.58E-06	6.71E-06	7.9165E-03
606607.8	4200968.22	150989.9718	0.03386	0.03499	0.05441	0.05408	0.05458	0.05565	7.52E-03	7.03E-06	7.36E-06	1.83E-05	1.81E-05	6.59E-06	6.71E-06	7.5813E-03
606627.8	4200968.22	143734.1759	0.0356	0.03686	0.05591	0.05553	0.05457	0.05558	7.16E-03	7.39E-06	7.75E-06	1.88E-05	1.86E-05	6.59E-06	6.70E-06	7.2218E-03
606647.8	4200968.22	136874.0164	0.03714	0.03842	0.05748	0.05706	0.05454	0.05549	6.81E-03	7.71E-06	8.08E-06	1.94E-05	1.91E-05	6.59E-06	6.69E-06	6.8819E-03
606667.8	4200968.22	130437.7494	0.03864	0.0402	0.05982	0.05912	0.05449	0.05538	6.49E-03	8.02E-06	8.46E-06	2.01E-05	1.98E-05	6.58E-06	6.67E-06	6.5636E-03
606687.8	4200968.22	124073.4801	0.04048	0.04215	0.06153	0.06093	0.05439	0.05523	6.18E-03	8.41E-06	8.87E-06	2.07E-05	2.04E-05	6.57E-06	6.66E-06	6.2487E-03
606707.8	4200968.22	117876.6332	0.04258	0.04437	0.06332	0.06265	0.05423	0.05502	5.87E-03	8.84E-06	9.33E-06	2.13E-05	2.10E-05	6.55E-06	6.63E-06	5.9423E-03
606727.8	4200968.22	112039.3679	0.04485	0.04676	0.06518	0.06442	0.05405	0.05478	5.58E-03	9.31E-06	9.84E-06	2.20E-05	2.16E-05	6.53E-06	6.60E-06	5.6538E-03
606747.8	4200968.22	106445.1752	0.04746	0.0495	0.06715	0.0663	0.05382	0.0545	5.30E-03	9.86E-06	1.04E-05	2.26E-05	2.22E-05	6.50E-06	6.57E-06	5.3776E-03
606767.8	4200968.22	101190.9469	0.05033	0.05251	0.06922	0.06826	0.05356	0.05419	5.04E-03	1.05E-05	1.10E-05	2.33E-05	2.29E-05	6.47E-06	6.53E-06	5.1186E-03
606787.8	4200968.22	96247.06128	0.05353	0.05586	0.0714	0.07032	0.05327	0.05386	4.79E-03	1.11E-05	1.18E-05	2.40E-05	2.36E-05	6.43E-06	6.49E-06	4.8751E-03
606907.8	4200968.22	72175.21083	0.08304	0.08624	0.08637	0.08421	0.05101	0.05136	3.59E-03	1.72E-05	1.81E-05	2.91E-05	2.82E-05	6.16E-06	6.19E-06	3.6984E-03
606927.8	4200968.22	68954.23852	0.09047	0.09403	0.0897	0.08723	0.05057	0.05088	3.43E-03	1.88E-05	1.98E-05	3.02E-05	2.93E-05	6.11E-06	6.13E-06	3.5432E-03
606947.8	4200968.22	65916.57911	0.09896	0.10277	0.0933	0.09045	0.05012	0.0504	3.28E-03	2.05E-05	2.16E-05	3.14E-05	3.03E-05	6.05E-06	6.07E-06	3.3978E-03
606967.8	4200968.22	63049.63174	0.10873	0.11283	0.09716	0.09386	0.04965	0.0499	3.14E-03	2.26E-05	2.37E-05	3.27E-05	3.15E-05	6.00E-06	6.01E-06	3.2615E-03
606987.8	4200968.22	60342.04403	0.12011	0.12447	0.10129	0.09744	0.04917	0.04939	3.00E-03	2.49E-05	2.62E-05	3.41E-05	3.27E-05	5.94E-06	5.95E-06	3.1340E-03
607007.8	4200968.22	57783.28174	0.13345	0.13807	0.1057	0.1012	0.04868	0.04887	2.88E-03	2.77E-05	2.90E-05	3.56E-05	3.39E-05	5.88E-06	5.89E-06	3.0148E-03
607027.8	4200968.22	55360.22297	0.14928	0.15399	0.11034	0.10504	0.04819	0.04835	2.76E-03	3.10E-05	3.24E-05	3.72E-05	3.52E-05	5.82E-06	5.83E-06	2.9036E-03
607047.8	4200968.22	53066.2864	0.1681	0.1728	0.1152	0.10899	0.04768	0.04781	2.64E-03	3.49E-05	3.64E-05	3.88E-05	3.66E-05	5.76E-06	5.76E-06	2.8001E-03
607067.8	4200968.22	50900.3727	0.19055	0.19503	0.12019	0.11292	0.04716	0.04728	2.53E-03	3.96E-05	4.10E-05	4.05E-05	3.79E-05	5.69E-06	5.70E-06	2.7044E-03
607087.8	4200968.22	48849.09309	0.21783	0.22175	0.1253	0.11678	0.04664	0.04673	2.43E-03	4.52E-05	4.66E-05	4.22E-05	3.92E-05	5.63E-06	5.63E-06	2.6165E-03
607107.8	4200968.22	46905.44523	0.25128	0.25382	0.13045	0.12054	0.04612	0.04619	2.34E-03	5.22E-05	5.34E-05	4.39E-05	4.04E-05	5.57E-06	5.57E-06	2.5363E-03
607127.8	4200968.22	45062.18293	0.29269	0.29283	0.1355	0.12405	0.04559	0.04564	2.24E-03	6.08E-05	6.16E-05	4.56E-05	4.16E-05	5.50E-06	5.50E-06	2.4641E-03

607147.8	4200968.22	43315.38876	0.34443	0.34056	0.14025	0.12715	0.04506	0.04508	2.16E-03	7.15E-05	7.16E-05	4.72E-05	4.26E-05	5.44E-06	5.43E-06	2.4004E-03
607167.8	4200968.22	41657.32047	0.41015	0.39981	0.14448	0.12973	0.04452	0.04453	2.07E-03	8.52E-05	8.41E-05	4.87E-05	4.35E-05	5.38E-06	5.37E-06	2.3461E-03
607187.8	4200968.22	40081.20314	0.49534	0.47458	0.14805	0.13177	0.04398	0.04398	2.00E-03	1.03E-04	9.98E-05	4.99E-05	4.42E-05	5.31E-06	5.30E-06	2.3028E-03
607207.8	4200968.22	38584.54916	0.60802	0.57062	0.15069	0.13322	0.04344	0.04342	1.92E-03	1.26E-04	1.20E-04	5.08E-05	4.47E-05	5.25E-06	5.23E-06	2.2732E-03
607227.8	4200968.22	37173.20233	0.75815	0.6946	0.1518	0.1336	0.04291	0.04287	1.85E-03	1.57E-04	1.46E-04	5.11E-05	4.48E-05	5.18E-06	5.17E-06	2.2605E-03
606527.8	4200988.22	215197.2598	0.0266	0.02752	0.05041	0.05014	0.05794	0.05926	1.07E-02	5.52E-06	5.79E-06	1.70E-05	1.68E-05	7.00E-06	7.14E-06	1.0773E-02
606547.8	4200988.22	206121.1785	0.02764	0.02864	0.05181	0.05139	0.05805	0.0593	1.03E-02	5.74E-06	6.03E-06	1.74E-05	1.72E-05	7.01E-06	7.15E-06	1.0322E-02
606567.8	4200988.22	195154.8536	0.02894	0.02986	0.05285	0.0527	0.05809	0.05927	9.72E-03	6.01E-06	6.28E-06	1.78E-05	1.77E-05	7.01E-06	7.14E-06	9.7778E-03
606587.8	4200988.22	183754.4458	0.03022	0.03122	0.05426	0.05409	0.05809	0.0592	9.15E-03	6.28E-06	6.57E-06	1.83E-05	1.81E-05	7.01E-06	7.13E-06	9.2117E-03
606607.8	4200988.22	172593.6763	0.03161	0.03268	0.05576	0.05553	0.05804	0.05908	8.59E-03	6.56E-06	6.87E-06	1.88E-05	1.86E-05	7.01E-06	7.12E-06	8.6576E-03
606627.8	4200988.22	162258.767	0.03287	0.03398	0.05735	0.05711	0.05795	0.05893	8.08E-03	6.83E-06	7.15E-06	1.93E-05	1.92E-05	7.00E-06	7.10E-06	8.1447E-03
606647.8	4200988.22	152568.2566	0.0342	0.03565	0.05947	0.05875	0.05781	0.05873	7.60E-03	7.10E-06	7.50E-06	2.00E-05	1.97E-05	6.98E-06	7.08E-06	7.6641E-03
606667.8	4200988.22	143665.5732	0.03587	0.03739	0.06149	0.06112	0.05764	0.05851	7.15E-03	7.45E-06	7.87E-06	2.07E-05	2.05E-05	6.96E-06	7.05E-06	7.2230E-03
606687.8	4200988.22	135502.4393	0.03748	0.03911	0.0633	0.06287	0.05745	0.05825	6.75E-03	7.78E-06	8.23E-06	2.13E-05	2.11E-05	6.94E-06	7.02E-06	6.8184E-03
606707.8	4200988.22	127818.4503	0.0393	0.04106	0.06522	0.06472	0.0572	0.05795	6.36E-03	8.16E-06	8.64E-06	2.20E-05	2.17E-05	6.91E-06	6.98E-06	6.4379E-03
606727.8	4200988.22	120647.4398	0.04135	0.04324	0.06724	0.06667	0.05691	0.05761	6.01E-03	8.59E-06	9.10E-06	2.26E-05	2.24E-05	6.87E-06	6.94E-06	6.0830E-03
606747.8	4200988.22	113909.9895	0.04374	0.04577	0.06942	0.06876	0.05658	0.05722	5.67E-03	9.08E-06	9.63E-06	2.34E-05	2.31E-05	6.83E-06	6.90E-06	5.7500E-03
606867.8	4200988.22	82653.51899	0.06455	0.06738	0.08434	0.08301	0.05405	0.05442	4.11E-03	1.34E-05	1.42E-05	2.84E-05	2.78E-05	6.53E-06	6.56E-06	4.2119E-03
606887.8	4200988.22	78616.46183	0.07006	0.07319	0.08759	0.08606	0.05356	0.05389	3.91E-03	1.45E-05	1.54E-05	2.95E-05	2.89E-05	6.47E-06	6.49E-06	4.0152E-03
606907.8	4200988.22	74850.19147	0.07615	0.07957	0.09108	0.08929	0.05305	0.05335	3.73E-03	1.58E-05	1.67E-05	3.07E-05	2.99E-05	6.41E-06	6.43E-06	3.8325E-03
606927.8	4200988.22	71321.9691	0.08284	0.08667	0.09491	0.09285	0.05253	0.0528	3.55E-03	1.72E-05	1.82E-05	3.20E-05	3.11E-05	6.34E-06	6.36E-06	3.6621E-03
606947.8	4200988.22	68012.73324	0.09048	0.09466	0.09909	0.09669	0.052	0.05223	3.39E-03	1.88E-05	1.99E-05	3.34E-05	3.24E-05	6.28E-06	6.29E-06	3.5031E-03
606967.8	4200988.22	64905.42088	0.09927	0.10386	0.10363	0.10083	0.05146	0.05166	3.23E-03	2.06E-05	2.18E-05	3.49E-05	3.38E-05	6.21E-06	6.23E-06	3.3550E-03
606987.8	4200988.22	61984.77782	0.10953	0.11454	0.10857	0.10526	0.05091	0.05108	3.09E-03	2.27E-05	2.41E-05	3.66E-05	3.53E-05	6.15E-06	6.16E-06	3.2170E-03
607007.8	4200988.22	59237.04278	0.12156	0.12707	0.11397	0.11003	0.05035	0.05049	2.95E-03	2.52E-05	2.67E-05	3.84E-05	3.69E-05	6.08E-06	6.08E-06	3.0886E-03
607027.8	4200988.22	56640.02352	0.13599	0.14191	0.11986	0.11514	0.04978	0.04989	2.82E-03	2.82E-05	2.99E-05	4.04E-05	3.86E-05	6.01E-06	6.01E-06	2.9690E-03
607047.8	4200988.22	54202.38527	0.15301	0.15935	0.1261	0.12044	0.04921	0.04929	2.70E-03	3.18E-05	3.35E-05	4.25E-05	4.04E-05	5.94E-06	5.94E-06	2.8585E-03
607067.8	4200988.22	51903.46353	0.17356	0.18024	0.13281	0.12602	0.04863	0.04869	2.58E-03	3.60E-05	3.79E-05	4.47E-05	4.23E-05	5.87E-06	5.87E-06	2.7567E-03
607087.8	4200988.22	49733.91801	0.19874	0.20563	0.14001	0.13181	0.04805	0.04809	2.48E-03	4.13E-05	4.33E-05	4.72E-05	4.42E-05	5.80E-06	5.80E-06	2.6635E-03
607107.8	4200988.22	47684.9446	0.22993	0.2365	0.14767	0.13779	0.04746	0.04748	2.37E-03	4.77E-05	4.98E-05	4.97E-05	4.62E-05	5.73E-06	5.72E-06	2.5789E-03
607127.8	4200988.22	45748.60052	0.26906	0.27459	0.15572	0.14383	0.04687	0.04688	2.28E-03	5.59E-05	5.78E-05	5.24E-05	4.82E-05	5.66E-06	5.65E-06	2.5033E-03
607147.8	4200988.22	43917.61723	0.31888	0.32211	0.16403	0.14975	0.04628	0.04627	2.19E-03	6.62E-05	6.78E-05	5.52E-05	5.02E-05	5.59E-06	5.58E-06	2.4371E-03
607167.8	4200988.22	42185.16499	0.38342	0.38214	0.17231	0.15534	0.04569	0.04566	2.10E-03	7.96E-05	8.04E-05	5.80E-05	5.21E-05	5.52E-06	5.50E-06	2.3814E-03
607187.8	4200988.22	40544.9609	0.4687	0.45905	0.18019	0.16033	0.04511	0.04506	2.02E-03	9.73E-05	9.66E-05	6.07E-05	5.38E-05	5.45E-06	5.43E-06	2.3378E-03
607207.8	4200988.22	38993.32682	0.58356	0.55906	0.18702	0.16431	0.04452	0.04445	1.94E-03	1.21E-04	1.18E-04	6.30E-05	5.51E-05	5.38E-06	5.36E-06	2.3089E-03
606527.8	4201008.22	277767.951	0.02482	0.02572	0.05169	0.05167	0.06202	0.06334	1.38E-02	5.15E-06	5.41E-06	1.74E-05	1.73E-05	7.49E-06	7.63E-06	1.3889E-02
606547.8	4201008.22	256239.1137	0.02578	0.02674	0.05305	0.05301	0.06202	0.06325	1.28E-02	5.35E-06	5.63E-06	1.79E-05	1.78E-05	7.49E-06	7.62E-06	1.2819E-02
606567.8	4201008.22	233278.3216	0.02688	0.0279	0.0545	0.05444	0.06194	0.0631	1.16E-02	5.58E-06	5.87E-06	1.84E-05	1.83E-05	7.48E-06	7.60E-06	1.1677E-02
606587.8	4201008.22	213362.1172	0.02801	0.0291	0.05603	0.05587	0.06182	0.06291	1.06E-02	5.82E-06	6.12E-06	1.89E-05	1.87E-05	7.46E-06	7.58E-06	1.0687E-02
606607.8	4201008.22	196241.1401	0.02923	0.03039	0.05759	0.05733	0.06165	0.06267	9.77E-03	6.07E-06	6.39E-06	1.94E-05	1.92E-05	7.44E-06	7.55E-06	9.8361E-03
606627.8	4201008.22	181611.0144	0.03046	0.0317	0.05932	0.05919	0.06145	0.0624	9.04E-03	6.33E-06	6.67E-06	2.00E-05	1.99E-05	7.42E-06	7.52E-06	9.1094E-03
606647.8	4201008.22	168773.8313	0.03174	0.03308	0.06108	0.06091	0.06121	0.06209	8.40E-03	6.59E-06	6.96E-06	2.06E-05	2.04E-05	7.39E-06	7.48E-06	8.4719E-03
606667.8	4201008.22	157172.792	0.03319	0.03462	0.06295	0.06274	0.06092	0.06173	7.82E-03	6.89E-06	7.28E-06	2.12E-05	2.10E-05	7.36E-06	7.44E-06	7.8962E-03
606687.8	4201008.22	146949.7501	0.03463	0.03617	0.06487	0.06462	0.0606	0.06136	7.32E-03	7.19E-06	7.61E-06	2.18E-05	2.17E-05	7.32E-06	7.40E-06	7.3890E-03
606827.8	4201008.22	95760.93592	0.05142	0.05409	0.08241	0.08162	0.0574	0.0578	4.77E-03	1.07E-05	1.14E-05	2.78E-05	2.74E-05	6.93E-06	6.97E-06	4.8586E-03
606847.8	4201008.22	90619.50105	0.05504	0.05794	0.08561	0.08453	0.05685	0.05721	4.51E-03	1.14E-05	1.22E-05	2.88E-05	2.84E-05	6.86E-06	6.89E-06	4.6061E-03
606867.8	4201008.22	85838.77625	0.05931	0.06201	0.08794	0.08697	0.05628	0.0566	4.27E-03	1.23E-05	1.30E-05	2.96E-05	2.92E-05	6.80E-06	6.82E-06	4.3713E-03
606887.8	4201008.22	81419.91321	0.06411	0.06726	0.09157	0.09044	0.0557	0.05598	4.05E-03	1.33E-05	1.41E-05	3.08E-05	3.03E-05	6.73E-06	6.75E-06	4.1556E-03
606907.8	4201008.22	77314.90958	0.06953	0.07299	0.09548	0.09413	0.0551	0.05535	3.85E-03	1.44E-05	1.54E-05	3.22E-05	3.16E-05	6.65E-06	6.67E-06	3.9560E-03
606927.8	4201008.22	73489.49003	0.07547	0.07938	0.09979	0.09821	0.0545	0.05471	3.66E-03	1.57E-05	1.67E-05	3.36E-05	3.29E-05	6.58E-06	6.59E-06	3.7708E-03
606947.8	4201008.22	69918.83217	0.08224	0.08656	0.10451	0.10267	0.05389	0.05406	3.48E-03	1.71E-05	1.82E-05	3.52E-05	3.44E-05	6.51E-06	6.52E-06	3.5989E-03
606967.8	4201008.22	66581.24574	0.09001	0.09483	0.10971	0.10752	0.05327	0.05341	3.31E-03	1.87E-05	1.99E-05	3.69E-05	3.61E-05	6.43E-06	6.44E-06	3.4393E-03
606987.8	4201008.22	63457.39974	0.09908	0.10443	0.11543	0.11282	0.05264	0.05275	3.16E-03	2.06E-05	2.20E-05	3.89E-05	3.78E-05	6.36E-06	6.36E-06	3.2912E-03
607007.8	4201008.22	60530.15223	0.1097	0.11571	0.12178	0.11862	0.05201	0.05209	3.01E-03	2.28E-05	2.43E-05	4.10E-05	3.98E-05	6.28E-06	6.28E-06	3.1540E-03
607027.8	4201008.22	57775.26653	0.12244	0.1291	0.12883	0.12497	0.05136	0.05142	2.88E-03	2.54E-05	2.72E-05	4.34E-05	4.19E-05	6.20E-06	6.20E-06	3.0267E-03
607047.8	4201008.22	55196.46306	0.1375	0.14491	0.1365	0.13178	0.05072	0.05076	2.75E-03	2.86E-05	3.05E-05	4.60E-05	4.42E-05	6.12E-06	6.12E-06	2.9094E-03
607067.8	4201008.22	52773.48878	0.15571	0.16395	0.14498	0.13918	0.05007	0.05009	2.63E-03	3.23E-05	3.45E-05	4.88E-05	4.67E-05	6.05E-06	6.04E-06	2.8018E-03
607087.8	4201008.22	50494.04669	0.17811	0.18724	0.15438	0.14718	0.04943	0.04942	2.51E-03	3.70E-05	3.94E-05	5.20E-05	4.94E-05	5.97E-06	5.96E-06	2.7035E-03
607107.8	4201008.22	48347.76374	0.20605	0.21588	0.16481	0.15585	0.04878	0.04876	2.41E-03	4.28E-05	4.54E-05	5.55E-05	5.23E-05	5.89E-06	5.88E-06	2.6148E-03
607127.8	4201008.22	46325.27347	0.24143	0.25171	0.17637	0.16515	0.04813	0.04809	2.31E-03	5.01E-05	5.30E-05	5.94E-05	5.54E-05	5.81E-06	5.80E-06	2.5358E-03
607147.8	4201008.22	44418.02553	0.28712	0.29719	0.18915	0.17502	0.04749	0.04743	2.21E-03	5.96E-05	6.25E-05	6.37E-05	5.87E-05	5.73E-06	5.72E-06	2.4674E-03
607167.8	4201008.22	42618.05725	0.34743	0.35588	0.2031	0.1853	0.04684	0.04677	2.12E-03	7.21E-05	7.49E-05	6.84E-05	6.22E-05	5.66E-06	5.64E-06	2.4106E-03
607187.8	4201008.22	40918.10695	0.42902	0.4329	0.21804	0.1957	0.0462	0.04611	2.04E-03	8.91E-05	9.11E-05	7.34E-05	6.56E-05	5.58E-06	5.56E-06	2.3675E-03
607207.8	4201008.22	39316.70218	0.54124	0.53497	0.2331	0.20543	0.04557	0.04546	1.96E-03	1.12E-04	1.13E-04	7.85E-05	6.89E-05	5.50E-06	5.48E-06	2.3407E-03
606787.8	4201028.22	112502.0795	0.04154	0.04362	0.07875	0.07845	0.06111	0.06153	5.60E-03	8.63E-06	9.18E-06	2.65E-05	2.63E-05	7.38E-06	7.42E-06	5.6864E-03
606807.8	4201028.22	105782.2065	0.04413	0.0464	0.08179	0.08142	0.06048	0.06087	5.27E-03	9.16E-06	9.76E-06	2.75E-05	2.73E-05	7.30E-06	7.34E-06	5.3548E-03
606827.8	4201028.22	99612.01016	0.04706	0.04954	0.08506	0.08462	0.05984	0.06018	4.96E-03	9.77E-06	1.04E-05	2.86E-05	2.84E-05	7.23E-06	7.25E-06	5.0509E-03
606847.8	4201028.22	93973.34368	0.05027	0.05298	0.08855	0.08784	0.05919	0.05948	4.68E-03	1.04E-05	1.11E-05	2.98E-05	2.95E-05	7.15E-06	7.17E-06	4.7737E-03
606867.8	4201028.22	88765.5092	0.05422	0.05681	0.09117	0.0906	0.05852	0.05877	4.42E-03	1.13E-05	1.20E-05	3.07E-05	3.04E-05	7.07E-06	7.08E-06	4.5177E-03
606887.8	4201028.22	83970.69697	0.05857	0.06157	0.09517	0.09448	0.05784	0.05806	4.18E-03	1.22E-05	1.30E-05	3.21E-05	3.17E-05	6.98E-06	7.00E-06	4.2834E-03
606907.8	4201028.22	79541.90893	0.06336	0.06667	0.09948	0.09862	0.05716	0.05734	3.96E-03	1.32E-05	1.40E-05	3.35E-05	3.31E-05	6.90E-06	6.91E-06	4.0676E-03
606927.8	4201028.22	75433.57891	0.06858	0.07235	0.10423	0.10321	0.05647	0.05661	3.76E-03	1.42E-05	1.52E-05	3.51E-05	3.46E-05	6.82E-06	6.82E-06	3.8683E-03
606947.8	4201028.22	71615.1711	0.0745	0.0787	0.10946	0.10824	0.05577	0.05588	3.57E-03	1.55E-05	1.66E-05	3.69E-05	3.63E-05	6.73E-06	6.73E-06	3.6841E-03
606967.8	4201028.22	68060.36359	0.08127	0.08601	0.11525	0.11377	0.05506	0.05515	3.39E-03	1.69E-05	1.81E-05	3.88E-05	3.82E-05	6.65E-06	6.65E-06	3.5137E-03
606987.8	4201028.22	64744.75071	0.08917	0.09449	0.12169	0.1199	0.05435	0.05441	3.22E-03	1.85E-05	1.99E-05	4.10E-05	4.02E-05	6.56E-06	6.56E-06	3.3561E-03
607007.8	4201028.22	61654.55836	0.0983	0.10438	0.12886	0.12664	0.05365	0.05368	3.07E-03	2.04E-05	2.20E-05	4.34E-05	4.25E-05	6.48E-06	6.47E-06	3.2107E-03
607027.8	4201028.22	58757.28481	0.10926	0.1161	0.13693	0.13417	0.05293	0.05294	2.93E-03	2.27E-05	2.44E-05	4.61E-05	4.50E-05	6.39E-06	6.38E-06	3.0763E-03
607047.8	4201028.22	56047.48389	0.12223	0.13001	0.14594	0.1425	0.05222	0.0522	2.79E-03	2.54E-05	2.74E-05	4.92E-05	4.78E-05	6.31E-06	6.29E-06	2.9526E-03
607067.8	4201028.22	53506.88398	0.13795	0.14688	0.15612	0.15178	0.0515	0.05146	2.66E-03	2.86E-05	3.09E-05	5.26E-05	5.09E-05	6.22E-06	6.20E-06	2.8393E-03
607087.8	4201028.22	51127.10511	0.15717	0.16748	0.16761	0.16209	0.05079	0.05073	2.55E-03	3.26E-05	3.52E-05	5.64E-05	5.44E-05	6.13E-06	6.11E-06	2.7363E-03
607107.8	4201028.22	48892.54301	0.18119	0.19296	0.18075	0.17365	0.05008	0.05	2.43E-03	3.76E-05	4.06E-05	6.09E-05	5.82E-05	6.05E-06	6.03E-06	2.6436E-03
607127.8	4201028.22	46792.39048	0.21169	0.22513	0.19587	0.18665	0.04937	0.04928	2.33E-03	4.40E-05	4.74E-05	6.60E-05	6.26E-05	5.96E-06	5.94E-06	2.5614E-03
607147.8	4201028.22	44815.49606	0.25144	0.2666	0.21345	0.20132	0.04866	0.04855	2.23E-03	5.22E-05	5.61E-05	7.19E-05	6.75E-05	5.88E-06	5.85E-06	2.4906E-03
607167.8	4201028.22	42957.35371	0.3042	0.32085	0.23387	0.2177	0.04796	0.04784	2.14E-03	6.32E-05	6.75E-05	7.88E-05	7.30E-05	5.79E-06	5.77E-06	2.4327E-03
607187.8	4201028.22	41207.90842	0.3765	0.39358	0.2577	0.2359	0.04727	0.04713	2.05E-03	7.82E-05	8.28E-05	8.68E-05	7.91E-05	5.71E-06	5.68E-06	2.3898E-03
606727.8	4201048.22	144434.0394	0.03259	0.03403	0.07215	0.07224	0.06589	0.0664	7.19E-03	6.77E-06	7.16E-06	2.43E-05	2.42E-05	7.96E-06	8.00E-06	7.2691E-03
606747.8	4201048.22	134367.8841	0.03428	0.03584	0.07478	0.07484	0.06521	0.06567	6.69E-03	7.12E-06	7.54E-06	2.52E-05	2.51E-05	7.87E-06	7.91E-06	6.7703E-03
606767.8	4201048.22	125302.784	0.03621	0.03791	0.07763	0.07765	0.0645	0.06491	6.24E-03	7.52E-06	7.98E-06	2.61E-05	2.60E-05	7.79E-06	7.82E-06	6.3216E-03
606787.8	4201048.22	117200.3527	0.03825	0.0401	0.08062	0.08061	0.06378	0.06414	5.83E-03	7.94E-06	8.44E-06	2.72E-05	2.70E-05	7.70E-06	7.73E-06	5.9209E-03
606807.8	4201048.22	109818.3421	0.04059	0.0426	0.08386	0.08382	0.06304	0.06335	5.47E-03	8.43E-06	8.96E-06	2.82E-05	2.81E-05	7.61E-06	7.63E-06	5.5564E-03
606827.8	4201048.22	103120.5608	0.04314	0.04534	0.08733	0.08725	0.06229	0.06256	5.13E-03	8.96E-06	9.54E-06	2.94E-05	2.93E-05	7.52E-06	7.54E-06	5.2262E-03
606847.8	4201048.22	96982.18144	0.04605	0.04846	0.09104	0.09061	0.06153	0.06175	4.83E-03	9.56E-06	1.02E-05	3.07E-05	3.04E-05	7.43E-06	7.44E-06	4.9240E-03
606867.8	4201048.22	91385.55215	0.04972	0.05201	0.09403	0.09386	0.06076	0.06094	4.55E-03	1.03E-05	1.09E-05	3.17E-05	3.15E-05	7.34E-06	7.34E-06	4.6488E-03
606887.8	4201048.22	86236.06136	0.05359	0.0563	0.09835	0.09812	0.05998	0.06013	4.29E-03	1.11E-05	1.18E-05	3.31E-05	3.29E-05	7.24E-06	7.25E-06	4.3968E-03
606907.8	4201048.22	81512.3386	0.05766	0.06074	0.10302	0.10268	0.0592	0.05932	4.06E-03	1.20E-05	1.28E-05	3.47E-05	3.44E-05	7.15E-06	7.15E-06	4.1663E-03
606927.8	4201048.22	77137.33996	0.06228	0.06574	0.10815	0.10771	0.05842	0.0585	3.84E-03	1.29E-05	1.38E-05	3.64E-05	3.61E-05	7.05E-06	7.05E-06	3.9537E-03
606947.8	4201048.22	73088.30092	0.06745	0.0713	0.11383	0.11327	0.05763	0.05768	3.64E-03	1.40E-05	1.50E-05	3.83E-05	3.80E-05	6.96E-06	6.95E-06	3.7580E-03
606967.8	4201048.22	69340.29165	0.07325	0.07758	0.12009	0.11939	0.05684	0.05687	3.45E-03	1.52E-05	1.63E-05	4.04E-05	4.00E-05	6.86E-06	6.85E-06	3.5779E-03
606987.8	4201048.22	65849.53203	0.07999	0.08495	0.12712	0.12623	0.05605	0.05605	3.28E-03	1.66E-05	1.79E-05	4.28E-05	4.23E-05	6.77E-06	6.76E-06	3.4115E-03
607007.8	4201048.22	62602.05527	0.08785	0.09355	0.13503	0.13389	0.05526	0.05523	3.12E-03	1.82E-05	1.97E-05	4.55E-05	4.49E-05	6.67E-06	6.66E-06	3.2583E-03
607027.8	4201048.22	59570.17241	0.09716	0.10362	0.14402	0.14252	0.05447	0.05442	2.97E-03	2.02E-05	2.18E-05	4.85E-05	4.78E-05	6.58E-06	6.56E-06	3.1172E-03
607047.8	4201048.22	56742.00597	0.10813	0.11558	0.15418	0.15224	0.05368	0.05361	2.82E-03	2.25E-05	2.43E-05	5.19E-05	5.11E-05	6.48E-06	6.46E-06	2.9876E-03
607067.8	4201048.22	54101.38951	0.12127	0.12996	0.16575	0.16322	0.0529	0.05281	2.69E-03	2.52E-05	2.73E-05	5.58E-05	5.47E-05	6.39E-06	6.36E-06	2.8693E-03
607087.8	4201048.22	51630.34531	0.13734	0.14756	0.17907	0.17575	0.05212	0.05201	2.57E-03	2.85E-05	3.10E-05	6.03E-05	5.89E-05	6.29E-06	6.27E-06	2.7618E-03
607107.8	4201048.22	49317.56357	0.15725	0.16931	0.19455	0.19011	0.05134	0.05122	2.46E-03	3.27E-05	3.56E-05	6.55E-05	6.38E-05	6.20E-06	6.17E-06	2.6652E-03
607127.8	4201048.22	47149.07415	0.18242	0.1968	0.2128	0.2068	0.05057	0.05043	2.35E-03	3.79E-05	4.14E-05	7.17E-05	6.94E-05	6.11E-06	6.08E-06	2.5798E-03
607147.8	4201048.22	45113.72943	0.21508	0.23233	0.23461	0.22635	0.04981	0.04965	2.25E-03	4.47E-05	4.89E-05	7.90E-05	7.59E-05	6.01E-06	5.98E-06	2.5065E-03
607167.8	4201048.22	43198.45355	0.25891	0.27978	0.26126	0.24964	0.04905	0.04888	2.15E-03	5.38E-05	5.89E-05	8.80E-05	8.37E-05	5.92E-06	5.89E-06	2.4468E-03
607187.8	4201048.22	41403.22709	0.31862	0.34397	0.29406	0.2773	0.0483	0.04812	2.06E-03	6.62E-05	7.24E-05	9.90E-05	9.30E-05	5.83E-06	5.80E-06	2.4035E-03
606527.8	4201068.22	530833.5298	0.02042	0.02105	0.05361	0.0539	0.07547	0.07666	2.64E-02	4.24E-06	4.43E-06	1.81E-05	1.81E-05	9.11E-06	9.24E-06	2.6491E-02
606547.8	4201068.22	429946.4651	0.02117	0.02184	0.05513	0.05542	0.07501	0.0761	2.14E-02	4.40E-06	4.59E-06	1.86E-05	1.86E-05	9.06E-06	9.17E-06	2.1470E-02
606567.8	4201068.22	351363.5706	0.02198	0.0227	0.05675	0.05705	0.07449	0.07549	1.75E-02	4.56E-06	4.78E-06	1.91E-05	1.91E-05	8.99E-06	9.10E-06	1.7559E-02
606587.8	4201068.22	300763.3814	0.02281	0.02357	0.05843	0.05874	0.07391	0.07483	1.50E-02	4.74E-06	4.96E-06	1.97E-05	1.97E-05	8.92E-06	9.02E-06	1.5041E-02
606607.8	4201068.22	264510.5256	0.02367	0.02448	0.0602	0.06051	0.07331	0.07414	1.32E-02	4.92E-06	5.15E-06	2.03E-05	2.03E-05	8.85E-06	8.94E-06	1.3237E-02
606627.8	4201068.22	236447.8945	0.02456	0.02543	0.06206	0.06238	0.07266	0.07342	1.18E-02	5.10E-06	5.35E-06	2.09E-05	2.09E-05	8.77E-06	8.85E-06	1.1842E-02
606647.8	4201068.22	213285.0268	0.0256	0.02652	0.06408	0.06441	0.07197	0.07266	1.06E-02	5.32E-06	5.58E-06	2.16E-05	2.16E-05	8.69E-06	8.76E-06	1.0690E-02
606667.8	4201068.22	194198.3656	0.02662	0.02762	0.06618	0.0665	0.07126	0.07188	9.67E-03	5.53E-06	5.81E-06	2.23E-05	2.23E-05	8.60E-06	8.66E-06	9.7415E-03
606687.8	4201068.22	177767.5309	0.02778	0.02885	0.06844	0.06876	0.07052	0.07107	8.85E-03	5.77E-06	6.07E-06	2.30E-05	2.31E-05	8.52E-06	8.57E-06	8.9253E-03
606707.8	4201068.22	163611.6529	0.02899	0.03014	0.07081	0.07112	0.06976	0.07025	8.15E-03	6.02E-06	6.34E-06	2.38E-05	2.39E-05	8.42E-06	8.47E-06	8.2225E-03
606727.8	4201068.22	151138.0328	0.03036	0.0316	0.07337	0.07367	0.06896	0.0694	7.52E-03	6.30E-06	6.65E-06	2.47E-05	2.47E-05	8.33E-06	8.36E-06	7.6036E-03
606747.8	4201068.22	140053.3296	0.03191	0.03325	0.07613	0.07642	0.06815	0.06853	6.97E-03	6.63E-06	6.99E-06	2.56E-05	2.56E-05	8.23E-06	8.26E-06	7.0540E-03
606767.8	4201068.22	130212.4463	0.03359	0.03504	0.07907	0.07935	0.06732	0.06764	6.48E-03	6.98E-06	7.37E-06	2.66E-05	2.66E-05	8.13E-06	8.15E-06	6.5666E-03
606787.8	4201068.22	121403.621	0.03542	0.03699	0.0822	0.08247	0.06647	0.06675	6.04E-03	7.36E-06	7.78E-06	2.77E-05	2.77E-05	8.03E-06	8.04E-06	6.1307E-03
606807.8	4201068.22	113412.592	0.03752	0.03924	0.08563	0.08589	0.06561	0.06584	5.65E-03	7.79E-06	8.25E-06	2.88E-05	2.88E-05	7.92E-06	7.93E-06	5.7359E-03
606827.8	4201068.22	106198.9826	0.03981	0.04169	0.08929	0.08955	0.06474	0.06493	5.29E-03	8.27E-06	8.77E-06	3.01E-05	3.00E-05	7.82E-06	7.83E-06	5.3800E-03
606847.8	4201068.22	99650.55016	0.04232	0.04438	0.09324	0.09333	0.06387	0.06402	4.96E-03	8.79E-06	9.34E-06	3.14E-05	3.13E-05	7.71E-06	7.72E-06	5.0574E-03
606867.8	4201068.22	93673.00958	0.04569	0.04749	0.09655	0.09675	0.06299	0.0631	4.66E-03	9.49E-06	9.99E-06	3.25E-05	3.25E-05	7.61E-06	7.60E-06	4.7632E-03
606887.8	4201068.22	88213.1994	0.04902	0.05137	0.10107	0.10128	0.06211	0.06219	4.39E-03	1.02E-05	1.08E-05	3.40E-05	3.40E-05	7.50E-06	7.50E-06	4.4957E-03
606907.8	4201068.22	83200.92066	0.05266	0.05531	0.10607	0.10626	0.06123	0.06128	4.14E-03	1.09E-05	1.16E-05	3.57E-05	3.56E-05	7.39E-06	7.39E-06	4.2509E-03
606927.8	4201068.22	78584.47405	0.05674	0.05978	0.11152	0.11166	0.06035	0.06036	3.91E-03	1.18E-05	1.26E-05	3.76E-05	3.75E-05	7.29E-06	7.27E-06	4.0263E-03
606947.8	4201068.22	74326.1211	0.06122	0.06457	0.11757	0.11768	0.05947	0.05946	3.70E-03	1.27E-05	1.36E-05	3.96E-05	3.95E-05	7.18E-06	7.17E-06	3.8201E-03
606967.8	4201068.22	70390.02413	0.06628	0.07005	0.12431	0.12437	0.0586	0.05855	3.50E-03	1.38E-05	1.47E-05	4.19E-05	4.17E-05	7.08E-06	7.06E-06	3.6306E-03
606987.8	4201068.22	66741.20427	0.07207	0.07637	0.13183	0.13184	0.05772	0.05765	3.32E-03	1.50E-05	1.61E-05	4.44E-05	4.42E-05	6.97E-06	6.95E-06	3.4563E-03
607007.8	4201068.22	63362.05576	0.07868	0.0836	0.14027	0.1402	0.05685	0.05676	3.15E-03	1.63E-05	1.76E-05	4.72E-05	4.70E-05	6.86E-06	6.84E-06	3.2964E-03
607027.8	4201068.22	60215.92756	0.08646	0.09213	0.14991	0.14973	0.05599	0.05587	3.00E-03	1.80E-05	1.94E-05	5.05E-05	5.02E-05	6.76E-06	6.73E-06	3.1494E-03
607047.8	4201068.22	57280.06993	0.09573	0.10227	0.16101	0.16066	0.05512	0.05499	2.85E-03	1.99E-05	2.15E-05	5.42E-05	5.39E-05	6.66E-06	6.63E-06	3.0145E-03
607067.8	4201068.22	54547.92034	0.10669	0.11432	0.17373	0.17314	0.05426	0.05411	2.72E-03	2.22E-05	2.40E-05	5.85E-05	5.81E-05	6.55E-06	6.52E-06	2.8916E-03
607087.8	4201068.22	51998.28657	0.11991	0.12893	0.18848	0.18757	0.05342	0.05325	2.59E-03	2.49E-05	2.71E-05	6.35E-05	6.29E-05	6.45E-06	6.42E-06	2.7800E-03
607107.8	4201068.22	49613.74451	0.1363	0.14706	0.20589	0.2045	0.05257	0.05239	2.47E-03	2.83E-05	3.09E-05	6.93E-05	6.86E-05	6.35E-06	6.31E-06	2.6799E-03
607127.8	4201068.22	47386.65325	0.15665	0.16965	0.22655	0.22446	0.05174	0.05154	2.36E-03	3.25E-05	3.57E-05	7.63E-05	7.53E-05	6.25E-06	6.21E-06	2.5914E-03
607147.8	4201068.22	45301.3717	0.18269	0.19866	0.25159	0.24843	0.05092	0.05071	2.26E-03	3.79E-05	4.18E-05	8.47E-05	8.33E-05	6.15E-06	6.11E-06	2.5154E-03
607167.8	4201068.22	43346.05729	0.21689	0.23697	0.28266	0.27779	0.0501	0.04988	2.16E-03	4.50E-05	4.99E-05	9.52E-05	9.32E-05	6.05E-06	6.01E-06	2.4533E-03
607187.8	4201068.22	41510.53146	0.26331	0.28924	0.32227	0.31453	0.0493	0.04907	2.07E-03	5.47E-05	6.08E-05	1.09E-04	1.05E-04	5.95E-06	5.91E-06	2.4081E-03
607207.8	4201068.22	39785.73014	0.3289	0.36351	0.37448	0.36178	0.04851	0.04827	1.98E-03	6.83E-05	7.65E-05	1.26E-04	1.21E-04	5.86E-06	5.82E-06	2.3847E-03
607227.8	4201068.22	38163.46122	0.42656	0.47459	0.44631	0.42462	0.04773	0.04748	1.90E-03	8.86E-05	9.98E-05	1.50E-04	1.42E-04	5.76E-06	5.72E-06	2.3926E-03
607247.8	4201068.22	36636.01359	0.58325	0.65243	0.55114	0.51185	0.04695	0.0467	1.82E-03	1.21E-04	1.37E-04	1.86E-04	1.72E-04	5.67E-06	5.63E-06	2.4509E-03
607267.8	4201068.22	35196.50107	0.86426	0.96507	0.7168	0.63975	0.0462	0.04594	1.75E-03	1.79E-04	2.03E-04	2.41E-04	2.15E-04	5.58E-06	5.54E-06	2.6019E-03
607287.8	4201068.22	33838.58958	1.45809	1.58626	1.00645	0.83985	0.04545	0.04518	1.68E-03	3.03E-04	3.34E-04	3.39E-04	2.82E-04	5.49E-06	5.45E-06	2.9528E-03
607307.8	4201068.22	32556.52752	3.00598	2.96884	1.53752	1.15462	0.04471	0.04444	1.62E-03	6.24E-04	6.25E-04	5.18E-04	3.87E-04	5.40E-06	5.36E-06	3.7855E-03
606527.8	4201088.22	572039.6666	0.01928	0.01983	0.05404	0.05441	0.08031	0.08142	2.85E-02	4.00E-06	4.17E-06	1.82E-05	1.82E-05	9.70E-06	9.81E-06	2.8543E-02
606547.8	4201088.22	464393.627	0.01998	0.02056	0.0556	0.05598	0.07965	0.08065	2.31E-02	4.15E-06	4.33E-06	1.87E-05	1.88E-05	9.62E-06	9.72E-06	2.3185E-02
606567.8	4201088.22	379268.6773	0.02069	0.02131	0.05723	0.05762	0.07893	0.07985	1.89E-02	4.30E-06	4.48E-06	1.93E-05	1.93E-05	9.53E-06	9.62E-06	1.8949E-02
606587.8	4201088.22	323029.052	0.02146	0.02212	0.05896	0.05938	0.07817	0.079	1.61E-02	4.46E-06	4.65E-06	1.99E-05	1.99E-05	9.44E-06	9.52E-06	1.6150E-02
606607.8	4201088.22	282624.1615	0.02224	0.02293	0.06076	0.06119	0.07738	0.07813	1.41E-02	4.62E-06	4.82E-06	2.05E-05	2.05E-05	9.34E-06	9.42E-06	1.4140E-02
606627.8	4201088.22	251010.8581	0.0231	0.02384	0.0627	0.06315	0.07656	0.07722	1.25E-02	4.80E-06	5.02E-06	2.11E-05	2.12E-05	9.24E-06	9.31E-06	1.2567E-02
606647.8	4201088.22	225536.8819	0.024	0.02479	0.06475	0.06521	0.0757	0.07629	1.12E-02	4.98E-06	5.22E-06	2.18E-05	2.19E-05	9.14E-06	9.19E-06	1.1301E-02
606667.8	4201088.22	204267.33	0.02498	0.02582	0.06693	0.0674	0.07483	0.07535	1.02E-02	5.19E-06	5.43E-06	2.25E-05	2.26E-05	9.04E-06	9.08E-06	1.0243E-02
606687.8	4201088.22	186167.0725	0.02605	0.02696	0.06928	0.06976	0.07393	0.07439	9.27E-03	5.41E-06	5.67E-06	2.33E-05	2.34E-05	8.93E-06	8.97E-06	9.3441E-03
606707.8	4201088.22	170607.6827	0.02721	0.02818	0.07176	0.07225	0.073	0.0734	8.49E-03	5.65E-06	5.93E-06	2.42E-05	2.42E-05	8.81E-06	8.85E-06	8.5714E-03
606727.8	4201088.22	157075.1416	0.02844	0.02949	0.0744	0.07489	0.07207	0.07241	7.82E-03	5.91E-06	6.20E-06	2.51E-05	2.51E-05	8.70E-06	8.73E-06	7.8998E-03
606747.8	4201088.22	145078.3664	0.02987	0.03099	0.07727	0.07777	0.0711	0.07139	7.22E-03	6.20E-06	6.52E-06	2.60E-05	2.61E-05	8.59E-06	8.60E-06	7.3048E-03
606767.8	4201088.22	134481.7196	0.03139	0.03261	0.08032	0.08082	0.07013	0.07037	6.70E-03	6.52E-06	6.86E-06	2.71E-05	2.71E-05	8.47E-06	8.48E-06	6.7797E-03
606787.8	4201088.22	125025.7634	0.03305	0.03437	0.08358	0.0841	0.06916	0.06935	6.22E-03	6.86E-06	7.23E-06	2.81E-05	2.82E-05	8.35E-06	8.36E-06	6.3116E-03
606807.8	4201088.22	116522.8335	0.0349	0.03634	0.08711	0.08764	0.06817	0.06832	5.80E-03	7.25E-06	7.64E-06	2.93E-05	2.94E-05	8.23E-06	8.23E-06	5.8912E-03
606827.8	4201088.22	108852.51	0.03694	0.0385	0.09092	0.09148	0.06718	0.06729	5.42E-03	7.67E-06	8.10E-06	3.06E-05	3.07E-05	8.11E-06	8.11E-06	5.5126E-03
606847.8	4201088.22	101920.131	0.03915	0.04085	0.09502	0.09558	0.0662	0.06626	5.07E-03	8.13E-06	8.59E-06	3.20E-05	3.21E-05	7.99E-06	7.99E-06	5.1709E-03
606867.8	4201088.22	95598.3288	0.04216	0.04359	0.09895	0.09926	0.06521	0.06523	4.76E-03	8.75E-06	9.17E-06	3.33E-05	3.33E-05	7.87E-06	7.86E-06	4.8597E-03
606887.8	4201088.22	89851.57984	0.04513	0.0471	0.10343	0.10403	0.06422	0.06422	4.47E-03	9.37E-06	9.91E-06	3.48E-05	3.49E-05	7.75E-06	7.74E-06	4.5778E-03
606907.8	4201088.22	84590.28953	0.04833	0.05051	0.10863	0.1093	0.06324	0.0632	4.21E-03	1.00E-05	1.06E-05	3.66E-05	3.67E-05	7.64E-06	7.62E-06	4.3205E-03
606927.8	4201088.22	79756.03135	0.05199	0.05446	0.11438	0.11506	0.06226	0.06219	3.97E-03	1.08E-05	1.15E-05	3.85E-05	3.86E-05	7.52E-06	7.50E-06	4.0851E-03
606947.8	4201088.22	75310.21302	0.05592	0.05873	0.12077	0.12149	0.06129	0.06119	3.75E-03	1.16E-05	1.24E-05	4.07E-05	4.07E-05	7.40E-06	7.37E-06	3.8695E-03
606967.8	4201088.22	71210.08104	0.06034	0.06349	0.12785	0.12863	0.06032	0.0602	3.55E-03	1.25E-05	1.34E-05	4.31E-05	4.31E-05	7.28E-06	7.26E-06	3.6719E-03
606987.8	4201088.22	67422.64601	0.06534	0.06891	0.13579	0.13663	0.05935	0.05922	3.36E-03	1.36E-05	1.45E-05	4.57E-05	4.58E-05	7.17E-06	7.14E-06	3.4906E-03
607007.8	4201088.22	63918.72776	0.07109	0.07513	0.14473	0.14565	0.0584	0.05824	3.18E-03	1.48E-05	1.58E-05	4.87E-05	4.89E-05	7.05E-06	7.02E-06	3.3245E-03
607027.8	4201088.22	60671.58929	0.07769	0.08233	0.1549	0.15591	0.05746	0.05728	3.02E-03	1.61E-05	1.73E-05	5.22E-05	5.23E-05	6.94E-06	6.90E-06	3.1723E-03
607047.8	4201088.22	57652.7147	0.08548	0.09076	0.16663	0.16773	0.05652	0.05632	2.87E-03	1.78E-05	1.91E-05	5.61E-05	5.63E-05	6.82E-06	6.79E-06	3.0331E-03
607067.8	4201088.22	54847.55833	0.09459	0.10071	0.18014	0.18136	0.05559	0.05538	2.73E-03	1.96E-05	2.12E-05	6.07E-05	6.08E-05	6.71E-06	6.67E-06	2.9063E-03
607087.8	4201088.22	52226.46936	0.10569	0.11287	0.19606	0.19743	0.05467	0.05444	2.60E-03	2.19E-05	2.37E-05	6.60E-05	6.62E-05	6.60E-06	6.56E-06	2.7912E-03
607107.8	4201088.22	49789.01928	0.11905	0.12758	0.21472	0.21625	0.05376	0.05352	2.48E-03	2.47E-05	2.68E-05	7.23E-05	7.25E-05	6.49E-06	6.45E-06	2.6881E-03
607127.8	4201088.22	47510.4985	0.1357	0.14591	0.23717	0.23891	0.05287	0.05262	2.37E-03	2.82E-05	3.07E-05	7.99E-05	8.01E-05	6.38E-06	6.34E-06	2.5969E-03
607147.8	4201088.22	45385.15424	0.15643	0.1689	0.26433	0.26635	0.05198	0.05172	2.26E-03	3.25E-05	3.55E-05	8.90E-05	8.93E-05	6.28E-06	6.23E-06	2.5184E-03
607167.8	4201088.22	43395.77565	0.18307	0.19873	0.29823	0.30052	0.05111	0.05085	2.16E-03	3.80E-05	4.18E-05	1.00E-04	1.01E-04	6.17E-06	6.13E-06	2.4538E-03
607187.8	4201088.22	41531.32301	0.21821	0.23855	0.34172	0.34424	0.05026	0.04998	2.07E-03	4.53E-05	5.02E-05	1.15E-04	1.15E-04	6.07E-06	6.02E-06	2.4058E-03
607207.8	4201088.22	39782.03753	0.2661	0.2937	0.39951	0.40207	0.04941	0.04913	1.98E-03	5.53E-05	6.18E-05	1.35E-04	1.35E-04	5.97E-06	5.92E-06	2.3789E-03
607227.8	4201088.22	38139.05752	0.33423	0.3738	0.47986	0.48202	0.04858	0.04829	1.90E-03	6.94E-05	7.86E-05	1.62E-04	1.62E-04	5.87E-06	5.82E-06	2.3818E-03
607247.8	4201088.22	36594.30598	0.43751	0.4984	0.59894	0.59935	0.04777	0.04747	1.82E-03	9.09E-05	1.05E-04	2.02E-04	2.01E-04	5.77E-06	5.72E-06	2.4318E-03
607267.8	4201088.22	35140.38765	0.61001	0.7135	0.79269	0.78713	0.04696	0.04666	1.75E-03	1.27E-04	1.50E-04	2.67E-04	2.64E-04	5.67E-06	5.62E-06	2.5685E-03
607287.8	4201088.22	33770.55465	0.94341	1.15085	1.15797	1.12953	0.04617	0.04587	1.68E-03	1.96E-04	2.42E-04	3.90E-04	3.79E-04	5.58E-06	5.53E-06	2.8993E-03
607307.8	4201088.22	32478.68813	1.71503	2.29712	2.03513	1.88382	0.0454	0.04509	1.62E-03	3.56E-04	4.83E-04	6.85E-04	6.32E-04	5.48E-06	5.43E-06	3.7845E-03
606527.8	4201108.22	600591.2841	0.01831	0.01878	0.05442	0.05485	0.08529	0.0863	2.99E-02	3.80E-06	3.95E-06	1.83E-05	1.84E-05	1.03E-05	1.04E-05	2.9966E-02
606547.8	4201108.22	490195.319	0.01892	0.01942	0.05597	0.05642	0.08441	0.08531	2.44E-02	3.93E-06	4.09E-06	1.89E-05	1.89E-05	1.02E-05	1.03E-05	2.4471E-02
606567.8	4201108.22	401109.503	0.01959	0.02012	0.05763	0.05811	0.08349	0.0843	2.00E-02	4.07E-06	4.23E-06	1.94E-05	1.95E-05	1.01E-05	1.02E-05	2.0037E-02
606587.8	4201108.22	341491.9018	0.02029	0.02085	0.05938	0.05988	0.08254	0.08325	1.70E-02	4.21E-06	4.39E-06	2.00E-05	2.01E-05	9.97E-06	1.00E-05	1.7070E-02
606607.8	4201108.22	297562.2013	0.02105	0.02164	0.06126	0.06179	0.08154	0.08218	1.48E-02	4.37E-06	4.55E-06	2.06E-05	2.07E-05	9.85E-06	9.90E-06	1.4884E-02
606627.8	4201108.22	263406.1657	0.02185	0.02248	0.06324	0.0638	0.08052	0.08108	1.31E-02	4.54E-06	4.73E-06	2.13E-05	2.14E-05	9.72E-06	9.77E-06	1.3185E-02
606647.8	4201108.22	235901.2877	0.02267	0.02334	0.06533	0.06591	0.07948	0.07997	1.17E-02	4.71E-06	4.91E-06	2.20E-05	2.21E-05	9.60E-06	9.64E-06	1.1817E-02

606667.8	4201108.22	212912.9897	0.02358	0.0243	0.06757	0.06817	0.07842	0.07884	1.06E-02	4.90E-06	5.11E-06	2.28E-05	2.29E-05	9.47E-06	9.50E-06	1.0675E-02
606687.8	4201108.22	193454.7136	0.02456	0.02532	0.06997	0.07059	0.07734	0.0777	9.63E-03	5.10E-06	5.33E-06	2.36E-05	2.37E-05	9.34E-06	9.36E-06	9.7076E-03
606707.8	4201108.22	176683.5886	0.02565	0.02647	0.07255	0.07319	0.07627	0.07657	8.80E-03	5.33E-06	5.57E-06	2.44E-05	2.45E-05	9.21E-06	9.23E-06	8.8746E-03
606727.8	4201108.22	162185.1711	0.0268	0.02767	0.07527	0.07593	0.07517	0.07541	8.07E-03	5.57E-06	5.82E-06	2.54E-05	2.55E-05	9.08E-06	9.09E-06	8.1549E-03
606747.8	4201108.22	149429.7389	0.02807	0.02901	0.0782	0.07887	0.07406	0.07425	7.44E-03	5.83E-06	6.10E-06	2.63E-05	2.65E-05	8.94E-06	8.95E-06	7.5221E-03
606767.8	4201108.22	138111.3083	0.0295	0.03052	0.08137	0.08207	0.07295	0.07309	6.88E-03	6.13E-06	6.42E-06	2.74E-05	2.75E-05	8.81E-06	8.81E-06	6.9610E-03
606787.8	4201108.22	128097.2486	0.03101	0.0321	0.08472	0.08545	0.07183	0.07193	6.38E-03	6.44E-06	6.75E-06	2.85E-05	2.87E-05	8.67E-06	8.67E-06	6.4651E-03
606807.8	4201108.22	119124.3733	0.03267	0.03385	0.08834	0.08911	0.07072	0.07077	5.93E-03	6.78E-06	7.12E-06	2.98E-05	2.99E-05	8.54E-06	8.53E-06	6.0213E-03
606827.8	4201108.22	111042.428	0.03451	0.03578	0.09227	0.09309	0.0696	0.06962	5.53E-03	7.17E-06	7.53E-06	3.11E-05	3.12E-05	8.40E-06	8.39E-06	5.6221E-03
606847.8	4201108.22	103751.1281	0.03651	0.0379	0.09652	0.09737	0.06849	0.06847	5.17E-03	7.58E-06	7.97E-06	3.25E-05	3.27E-05	8.27E-06	8.25E-06	5.2626E-03
606867.8	4201108.22	97151.3491	0.03874	0.04025	0.10083	0.10156	0.06739	0.06734	4.84E-03	8.04E-06	8.47E-06	3.40E-05	3.41E-05	8.14E-06	8.12E-06	4.9375E-03
606887.8	4201108.22	91144.78939	0.04175	0.04326	0.10538	0.10636	0.0663	0.06621	4.54E-03	8.67E-06	9.10E-06	3.55E-05	3.57E-05	8.01E-06	7.98E-06	4.6426E-03
606907.8	4201108.22	85650.38585	0.04477	0.04653	0.11081	0.11188	0.06521	0.06509	4.26E-03	9.30E-06	9.79E-06	3.73E-05	3.75E-05	7.87E-06	7.84E-06	4.3738E-03
606927.8	4201108.22	80624.42055	0.04807	0.05006	0.11682	0.11797	0.06412	0.06398	4.01E-03	9.98E-06	1.05E-05	3.93E-05	3.96E-05	7.74E-06	7.71E-06	4.1288E-03
606947.8	4201108.22	76020.05581	0.05156	0.05382	0.12348	0.12474	0.06305	0.06289	3.78E-03	1.07E-05	1.13E-05	4.16E-05	4.18E-05	7.61E-06	7.58E-06	3.9054E-03
606967.8	4201108.22	71787.49972	0.05544	0.05796	0.13086	0.13225	0.06199	0.06181	3.57E-03	1.15E-05	1.22E-05	4.41E-05	4.44E-05	7.49E-06	7.45E-06	3.7011E-03
606987.8	4201108.22	67888.38743	0.05982	0.06261	0.13909	0.14067	0.06095	0.06074	3.38E-03	1.24E-05	1.32E-05	4.68E-05	4.72E-05	7.36E-06	7.32E-06	3.5142E-03
607007.8	4201108.22	64283.71478	0.06482	0.06798	0.14843	0.15018	0.05991	0.05968	3.20E-03	1.35E-05	1.43E-05	5.00E-05	5.04E-05	7.23E-06	7.19E-06	3.3430E-03
607027.8	4201108.22	60949.97074	0.07057	0.07417	0.15901	0.16102	0.05888	0.05864	3.03E-03	1.47E-05	1.56E-05	5.36E-05	5.40E-05	7.11E-06	7.07E-06	3.1864E-03
607047.8	4201108.22	57858.6902	0.07729	0.08132	0.17126	0.17358	0.05787	0.05761	2.88E-03	1.60E-05	1.71E-05	5.77E-05	5.82E-05	6.99E-06	6.94E-06	3.0435E-03
607067.8	4201108.22	54986.92709	0.08518	0.08978	0.18551	0.18822	0.05687	0.0566	2.74E-03	1.77E-05	1.89E-05	6.25E-05	6.31E-05	6.87E-06	6.82E-06	2.9134E-03
607087.8	4201108.22	52320.91751	0.09451	0.09981	0.2021	0.20533	0.05588	0.0556	2.60E-03	1.96E-05	2.10E-05	6.81E-05	6.89E-05	6.75E-06	6.70E-06	2.7958E-03
607107.8	4201108.22	49838.27664	0.10581	0.11197	0.22176	0.22567	0.05491	0.05461	2.48E-03	2.20E-05	2.36E-05	7.47E-05	7.57E-05	6.63E-06	6.58E-06	2.6903E-03
607127.8	4201108.22	47526.0012	0.11959	0.1268	0.2453	0.25016	0.05395	0.05365	2.37E-03	2.48E-05	2.67E-05	8.26E-05	8.39E-05	6.51E-06	6.47E-06	2.5971E-03
607147.8	4201108.22	45366.70515	0.13673	0.14534	0.27407	0.28027	0.05301	0.05269	2.26E-03	2.84E-05	3.06E-05	9.23E-05	9.40E-05	6.40E-06	6.35E-06	2.5166E-03
607167.8	4201108.22	43352.62409	0.15807	0.16866	0.30976	0.31786	0.05208	0.05176	2.16E-03	3.28E-05	3.55E-05	1.04E-04	1.07E-04	6.29E-06	6.24E-06	2.4501E-03
607187.8	4201108.22	41467.82616	0.18544	0.1989	0.35552	0.3664	0.05117	0.05085	2.06E-03	3.85E-05	4.18E-05	1.20E-04	1.23E-04	6.18E-06	6.13E-06	2.3998E-03
607207.8	4201108.22	39701.83094	0.2214	0.23923	0.41617	0.43133	0.05028	0.04995	1.98E-03	4.60E-05	5.03E-05	1.40E-04	1.45E-04	6.07E-06	6.02E-06	2.3698E-03
607227.8	4201108.22	38045.21817	0.27029	0.29506	0.50008	0.52233	0.0494	0.04907	1.89E-03	5.61E-05	6.21E-05	1.68E-04	1.75E-04	5.97E-06	5.91E-06	2.3678E-03
607247.8	4201108.22	36489.41547	0.34025	0.37668	0.62316	0.65811	0.04854	0.0482	1.82E-03	7.07E-05	7.92E-05	2.10E-04	2.21E-04	5.86E-06	5.81E-06	2.4088E-03
607267.8	4201108.22	35026.77519	0.44835	0.50629	0.81929	0.88012	0.04769	0.04735	1.74E-03	9.31E-05	1.07E-04	2.76E-04	2.95E-04	5.76E-06	5.71E-06	2.5260E-03
607287.8	4201108.22	33650.17791	0.63381	0.73976	1.17287	1.29618	0.04686	0.04652	1.68E-03	1.32E-04	1.56E-04	3.95E-04	4.35E-04	5.66E-06	5.61E-06	2.8036E-03
607307.8	4201108.22	32353.28618	0.97654	1.23148	1.93063	2.23698	0.04605	0.0457	1.61E-03	2.03E-04	2.59E-04	6.50E-04	7.50E-04	5.56E-06	5.51E-06	3.4842E-03
606527.8	4201128.22	622402.6966	0.01744	0.01784	0.05469	0.05518	0.09041	0.09129	3.10E-02	3.62E-06	3.75E-06	1.84E-05	1.85E-05	1.09E-05	1.10E-05	3.1053E-02
606547.8	4201128.22	509289.104	0.01803	0.01846	0.05629	0.05681	0.08929	0.09005	2.54E-02	3.74E-06	3.88E-06	1.90E-05	1.91E-05	1.08E-05	1.09E-05	2.5423E-02
606567.8	4201128.22	417941.1388	0.01865	0.01911	0.05798	0.05852	0.08812	0.08881	2.08E-02	3.87E-06	4.02E-06	1.95E-05	1.96E-05	1.06E-05	1.07E-05	2.0876E-02
606587.8	4201128.22	356124.8286	0.01929	0.01977	0.05974	0.06032	0.08695	0.08754	1.77E-02	4.01E-06	4.16E-06	2.01E-05	2.02E-05	1.05E-05	1.06E-05	1.7799E-02
606607.8	4201128.22	310025.3724	0.02	0.0205	0.06165	0.06225	0.08574	0.08626	1.54E-02	4.15E-06	4.31E-06	2.08E-05	2.09E-05	1.04E-05	1.04E-05	1.5506E-02
606627.8	4201128.22	273861.2741	0.02075	0.02128	0.06367	0.06431	0.08453	0.08495	1.36E-02	4.31E-06	4.48E-06	2.14E-05	2.16E-05	1.02E-05	1.02E-05	1.3707E-02
606647.8	4201128.22	244695.6191	0.02151	0.02208	0.06579	0.06646	0.08329	0.08365	1.22E-02	4.47E-06	4.65E-06	2.22E-05	2.23E-05	1.01E-05	1.01E-05	1.2256E-02
606667.8	4201128.22	220246.6531	0.02237	0.02297	0.06809	0.0688	0.08204	0.08234	1.10E-02	4.65E-06	4.83E-06	2.29E-05	2.31E-05	9.91E-06	9.92E-06	1.1040E-02
606687.8	4201128.22	199508.3459	0.02331	0.02396	0.07058	0.07132	0.08078	0.08102	9.93E-03	4.84E-06	5.04E-06	2.38E-05	2.39E-05	9.75E-06	9.76E-06	1.0010E-02
606707.8	4201128.22	181754.201	0.02433	0.02501	0.07323	0.07399	0.07953	0.07972	9.05E-03	5.05E-06	5.26E-06	2.47E-05	2.48E-05	9.60E-06	9.61E-06	9.1277E-03
606727.8	4201128.22	166420.9544	0.0254	0.02613	0.07602	0.07681	0.07827	0.0784	8.29E-03	5.27E-06	5.50E-06	2.56E-05	2.58E-05	9.45E-06	9.45E-06	8.3664E-03
606747.8	4201128.22	152957.7494	0.02659	0.02737	0.07903	0.07985	0.077	0.07708	7.62E-03	5.52E-06	5.76E-06	2.66E-05	2.68E-05	9.30E-06	9.29E-06	7.6984E-03
606767.8	4201128.22	141063.4646	0.0279	0.02874	0.08227	0.08312	0.07574	0.07577	7.02E-03	5.79E-06	6.05E-06	2.77E-05	2.79E-05	9.15E-06	9.13E-06	7.1086E-03
606787.8	4201128.22	130560.5513	0.02927	0.03017	0.08569	0.08659	0.07448	0.07447	6.50E-03	6.08E-06	6.35E-06	2.89E-05	2.90E-05	8.99E-06	8.98E-06	6.5883E-03
606807.8	4201128.22	121188.8291	0.03076	0.03173	0.08937	0.09032	0.07323	0.07319	6.03E-03	6.39E-06	6.68E-06	3.01E-05	3.03E-05	8.84E-06	8.82E-06	6.1246E-03
606827.8	4201128.22	112759.1573	0.03242	0.03346	0.09337	0.0944	0.07199	0.07191	5.61E-03	6.73E-06	7.04E-06	3.14E-05	3.17E-05	8.69E-06	8.67E-06	5.7080E-03
606847.8	4201128.22	105141.9003	0.03429	0.03541	0.09777	0.09889	0.07075	0.07064	5.23E-03	7.12E-06	7.45E-06	3.29E-05	3.32E-05	8.54E-06	8.51E-06	5.3323E-03
606867.8	4201128.22	98282.3591	0.03627	0.03754	0.10227	0.10317	0.06953	0.06939	4.89E-03	7.53E-06	7.90E-06	3.44E-05	3.46E-05	8.40E-06	8.36E-06	4.9943E-03
606887.8	4201128.22	92047.56285	0.03913	0.04034	0.10709	0.10837	0.06832	0.06815	4.58E-03	8.13E-06	8.49E-06	3.61E-05	3.63E-05	8.25E-06	8.21E-06	4.6881E-03
606907.8	4201128.22	86385.36981	0.04175	0.04314	0.11266	0.11407	0.06713	0.06693	4.30E-03	8.67E-06	9.08E-06	3.79E-05	3.83E-05	8.11E-06	8.07E-06	4.4109E-03
606927.8	4201128.22	81205.25737	0.04471	0.04627	0.11886	0.12043	0.06595	0.06572	4.04E-03	9.28E-06	9.73E-06	4.00E-05	4.04E-05	7.96E-06	7.92E-06	4.1582E-03
606947.8	4201128.22	76464.83698	0.04794	0.04975	0.12573	0.12743	0.06478	0.06453	3.81E-03	9.96E-06	1.05E-05	4.23E-05	4.27E-05	7.82E-06	7.78E-06	3.9280E-03
606967.8	4201128.22	72116.59084	0.05147	0.05343	0.1334	0.1353	0.06362	0.06336	3.59E-03	1.07E-05	1.12E-05	4.49E-05	4.54E-05	7.68E-06	7.64E-06	3.7179E-03
606987.8	4201128.22	68118.15034	0.05542	0.05757	0.14198	0.14415	0.06249	0.0622	3.39E-03	1.15E-05	1.21E-05	4.78E-05	4.83E-05	7.55E-06	7.50E-06	3.5261E-03
607007.8	4201128.22	64436.23041	0.05987	0.06229	0.15164	0.15408	0.06136	0.06106	3.21E-03	1.24E-05	1.31E-05	5.11E-05	5.17E-05	7.41E-06	7.36E-06	3.3511E-03
607027.8	4201128.22	61039.33569	0.06497	0.06767	0.16258	0.16536	0.06026	0.05995	3.04E-03	1.35E-05	1.42E-05	5.48E-05	5.55E-05	7.28E-06	7.23E-06	3.1913E-03
607047.8	4201128.22	57892.81803	0.07093	0.0739	0.17527	0.17851	0.05917	0.05884	2.88E-03	1.47E-05	1.55E-05	5.90E-05	5.99E-05	7.14E-06	7.09E-06	3.0456E-03
607067.8	4201128.22	54978.85813	0.07787	0.08118	0.18999	0.19382	0.05809	0.05776	2.74E-03	1.62E-05	1.71E-05	6.40E-05	6.50E-05	7.01E-06	6.96E-06	2.9134E-03
607087.8	4201128.22	52271.6115	0.08614	0.08986	0.20731	0.21191	0.05704	0.05669	2.60E-03	1.79E-05	1.89E-05	6.98E-05	7.11E-05	6.89E-06	6.83E-06	2.7938E-03
607107.8	4201128.22	49764.15029	0.09588	0.10011	0.22764	0.23324	0.056	0.05565	2.48E-03	1.99E-05	2.11E-05	7.67E-05	7.82E-05	6.76E-06	6.71E-06	2.6869E-03
607127.8	4201128.22	47427.0383	0.10777	0.11259	0.25215	0.25917	0.05498	0.05462	2.36E-03	2.24E-05	2.37E-05	8.49E-05	8.69E-05	6.64E-06	6.58E-06	2.5923E-03
607147.8	4201128.22	45249.1216	0.12229	0.12793	0.28205	0.29109	0.05398	0.05362	2.25E-03	2.54E-05	2.69E-05	9.50E-05	9.76E-05	6.52E-06	6.46E-06	2.5107E-03
607167.8	4201128.22	43219.66956	0.14003	0.14686	0.31917	0.33111	0.053	0.05263	2.15E-03	2.91E-05	3.09E-05	1.07E-04	1.11E-04	6.40E-06	6.34E-06	2.4430E-03
607187.8	4201128.22	41322.98801	0.16221	0.17079	0.36673	0.383	0.05204	0.05167	2.06E-03	3.37E-05	3.59E-05	1.24E-04	1.28E-04	6.28E-06	6.23E-06	2.3914E-03
607207.8	4201128.22	39547.97764	0.19045	0.20172	0.42971	0.45279	0.0511	0.05072	1.97E-03	3.95E-05	4.24E-05	1.45E-04	1.52E-04	6.17E-06	6.11E-06	2.3598E-03
607227.8	4201128.22	37884.71453	0.22744	0.24295	0.51667	0.55117	0.05017	0.04979	1.89E-03	4.72E-05	5.11E-05	1.74E-04	1.85E-04	6.06E-06	6.00E-06	2.3554E-03
607247.8	4201128.22	36324.23608	0.278	0.30054	0.64378	0.69901	0.04926	0.04888	1.81E-03	5.77E-05	6.32E-05	2.17E-04	2.34E-04	5.95E-06	5.89E-06	2.3925E-03
607267.8	4201128.22	34858.55876	0.35113	0.38671	0.84488	0.94262	0.04838	0.048	1.74E-03	7.29E-05	8.14E-05	2.85E-04	3.16E-04	5.84E-06	5.78E-06	2.5021E-03
607287.8	4201128.22	33480.28348	0.46313	0.52774	1.20172	1.40259	0.04751	0.04713	1.67E-03	9.62E-05	1.11E-04	4.05E-04	4.70E-04	5.74E-06	5.68E-06	2.7606E-03
607307.8	4201128.22	32182.45102	0.63308	0.7709	1.93945	2.44029	0.04665	0.04627	1.60E-03	1.31E-04	1.62E-04	6.53E-04	8.19E-04	5.63E-06	5.58E-06	3.3788E-03
606527.8	4201148.22	638144.5356	0.01669	0.01704	0.05494	0.05548	0.09561	0.09635	3.18E-02	3.47E-06	3.58E-06	1.85E-05	1.86E-05	1.15E-05	1.16E-05	3.1838E-02
606547.8	4201148.22	523768.317	0.01724	0.01761	0.05655	0.05712	0.09423	0.09487	2.61E-02	3.58E-06	3.70E-06	1.90E-05	1.92E-05	1.14E-05	1.14E-05	2.6144E-02
606567.8	4201148.22	431075.1552	0.01782	0.01821	0.05825	0.05885	0.09283	0.09336	2.15E-02	3.70E-06	3.83E-06	1.96E-05	1.97E-05	1.12E-05	1.13E-05	2.1531E-02
606587.8	4201148.22	367452.0899	0.01844	0.01885	0.06005	0.06069	0.09141	0.09185	1.83E-02	3.83E-06	3.97E-06	2.02E-05	2.04E-05	1.10E-05	1.11E-05	1.8364E-02
606607.8	4201148.22	319840.7368	0.01909	0.01953	0.06198	0.06265	0.08998	0.09035	1.59E-02	3.96E-06	4.11E-06	2.09E-05	2.10E-05	1.09E-05	1.09E-05	1.5995E-02
606627.8	4201148.22	282539.9592	0.01976	0.02022	0.06398	0.06469	0.08855	0.08884	1.41E-02	4.10E-06	4.25E-06	2.15E-05	2.17E-05	1.07E-05	1.07E-05	1.4139E-02
606647.8	4201148.22	251757.9139	0.02053	0.02101	0.06619	0.06694	0.08711	0.08733	1.25E-02	4.26E-06	4.42E-06	2.23E-05	2.25E-05	1.05E-05	1.05E-05	1.2608E-02
606667.8	4201148.22	226152.2463	0.02134	0.02185	0.06854	0.06934	0.08566	0.08583	1.13E-02	4.43E-06	4.60E-06	2.31E-05	2.33E-05	1.03E-05	1.03E-05	1.1335E-02
606687.8	4201148.22	204448.5187	0.02222	0.02277	0.07108	0.07191	0.08421	0.08432	1.02E-02	4.61E-06	4.79E-06	2.39E-05	2.41E-05	1.02E-05	1.02E-05	1.0256E-02
606707.8	4201148.22	185861.7439	0.02317	0.02375	0.07378	0.07465	0.08278	0.08284	9.25E-03	4.81E-06	5.00E-06	2.48E-05	2.50E-05	1.00E-05	9.98E-06	9.3329E-03
606727.8	4201148.22	169729.445	0.02422	0.02483	0.07668	0.07758	0.08134	0.08135	8.45E-03	5.03E-06	5.22E-06	2.58E-05	2.60E-05	9.82E-06	9.80E-06	8.5318E-03
606747.8	4201148.22	155702.8273	0.02531	0.02597	0.07973	0.08068	0.07991	0.07987	7.75E-03	5.26E-06	5.46E-06	2.69E-05	2.71E-05	9.65E-06	9.63E-06	7.8357E-03
606767.8	4201148.22	143395.0103	0.02646	0.02716	0.08296	0.08395	0.0785	0.07842	7.14E-03	5.49E-06	5.71E-06	2.79E-05	2.82E-05	9.48E-06	9.45E-06	7.2252E-03
606787.8	4201148.22	132426.7721	0.02776	0.02851	0.08647	0.08752	0.07709	0.07698	6.59E-03	5.76E-06	6.00E-06	2.91E-05	2.94E-05	9.31E-06	9.28E-06	6.6818E-03
606807.8	4201148.22	122681.1961	0.02915	0.02995	0.09023	0.09134	0.07571	0.07555	6.11E-03	6.05E-06	6.30E-06	3.04E-05	3.06E-05	9.14E-06	9.11E-06	6.1994E-03
606827.8	4201148.22	113944.0158	0.03069	0.03154	0.09432	0.09552	0.07433	0.07414	5.67E-03	6.37E-06	6.64E-06	3.18E-05	3.20E-05	8.98E-06	8.94E-06	5.7675E-03
606847.8	4201148.22	106091.3029	0.03238	0.03329	0.09877	0.10008	0.07297	0.07275	5.28E-03	6.72E-06	7.00E-06	3.33E-05	3.36E-05	8.81E-06	8.77E-06	5.3800E-03
606867.8	4201148.22	98994.85964	0.03427	0.03529	0.10338	0.10452	0.07162	0.07138	4.93E-03	7.12E-06	7.42E-06	3.48E-05	3.51E-05	8.65E-06	8.60E-06	5.0302E-03
606887.8	4201148.22	92593.9057	0.03678	0.03744	0.10856	0.11005	0.0703	0.07003	4.61E-03	7.64E-06	7.88E-06	3.66E-05	3.69E-05	8.49E-06	8.44E-06	4.7158E-03
606907.8	4201148.22	86770.37268	0.03935	0.04043	0.11423	0.11592	0.069	0.06871	4.32E-03	8.17E-06	8.51E-06	3.85E-05	3.89E-05	8.33E-06	8.28E-06	4.4306E-03
606927.8	4201148.22	81467.47543	0.04206	0.04329	0.1206	0.12248	0.06771	0.0674	4.06E-03	8.73E-06	9.11E-06	4.06E-05	4.11E-05	8.18E-06	8.12E-06	4.1717E-03
606947.8	4201148.22	76622.84071	0.04503	0.04645	0.12768	0.12974	0.06644	0.06611	3.81E-03	9.35E-06	9.77E-06	4.30E-05	4.35E-05	8.02E-06	7.97E-06	3.9363E-03
606967.8	4201148.22	72186.24616	0.04829	0.0498	0.13563	0.13794	0.06519	0.06485	3.59E-03	1.00E-05	1.05E-05	4.57E-05	4.63E-05	7.87E-06	7.82E-06	3.7220E-03
606987.8	4201148.22	68116.93468	0.05189	0.05357	0.14453	0.14713	0.06396	0.06361	3.39E-03	1.08E-05	1.13E-05	4.87E-05	4.93E-05	7.72E-06	7.67E-06	3.5267E-03
607007.8	4201148.22	64380.95592	0.05596	0.05778	0.15449	0.15744	0.06276	0.06239	3.21E-03	1.16E-05	1.22E-05	5.20E-05	5.28E-05	7.58E-06	7.52E-06	3.3490E-03
607027.8	4201148.22	60942.43856	0.06056	0.06256	0.16573	0.16912	0.06157	0.06119	3.03E-03	1.26E-05	1.32E-05	5.58E-05	5.67E-05	7.43E-06	7.37E-06	3.1871E-03
607047.8	4201148.22	57762.85996	0.06595	0.06809	0.17877	0.1827	0.06041	0.06002	2.88E-03	1.37E-05	1.43E-05	6.02E-05	6.13E-05	7.29E-06	7.23E-06	3.0398E-03
607067.8	4201148.22	54823.78762	0.07219	0.07452	0.19388	0.19851	0.05927	0.05887	2.73E-03	1.50E-05	1.57E-05	6.53E-05	6.66E-05	7.16E-06	7.09E-06	2.9062E-03
607087.8	4201148.22	52096.69499	0.07961	0.08217	0.2117	0.21725	0.05814	0.05774	2.59E-03	1.65E-05	1.73E-05	7.13E-05	7.29E-05	7.02E-06	6.96E-06	2.7856E-03
607107.8	4201148.22	49569.66989	0.08838	0.09123	0.23278	0.23952	0.05704	0.05663	2.47E-03	1.84E-05	1.92E-05	7.84E-05	8.03E-05	6.89E-06	6.82E-06	2.6778E-03
607127.8	4201148.22	47219.75589	0.0989	0.10211	0.25819	0.2666	0.05596	0.05555	2.35E-03	2.05E-05	2.15E-05	8.70E-05	8.94E-05	6.76E-06	6.69E-06	2.5827E-03
607147.8	4201148.22	45036.44556	0.1114	0.11515	0.28897	0.29975	0.05491	0.05449	2.24E-03	2.31E-05	2.42E-05	9.73E-05	1.01E-04	6.63E-06	6.57E-06	2.5006E-03
607167.8	4201148.22	43000.98755	0.12648	0.13107	0.32739	0.34158	0.05387	0.05345	2.14E-03	2.63E-05	2.76E-05	1.10E-04	1.15E-04	6.50E-06	6.44E-06	2.4324E-03
607187.8	4201148.22	41100.69174	0.14487	0.15074	0.37665	0.39596	0.05286	0.05244	2.05E-03	3.01E-05	3.17E-05	1.27E-04	1.33E-04	6.38E-06	6.32E-06	2.3804E-03
607207.8	4201148.22	39324.0991	0.16759	0.17548	0.44192	0.46932	0.05187	0.05145	1.96E-03	3.48E-05	3.69E-05	1.49E-04	1.57E-04	6.26E-06	6.20E-06	2.3482E-03
607227.8	4201148.22	37660.9642	0.19633	0.20743	0.53207	0.57313	0.0509	0.05047	1.87E-03	4.08E-05	4.36E-05	1.79E-04	1.92E-04	6.15E-06	6.08E-06	2.3430E-03
607247.8	4201148.22	36101.9924	0.23389	0.25038	0.66377	0.72984	0.04995	0.04953	1.80E-03	4.86E-05	5.27E-05	2.24E-04	2.45E-04	6.03E-06	5.97E-06	2.3789E-03
607267.8	4201148.22	34638.80045	0.28468	0.31105	0.87134	0.98918	0.04902	0.0486	1.72E-03	5.91E-05	6.54E-05	2.93E-04	3.32E-04	5.92E-06	5.86E-06	2.4861E-03
607287.8	4201148.22	33263.88416	0.3548	0.40019	1.23508	1.47896	0.04811	0.04769	1.66E-03	7.37E-05	8.42E-05	4.16E-04	4.96E-04	5.81E-06	5.75E-06	2.7375E-03
607307.8	4201148.22	31966.56044	0.45058	0.53166	1.97295	2.57589	0.04722	0.0468	1.59E-03	9.36E-05	1.12E-04	6.64E-04	8.64E-04	5.70E-06	5.64E-06	3.3367E-03
606527.8	4201168.22	650159.4594	0.01602	0.01632	0.05513	0.05572	0.1009	0.10145	3.24E-02	3.33E-06	3.43E-06	1.86E-05	1.87E-05	1.22E-05	1.22E-05	3.2437E-02
606547.8	4201168.22	534658.7462	0.01653	0.01686	0.05675	0.05737	0.09923	0.0997	2.66E-02	3.43E-06	3.55E-06	1.91E-05	1.92E-05	1.20E-05	1.20E-05	2.6688E-02
606567.8	4201168.22	440990.6956	0.01708	0.01742	0.05845	0.0591	0.09757	0.09795	2.20E-02	3.55E-06	3.66E-06	1.97E-05	1.98E-05	1.18E-05	1.18E-05	2.2025E-02
606587.8	4201168.22	376298.8013	0.01766	0.01802	0.06028	0.06096	0.0959	0.09619	1.87E-02	3.67E-06	3.79E-06	2.03E-05	2.04E-05	1.16E-05	1.16E-05	1.8806E-02
606607.8	4201168.22	327663.1473	0.01828	0.01865	0.06221	0.06294	0.09423	0.09444	1.63E-02	3.80E-06	3.92E-06	2.10E-05	2.11E-05	1.14E-05	1.14E-05	1.6385E-02
606627.8	4201168.22	289202.4892	0.01892	0.01932	0.06425	0.06502	0.09256	0.09271	1.44E-02	3.93E-06	4.06E-06	2.16E-05	2.18E-05	1.12E-05	1.12E-05	1.4472E-02
606647.8	4201168.22	257383.1005	0.01965	0.02006	0.06649	0.06731	0.0909	0.09099	1.28E-02	4.08E-06	4.22E-06	2.24E-05	2.26E-05	1.10E-05	1.10E-05	1.2889E-02
606667.8	4201168.22	230810.7054	0.02043	0.02087	0.06889	0.06976	0.08925	0.08928	1.15E-02	4.24E-06	4.39E-06	2.32E-05	2.34E-05	1.08E-05	1.08E-05	1.1568E-02
606687.8	4201168.22	208357.6623	0.02125	0.02171	0.07144	0.07236	0.08761	0.08759	1.04E-02	4.41E-06	4.57E-06	2.41E-05	2.43E-05	1.06E-05	1.06E-05	1.0452E-02
606707.8	4201168.22	188961.8345	0.02217	0.02266	0.07423	0.07519	0.08599	0.08592	9.41E-03	4.60E-06	4.77E-06	2.50E-05	2.52E-05	1.04E-05	1.04E-05	9.4879E-03
606727.8	4201168.22	172180.7895	0.02318	0.0237	0.07721	0.07822	0.08437	0.08425	8.57E-03	4.81E-06	4.99E-06	2.60E-05	2.62E-05	1.02E-05	1.02E-05	8.6545E-03
606747.8	4201168.22	157654.5635	0.02421	0.02476	0.08032	0.08137	0.08277	0.08261	7.85E-03	5.03E-06	5.21E-06	2.71E-05	2.73E-05	9.99E-06	9.96E-06	7.9335E-03
606767.8	4201168.22	144893.6618	0.02532	0.0259	0.08363	0.08473	0.0812	0.081	7.21E-03	5.26E-06	5.45E-06	2.82E-05	2.84E-05	9.80E-06	9.76E-06	7.3005E-03
606787.8	4201168.22	133609.337	0.02651	0.02713	0.08717	0.08833	0.07965	0.07942	6.65E-03	5.51E-06	5.71E-06	2.94E-05	2.96E-05	9.62E-06	9.57E-06	6.7412E-03
606807.8	4201168.22	123563.1528	0.02782	0.02847	0.091	0.09223	0.07812	0.07785	6.15E-03	5.78E-06	5.99E-06	3.06E-05	3.09E-05	9.43E-06	9.38E-06	6.2438E-03
606827.8	4201168.22	114606.5512	0.02923	0.02992	0.09511	0.09645	0.07661	0.07632	5.71E-03	6.07E-06	6.29E-06	3.20E-05	3.24E-05	9.25E-06	9.20E-06	5.8009E-03
606847.8	4201168.22	106554.693	0.03081	0.03154	0.09963	0.10108	0.07512	0.0748	5.30E-03	6.40E-06	6.64E-06	3.36E-05	3.39E-05	9.07E-06	9.01E-06	5.4035E-03
606867.8	4201168.22	99290.25475	0.03258	0.0334	0.10434	0.10568	0.07366	0.07331	4.94E-03	6.77E-06	7.03E-06	3.51E-05	3.54E-05	8.89E-06	8.84E-06	5.0453E-03
606887.8	4201168.22	92742.34709	0.03503	0.03577	0.10971	0.11143	0.07222	0.07185	4.62E-03	7.27E-06	7.52E-06	3.69E-05	3.74E-05	8.72E-06	8.66E-06	4.7237E-03
606907.8	4201168.22	86806.21532	0.03742	0.03828	0.11556	0.11747	0.0708	0.07042	4.32E-03	7.77E-06	8.05E-06	3.89E-05	3.94E-05	8.55E-06	8.49E-06	4.4329E-03
606927.8	4201168.22	81408.22595	0.04001	0.04099	0.12208	0.12418	0.0694	0.06901	4.05E-03	8.31E-06	8.62E-06	4.11E-05	4.17E-05	8.38E-06	8.32E-06	4.1694E-03
606947.8	4201168.22	76501.83754	0.04267	0.04377	0.12936	0.13171	0.06804	0.06763	3.81E-03	8.86E-06	9.21E-06	4.36E-05	4.42E-05	8.22E-06	8.15E-06	3.9309E-03
606967.8	4201168.22	72015.68587	0.04564	0.04682	0.13751	0.14015	0.0667	0.06628	3.59E-03	9.48E-06	9.85E-06	4.63E-05	4.70E-05	8.05E-06	7.99E-06	3.7140E-03
606987.8	4201168.22	67908.24016	0.04897	0.05023	0.14663	0.1496	0.06538	0.06495	3.38E-03	1.02E-05	1.06E-05	4.94E-05	5.02E-05	7.89E-06	7.83E-06	3.5169E-03
607007.8	4201168.22	64139.98055	0.05271	0.05408	0.15685	0.16021	0.0641	0.06365	3.19E-03	1.09E-05	1.14E-05	5.28E-05	5.37E-05	7.74E-06	7.67E-06	3.3375E-03
607027.8	4201168.22	60675.32823	0.05699	0.05845	0.16844	0.17227	0.06283	0.06238	3.02E-03	1.18E-05	1.23E-05	5.67E-05	5.78E-05	7.59E-06	7.52E-06	3.1745E-03
607047.8	4201168.22	57471.99218	0.06202	0.06356	0.18191	0.18637	0.06159	0.06113	2.86E-03	1.29E-05	1.34E-05	6.13E-05	6.25E-05	7.44E-06	7.37E-06	3.0261E-03
607067.8	4201168.22	54522.82243	0.06776	0.0694	0.19742	0.20264	0.06038	0.05992	2.71E-03	1.41E-05	1.46E-05	6.65E-05	6.80E-05	7.29E-06	7.22E-06	2.8921E-03
607087.8	4201168.22	51795.29525	0.07447	0.07623	0.21557	0.22179	0.05919	0.05873	2.58E-03	1.55E-05	1.60E-05	7.26E-05	7.44E-05	7.15E-06	7.08E-06	2.7714E-03
607107.8	4201168.22	49260.82262	0.0825	0.08444	0.23737	0.24491	0.05802	0.05756	2.45E-03	1.71E-05	1.78E-05	7.99E-05	8.21E-05	7.01E-06	6.94E-06	2.6634E-03
607127.8	4201168.22	46915.33706	0.09178	0.09399	0.26334	0.27266	0.05689	0.05642	2.34E-03	1.91E-05	1.98E-05	8.87E-05	9.15E-05	6.87E-06	6.80E-06	2.5684E-03
607147.8	4201168.22	44733.49789	0.10274	0.10538	0.29506	0.30691	0.05578	0.05531	2.23E-03	2.13E-05	2.22E-05	9.94E-05	1.03E-04	6.74E-06	6.67E-06	2.4863E-03
607167.8	4201168.22	42701.32108	0.11568	0.11903	0.33468	0.35016	0.05469	0.05422	2.13E-03	2.40E-05	2.50E-05	1.13E-04	1.17E-04	6.60E-06	6.53E-06	2.4183E-03
607187.8	4201168.22	40804.49785	0.13111	0.13558	0.38565	0.4066	0.05363	0.05316	2.03E-03	2.72E-05	2.85E-05	1.30E-04	1.36E-04	6.48E-06	6.41E-06	2.3664E-03
607207.8	4201168.22	39034.71368	0.14946	0.15569	0.45299	0.48255	0.05259	0.05212	1.94E-03	3.10E-05	3.28E-05	1.53E-04	1.62E-04	6.35E-06	6.28E-06	2.3342E-03
607227.8	4201168.22	37378.1346	0.17198	0.181	0.54633	0.5905	0.05157	0.05111	1.86E-03	3.57E-05	3.81E-05	1.84E-04	1.98E-04	6.23E-06	6.16E-06	2.3291E-03
607247.8	4201168.22	35826.33994	0.20006	0.21369	0.68282	0.75391	0.05058	0.05012	1.78E-03	4.15E-05	4.50E-05	2.30E-04	2.53E-04	6.11E-06	6.04E-06	2.3651E-03
607267.8	4201168.22	34370.82221	0.23573	0.25693	0.89764	1.02478	0.04961	0.04916	1.71E-03	4.90E-05	5.41E-05	3.02E-04	3.44E-04	5.99E-06	5.92E-06	2.4721E-03
607287.8	4201168.22	33003.16967	0.28237	0.3151	1.27431	1.53728	0.04867	0.04821	1.64E-03	5.86E-05	6.63E-05	4.29E-04	5.16E-04	5.88E-06	5.81E-06	2.7245E-03
607307.8	4201168.22	31714.9199	0.3424	0.39319	2.03248	2.67489	0.04774	0.04729	1.58E-03	7.11E-05	8.27E-05	6.85E-04	8.97E-04	5.76E-06	5.70E-06	3.3259E-03
606527.8	4201188.22	658451.6649	0.01542	0.01569	0.0553	0.05592	0.10621	0.10658	3.28E-02	3.20E-06	3.30E-06	1.86E-05	1.88E-05	1.28E-05	1.28E-05	3.2851E-02
606547.8	4201188.22	542130.4802	0.0159	0.01618	0.0569	0.05755	0.10425	0.10453	2.70E-02	3.30E-06	3.40E-06	1.92E-05	1.93E-05	1.26E-05	1.26E-05	2.7061E-02
606567.8	4201188.22	447902.7753	0.01642	0.01672	0.05862	0.05931	0.10231	0.10251	2.23E-02	3.41E-06	3.52E-06	1.97E-05	1.99E-05	1.24E-05	1.24E-05	2.2370E-02
606587.8	4201188.22	382755.3188	0.01697	0.01729	0.06045	0.06118	0.10038	0.1005	1.91E-02	3.52E-06	3.64E-06	2.04E-05	2.05E-05	1.21E-05	1.21E-05	1.9128E-02
606607.8	4201188.22	333584.284	0.01755	0.01788	0.06238	0.06315	0.09845	0.09851	1.66E-02	3.64E-06	3.76E-06	2.10E-05	2.12E-05	1.19E-05	1.19E-05	1.6681E-02
606627.8	4201188.22	294217.3567	0.01817	0.01852	0.06445	0.06527	0.09656	0.09654	1.46E-02	3.77E-06	3.90E-06	2.17E-05	2.19E-05	1.17E-05	1.16E-05	1.4722E-02
606647.8	4201188.22	261610.4929	0.01886	0.01922	0.06671	0.06758	0.09468	0.0946	1.30E-02	3.92E-06	4.04E-06	2.25E-05	2.27E-05	1.14E-05	1.14E-05	1.3100E-02
606667.8	4201188.22	234301.3073	0.0196	0.01998	0.06913	0.07006	0.09282	0.09268	1.17E-02	4.07E-06	4.20E-06	2.33E-05	2.35E-05	1.12E-05	1.12E-05	1.1742E-02
606687.8	4201188.22	211014.2219	0.02042	0.02082	0.07177	0.07275	0.09096	0.09079	1.05E-02	4.24E-06	4.38E-06	2.42E-05	2.44E-05	1.10E-05	1.09E-05	1.0585E-02
606707.8	4201188.22	191060.1403	0.0213	0.02171	0.07458	0.07562	0.08915	0.08894	9.51E-03	4.42E-06	4.57E-06	2.51E-05	2.54E-05	1.08E-05	1.07E-05	9.5930E-03
606727.8	4201188.22	173816.2322	0.02224	0.02268	0.07759	0.07868	0.08735	0.08709	8.65E-03	4.62E-06	4.77E-06	2.61E-05	2.64E-05	1.05E-05	1.05E-05	8.7365E-03
606747.8	4201188.22	158837.1874	0.02323	0.02369	0.08077	0.08191	0.08558	0.08529	7.91E-03	4.82E-06	4.98E-06	2.72E-05	2.75E-05	1.03E-05	1.03E-05	7.9929E-03
606767.8	4201188.22	145708.875	0.02429	0.02478	0.08415	0.08534	0.08384	0.08352	7.25E-03	5.04E-06	5.21E-06	2.83E-05	2.86E-05	1.01E-05	1.01E-05	7.3416E-03
606787.8	4201188.22	134129.3637	0.02544	0.02595	0.08776	0.08902	0.08214	0.08178	6.68E-03	5.28E-06	5.46E-06	2.96E-05	2.99E-05	9.92E-06	9.86E-06	6.7676E-03
606807.8	4201188.22	123852.045	0.02669	0.02723	0.09165	0.09299	0.08046	0.08008	6.17E-03	5.54E-06	5.73E-06	3.09E-05	3.12E-05	9.72E-06	9.65E-06	6.2587E-03
606827.8	4201188.22	114713.7316	0.02803	0.0286	0.09582	0.09726	0.07882	0.07841	5.71E-03	5.82E-06	6.02E-06	3.23E-05	3.26E-05	9.52E-06	9.45E-06	5.8068E-03
606847.8	4201188.22	106519.9864	0.02953	0.03012	0.10039	0.1018	0.0772	0.07678	5.30E-03	6.13E-06	6.34E-06	3.38E-05	3.41E-05	9.32E-06	9.25E-06	5.4022E-03
606867.8	4201188.22	99166.26193	0.0312	0.03182	0.10517	0.10669	0.07562	0.07517	4.94E-03	6.48E-06	6.69E-06	3.54E-05	3.58E-05	9.13E-06	9.06E-06	5.0396E-03
606887.8	4201188.22	92507.874	0.03366	0.03428	0.11072	0.1126	0.07406	0.0736	4.61E-03	6.99E-06	7.21E-06	3.73E-05	3.78E-05	8.94E-06	8.87E-06	4.7126E-03
606907.8	4201188.22	86500.87903	0.03586	0.03657	0.11671	0.11879	0.07253	0.07205	4.31E-03	7.45E-06	7.69E-06	3.93E-05	3.98E-05	8.76E-06	8.68E-06	4.4182E-03
606927.8	4201188.22	81062.11663	0.03818	0.039	0.12331	0.1256	0.07103	0.07055	4.04E-03	7.93E-06	8.20E-06	4.15E-05	4.21E-05	8.58E-06	8.50E-06	4.1526E-03
606947.8	4201188.22	76111.6393	0.0407	0.04156	0.13078	0.13336	0.06957	0.06907	3.79E-03	8.45E-06	8.74E-06	4.40E-05	4.47E-05	8.40E-06	8.32E-06	3.9120E-03
606967.8	4201188.22	71603.96177	0.04346	0.04438	0.13909	0.14203	0.06814	0.06763	3.56E-03	9.02E-06	9.34E-06	4.68E-05	4.76E-05	8.23E-06	8.15E-06	3.6941E-03
606987.8	4201188.22	67482.18338	0.04657	0.04754	0.14843	0.15174	0.06674	0.06622	3.36E-03	9.67E-06	1.00E-05	5.00E-05	5.09E-05	8.06E-06	7.98E-06	3.4962E-03
607007.8	4201188.22	63706.20841	0.05009	0.05112	0.15888	0.16262	0.06537	0.06485	3.17E-03	1.04E-05	1.08E-05	5.35E-05	5.45E-05	7.89E-06	7.82E-06	3.3166E-03
607027.8	4201188.22	60232.22311	0.05415	0.0552	0.17088	0.17514	0.06402	0.0635	3.00E-03	1.12E-05	1.16E-05	5.76E-05	5.87E-05	7.73E-06	7.65E-06	3.1532E-03
607047.8	4201188.22	57034.39552	0.05882	0.05991	0.18466	0.18956	0.06271	0.06218	2.84E-03	1.22E-05	1.26E-05	6.22E-05	6.36E-05	7.57E-06	7.49E-06	3.0051E-03
607067.8	4201188.22	54090.85488	0.06417	0.06531	0.20052	0.20623	0.06143	0.0609	2.69E-03	1.33E-05	1.37E-05	6.75E-05	6.92E-05	7.42E-06	7.34E-06	2.8715E-03
607087.8	4201188.22	51370.58341	0.07038	0.0716	0.21912	0.22588	0.06017	0.05965	2.56E-03	1.46E-05	1.51E-05	7.38E-05	7.58E-05	7.27E-06	7.19E-06	2.7512E-03
607107.8	4201188.22	48851.27806	0.07761	0.07895	0.24125	0.2494	0.05895	0.05843	2.43E-03	1.61E-05	1.66E-05	8.13E-05	8.37E-05	7.12E-06	7.04E-06	2.6439E-03
607127.8	4201188.22	46517.21813	0.0859	0.08748	0.26783	0.27782	0.05776	0.05724	2.32E-03	1.78E-05	1.84E-05	9.02E-05	9.32E-05	6.97E-06	6.90E-06	2.5494E-03
607147.8	4201188.22	44342.73092	0.09564	0.09764	0.30059	0.31323	0.05659	0.05607	2.21E-03	1.99E-05	2.05E-05	1.01E-04	1.05E-04	6.83E-06	6.76E-06	2.4679E-03
607167.8	4201188.22	42320.39771	0.10686	0.10955	0.34155	0.35792	0.05545	0.05493	2.11E-03	2.22E-05	2.30E-05	1.15E-04	1.20E-04	6.70E-06	6.62E-06	2.4006E-03
607187.8	4201188.22	40437.60781	0.11975	0.12353	0.39403	0.41597	0.05434	0.05382	2.01E-03	2.49E-05	2.60E-05	1.33E-04	1.40E-04	6.56E-06	6.49E-06	2.3493E-03
607207.8	4201188.22	38680.27049	0.13473	0.1402	0.46371	0.49445	0.05326	0.05274	1.93E-03	2.80E-05	2.95E-05	1.56E-04	1.66E-04	6.43E-06	6.36E-06	2.3180E-03
607227.8	4201188.22	37036.65489	0.15241	0.1605	0.56047	0.6061	0.0522	0.05169	1.84E-03	3.16E-05	3.38E-05	1.89E-04	2.03E-04	6.30E-06	6.23E-06	2.3139E-03
607247.8	4201188.22	35499.53429	0.17329	0.18523	0.70128	0.77428	0.05117	0.05067	1.77E-03	3.60E-05	3.90E-05	2.36E-04	2.60E-04	6.18E-06	6.11E-06	2.3505E-03
607267.8	4201188.22	34058.71846	0.19864	0.21573	0.92189	1.05147	0.05017	0.04967	1.70E-03	4.12E-05	4.54E-05	3.10E-04	3.53E-04	6.06E-06	5.99E-06	2.4575E-03
607287.8	4201188.22	32704.13168	0.23124	0.25489	1.31007	1.57568	0.04918	0.04869	1.63E-03	4.80E-05	5.36E-05	4.41E-04	5.29E-04	5.94E-06	5.87E-06	2.7114E-03
607307.8	4201188.22	31429.79493	0.27233	0.30614	2.09956	2.74205	0.04823	0.04774	1.56E-03	5.66E-05	6.44E-05	7.07E-04	9.20E-04	5.82E-06	5.75E-06	3.3241E-03
606527.8	4201208.22	663064.2951	0.01487	0.01511	0.05541	0.05606	0.11155	0.11171	3.30E-02	3.09E-06	3.18E-06	1.87E-05	1.88E-05	1.35E-05	1.35E-05	3.3082E-02
606547.8	4201208.22	545317.9257	0.01534	0.01559	0.05704	0.05772	0.10927	0.10935	2.71E-02	3.19E-06	3.28E-06	1.92E-05	1.94E-05	1.32E-05	1.32E-05	2.7220E-02
606567.8	4201208.22	452282.3256	0.01583	0.01609	0.05874	0.05947	0.10703	0.10703	2.25E-02	3.29E-06	3.38E-06	1.98E-05	1.99E-05	1.29E-05	1.29E-05	2.2589E-02

606587.8	4201208.22	387435.64	0.01635	0.01663	0.06057	0.06133	0.10482	0.10476	1.93E-02	3.40E-06	3.50E-06	2.04E-05	2.06E-05	1.27E-05	1.26E-05	1.9362E-02
606607.8	4201208.22	337779.9293	0.01691	0.0172	0.06251	0.06332	0.10265	0.10252	1.68E-02	3.51E-06	3.62E-06	2.11E-05	2.12E-05	1.24E-05	1.24E-05	1.6891E-02
606627.8	4201208.22	297672.6122	0.01751	0.01781	0.06461	0.06547	0.10051	0.10031	1.48E-02	3.64E-06	3.75E-06	2.18E-05	2.20E-05	1.21E-05	1.21E-05	1.4895E-02
606647.8	4201208.22	264437.4266	0.01817	0.01848	0.06687	0.06779	0.09838	0.09815	1.32E-02	3.77E-06	3.89E-06	2.25E-05	2.27E-05	1.19E-05	1.18E-05	1.3242E-02
606667.8	4201208.22	236330.1827	0.0189	0.01923	0.06936	0.07034	0.09631	0.09602	1.18E-02	3.92E-06	4.05E-06	2.34E-05	2.36E-05	1.16E-05	1.16E-05	1.1844E-02
606687.8	4201208.22	212589.9196	0.01967	0.02001	0.07198	0.07303	0.09425	0.09393	1.06E-02	4.08E-06	4.21E-06	2.42E-05	2.45E-05	1.14E-05	1.13E-05	1.0664E-02
606707.8	4201208.22	192252.1841	0.02048	0.02083	0.07478	0.07589	0.09225	0.09189	9.57E-03	4.25E-06	4.38E-06	2.52E-05	2.55E-05	1.11E-05	1.11E-05	9.6529E-03
606727.8	4201208.22	174583.5336	0.02138	0.02175	0.07783	0.079	0.09027	0.08987	8.69E-03	4.44E-06	4.58E-06	2.62E-05	2.65E-05	1.09E-05	1.08E-05	8.7752E-03
606747.8	4201208.22	159277.2461	0.02232	0.02271	0.08104	0.08227	0.08833	0.0879	7.93E-03	4.63E-06	4.78E-06	2.73E-05	2.76E-05	1.07E-05	1.06E-05	8.0153E-03
606767.8	4201208.22	145851.8679	0.02335	0.02376	0.08449	0.08577	0.08642	0.08597	7.26E-03	4.85E-06	5.00E-06	2.85E-05	2.88E-05	1.04E-05	1.04E-05	7.3492E-03
606787.8	4201208.22	134053.2142	0.02446	0.02488	0.08815	0.0895	0.08456	0.08408	6.67E-03	5.08E-06	5.23E-06	2.97E-05	3.00E-05	1.02E-05	1.01E-05	6.7643E-03
606807.8	4201208.22	123579.2745	0.02569	0.02613	0.09214	0.09357	0.08273	0.08223	6.15E-03	5.33E-06	5.50E-06	3.10E-05	3.14E-05	9.99E-06	9.91E-06	6.2456E-03
606827.8	4201208.22	114292.787	0.02702	0.02748	0.09641	0.09793	0.08094	0.08043	5.69E-03	5.61E-06	5.78E-06	3.25E-05	3.28E-05	9.77E-06	9.69E-06	5.7863E-03
606847.8	4201208.22	106000.8612	0.02872	0.02899	0.10094	0.10272	0.0792	0.07866	5.28E-03	5.96E-06	6.10E-06	3.40E-05	3.45E-05	9.56E-06	9.48E-06	5.3769E-03
606867.8	4201208.22	98597.01419	0.03047	0.03088	0.10602	0.10782	0.07749	0.07694	4.91E-03	6.33E-06	6.50E-06	3.57E-05	3.62E-05	9.36E-06	9.27E-06	5.0120E-03
606887.8	4201208.22	91927.59615	0.03236	0.03285	0.11151	0.1135	0.07582	0.07526	4.58E-03	6.72E-06	6.91E-06	3.76E-05	3.81E-05	9.16E-06	9.07E-06	4.6841E-03
606907.8	4201208.22	85891.71338	0.03443	0.03503	0.11759	0.11977	0.07419	0.07362	4.28E-03	7.15E-06	7.37E-06	3.96E-05	4.02E-05	8.96E-06	8.87E-06	4.3883E-03
606927.8	4201208.22	80430.08812	0.03663	0.03728	0.12438	0.12682	0.07259	0.07201	4.00E-03	7.61E-06	7.84E-06	4.19E-05	4.25E-05	8.77E-06	8.68E-06	4.1216E-03
606947.8	4201208.22	75482.17262	0.03898	0.03966	0.13193	0.13469	0.07103	0.07045	3.76E-03	8.09E-06	8.34E-06	4.44E-05	4.52E-05	8.58E-06	8.49E-06	3.8810E-03
606967.8	4201208.22	70976.27834	0.0416	0.04231	0.1404	0.14352	0.0695	0.06892	3.53E-03	8.64E-06	8.90E-06	4.73E-05	4.81E-05	8.39E-06	8.31E-06	3.6633E-03
606987.8	4201208.22	66862.20591	0.04455	0.04528	0.14993	0.15343	0.06802	0.06743	3.33E-03	9.25E-06	9.53E-06	5.05E-05	5.15E-05	8.21E-06	8.13E-06	3.4658E-03
607007.8	4201208.22	63098.37079	0.0479	0.04864	0.16063	0.16463	0.06656	0.06598	3.14E-03	9.95E-06	1.02E-05	5.41E-05	5.52E-05	8.04E-06	7.95E-06	3.2869E-03
607027.8	4201208.22	59633.55084	0.0518	0.05254	0.17298	0.17758	0.06514	0.06455	2.97E-03	1.08E-05	1.11E-05	5.83E-05	5.96E-05	7.87E-06	7.78E-06	3.1242E-03
607047.8	4201208.22	56460.33684	0.05617	0.05692	0.18702	0.19231	0.06376	0.06317	2.81E-03	1.17E-05	1.20E-05	6.30E-05	6.45E-05	7.70E-06	7.61E-06	2.9774E-03
607067.8	4201208.22	53533.94145	0.06122	0.062	0.20328	0.20943	0.06241	0.06182	2.67E-03	1.27E-05	1.30E-05	6.85E-05	7.02E-05	7.54E-06	7.45E-06	2.8447E-03
607087.8	4201208.22	50831.43152	0.06703	0.06787	0.22237	0.22965	0.06109	0.06051	2.53E-03	1.39E-05	1.43E-05	7.49E-05	7.70E-05	7.38E-06	7.29E-06	2.7255E-03
607107.8	4201208.22	48340.13559	0.07353	0.07449	0.24481	0.25351	0.05982	0.05923	2.41E-03	1.53E-05	1.57E-05	8.24E-05	8.50E-05	7.22E-06	7.14E-06	2.6194E-03
607127.8	4201208.22	46025.72848	0.08099	0.08222	0.27202	0.28267	0.05857	0.05799	2.29E-03	1.68E-05	1.73E-05	9.16E-05	9.48E-05	7.07E-06	6.99E-06	2.5260E-03
607147.8	4201208.22	43876.52667	0.08942	0.09109	0.30536	0.31864	0.05735	0.05678	2.18E-03	1.86E-05	1.92E-05	1.03E-04	1.07E-04	6.92E-06	6.84E-06	2.4456E-03
607167.8	4201208.22	41876.69824	0.09893	0.10131	0.34711	0.36419	0.05616	0.05559	2.08E-03	2.05E-05	2.13E-05	1.17E-04	1.22E-04	6.78E-06	6.70E-06	2.3792E-03
607187.8	4201208.22	40012.88595	0.10964	0.11314	0.40095	0.42364	0.055	0.05444	1.99E-03	2.28E-05	2.38E-05	1.35E-04	1.42E-04	6.64E-06	6.56E-06	2.3290E-03
607207.8	4201208.22	38271.09274	0.12191	0.12708	0.47316	0.50475	0.05387	0.05332	1.91E-03	2.53E-05	2.67E-05	1.59E-04	1.69E-04	6.50E-06	6.43E-06	2.2990E-03
607227.8	4201208.22	36647.56782	0.13558	0.14307	0.57245	0.61887	0.05278	0.05223	1.82E-03	2.82E-05	3.01E-05	1.93E-04	2.08E-04	6.37E-06	6.29E-06	2.2958E-03
607247.8	4201208.22	35127.38871	0.15153	0.16192	0.71796	0.79163	0.05171	0.05116	1.75E-03	3.15E-05	3.41E-05	2.42E-04	2.66E-04	6.24E-06	6.17E-06	2.3341E-03
607267.8	4201208.22	33707.05101	0.17012	0.18364	0.94285	1.07121	0.05067	0.05013	1.68E-03	3.53E-05	3.86E-05	3.18E-04	3.59E-04	6.12E-06	6.04E-06	2.4411E-03
607287.8	4201208.22	32368.23093	0.1944	0.21185	1.34409	1.60397	0.04965	0.04912	1.61E-03	4.04E-05	4.46E-05	4.53E-04	5.38E-04	6.00E-06	5.92E-06	2.6990E-03
607307.8	4201208.22	31110.49479	0.22396	0.24764	2.16176	2.7811	0.04866	0.04814	1.55E-03	4.65E-05	5.21E-05	7.28E-04	9.33E-04	5.88E-06	5.80E-06	3.3200E-03
606527.8	4201228.22	661489.4786	0.01437	0.01459	0.0555	0.05618	0.11686	0.11679	3.29E-02	2.98E-06	3.07E-06	1.87E-05	1.88E-05	1.41E-05	1.41E-05	3.3004E-02
606547.8	4201228.22	545698.9108	0.01482	0.01505	0.05712	0.05784	0.11426	0.11412	2.72E-02	3.08E-06	3.17E-06	1.92E-05	1.94E-05	1.38E-05	1.38E-05	2.7240E-02
606567.8	4201228.22	455585.6611	0.0153	0.01554	0.05885	0.05961	0.11171	0.1115	2.27E-02	3.18E-06	3.27E-06	1.98E-05	2.00E-05	1.35E-05	1.34E-05	2.2755E-02
606587.8	4201228.22	391128.7372	0.01579	0.01603	0.06064	0.06144	0.10922	0.10895	1.95E-02	3.28E-06	3.37E-06	2.04E-05	2.06E-05	1.32E-05	1.31E-05	1.9547E-02
606607.8	4201228.22	340585.2635	0.01634	0.01659	0.06262	0.06346	0.10677	0.10645	1.70E-02	3.39E-06	3.49E-06	2.11E-05	2.13E-05	1.29E-05	1.28E-05	1.7031E-02
606627.8	4201228.22	299743.1135	0.01692	0.01718	0.06472	0.06562	0.10438	0.10401	1.49E-02	3.51E-06	3.61E-06	2.18E-05	2.20E-05	1.26E-05	1.25E-05	1.4999E-02
606647.8	4201228.22	265715.0272	0.01757	0.01784	0.06702	0.06798	0.10203	0.10162	1.32E-02	3.65E-06	3.75E-06	2.26E-05	2.28E-05	1.23E-05	1.22E-05	1.3306E-02
606667.8	4201228.22	237151.1236	0.01826	0.01855	0.06949	0.07052	0.09973	0.09927	1.18E-02	3.79E-06	3.90E-06	2.34E-05	2.37E-05	1.20E-05	1.20E-05	1.1885E-02
606687.8	4201228.22	213031.5745	0.01898	0.01928	0.0721	0.0732	0.09747	0.09699	1.06E-02	3.94E-06	4.06E-06	2.43E-05	2.46E-05	1.18E-05	1.17E-05	1.0686E-02
606707.8	4201228.22	192338.5697	0.01975	0.02006	0.07491	0.07607	0.09528	0.09476	9.58E-03	4.10E-06	4.22E-06	2.52E-05	2.55E-05	1.15E-05	1.14E-05	9.6577E-03
606727.8	4201228.22	174426.4952	0.0206	0.02092	0.07795	0.07918	0.09311	0.09256	8.68E-03	4.28E-06	4.40E-06	2.63E-05	2.66E-05	1.12E-05	1.12E-05	8.7678E-03
606747.8	4201228.22	158844.7849	0.02153	0.02186	0.08122	0.08252	0.09099	0.09042	7.91E-03	4.47E-06	4.60E-06	2.74E-05	2.77E-05	1.10E-05	1.09E-05	7.9942E-03
606767.8	4201228.22	145237.555	0.02253	0.02287	0.08472	0.08608	0.08892	0.08833	7.23E-03	4.68E-06	4.81E-06	2.85E-05	2.89E-05	1.07E-05	1.06E-05	7.3190E-03
606787.8	4201228.22	133289.5433	0.02362	0.02397	0.08846	0.08989	0.08689	0.08629	6.64E-03	4.90E-06	5.04E-06	2.98E-05	3.02E-05	1.05E-05	1.04E-05	6.7267E-03
606807.8	4201228.22	122727.4697	0.02482	0.02518	0.0925	0.09402	0.08492	0.0843	6.11E-03	5.15E-06	5.30E-06	3.12E-05	3.15E-05	1.03E-05	1.02E-05	6.2036E-03
606827.8	4201228.22	113384.5187	0.02611	0.02648	0.09686	0.09844	0.08299	0.08236	5.64E-03	5.42E-06	5.57E-06	3.26E-05	3.30E-05	1.00E-05	9.93E-06	5.7415E-03
606847.8	4201228.22	105075.1952	0.02786	0.02795	0.10166	0.10335	0.08111	0.08047	5.23E-03	5.79E-06	5.88E-06	3.42E-05	3.47E-05	9.79E-06	9.70E-06	5.3313E-03
606867.8	4201228.22	97639.34195	0.02958	0.02998	0.10663	0.10852	0.07928	0.07863	4.86E-03	6.14E-06	6.31E-06	3.59E-05	3.64E-05	9.57E-06	9.48E-06	4.9648E-03
606887.8	4201228.22	90946.36417	0.03146	0.0319	0.11221	0.11426	0.07749	0.07683	4.53E-03	6.53E-06	6.71E-06	3.78E-05	3.83E-05	9.36E-06	9.26E-06	4.6358E-03
606907.8	4201228.22	84978.51084	0.03322	0.03368	0.11829	0.12054	0.07576	0.0751	4.23E-03	6.90E-06	7.09E-06	3.98E-05	4.04E-05	9.15E-06	9.05E-06	4.3432E-03
606927.8	4201228.22	79553.51035	0.03523	0.03574	0.12514	0.1277	0.07407	0.0734	3.96E-03	7.32E-06	7.52E-06	4.21E-05	4.28E-05	8.94E-06	8.85E-06	4.0782E-03
606947.8	4201228.22	74624.3872	0.03749	0.03801	0.13282	0.13572	0.07241	0.07174	3.72E-03	7.79E-06	8.00E-06	4.47E-05	4.55E-05	8.74E-06	8.65E-06	3.8386E-03
606967.8	4201228.22	70140.98152	0.04003	0.04056	0.14142	0.14475	0.07079	0.07013	3.49E-03	8.31E-06	8.53E-06	4.76E-05	4.86E-05	8.55E-06	8.45E-06	3.6220E-03
606987.8	4201228.22	66062.81619	0.04285	0.04338	0.15105	0.15479	0.06922	0.06856	3.29E-03	8.90E-06	9.13E-06	5.09E-05	5.19E-05	8.36E-06	8.26E-06	3.4264E-03
607007.8	4201228.22	62325.58266	0.04609	0.0466	0.16206	0.16635	0.06769	0.06703	3.10E-03	9.57E-06	9.80E-06	5.46E-05	5.58E-05	8.17E-06	8.08E-06	3.2489E-03
607027.8	4201228.22	58892.12817	0.04983	0.05033	0.17476	0.17968	0.06619	0.06553	2.93E-03	1.03E-05	1.06E-05	5.89E-05	6.03E-05	7.99E-06	7.90E-06	3.0879E-03
607047.8	4201228.22	55756.09515	0.05397	0.05447	0.18904	0.1947	0.06474	0.06408	2.78E-03	1.12E-05	1.15E-05	6.37E-05	6.53E-05	7.82E-06	7.72E-06	2.9430E-03
607067.8	4201228.22	52866.63263	0.0587	0.05922	0.20557	0.21217	0.06333	0.06268	2.63E-03	1.22E-05	1.25E-05	6.92E-05	7.12E-05	7.65E-06	7.55E-06	2.8122E-03
607087.8	4201228.22	50201.1965	0.06404	0.06462	0.22495	0.23275	0.06195	0.06131	2.50E-03	1.33E-05	1.36E-05	7.58E-05	7.81E-05	7.48E-06	7.39E-06	2.6949E-03
607107.8	4201228.22	47742.2587	0.06994	0.07068	0.24781	0.25707	0.06062	0.05998	2.38E-03	1.45E-05	1.49E-05	8.35E-05	8.62E-05	7.32E-06	7.23E-06	2.5905E-03
607127.8	4201228.22	45456.29124	0.07662	0.07767	0.27567	0.28696	0.05931	0.05868	2.26E-03	1.59E-05	1.63E-05	9.28E-05	9.63E-05	7.16E-06	7.07E-06	2.4986E-03
607147.8	4201228.22	43342.44604	0.08381	0.08535	0.30935	0.32332	0.05805	0.05743	2.16E-03	1.74E-05	1.80E-05	1.04E-04	1.08E-04	7.01E-06	6.92E-06	2.4197E-03
607167.8	4201228.22	41366.05819	0.09196	0.09429	0.35238	0.37025	0.05681	0.05619	2.06E-03	1.91E-05	1.98E-05	1.19E-04	1.24E-04	6.86E-06	6.77E-06	2.3549E-03
607187.8	4201228.22	39529.10638	0.10075	0.10423	0.40744	0.43099	0.05561	0.055	1.97E-03	2.09E-05	2.19E-05	1.37E-04	1.45E-04	6.71E-06	6.63E-06	2.3060E-03
607207.8	4201228.22	37812.80094	0.11053	0.11556	0.48124	0.51384	0.05444	0.05384	1.88E-03	2.30E-05	2.43E-05	1.62E-04	1.72E-04	6.57E-06	6.49E-06	2.2773E-03
607227.8	4201228.22	36213.34579	0.1212	0.12807	0.58263	0.63015	0.0533	0.05271	1.80E-03	2.52E-05	2.69E-05	1.96E-04	2.11E-04	6.44E-06	6.35E-06	2.2754E-03
607247.8	4201228.22	34714.63843	0.13378	0.14256	0.73206	0.80673	0.05219	0.05161	1.73E-03	2.78E-05	3.00E-05	2.47E-04	2.71E-04	6.30E-06	6.22E-06	2.3157E-03
607267.8	4201228.22	33313.75464	0.14861	0.15933	0.9652	1.0936	0.05112	0.05055	1.66E-03	3.09E-05	3.35E-05	3.25E-04	3.67E-04	6.17E-06	6.09E-06	2.4271E-03
607287.8	4201228.22	31998.88605	0.16682	0.18007	1.37476	1.62564	0.05008	0.04951	1.59E-03	3.46E-05	3.79E-05	4.63E-04	5.45E-04	6.05E-06	5.97E-06	2.6859E-03
607307.8	4201228.22	30760.58307	0.18887	0.2063	2.21814	2.80646	0.04906	0.0485	1.53E-03	3.92E-05	4.34E-05	7.47E-04	9.41E-04	5.92E-06	5.85E-06	3.3142E-03
606527.8	4201248.22	662987.0992	0.01391	0.01411	0.05555	0.05626	0.12208	0.1218	3.30E-02	2.89E-06	2.97E-06	1.87E-05	1.89E-05	1.47E-05	1.47E-05	3.3080E-02
606547.8	4201248.22	553860.0432	0.01435	0.01456	0.05719	0.05794	0.11918	0.11881	2.76E-02	2.98E-06	3.06E-06	1.93E-05	1.94E-05	1.44E-05	1.43E-05	2.7648E-02
606567.8	4201248.22	460869.4436	0.01483	0.01503	0.05894	0.05972	0.11632	0.11589	2.29E-02	3.08E-06	3.16E-06	1.99E-05	2.00E-05	1.40E-05	1.40E-05	2.3019E-02
606587.8	4201248.22	393710.4239	0.01531	0.01553	0.06076	0.06159	0.11353	0.11305	1.96E-02	3.18E-06	3.27E-06	2.05E-05	2.07E-05	1.37E-05	1.36E-05	1.9676E-02
606607.8	4201248.22	342011.135	0.01583	0.01605	0.0627	0.06358	0.11082	0.1103	1.70E-02	3.29E-06	3.38E-06	2.11E-05	2.13E-05	1.34E-05	1.33E-05	1.7103E-02
606627.8	4201248.22	299993.6691	0.01641	0.01664	0.06485	0.06579	0.10818	0.10761	1.49E-02	3.41E-06	3.50E-06	2.18E-05	2.21E-05	1.31E-05	1.30E-05	1.5012E-02
606647.8	4201248.22	265432.2963	0.01703	0.01727	0.06714	0.06814	0.10558	0.10498	1.32E-02	3.54E-06	3.63E-06	2.26E-05	2.29E-05	1.27E-05	1.27E-05	1.3293E-02
606667.8	4201248.22	236649.8789	0.01767	0.01792	0.06955	0.07062	0.10307	0.10243	1.18E-02	3.67E-06	3.77E-06	2.34E-05	2.37E-05	1.24E-05	1.23E-05	1.1861E-02
606687.8	4201248.22	212222.9088	0.01836	0.01861	0.07215	0.07329	0.1006	0.09995	1.06E-02	3.81E-06	3.92E-06	2.43E-05	2.46E-05	1.21E-05	1.20E-05	1.0646E-02
606707.8	4201248.22	191172.207	0.01914	0.0194	0.07503	0.07624	0.09819	0.09752	9.52E-03	3.97E-06	4.08E-06	2.53E-05	2.56E-05	1.19E-05	1.18E-05	9.6001E-03
606727.8	4201248.22	173156.9817	0.01995	0.02022	0.07806	0.07934	0.09584	0.09515	8.62E-03	4.14E-06	4.25E-06	2.63E-05	2.66E-05	1.16E-05	1.15E-05	8.7051E-03
606747.8	4201248.22	157496.2216	0.02084	0.02112	0.08134	0.0827	0.09355	0.09284	7.84E-03	4.33E-06	4.44E-06	2.74E-05	2.77E-05	1.13E-05	1.12E-05	7.9274E-03
606767.8	4201248.22	143812.6499	0.02183	0.02212	0.08489	0.08633	0.09131	0.09058	7.16E-03	4.53E-06	4.65E-06	2.86E-05	2.90E-05	1.10E-05	1.09E-05	7.2485E-03
606787.8	4201248.22	131888.1761	0.02286	0.02315	0.08862	0.09013	0.08914	0.0884	6.57E-03	4.75E-06	4.87E-06	2.98E-05	3.02E-05	1.08E-05	1.07E-05	6.6572E-03
606807.8	4201248.22	121313.4014	0.02405	0.02434	0.09274	0.09434	0.08701	0.08627	6.04E-03	4.99E-06	5.12E-06	3.12E-05	3.16E-05	1.05E-05	1.04E-05	6.1336E-03
606827.8	4201248.22	111997.4489	0.0253	0.0256	0.0972	0.09896	0.08495	0.0842	5.58E-03	5.25E-06	5.39E-06	3.27E-05	3.32E-05	1.03E-05	1.01E-05	5.6728E-03
606847.8	4201248.22	103721.719	0.02709	0.02731	0.10203	0.10384	0.08294	0.08219	5.16E-03	5.63E-06	5.75E-06	3.44E-05	3.48E-05	1.00E-05	9.91E-06	5.2643E-03
606867.8	4201248.22	96348.84171	0.02865	0.02895	0.10706	0.109	0.08099	0.08024	4.80E-03	5.95E-06	6.09E-06	3.61E-05	3.66E-05	9.78E-06	9.67E-06	4.9009E-03
606887.8	4201248.22	89720.88605	0.03038	0.03073	0.11263	0.11477	0.07909	0.07833	4.47E-03	6.31E-06	6.46E-06	3.79E-05	3.85E-05	9.55E-06	9.44E-06	4.5750E-03
606907.8	4201248.22	83772.0509	0.03215	0.03254	0.11887	0.12125	0.07725	0.07649	4.17E-03	6.68E-06	6.85E-06	4.00E-05	4.07E-05	9.33E-06	9.22E-06	4.2834E-03
606927.8	4201248.22	78399.39011	0.0341	0.0345	0.12581	0.12848	0.07545	0.07469	3.90E-03	7.08E-06	7.26E-06	4.24E-05	4.31E-05	9.11E-06	9.00E-06	4.0211E-03
606947.8	4201248.22	73550.99514	0.03623	0.03661	0.13346	0.13647	0.07371	0.07296	3.66E-03	7.52E-06	7.70E-06	4.49E-05	4.58E-05	8.90E-06	8.79E-06	3.7854E-03
606967.8	4201248.22	69136.11368	0.03863	0.039	0.14211	0.14556	0.07201	0.07126	3.44E-03	8.02E-06	8.20E-06	4.79E-05	4.88E-05	8.70E-06	8.59E-06	3.5722E-03
606987.8	4201248.22	65109.24032	0.04136	0.04172	0.15181	0.15575	0.07036	0.06961	3.24E-03	8.59E-06	8.78E-06	5.11E-05	5.22E-05	8.50E-06	8.39E-06	3.3791E-03
607007.8	4201248.22	61414.48882	0.04453	0.04486	0.1631	0.1676	0.06874	0.068	3.06E-03	9.25E-06	9.44E-06	5.49E-05	5.62E-05	8.30E-06	8.20E-06	3.2039E-03
607027.8	4201248.22	58032.25055	0.04812	0.04843	0.17602	0.1812	0.06717	0.06644	2.89E-03	9.99E-06	1.02E-05	5.93E-05	6.08E-05	8.11E-06	8.01E-06	3.0455E-03
607047.8	4201248.22	54942.01869	0.05208	0.05239	0.19058	0.19661	0.06565	0.06493	2.74E-03	1.08E-05	1.10E-05	6.42E-05	6.59E-05	7.93E-06	7.83E-06	2.9030E-03
607067.8	4201248.22	52104.72255	0.05646	0.0568	0.20734	0.21435	0.06418	0.06347	2.59E-03	1.17E-05	1.19E-05	6.98E-05	7.19E-05	7.75E-06	7.65E-06	2.7749E-03
607087.8	4201248.22	49482.47979	0.06138	0.06182	0.22707	0.23535	0.06274	0.06204	2.46E-03	1.27E-05	1.30E-05	7.65E-05	7.89E-05	7.58E-06	7.48E-06	2.6597E-03
607107.8	4201248.22	47063.55293	0.06672	0.06737	0.25041	0.26025	0.06135	0.06066	2.34E-03	1.39E-05	1.42E-05	8.43E-05	8.73E-05	7.41E-06	7.31E-06	2.5575E-03
607127.8	4201248.22	44818.02012	0.07259	0.07361	0.27877	0.29071	0.06	0.05931	2.23E-03	1.51E-05	1.55E-05	9.39E-05	9.75E-05	7.24E-06	7.15E-06	2.4676E-03
607147.8	4201248.22	42735.33408	0.07889	0.08047	0.31355	0.3283	0.05868	0.05801	2.13E-03	1.64E-05	1.69E-05	1.06E-04	1.10E-04	7.09E-06	6.99E-06	2.3907E-03
607167.8	4201248.22	40801.03958	0.08552	0.08793	0.35692	0.37565	0.0574	0.05674	2.03E-03	1.78E-05	1.85E-05	1.20E-04	1.26E-04	6.93E-06	6.84E-06	2.3275E-03
607187.8	4201248.22	38996.09009	0.09266	0.09618	0.4131	0.43773	0.05616	0.05551	1.94E-03	1.92E-05	2.02E-05	1.39E-04	1.47E-04	6.78E-06	6.69E-06	2.2803E-03
607207.8	4201248.22	37311.25247	0.10041	0.10522	0.48799	0.52184	0.05495	0.05431	1.86E-03	2.09E-05	2.21E-05	1.64E-04	1.75E-04	6.64E-06	6.55E-06	2.2531E-03
607227.8	4201248.22	35739.76859	0.10894	0.11503	0.59095	0.64002	0.05378	0.05314	1.78E-03	2.26E-05	2.42E-05	1.99E-04	2.15E-04	6.49E-06	6.40E-06	2.2527E-03
607247.8	4201248.22	34269.8672	0.11891	0.12616	0.74098	0.81719	0.05264	0.05202	1.71E-03	2.47E-05	2.65E-05	2.50E-04	2.74E-04	6.36E-06	6.27E-06	2.2937E-03
607267.8	4201248.22	32889.70541	0.13127	0.13982	0.98076	1.10993	0.05153	0.05092	1.64E-03	2.73E-05	2.94E-05	3.30E-04	3.72E-04	6.22E-06	6.14E-06	2.4091E-03
607287.8	4201248.22	31598.63942	0.14564	0.156	1.39624	1.64278	0.05045	0.04985	1.57E-03	3.02E-05	3.28E-05	4.70E-04	5.51E-04	6.09E-06	6.01E-06	2.6696E-03
607307.8	4201248.22	30383.3396	0.16239	0.17574	2.25472	2.82471	0.0494	0.04882	1.51E-03	3.37E-05	3.70E-05	7.59E-04	9.47E-04	5.97E-06	5.88E-06	3.3020E-03
606527.8	4201268.22	665754.9608	0.0135	0.01367	0.0556	0.05633	0.12725	0.12671	3.31E-02	2.80E-06	2.88E-06	1.87E-05	1.89E-05	1.54E-05	1.53E-05	3.3219E-02
606547.8	4201268.22	569640.2123	0.01393	0.01411	0.05724	0.05802	0.12399	0.12339	2.84E-02	2.89E-06	2.97E-06	1.93E-05	1.95E-05	1.50E-05	1.49E-05	2.8434E-02
606567.8	4201268.22	466436.535	0.01439	0.01457	0.059	0.05981	0.12083	0.12017	2.32E-02	2.99E-06	3.07E-06	1.99E-05	2.01E-05	1.46E-05	1.45E-05	2.3297E-02
606587.8	4201268.22	394911.251	0.01487	0.01506	0.06085	0.0617	0.11775	0.11705	1.97E-02	3.09E-06	3.17E-06	2.05E-05	2.07E-05	1.42E-05	1.41E-05	1.9737E-02
606607.8	4201268.22	341120.0883	0.01539	0.01559	0.06284	0.06374	0.11477	0.11404	1.70E-02	3.20E-06	3.28E-06	2.12E-05	2.14E-05	1.39E-05	1.37E-05	1.7059E-02
606627.8	4201268.22	298527.2768	0.01594	0.01614	0.06494	0.0659	0.11186	0.1111	1.49E-02	3.31E-06	3.40E-06	2.19E-05	2.21E-05	1.35E-05	1.34E-05	1.4940E-02
606647.8	4201268.22	263566.0412	0.01653	0.01674	0.0672	0.06823	0.10903	0.10824	1.31E-02	3.43E-06	3.52E-06	2.26E-05	2.29E-05	1.32E-05	1.30E-05	1.3200E-02
606667.8	4201268.22	234490.9076	0.01715	0.01737	0.0696	0.0707	0.10629	0.10548	1.17E-02	3.56E-06	3.65E-06	2.34E-05	2.37E-05	1.28E-05	1.27E-05	1.1754E-02
606687.8	4201268.22	209730.0048	0.01786	0.01808	0.07229	0.07346	0.10359	0.10277	1.04E-02	3.71E-06	3.80E-06	2.43E-05	2.46E-05	1.25E-05	1.24E-05	1.0523E-02
606707.8	4201268.22	188791.9135	0.0186	0.01882	0.0751	0.07635	0.101	0.10016	9.40E-03	3.86E-06	3.96E-06	2.53E-05	2.56E-05	1.22E-05	1.21E-05	9.4821E-03
606727.8	4201268.22	170730.1808	0.01941	0.01964	0.07818	0.07952	0.09845	0.09761	8.50E-03	4.03E-06	4.13E-06	2.63E-05	2.67E-05	1.19E-05	1.18E-05	8.5847E-03
606747.8	4201268.22	155107.6544	0.02031	0.02054	0.08152	0.08293	0.09598	0.09513	7.72E-03	4.22E-06	4.32E-06	2.75E-05	2.78E-05	1.16E-05	1.15E-05	7.8090E-03
606767.8	4201268.22	141659.7447	0.0212	0.02143	0.08494	0.08644	0.0936	0.09274	7.05E-03	4.40E-06	4.51E-06	2.86E-05	2.90E-05	1.13E-05	1.12E-05	7.1416E-03
606787.8	4201268.22	129834.4023	0.0222	0.02244	0.08869	0.09026	0.09127	0.09041	6.46E-03	4.61E-06	4.72E-06	2.99E-05	3.03E-05	1.10E-05	1.09E-05	6.5553E-03
606807.8	4201268.22	119378.6192	0.02334	0.02358	0.0928	0.09447	0.08901	0.08814	5.94E-03	4.85E-06	4.96E-06	3.13E-05	3.17E-05	1.07E-05	1.06E-05	6.0375E-03
606827.8	4201268.22	110167.4564	0.02456	0.0248	0.09723	0.0992	0.08681	0.08594	5.48E-03	5.10E-06	5.22E-06	3.27E-05	3.33E-05	1.05E-05	1.04E-05	5.5819E-03
606847.8	4201268.22	101996.8632	0.02623	0.02637	0.10229	0.10419	0.08468	0.08381	5.08E-03	5.45E-06	5.55E-06	3.45E-05	3.49E-05	1.02E-05	1.01E-05	5.1787E-03
606867.8	4201268.22	94717.31548	0.0278	0.02803	0.10732	0.10937	0.08261	0.08175	4.72E-03	5.77E-06	5.90E-06	3.61E-05	3.67E-05	9.98E-06	9.85E-06	4.8199E-03
606887.8	4201268.22	88196.65674	0.02944	0.02972	0.11291	0.11512	0.0806	0.07974	4.39E-03	6.11E-06	6.25E-06	3.80E-05	3.86E-05	9.73E-06	9.61E-06	4.4993E-03
606907.8	4201268.22	82343.35926	0.03115	0.03145	0.11917	0.12163	0.07865	0.0778	4.10E-03	6.47E-06	6.62E-06	4.01E-05	4.08E-05	9.50E-06	9.38E-06	4.2124E-03
606927.8	4201268.22	77066.39468	0.03304	0.03332	0.12613	0.12888	0.07676	0.07591	3.84E-03	6.86E-06	7.01E-06	4.25E-05	4.32E-05	9.27E-06	9.15E-06	3.9548E-03
606947.8	4201268.22	72290.98537	0.03513	0.03539	0.13391	0.137	0.07492	0.07409	3.60E-03	7.30E-06	7.45E-06	4.51E-05	4.60E-05	9.05E-06	8.93E-06	3.7228E-03
606967.8	4201268.22	67955.86605	0.03747	0.03771	0.14263	0.14613	0.07314	0.07231	3.38E-03	7.78E-06	7.93E-06	4.80E-05	4.90E-05	8.83E-06	8.71E-06	3.5135E-03
606987.8	4201268.22	64003.91008	0.04013	0.04034	0.15242	0.15642	0.0714	0.07059	3.19E-03	8.33E-06	8.49E-06	5.13E-05	5.25E-05	8.62E-06	8.51E-06	3.3242E-03
607007.8	4201268.22	60377.31017	0.0432	0.04338	0.16384	0.16851	0.06971	0.06891	3.01E-03	8.97E-06	9.13E-06	5.52E-05	5.65E-05	8.42E-06	8.30E-06	3.1524E-03
607027.8	4201268.22	57063.75146	0.04663	0.0468	0.17687	0.18226	0.06807	0.06728	2.84E-03	9.68E-06	9.85E-06	5.96E-05	6.11E-05	8.22E-06	8.11E-06	2.9975E-03
607047.8	4201268.22	54039.75173	0.05034	0.05052	0.19158	0.19786	0.06649	0.06571	2.69E-03	1.05E-05	1.06E-05	6.45E-05	6.64E-05	8.03E-06	7.92E-06	2.8583E-03
607067.8	4201268.22	51251.81905	0.05448	0.05473	0.20872	0.21611	0.06495	0.06418	2.55E-03	1.13E-05	1.15E-05	7.03E-05	7.25E-05	7.84E-06	7.73E-06	2.7328E-03
607087.8	4201268.22	48690.78356	0.05889	0.05929	0.22864	0.23732	0.06347	0.06271	2.42E-03	1.22E-05	1.25E-05	7.70E-05	7.96E-05	7.66E-06	7.56E-06	2.6206E-03
607107.8	4201268.22	46322.12281	0.06363	0.0643	0.2523	0.26265	0.06202	0.06128	2.31E-03	1.32E-05	1.35E-05	8.50E-05	8.81E-05	7.49E-06	7.39E-06	2.5209E-03
607127.8	4201268.22	44120.83604	0.06877	0.06987	0.28122	0.29384	0.06062	0.05988	2.20E-03	1.43E-05	1.47E-05	9.47E-05	9.86E-05	7.32E-06	7.22E-06	2.4334E-03
607147.8	4201268.22	42072.07517	0.07429	0.07602	0.3174	0.33301	0.05925	0.05853	2.09E-03	1.54E-05	1.60E-05	1.07E-04	1.12E-04	7.15E-06	7.05E-06	2.3588E-03
607167.8	4201268.22	40185.00431	0.0796	0.08214	0.36108	0.3808	0.05793	0.05723	2.00E-03	1.65E-05	1.73E-05	1.22E-04	1.28E-04	7.00E-06	6.90E-06	2.2977E-03
607187.8	4201268.22	38420.9084	0.08527	0.08876	0.41782	0.44363	0.05665	0.05596	1.91E-03	1.77E-05	1.87E-05	1.41E-04	1.49E-04	6.84E-06	6.74E-06	2.2523E-03
607207.8	4201268.22	36768.87799	0.09163	0.09608	0.49431	0.52963	0.0554	0.05472	1.83E-03	1.90E-05	2.02E-05	1.66E-04	1.78E-04	6.69E-06	6.59E-06	2.2272E-03
607227.8	4201268.22	35227.00845	0.09881	0.10408	0.59971	0.6508	0.05419	0.05352	1.75E-03	2.05E-05	2.19E-05	2.02E-04	2.18E-04	6.54E-06	6.45E-06	2.2295E-03
607247.8	4201268.22	33789.00542	0.10703	0.11301	0.75095	0.82959	0.05302	0.05237	1.68E-03	2.22E-05	2.38E-05	2.53E-04	2.78E-04	6.40E-06	6.31E-06	2.2721E-03
607267.8	4201268.22	32436.05125	0.11727	0.12423	0.99142	1.12154	0.05188	0.05124	1.61E-03	2.44E-05	2.61E-05	3.34E-04	3.76E-04	6.26E-06	6.18E-06	2.3879E-03
607287.8	4201268.22	31171.41834	0.12866	0.13714	1.40498	1.65468	0.05078	0.05015	1.55E-03	2.67E-05	2.89E-05	4.73E-04	5.55E-04	6.13E-06	6.04E-06	2.6478E-03
607307.8	4201268.22	29984.31296	0.1417	0.15214	2.25491	2.83758	0.04971	0.04909	1.49E-03	2.94E-05	3.20E-05	7.59E-04	9.52E-04	6.00E-06	5.92E-06	3.2773E-03
606527.8	4201288.22	670200.9168	0.0131	0.01326	0.05561	0.05636	0.13232	0.1315	3.34E-02	2.72E-06	2.79E-06	1.87E-05	1.89E-05	1.60E-05	1.58E-05	3.3441E-02
606547.8	4201288.22	576923.606	0.01354	0.0137	0.0573	0.05809	0.1287	0.12786	2.87E-02	2.81E-06	2.88E-06	1.93E-05	1.95E-05	1.55E-05	1.54E-05	2.8798E-02
606567.8	4201288.22	466930.0936	0.014	0.01417	0.05908	0.05991	0.12523	0.12433	2.32E-02	2.91E-06	2.98E-06	1.99E-05	2.01E-05	1.51E-05	1.50E-05	2.3322E-02
606587.8	4201288.22	392325.7779	0.0145	0.01467	0.061	0.06188	0.12184	0.12092	1.95E-02	3.01E-06	3.09E-06	2.05E-05	2.08E-05	1.47E-05	1.46E-05	1.9609E-02
606607.8	4201288.22	337284.6677	0.01502	0.0152	0.06301	0.06394	0.11858	0.11762	1.68E-02	3.12E-06	3.20E-06	2.12E-05	2.14E-05	1.43E-05	1.42E-05	1.6869E-02
606627.8	4201288.22	294331.4008	0.01556	0.01573	0.0651	0.06609	0.11541	0.11445	1.47E-02	3.23E-06	3.31E-06	2.19E-05	2.22E-05	1.39E-05	1.38E-05	1.4732E-02
606647.8	4201288.22	259401.931	0.01612	0.0163	0.06733	0.06838	0.11234	0.11137	1.29E-02	3.35E-06	3.43E-06	2.27E-05	2.29E-05	1.36E-05	1.34E-05	1.2994E-02
606667.8	4201288.22	230281.4241	0.01675	0.01693	0.06976	0.07088	0.10936	0.10838	1.15E-02	3.48E-06	3.56E-06	2.35E-05	2.38E-05	1.32E-05	1.31E-05	1.1545E-02
606687.8	4201288.22	205831.4461	0.01742	0.0176	0.07237	0.07358	0.10648	0.10549	1.02E-02	3.62E-06	3.70E-06	2.44E-05	2.47E-05	1.29E-05	1.27E-05	1.0329E-02
606707.8	4201288.22	184968.1935	0.01817	0.01835	0.07525	0.07654	0.10366	0.10267	9.21E-03	3.77E-06	3.86E-06	2.53E-05	2.57E-05	1.25E-05	1.24E-05	9.2923E-03
606727.8	4201288.22	167280.2579	0.01893	0.01912	0.07825	0.07962	0.10095	0.09995	8.33E-03	3.93E-06	4.02E-06	2.64E-05	2.67E-05	1.22E-05	1.20E-05	8.4134E-03
606747.8	4201288.22	151944.8697	0.01979	0.01997	0.08154	0.083	0.09831	0.09731	7.56E-03	4.11E-06	4.20E-06	2.75E-05	2.78E-05	1.19E-05	1.17E-05	7.6519E-03
606767.8	4201288.22	138692.6517	0.02069	0.02087	0.08501	0.08656	0.09576	0.09476	6.90E-03	4.30E-06	4.39E-06	2.86E-05	2.90E-05	1.16E-05	1.14E-05	6.9942E-03
606787.8	4201288.22	127123.0701	0.02165	0.02183	0.08872	0.09035	0.0933	0.0923	6.33E-03	4.50E-06	4.59E-06	2.99E-05	3.03E-05	1.13E-05	1.11E-05	6.4206E-03
606807.8	4201288.22	116931.3797	0.02272	0.0229	0.09275	0.09448	0.0909	0.08991	5.82E-03	4.72E-06	4.82E-06	3.12E-05	3.17E-05	1.10E-05	1.08E-05	5.9158E-03
606827.8	4201288.22	107913.6892	0.0239	0.02408	0.09715	0.09899	0.08857	0.08759	5.37E-03	4.96E-06	5.07E-06	3.27E-05	3.32E-05	1.07E-05	1.06E-05	5.4697E-03
606847.8	4201288.22	99902.34521	0.02551	0.02543	0.10235	0.10447	0.08631	0.08534	4.97E-03	5.30E-06	5.35E-06	3.45E-05	3.50E-05	1.04E-05	1.03E-05	5.0746E-03
606867.8	4201288.22	92793.03796	0.027	0.02717	0.1075	0.10962	0.08413	0.08317	4.62E-03	5.61E-06	5.72E-06	3.62E-05	3.68E-05	1.02E-05	1.00E-05	4.7242E-03
606887.8	4201288.22	86425.0757	0.02857	0.02877	0.11309	0.11541	0.08202	0.08106	4.30E-03	5.93E-06	6.05E-06	3.81E-05	3.87E-05	9.90E-06	9.77E-06	4.4112E-03
606907.8	4201288.22	80694.15059	0.03027	0.03048	0.1193	0.12181	0.07996	0.07902	4.02E-03	6.29E-06	6.41E-06	4.02E-05	4.09E-05	9.66E-06	9.52E-06	4.1303E-03
606927.8	4201288.22	75532.2085	0.03213	0.03232	0.12631	0.12912	0.07797	0.07704	3.76E-03	6.67E-06	6.80E-06	4.25E-05	4.33E-05	9.41E-06	9.28E-06	3.8784E-03
606947.8	4201288.22	70863.0575	0.0342	0.03435	0.13415	0.13731	0.07604	0.07513	3.53E-03	7.10E-06	7.23E-06	4.52E-05	4.61E-05	9.18E-06	9.05E-06	3.6518E-03
606967.8	4201288.22	66634.81646	0.03648	0.03661	0.1428	0.14637	0.07418	0.07328	3.32E-03	7.58E-06	7.70E-06	4.81E-05	4.91E-05	8.96E-06	8.83E-06	3.4477E-03
606987.8	4201288.22	62774.4739	0.03907	0.03916	0.15272	0.15685	0.07237	0.07148	3.13E-03	8.11E-06	8.24E-06	5.14E-05	5.26E-05	8.74E-06	8.61E-06	3.2630E-03
607007.8	4201288.22	59236.55674	0.04203	0.04209	0.1642	0.16896	0.07061	0.06973	2.95E-03	8.73E-06	8.85E-06	5.53E-05	5.67E-05	8.53E-06	8.40E-06	3.0956E-03
607027.8	4201288.22	56006.90717	0.04527	0.04534	0.17727	0.18281	0.0689	0.06804	2.79E-03	9.40E-06	9.54E-06	5.97E-05	6.13E-05	8.32E-06	8.20E-06	2.9448E-03
607047.8	4201288.22	53056.41586	0.04874	0.04886	0.1921	0.19853	0.06726	0.06642	2.64E-03	1.01E-05	1.03E-05	6.47E-05	6.66E-05	8.12E-06	8.00E-06	2.8093E-03
607067.8	4201288.22	50338.46089	0.05252	0.05275	0.20939	0.21696	0.06567	0.06484	2.51E-03	1.09E-05	1.11E-05	7.05E-05	7.28E-05	7.93E-06	7.81E-06	2.6872E-03
607087.8	4201288.22	47832.94182	0.05654	0.05698	0.22969	0.23869	0.06412	0.06331	2.38E-03	1.17E-05	1.20E-05	7.74E-05	8.01E-05	7.74E-06	7.63E-06	2.5779E-03
607107.8	4201288.22	45521.41462	0.0607	0.06146	0.25367	0.26451	0.06263	0.06183	2.27E-03	1.26E-05	1.29E-05	8.54E-05	8.87E-05	7.56E-06	7.45E-06	2.4810E-03
607127.8	4201288.22	43366.24039	0.0652	0.06644	0.28345	0.29666	0.06117	0.06039	2.16E-03	1.35E-05	1.40E-05	9.55E-05	9.95E-05	7.39E-06	7.28E-06	2.3962E-03
607147.8	4201288.22	41366.34051	0.06983	0.07172	0.32028	0.33677	0.05976	0.05899	2.06E-03	1.45E-05	1.51E-05	1.08E-04	1.13E-04	7.22E-06	7.11E-06	2.3242E-03
607167.8	4201288.22	39518.05454	0.07433	0.07696	0.36549	0.38646	0.0584	0.05765	1.97E-03	1.54E-05	1.62E-05	1.23E-04	1.30E-04	7.05E-06	6.95E-06	2.2658E-03
607187.8	4201288.22	37801.45708	0.07884	0.0822	0.42267	0.44996	0.05708	0.05635	1.88E-03	1.64E-05	1.73E-05	1.42E-04	1.51E-04	6.89E-06	6.79E-06	2.2226E-03
607207.8	4201288.22	36192.15676	0.08401	0.088	0.49968	0.53676	0.0558	0.05508	1.80E-03	1.74E-05	1.85E-05	1.68E-04	1.80E-04	6.74E-06	6.64E-06	2.1995E-03
607227.8	4201288.22	34682.28588	0.09031	0.0948	0.60809	0.66023	0.05456	0.05385	1.73E-03	1.88E-05	1.99E-05	2.05E-04	2.21E-04	6.59E-06	6.49E-06	2.2047E-03
607247.8	4201288.22	33275.26392	0.09736	0.10242	0.76149	0.83973	0.05335	0.05266	1.66E-03	2.02E-05	2.15E-05	2.56E-04	2.82E-04	6.44E-06	6.35E-06	2.2493E-03
607267.8	4201288.22	31959.48964	0.10543	0.11128	0.9991	1.12983	0.05219	0.05152	1.59E-03	2.19E-05	2.34E-05	3.36E-04	3.79E-04	6.30E-06	6.21E-06	2.3644E-03
607287.8	4201288.22	30722.2616	0.11476	0.12172	1.41168	1.66418	0.05106	0.0504	1.53E-03	2.38E-05	2.56E-05	4.75E-04	5.58E-04	6.17E-06	6.07E-06	2.6248E-03

607307.8	4201288.22	29561.2475	0.12528	0.13368	2.25161	2.84877	0.04997	0.04932	1.47E-03	2.60E-05	2.81E-05	7.58E-04	9.56E-04	6.03E-06	5.94E-06	3.2517E-03
606527.8	4201308.22	666405.3411	0.01275	0.0129	0.05564	0.05641	0.13724	0.13615	3.32E-02	2.65E-06	2.71E-06	1.87E-05	1.89E-05	1.66E-05	1.64E-05	3.3253E-02
606547.8	4201308.22	573935.0434	0.01319	0.01333	0.05734	0.05815	0.13328	0.13217	2.86E-02	2.74E-06	2.80E-06	1.93E-05	1.95E-05	1.61E-05	1.59E-05	2.8650E-02
606567.8	4201308.22	461326.2056	0.01367	0.01382	0.05922	0.06007	0.12946	0.12832	2.30E-02	2.84E-06	2.91E-06	1.99E-05	2.01E-05	1.56E-05	1.55E-05	2.3044E-02
606587.8	4201308.22	385555.4793	0.01419	0.01434	0.06119	0.06209	0.12579	0.12462	1.92E-02	2.95E-06	3.02E-06	2.06E-05	2.08E-05	1.52E-05	1.50E-05	1.9273E-02
606607.8	4201308.22	330511.2884	0.01469	0.01484	0.06316	0.06412	0.12225	0.12108	1.65E-02	3.05E-06	3.12E-06	2.13E-05	2.15E-05	1.48E-05	1.46E-05	1.6533E-02
606627.8	4201308.22	287221.9915	0.01525	0.0154	0.06534	0.06635	0.11881	0.11764	1.43E-02	3.17E-06	3.24E-06	2.20E-05	2.23E-05	1.43E-05	1.42E-05	1.4379E-02
606647.8	4201308.22	252604.7473	0.01582	0.01597	0.06758	0.06866	0.1155	0.11433	1.26E-02	3.29E-06	3.36E-06	2.28E-05	2.30E-05	1.39E-05	1.38E-05	1.2656E-02
606667.8	4201308.22	224177.246	0.01641	0.01656	0.06994	0.07109	0.11231	0.11113	1.12E-02	3.41E-06	3.48E-06	2.36E-05	2.38E-05	1.36E-05	1.34E-05	1.1242E-02
606687.8	4201308.22	200335.0714	0.01705	0.0172	0.07249	0.07372	0.10921	0.10804	9.97E-03	3.54E-06	3.62E-06	2.44E-05	2.47E-05	1.32E-05	1.30E-05	1.0056E-02
606707.8	4201308.22	180076.2552	0.01776	0.01791	0.07529	0.07661	0.10622	0.10505	8.97E-03	3.69E-06	3.77E-06	2.54E-05	2.57E-05	1.28E-05	1.27E-05	9.0492E-03
606727.8	4201308.22	162814.7392	0.01852	0.01866	0.07828	0.07969	0.10332	0.10216	8.11E-03	3.85E-06	3.93E-06	2.64E-05	2.67E-05	1.25E-05	1.23E-05	8.1915E-03
606747.8	4201308.22	147869.8145	0.01937	0.01952	0.08159	0.08309	0.10051	0.09936	7.36E-03	4.02E-06	4.11E-06	2.75E-05	2.79E-05	1.21E-05	1.20E-05	7.4494E-03
606767.8	4201308.22	135033.4598	0.02024	0.02038	0.08502	0.08661	0.09781	0.09667	6.72E-03	4.20E-06	4.29E-06	2.86E-05	2.91E-05	1.18E-05	1.17E-05	6.8124E-03
606787.8	4201308.22	123834.169	0.02118	0.02131	0.08869	0.09037	0.0952	0.09407	6.17E-03	4.40E-06	4.48E-06	2.99E-05	3.03E-05	1.15E-05	1.13E-05	6.2571E-03
606807.8	4201308.22	113985.7813	0.02219	0.02232	0.09265	0.09444	0.09267	0.09156	5.67E-03	4.61E-06	4.70E-06	3.12E-05	3.17E-05	1.12E-05	1.10E-05	5.7693E-03
606827.8	4201308.22	105233.4055	0.02335	0.02347	0.09707	0.09897	0.09022	0.08912	5.24E-03	4.85E-06	4.94E-06	3.27E-05	3.32E-05	1.09E-05	1.07E-05	5.3364E-03
606847.8	4201308.22	97491.95713	0.02462	0.02473	0.10209	0.1044	0.08784	0.08676	4.85E-03	5.11E-06	5.20E-06	3.44E-05	3.50E-05	1.06E-05	1.05E-05	4.9545E-03
606867.8	4201308.22	90584.55627	0.02633	0.02643	0.10761	0.10976	0.08555	0.08448	4.51E-03	5.47E-06	5.56E-06	3.62E-05	3.68E-05	1.03E-05	1.02E-05	4.6144E-03
606887.8	4201308.22	84418.49051	0.02781	0.02794	0.11314	0.11546	0.08333	0.08228	4.20E-03	5.78E-06	5.88E-06	3.81E-05	3.87E-05	1.01E-05	9.92E-06	4.3113E-03
606907.8	4201308.22	78861.66545	0.02949	0.02962	0.11924	0.1218	0.08118	0.08015	3.93E-03	6.12E-06	6.23E-06	4.02E-05	4.09E-05	9.80E-06	9.66E-06	4.0390E-03
606927.8	4201308.22	73854.74343	0.03131	0.0314	0.1262	0.12906	0.0791	0.07809	3.68E-03	6.50E-06	6.61E-06	4.25E-05	4.33E-05	9.55E-06	9.41E-06	3.7948E-03
606947.8	4201308.22	69308.91965	0.03336	0.03342	0.13407	0.13732	0.07708	0.07609	3.45E-03	6.93E-06	7.03E-06	4.52E-05	4.61E-05	9.31E-06	9.17E-06	3.5742E-03
606967.8	4201308.22	65206.26464	0.03558	0.03561	0.14273	0.14635	0.07514	0.07416	3.25E-03	7.39E-06	7.49E-06	4.81E-05	4.91E-05	9.07E-06	8.94E-06	3.3764E-03
606987.8	4201308.22	61441.90041	0.03814	0.03815	0.15277	0.15694	0.07325	0.07229	3.06E-03	7.92E-06	8.03E-06	5.15E-05	5.26E-05	8.84E-06	8.71E-06	3.1965E-03
607007.8	4201308.22	58011.76285	0.04095	0.04094	0.16423	0.16903	0.07142	0.07048	2.89E-03	8.50E-06	8.61E-06	5.53E-05	5.67E-05	8.62E-06	8.49E-06	3.0344E-03
607027.8	4201308.22	54877.04257	0.04399	0.04401	0.17722	0.18282	0.06966	0.06873	2.73E-03	9.13E-06	9.26E-06	5.97E-05	6.13E-05	8.41E-06	8.28E-06	2.8882E-03
607047.8	4201308.22	52012.00991	0.04718	0.04728	0.19205	0.19855	0.06796	0.06705	2.59E-03	9.80E-06	9.95E-06	6.47E-05	6.66E-05	8.21E-06	8.08E-06	2.7568E-03
607067.8	4201308.22	49364.35522	0.05063	0.0509	0.20959	0.21719	0.06631	0.06542	2.46E-03	1.05E-05	1.07E-05	7.06E-05	7.28E-05	8.01E-06	7.88E-06	2.6382E-03
607087.8	4201308.22	46925.28309	0.05421	0.05474	0.2301	0.23926	0.06471	0.06384	2.34E-03	1.13E-05	1.15E-05	7.75E-05	8.03E-05	7.81E-06	7.69E-06	2.5322E-03
607107.8	4201308.22	44661.53223	0.05798	0.05888	0.25498	0.2661	0.06316	0.06231	2.22E-03	1.20E-05	1.24E-05	8.59E-05	8.93E-05	7.63E-06	7.51E-06	2.4382E-03
607127.8	4201308.22	42571.32868	0.06171	0.06311	0.2848	0.29851	0.06166	0.06083	2.12E-03	1.28E-05	1.33E-05	9.59E-05	1.00E-04	7.45E-06	7.33E-06	2.3563E-03
607147.8	4201308.22	40623.32467	0.06559	0.06759	0.32225	0.33948	0.06021	0.0594	2.02E-03	1.36E-05	1.42E-05	1.09E-04	1.14E-04	7.27E-06	7.16E-06	2.2871E-03
607167.8	4201308.22	38813.1936	0.06957	0.07219	0.36946	0.3914	0.0588	0.05801	1.93E-03	1.44E-05	1.52E-05	1.24E-04	1.31E-04	7.10E-06	6.99E-06	2.2318E-03
607187.8	4201308.22	37143.0451	0.07334	0.07647	0.42761	0.4563	0.05745	0.05668	1.85E-03	1.52E-05	1.61E-05	1.44E-04	1.53E-04	6.94E-06	6.83E-06	2.1913E-03
607207.8	4201308.22	35579.20924	0.07769	0.0812	0.50504	0.54345	0.05614	0.05538	1.77E-03	1.61E-05	1.71E-05	1.70E-04	1.82E-04	6.78E-06	6.67E-06	2.1704E-03
607227.8	4201308.22	34109.75778	0.08284	0.08675	0.61169	0.66554	0.05487	0.05413	1.70E-03	1.72E-05	1.82E-05	2.06E-04	2.23E-04	6.63E-06	6.52E-06	2.1760E-03
607247.8	4201308.22	32738.21264	0.08878	0.09309	0.76579	0.84623	0.05364	0.05291	1.63E-03	1.84E-05	1.96E-05	2.58E-04	2.84E-04	6.48E-06	6.38E-06	2.2225E-03
607267.8	4201308.22	31455.93682	0.09557	0.10049	1.00584	1.13766	0.05245	0.05174	1.57E-03	1.98E-05	2.11E-05	3.39E-04	3.82E-04	6.33E-06	6.24E-06	2.3399E-03
607287.8	4201308.22	30251.50354	0.10327	0.10905	1.42235	1.67258	0.0513	0.0506	1.51E-03	2.14E-05	2.29E-05	4.79E-04	5.61E-04	6.19E-06	6.10E-06	2.6028E-03
607307.8	4201308.22	29119.68279	0.11189	0.11877	2.26925	2.85812	0.05018	0.04951	1.45E-03	2.32E-05	2.50E-05	7.64E-04	9.59E-04	6.06E-06	5.97E-06	3.2329E-03
606527.8	4201328.22	655173.5912	0.01245	0.01257	0.0557	0.05649	0.142	0.14062	3.26E-02	2.59E-06	2.64E-06	1.88E-05	1.89E-05	1.71E-05	1.69E-05	3.2695E-02
606547.8	4201328.22	562903.5672	0.01289	0.01302	0.05746	0.05829	0.13768	0.13631	2.80E-02	2.68E-06	2.74E-06	1.94E-05	1.96E-05	1.66E-05	1.64E-05	2.8102E-02
606567.8	4201328.22	450273.8847	0.01339	0.01352	0.05938	0.06026	0.13355	0.13215	2.24E-02	2.78E-06	2.84E-06	2.00E-05	2.02E-05	1.61E-05	1.59E-05	2.2495E-02
606587.8	4201328.22	373929.6396	0.01394	0.01407	0.06147	0.06239	0.12955	0.12815	1.86E-02	2.89E-06	2.96E-06	2.07E-05	2.09E-05	1.56E-05	1.54E-05	1.8695E-02
606607.8	4201328.22	318489.2294	0.01451	0.01464	0.06362	0.06459	0.12569	0.1243	1.59E-02	3.01E-06	3.08E-06	2.14E-05	2.17E-05	1.52E-05	1.50E-05	1.5936E-02
606627.8	4201328.22	276391.6826	0.01506	0.01519	0.06577	0.0668	0.122	0.12061	1.38E-02	3.13E-06	3.20E-06	2.22E-05	2.24E-05	1.47E-05	1.45E-05	1.3840E-02
606647.8	4201328.22	243198.35	0.0156	0.01572	0.06794	0.06904	0.11846	0.11709	1.21E-02	3.24E-06	3.31E-06	2.29E-05	2.32E-05	1.43E-05	1.41E-05	1.2189E-02
606667.8	4201328.22	215938.5703	0.01617	0.01629	0.07025	0.07142	0.11506	0.1137	1.08E-02	3.36E-06	3.43E-06	2.37E-05	2.40E-05	1.39E-05	1.37E-05	1.0833E-02
606687.8	4201328.22	193165.7938	0.01677	0.01689	0.07273	0.07398	0.11178	0.11044	9.62E-03	3.48E-06	3.55E-06	2.45E-05	2.48E-05	1.35E-05	1.33E-05	9.7000E-03
606707.8	4201328.22	173992.3752	0.01741	0.01752	0.07533	0.07667	0.10863	0.1073	8.66E-03	3.62E-06	3.69E-06	2.54E-05	2.57E-05	1.31E-05	1.29E-05	8.7467E-03
606727.8	4201328.22	157402.6156	0.01816	0.01826	0.0783	0.07974	0.10555	0.10424	7.84E-03	3.77E-06	3.84E-06	2.64E-05	2.67E-05	1.27E-05	1.26E-05	7.9224E-03
606747.8	4201328.22	143136.2774	0.01897	0.01907	0.08151	0.08304	0.10259	0.1013	7.13E-03	3.94E-06	4.01E-06	2.75E-05	2.79E-05	1.24E-05	1.22E-05	7.2140E-03
606767.8	4201328.22	130733.0054	0.01987	0.01997	0.08504	0.08666	0.09972	0.09845	6.51E-03	4.13E-06	4.20E-06	2.86E-05	2.91E-05	1.20E-05	1.19E-05	6.5986E-03
606787.8	4201328.22	119976.2222	0.0208	0.02089	0.08873	0.09046	0.09696	0.09571	5.97E-03	4.32E-06	4.39E-06	2.99E-05	3.03E-05	1.17E-05	1.15E-05	6.0653E-03
606807.8	4201328.22	110556.9601	0.02179	0.02187	0.09265	0.09448	0.09431	0.09308	5.50E-03	4.52E-06	4.60E-06	3.12E-05	3.17E-05	1.14E-05	1.12E-05	5.5988E-03
606827.8	4201328.22	102206.7558	0.02288	0.02295	0.09694	0.09893	0.09174	0.09053	5.09E-03	4.75E-06	4.83E-06	3.26E-05	3.32E-05	1.11E-05	1.09E-05	5.1858E-03
606847.8	4201328.22	94776.44387	0.02411	0.02417	0.10191	0.10429	0.08926	0.08807	4.72E-03	5.01E-06	5.08E-06	3.43E-05	3.50E-05	1.08E-05	1.06E-05	4.8193E-03
606867.8	4201328.22	88147.2677	0.02571	0.02574	0.10746	0.10968	0.08686	0.08569	4.39E-03	5.34E-06	5.41E-06	3.62E-05	3.68E-05	1.05E-05	1.03E-05	4.4930E-03
606887.8	4201328.22	82201.91927	0.0272	0.02727	0.11306	0.11544	0.08454	0.08339	4.09E-03	5.65E-06	5.74E-06	3.81E-05	3.87E-05	1.02E-05	1.01E-05	4.2009E-03
606907.8	4201328.22	76864.52462	0.02883	0.02886	0.11913	0.12173	0.0823	0.08118	3.83E-03	5.99E-06	6.07E-06	4.01E-05	4.08E-05	9.94E-06	9.78E-06	3.9395E-03
606927.8	4201328.22	72037.07619	0.03061	0.03061	0.12598	0.12886	0.08014	0.07904	3.59E-03	6.36E-06	6.44E-06	4.24E-05	4.32E-05	9.68E-06	9.53E-06	3.7041E-03
606947.8	4201328.22	67657.19562	0.0326	0.03258	0.13377	0.137	0.07804	0.07696	3.37E-03	6.77E-06	6.85E-06	4.51E-05	4.60E-05	9.42E-06	9.28E-06	3.4917E-03
606967.8	4201328.22	63677.18159	0.0348	0.03475	0.14243	0.14612	0.07602	0.07496	3.17E-03	7.23E-06	7.31E-06	4.80E-05	4.90E-05	9.18E-06	9.03E-06	3.2999E-03
606987.8	4201328.22	60051.72812	0.03721	0.03716	0.15239	0.15657	0.07406	0.07303	2.99E-03	7.73E-06	7.82E-06	5.13E-05	5.25E-05	8.94E-06	8.80E-06	3.1268E-03
607007.8	4201328.22	56729.36403	0.03988	0.03984	0.16379	0.16859	0.07217	0.07116	2.82E-03	8.28E-06	8.38E-06	5.52E-05	5.65E-05	8.71E-06	8.58E-06	2.9700E-03
607027.8	4201328.22	53685.69465	0.04275	0.04277	0.17685	0.18242	0.07034	0.06935	2.67E-03	8.88E-06	9.00E-06	5.96E-05	6.12E-05	8.49E-06	8.36E-06	2.8282E-03
607047.8	4201328.22	50916.4292	0.04563	0.04577	0.19152	0.19799	0.06859	0.06762	2.53E-03	9.48E-06	9.63E-06	6.45E-05	6.64E-05	8.28E-06	8.15E-06	2.7013E-03
607067.8	4201328.22	48349.50463	0.04871	0.04906	0.20906	0.21661	0.06688	0.06594	2.41E-03	1.01E-05	1.03E-05	7.04E-05	7.27E-05	8.08E-06	7.95E-06	2.5866E-03
607087.8	4201328.22	45969.85203	0.05195	0.0526	0.23008	0.23923	0.06523	0.06431	2.29E-03	1.08E-05	1.11E-05	7.75E-05	8.02E-05	7.88E-06	7.75E-06	2.4838E-03
607107.8	4201328.22	43772.85563	0.05518	0.05623	0.25517	0.2664	0.06363	0.06273	2.18E-03	1.15E-05	1.18E-05	8.59E-05	8.94E-05	7.68E-06	7.56E-06	2.3931E-03
607127.8	4201328.22	41729.43169	0.05852	0.06006	0.28624	0.30028	0.06208	0.0612	2.08E-03	1.22E-05	1.26E-05	9.64E-05	1.01E-04	7.50E-06	7.38E-06	2.3143E-03
607147.8	4201328.22	39832.40274	0.06182	0.06393	0.32419	0.34159	0.06058	0.05973	1.98E-03	1.28E-05	1.34E-05	1.09E-04	1.15E-04	7.32E-06	7.20E-06	2.2476E-03
607167.8	4201328.22	38071.81146	0.06493	0.06751	0.37016	0.39253	0.05914	0.0583	1.90E-03	1.35E-05	1.42E-05	1.25E-04	1.32E-04	7.14E-06	7.03E-06	2.1936E-03
607187.8	4201328.22	36452.23187	0.06815	0.07106	0.42831	0.45782	0.05776	0.05694	1.81E-03	1.42E-05	1.49E-05	1.44E-04	1.54E-04	6.97E-06	6.86E-06	2.1555E-03
607207.8	4201328.22	34939.88972	0.07184	0.07496	0.50495	0.5451	0.05642	0.05563	1.74E-03	1.49E-05	1.58E-05	1.70E-04	1.83E-04	6.81E-06	6.70E-06	2.1366E-03
607227.8	4201328.22	33515.65311	0.07625	0.07957	0.61066	0.66734	0.05513	0.05435	1.67E-03	1.58E-05	1.67E-05	2.06E-04	2.24E-04	6.66E-06	6.55E-06	2.1439E-03
607247.8	4201328.22	32182.95743	0.08136	0.08502	0.76392	0.84844	0.05387	0.05312	1.60E-03	1.69E-05	1.79E-05	2.57E-04	2.85E-04	6.50E-06	6.40E-06	2.1918E-03
607267.8	4201328.22	30933.65852	0.08714	0.09133	1.00369	1.14056	0.05266	0.05192	1.54E-03	1.81E-05	1.92E-05	3.38E-04	3.83E-04	6.36E-06	6.26E-06	2.3106E-03
607287.8	4201328.22	29766.31057	0.0936	0.09844	1.42281	1.67688	0.05149	0.05077	1.48E-03	1.94E-05	2.07E-05	4.79E-04	5.62E-04	6.22E-06	6.12E-06	2.5760E-03
607307.8	4201328.22	28662.95871	0.10081	0.1065	2.28533	2.86435	0.05035	0.04965	1.43E-03	2.09E-05	2.24E-05	7.70E-04	9.61E-04	6.08E-06	5.98E-06	3.2128E-03
606527.8	4201348.22	636453.3432	0.01219	0.0123	0.05583	0.05664	0.14657	0.1449	3.17E-02	2.53E-06	2.59E-06	1.88E-05	1.90E-05	1.77E-05	1.75E-05	3.1764E-02
606547.8	4201348.22	543958.8099	0.01269	0.0128	0.05776	0.05861	0.1419	0.14022	2.71E-02	2.64E-06	2.69E-06	1.95E-05	1.97E-05	1.71E-05	1.69E-05	2.7160E-02
606567.8	4201348.22	431197.5593	0.01325	0.01336	0.05986	0.06075	0.13739	0.13574	2.15E-02	2.75E-06	2.81E-06	2.02E-05	2.04E-05	1.66E-05	1.64E-05	2.1546E-02
606587.8	4201348.22	356431.5656	0.01381	0.01392	0.06196	0.0629	0.13307	0.13143	1.77E-02	2.87E-06	2.93E-06	2.09E-05	2.11E-05	1.61E-05	1.58E-05	1.7825E-02
606607.8	4201348.22	302842.6105	0.01438	0.01449	0.0641	0.06509	0.12892	0.12731	1.51E-02	2.99E-06	3.05E-06	2.16E-05	2.18E-05	1.56E-05	1.53E-05	1.5158E-02
606627.8	4201348.22	262818.2522	0.01492	0.01502	0.06622	0.06728	0.12499	0.1234	1.31E-02	3.10E-06	3.16E-06	2.23E-05	2.26E-05	1.51E-05	1.49E-05	1.3166E-02
606647.8	4201348.22	231433.6504	0.01544	0.01555	0.06837	0.06949	0.12124	0.11967	1.15E-02	3.21E-06	3.27E-06	2.30E-05	2.33E-05	1.46E-05	1.44E-05	1.1604E-02
606667.8	4201348.22	205800.1365	0.016	0.0161	0.07065	0.07185	0.11764	0.11609	1.02E-02	3.32E-06	3.39E-06	2.38E-05	2.41E-05	1.42E-05	1.40E-05	1.0329E-02
606687.8	4201348.22	184409.8655	0.0166	0.01669	0.0731	0.07438	0.11416	0.11264	9.18E-03	3.45E-06	3.51E-06	2.46E-05	2.49E-05	1.38E-05	1.36E-05	9.2648E-03
606707.8	4201348.22	166501.2083	0.0172	0.01728	0.07563	0.07699	0.11084	0.10935	8.29E-03	3.57E-06	3.64E-06	2.55E-05	2.58E-05	1.34E-05	1.32E-05	8.3744E-03
606727.8	4201348.22	151101.3024	0.01787	0.01794	0.07838	0.07984	0.10763	0.10617	7.52E-03	3.71E-06	3.77E-06	2.64E-05	2.68E-05	1.30E-05	1.28E-05	7.6091E-03
606747.8	4201348.22	137749.8139	0.01861	0.01868	0.08142	0.08298	0.10453	0.10309	6.86E-03	3.86E-06	3.93E-06	2.74E-05	2.78E-05	1.26E-05	1.24E-05	6.9460E-03
606767.8	4201348.22	125982.0162	0.0195	0.01957	0.08494	0.0866	0.10151	0.1001	6.27E-03	4.05E-06	4.12E-06	2.86E-05	2.90E-05	1.23E-05	1.21E-05	6.3622E-03
606787.8	4201348.22	115751.0602	0.02044	0.02049	0.08867	0.09043	0.09861	0.09723	5.76E-03	4.24E-06	4.31E-06	2.99E-05	3.03E-05	1.19E-05	1.17E-05	5.8551E-03
606807.8	4201348.22	106741.5888	0.02149	0.02153	0.09296	0.0951	0.09581	0.09446	5.31E-03	4.46E-06	4.53E-06	3.13E-05	3.19E-05	1.16E-05	1.14E-05	5.4093E-03
606827.8	4201348.22	98853.97541	0.02253	0.02256	0.09714	0.09941	0.09314	0.09181	4.92E-03	4.68E-06	4.75E-06	3.27E-05	3.33E-05	1.12E-05	1.11E-05	5.0193E-03
606847.8	4201348.22	91819.59774	0.02384	0.02371	0.1018	0.1042	0.09055	0.08926	4.57E-03	4.95E-06	4.99E-06	3.43E-05	3.49E-05	1.09E-05	1.08E-05	4.6722E-03
606867.8	4201348.22	85503.10441	0.02522	0.02522	0.10725	0.1095	0.08805	0.08678	4.26E-03	5.24E-06	5.31E-06	3.61E-05	3.67E-05	1.06E-05	1.05E-05	4.3613E-03
606887.8	4201348.22	79832.26217	0.02666	0.02666	0.11285	0.11528	0.08564	0.0844	3.97E-03	5.54E-06	5.61E-06	3.80E-05	3.87E-05	1.03E-05	1.02E-05	4.0828E-03
606907.8	4201348.22	74730.7938	0.02825	0.02822	0.11889	0.12153	0.08332	0.08211	3.72E-03	5.87E-06	5.94E-06	4.00E-05	4.08E-05	1.01E-05	9.90E-06	3.8331E-03
606927.8	4201348.22	70107.74652	0.03	0.02994	0.12572	0.12863	0.08107	0.07989	3.49E-03	6.23E-06	6.30E-06	4.23E-05	4.31E-05	9.79E-06	9.63E-06	3.6078E-03
606947.8	4201348.22	65913.5244	0.03192	0.03183	0.13336	0.1366	0.07891	0.07775	3.28E-03	6.63E-06	6.70E-06	4.49E-05	4.58E-05	9.53E-06	9.37E-06	3.4045E-03
606967.8	4201348.22	62090.31938	0.03403	0.03394	0.14196	0.14567	0.07681	0.07569	3.09E-03	7.07E-06	7.14E-06	4.78E-05	4.89E-05	9.27E-06	9.12E-06	3.2205E-03
606987.8	4201348.22	58608.37755	0.0363	0.03622	0.15161	0.15573	0.0748	0.0737	2.92E-03	7.54E-06	7.62E-06	5.11E-05	5.22E-05	9.03E-06	8.88E-06	3.0542E-03
607007.8	4201348.22	55412.18047	0.03876	0.03873	0.16282	0.16757	0.07284	0.07177	2.76E-03	8.05E-06	8.15E-06	5.48E-05	5.62E-05	8.80E-06	8.65E-06	2.9034E-03
607027.8	4201348.22	52453.57737	0.04148	0.04154	0.17606	0.18158	0.07094	0.0699	2.61E-03	8.61E-06	8.74E-06	5.93E-05	6.09E-05	8.57E-06	8.42E-06	2.7660E-03
607047.8	4201348.22	49766.37283	0.04414	0.04437	0.19085	0.19724	0.06913	0.06811	2.48E-03	9.17E-06	9.33E-06	6.43E-05	6.62E-05	8.35E-06	8.21E-06	2.6431E-03
607067.8	4201348.22	47267.37395	0.04699	0.04746	0.20884	0.21633	0.06736	0.06637	2.35E-03	9.76E-06	9.98E-06	7.03E-05	7.26E-05	8.13E-06	8.00E-06	2.5320E-03
607087.8	4201348.22	44966.06192	0.04982	0.05061	0.23002	0.23917	0.06566	0.0647	2.24E-03	1.03E-05	1.06E-05	7.75E-05	8.02E-05	7.93E-06	7.80E-06	2.4331E-03
607107.8	4201348.22	42837.30288	0.05263	0.05382	0.25556	0.26683	0.06402	0.06308	2.13E-03	1.09E-05	1.13E-05	8.61E-05	8.95E-05	7.73E-06	7.60E-06	2.3458E-03
607127.8	4201348.22	40852.02152	0.05542	0.05709	0.28654	0.30036	0.06243	0.06151	2.03E-03	1.15E-05	1.20E-05	9.65E-05	1.01E-04	7.54E-06	7.41E-06	2.2696E-03
607147.8	4201348.22	39019.74898	0.05793	0.06	0.32315	0.34048	0.0609	0.06	1.94E-03	1.20E-05	1.26E-05	1.09E-04	1.14E-04	7.35E-06	7.23E-06	2.2049E-03
607167.8	4201348.22	37319.05078	0.06049	0.06286	0.36845	0.3908	0.05942	0.05855	1.86E-03	1.26E-05	1.32E-05	1.24E-04	1.31E-04	7.17E-06	7.06E-06	2.1531E-03
607187.8	4201348.22	35744.06387	0.06332	0.06588	0.42602	0.45569	0.05801	0.05716	1.78E-03	1.31E-05	1.39E-05	1.43E-04	1.53E-04	7.00E-06	6.89E-06	2.1168E-03
607207.8	4201348.22	34280.84514	0.0666	0.06928	0.5016	0.54242	0.05665	0.05583	1.71E-03	1.38E-05	1.46E-05	1.69E-04	1.82E-04	6.84E-06	6.73E-06	2.0995E-03
607227.8	4201348.22	32904.57321	0.07048	0.07331	0.60518	0.66373	0.05533	0.05453	1.64E-03	1.46E-05	1.54E-05	2.04E-04	2.23E-04	6.68E-06	6.57E-06	2.1079E-03
607247.8	4201348.22	31610.29057	0.07492	0.07805	0.75487	0.84369	0.05406	0.05327	1.57E-03	1.56E-05	1.64E-05	2.54E-04	2.83E-04	6.53E-06	6.42E-06	2.1559E-03
607267.8	4201348.22	30399.03391	0.07989	0.08345	0.98814	1.13428	0.05282	0.05206	1.51E-03	1.66E-05	1.76E-05	3.33E-04	3.80E-04	6.38E-06	6.27E-06	2.2735E-03
607287.8	4201348.22	29266.53308	0.08538	0.08949	1.39543	1.6688	0.05164	0.05089	1.46E-03	1.77E-05	1.88E-05	4.70E-04	5.60E-04	6.24E-06	6.13E-06	2.5357E-03
607307.8	4201348.22	28194.29685	0.09148	0.09625	2.23712	2.85457	0.05048	0.04976	1.40E-03	1.90E-05	2.02E-05	7.53E-04	9.57E-04	6.10E-06	6.00E-06	3.1659E-03
606527.8	4201368.22	605870.061	0.01208	0.01217	0.0563	0.05714	0.15086	0.14887	3.02E-02	2.51E-06	2.56E-06	1.90E-05	1.92E-05	1.82E-05	1.79E-05	3.0243E-02
606547.8	4201368.22	514296.9013	0.01266	0.01275	0.05846	0.05933	0.14578	0.14383	2.56E-02	2.63E-06	2.68E-06	1.97E-05	1.99E-05	1.76E-05	1.73E-05	2.5684E-02
606567.8	4201368.22	405000.1809	0.0132	0.01329	0.06049	0.0614	0.14094	0.13902	2.02E-02	2.74E-06	2.80E-06	2.04E-05	2.06E-05	1.70E-05	1.68E-05	2.0243E-02
606587.8	4201368.22	334137.7546	0.01372	0.01381	0.06246	0.06349	0.13635	0.13448	1.66E-02	2.85E-06	2.91E-06	2.10E-05	2.13E-05	1.65E-05	1.62E-05	1.6716E-02
606607.8	4201368.22	284099.9993	0.01451	0.01458	0.06489	0.06589	0.13198	0.13014	1.41E-02	3.01E-06	3.07E-06	2.19E-05	2.21E-05	1.59E-05	1.57E-05	1.4226E-02
606627.8	4201368.22	246455.2335	0.01517	0.01528	0.0671	0.06816	0.12778	0.12598	1.23E-02	3.15E-06	3.21E-06	2.26E-05	2.29E-05	1.54E-05	1.52E-05	1.2352E-02
606647.8	4201368.22	217322.43	0.01573	0.01584	0.06932	0.07044	0.1238	0.12203	1.08E-02	3.27E-06	3.33E-06	2.33E-05	2.36E-05	1.49E-05	1.47E-05	1.0903E-02
606667.8	4201368.22	193941.1709	0.01626	0.01636	0.0716	0.07279	0.12	0.11827	9.66E-03	3.38E-06	3.44E-06	2.41E-05	2.44E-05	1.45E-05	1.43E-05	9.7396E-03
606687.8	4201368.22	174489.4571	0.01678	0.01687	0.074	0.07529	0.11637	0.11467	8.69E-03	3.48E-06	3.55E-06	2.49E-05	2.53E-05	1.41E-05	1.38E-05	8.7721E-03
606707.8	4201368.22	158019.5579	0.01732	0.01735	0.07652	0.07789	0.11288	0.11122	7.87E-03	3.60E-06	3.65E-06	2.58E-05	2.61E-05	1.36E-05	1.34E-05	7.9533E-03
606727.8	4201368.22	144017.9858	0.01766	0.01771	0.07861	0.0801	0.10954	0.10792	7.17E-03	3.67E-06	3.73E-06	2.65E-05	2.69E-05	1.32E-05	1.30E-05	7.2570E-03
606747.8	4201368.22	131745.9317	0.01834	0.01838	0.08145	0.08304	0.10631	0.10473	6.56E-03	3.81E-06	3.87E-06	2.74E-05	2.79E-05	1.28E-05	1.26E-05	6.6475E-03
606767.8	4201368.22	120844.2622	0.01917	0.0192	0.0848	0.08649	0.10317	0.10163	6.02E-03	3.98E-06	4.04E-06	2.86E-05	2.90E-05	1.25E-05	1.22E-05	6.1066E-03
606787.8	4201368.22	111190.5108	0.02013	0.02015	0.08865	0.09056	0.10012	0.09861	5.54E-03	4.18E-06	4.24E-06	2.99E-05	3.04E-05	1.21E-05	1.19E-05	5.6283E-03
606807.8	4201368.22	102735.8312	0.02135	0.02131	0.09321	0.09512	0.0972	0.09573	5.11E-03	4.43E-06	4.48E-06	3.14E-05	3.19E-05	1.17E-05	1.15E-05	5.2103E-03
606827.8	4201368.22	95291.62813	0.02241	0.02241	0.09748	0.09948	0.09441	0.09297	4.74E-03	4.65E-06	4.71E-06	3.28E-05	3.34E-05	1.14E-05	1.12E-05	4.8423E-03
606847.8	4201368.22	88632.39426	0.02359	0.02359	0.10215	0.10429	0.09171	0.09031	4.41E-03	4.90E-06	4.96E-06	3.44E-05	3.50E-05	1.11E-05	1.09E-05	4.5138E-03
606867.8	4201368.22	82673.76341	0.02486	0.02485	0.10718	0.10946	0.08912	0.08776	4.12E-03	5.16E-06	5.23E-06	3.61E-05	3.67E-05	1.08E-05	1.06E-05	4.2205E-03
606887.8	4201368.22	77302.68357	0.02629	0.02624	0.11269	0.1151	0.08662	0.08529	3.85E-03	5.46E-06	5.52E-06	3.80E-05	3.86E-05	1.05E-05	1.03E-05	3.9568E-03
606907.8	4201368.22	72459.71505	0.02782	0.02774	0.11872	0.12139	0.08422	0.08292	3.61E-03	5.78E-06	5.84E-06	4.00E-05	4.07E-05	1.02E-05	9.99E-06	3.7199E-03
606927.8	4201368.22	68068.30583	0.02951	0.02941	0.12543	0.12837	0.0819	0.08064	3.39E-03	6.13E-06	6.19E-06	4.22E-05	4.31E-05	9.89E-06	9.72E-06	3.5060E-03
606947.8	4201368.22	64074.94469	0.03135	0.03123	0.13292	0.13624	0.07967	0.07844	3.19E-03	6.51E-06	6.57E-06	4.48E-05	4.57E-05	9.62E-06	9.45E-06	3.3126E-03
606967.8	4201368.22	60446.64002	0.0333	0.03319	0.14127	0.1449	0.07752	0.07633	3.01E-03	6.92E-06	6.98E-06	4.76E-05	4.86E-05	9.36E-06	9.20E-06	3.1380E-03
606987.8	4201368.22	57103.03769	0.03545	0.03537	0.1508	0.1549	0.07544	0.07428	2.84E-03	7.36E-06	7.44E-06	5.08E-05	5.20E-05	9.11E-06	8.95E-06	2.9785E-03
607007.8	4201368.22	54044.69133	0.03768	0.03768	0.1617	0.1664	0.07344	0.0723	2.69E-03	7.82E-06	7.93E-06	5.45E-05	5.58E-05	8.87E-06	8.71E-06	2.8343E-03
607027.8	4201368.22	51180.83661	0.04022	0.04035	0.17508	0.18056	0.07147	0.07037	2.55E-03	8.35E-06	8.49E-06	5.90E-05	6.06E-05	8.63E-06	8.48E-06	2.7015E-03
607047.8	4201368.22	48568.61481	0.04271	0.04305	0.19026	0.19646	0.06959	0.06852	2.42E-03	8.87E-06	9.06E-06	6.41E-05	6.59E-05	8.40E-06	8.26E-06	2.5826E-03
607067.8	4201368.22	46138.45194	0.04538	0.04598	0.20882	0.21635	0.06776	0.06672	2.30E-03	9.42E-06	9.67E-06	7.03E-05	7.26E-05	8.18E-06	8.04E-06	2.4752E-03
607087.8	4201368.22	43909.59305	0.04793	0.04888	0.23061	0.23957	0.06601	0.06499	2.19E-03	9.95E-06	1.03E-05	7.77E-05	8.04E-05	7.97E-06	7.83E-06	2.3801E-03
607107.8	4201368.22	41868.24795	0.0501	0.05142	0.25515	0.26604	0.06434	0.06335	2.08E-03	1.04E-05	1.08E-05	8.59E-05	8.92E-05	7.77E-06	7.63E-06	2.2962E-03
607127.8	4201368.22	39969.08991	0.05219	0.05385	0.28474	0.29812	0.06272	0.06176	1.99E-03	1.08E-05	1.13E-05	9.59E-05	1.00E-04	7.57E-06	7.44E-06	2.2230E-03
607147.8	4201368.22	38196.1238	0.05427	0.05622	0.3208	0.33757	0.06116	0.06022	1.90E-03	1.13E-05	1.18E-05	1.08E-04	1.13E-04	7.39E-06	7.26E-06	2.1606E-03
607167.8	4201368.22	36548.29333	0.05649	0.05862	0.36534	0.38689	0.05965	0.05874	1.82E-03	1.17E-05	1.23E-05	1.23E-04	1.30E-04	7.20E-06	7.08E-06	2.1107E-03
607187.8	4201368.22	35016.36057	0.05901	0.06122	0.42179	0.45036	0.0582	0.05732	1.74E-03	1.23E-05	1.29E-05	1.42E-04	1.51E-04	7.03E-06	6.91E-06	2.0755E-03
607207.8	4201368.22	33598.93868	0.06198	0.06426	0.49573	0.53516	0.05682	0.05596	1.67E-03	1.29E-05	1.35E-05	1.67E-04	1.79E-04	6.86E-06	6.74E-06	2.0592E-03
607227.8	4201368.22	32273.54167	0.06542	0.06785	0.59648	0.65371	0.05549	0.05465	1.61E-03	1.36E-05	1.43E-05	2.01E-04	2.19E-04	6.70E-06	6.59E-06	2.0681E-03
607247.8	4201368.22	31023.94585	0.06931	0.07201	0.74095	0.82928	0.05419	0.05338	1.54E-03	1.44E-05	1.51E-05	2.50E-04	2.78E-04	6.54E-06	6.43E-06	2.1148E-03
607267.8	4201368.22	29848.48575	0.07362	0.07669	0.9635	1.11208	0.05294	0.05215	1.49E-03	1.53E-05	1.61E-05	3.24E-04	3.73E-04	6.39E-06	6.29E-06	2.2276E-03
607287.8	4201368.22	28751.74729	0.07836	0.08185	1.34641	1.6324	0.05174	0.05097	1.43E-03	1.63E-05	1.72E-05	4.53E-04	5.48E-04	6.25E-06	6.14E-06	2.4783E-03
607307.8	4201368.22	27715.23389	0.08355	0.08758	2.11922	2.78616	0.05057	0.04983	1.38E-03	1.73E-05	1.84E-05	7.14E-04	9.35E-04	6.11E-06	6.01E-06	3.0759E-03
606527.8	4201388.22	556952.0625	0.01228	0.01236	0.05756	0.05847	0.15458	0.15231	2.77E-02	2.55E-06	2.60E-06	1.94E-05	1.96E-05	1.87E-05	1.84E-05	2.7809E-02
606547.8	4201388.22	472306.6693	0.01311	0.01319	0.05979	0.06067	0.14921	0.14699	2.35E-02	2.72E-06	2.77E-06	2.01E-05	2.03E-05	1.80E-05	1.77E-05	2.3596E-02
606567.8	4201388.22	370143.5067	0.01359	0.01368	0.06162	0.06254	0.14415	0.14198	1.84E-02	2.82E-06	2.88E-06	2.08E-05	2.10E-05	1.74E-05	1.71E-05	1.8510E-02
606587.8	4201388.22	306166.4749	0.01403	0.01412	0.06342	0.06439	0.13938	0.13726	1.52E-02	2.91E-06	2.97E-06	2.14E-05	2.16E-05	1.68E-05	1.65E-05	1.5325E-02
606607.8	4201388.22	261949.5556	0.01448	0.01458	0.06533	0.06635	0.13482	0.13275	1.30E-02	3.01E-06	3.07E-06	2.20E-05	2.23E-05	1.63E-05	1.60E-05	1.3124E-02
606627.8	4201388.22	228685.513	0.01499	0.01509	0.06742	0.0685	0.13043	0.12841	1.14E-02	3.11E-06	3.17E-06	2.27E-05	2.30E-05	1.57E-05	1.55E-05	1.1468E-02
606647.8	4201388.22	202625.6443	0.01553	0.01562	0.06962	0.07077	0.12623	0.12427	1.01E-02	3.22E-06	3.29E-06	2.34E-05	2.37E-05	1.52E-05	1.50E-05	1.0172E-02
606667.8	4201388.22	181356.6715	0.01609	0.0162	0.07194	0.07317	0.12221	0.1203	9.03E-03	3.34E-06	3.41E-06	2.42E-05	2.45E-05	1.48E-05	1.45E-05	9.1137E-03
606687.8	4201388.22	163748.0865	0.01667	0.01677	0.07443	0.07575	0.11838	0.11652	8.15E-03	3.46E-06	3.53E-06	2.51E-05	2.54E-05	1.43E-05	1.40E-05	8.2381E-03
606707.8	4201388.22	148879.8512	0.01727	0.01736	0.07702	0.07843	0.11472	0.11291	7.41E-03	3.59E-06	3.65E-06	2.59E-05	2.63E-05	1.39E-05	1.36E-05	7.4990E-03
606727.8	4201388.22	136214.4719	0.01787	0.01794	0.07966	0.08117	0.11124	0.10947	6.78E-03	3.71E-06	3.77E-06	2.68E-05	2.72E-05	1.34E-05	1.32E-05	6.8697E-03
606747.8	4201388.22	125304.5588	0.01814	0.01816	0.08163	0.08325	0.10793	0.1062	6.24E-03	3.77E-06	3.82E-06	2.75E-05	2.79E-05	1.30E-05	1.28E-05	6.3272E-03
606767.8	4201388.22	115352.3905	0.01891	0.01892	0.0848	0.08653	0.10467	0.10299	5.74E-03	3.93E-06	3.98E-06	2.86E-05	2.90E-05	1.26E-05	1.24E-05	5.8334E-03
606787.8	4201388.22	106391.5923	0.02004	0.0199	0.08895	0.09096	0.10149	0.09986	5.30E-03	4.16E-06	4.19E-06	3.00E-05	3.05E-05	1.23E-05	1.20E-05	5.3899E-03
606807.8	4201388.22	98571.17554	0.02103	0.021	0.0931	0.09503	0.09847	0.09688	4.91E-03	4.37E-06	4.42E-06	3.14E-05	3.19E-05	1.19E-05	1.17E-05	5.0030E-03
606827.8	4201388.22	91595.90395	0.0221	0.02209	0.0974	0.09947	0.09556	0.09402	4.56E-03	4.59E-06	4.65E-06	3.28E-05	3.34E-05	1.15E-05	1.13E-05	4.6584E-03
606847.8	4201388.22	85341.53566	0.02329	0.02326	0.10211	0.10429	0.09276	0.09126	4.25E-03	4.84E-06	4.89E-06	3.44E-05	3.50E-05	1.12E-05	1.10E-05	4.3501E-03
606867.8	4201388.22	79720.39481	0.02458	0.02452	0.10718	0.1095	0.09006	0.08861	3.97E-03	5.10E-06	5.16E-06	3.61E-05	3.67E-05	1.09E-05	1.07E-05	4.0736E-03
606887.8	4201388.22	74666.14305	0.02596	0.02588	0.11265	0.11515	0.08748	0.08606	3.72E-03	5.39E-06	5.44E-06	3.79E-05	3.86E-05	1.06E-05	1.04E-05	3.8256E-03
606907.8	4201388.22	70091.34908	0.02747	0.02737	0.11865	0.12136	0.085	0.08362	3.49E-03	5.70E-06	5.76E-06	4.00E-05	4.07E-05	1.03E-05	1.01E-05	3.6020E-03
606927.8	4201388.22	65946.14027	0.0291	0.02897	0.12525	0.12822	0.08261	0.08128	3.28E-03	6.04E-06	6.09E-06	4.22E-05	4.30E-05	9.98E-06	9.80E-06	3.4003E-03
606947.8	4201388.22	62170.95664	0.03084	0.03071	0.13259	0.13588	0.08032	0.07902	3.10E-03	6.40E-06	6.46E-06	4.47E-05	4.56E-05	9.70E-06	9.52E-06	3.2175E-03
606967.8	4201388.22	58724.96047	0.03267	0.03257	0.14077	0.14442	0.07812	0.07686	2.92E-03	6.78E-06	6.85E-06	4.74E-05	4.84E-05	9.43E-06	9.26E-06	3.0518E-03
606987.8	4201388.22	55557.65255	0.0346	0.03456	0.15004	0.15418	0.076	0.07477	2.77E-03	7.19E-06	7.27E-06	5.05E-05	5.17E-05	9.18E-06	9.01E-06	2.9009E-03
607007.8	4201388.22	52622.22405	0.03667	0.03673	0.16076	0.16543	0.07393	0.07274	2.62E-03	7.61E-06	7.73E-06	5.41E-05	5.55E-05	8.93E-06	8.77E-06	2.7625E-03
607027.8	4201388.22	49818.35802	0.03919	0.03943	0.17495	0.18022	0.07187	0.07072	2.48E-03	8.14E-06	8.29E-06	5.89E-05	6.04E-05	8.68E-06	8.52E-06	2.6332E-03
607047.8	4201388.22	47302.02702	0.0415	0.04196	0.19046	0.19676	0.06994	0.06882	2.35E-03	8.62E-06	8.83E-06	6.41E-05	6.60E-05	8.45E-06	8.29E-06	2.5193E-03
607067.8	4201388.22	44971.93837	0.04377	0.04453	0.20885	0.21624	0.06807	0.06698	2.24E-03	9.09E-06	9.37E-06	7.03E-05	7.25E-05	8.22E-06	8.07E-06	2.4166E-03
607087.8	4201388.22	42842.56411	0.04567	0.04673	0.22939	0.23814	0.06629	0.06523	2.13E-03	9.48E-06	9.83E-06	7.73E-05	7.99E-05	8.00E-06	7.86E-06	2.3253E-03
607107.8	4201388.22	40884.71875	0.04744	0.04879	0.25342	0.26391	0.06459	0.06356	2.04E-03	9.85E-06	1.03E-05	8.53E-05	8.85E-05	7.80E-06	7.66E-06	2.2449E-03
607127.8	4201388.22	39063.07451	0.04915	0.05076	0.28227	0.29508	0.06295	0.06195	1.94E-03	1.02E-05	1.07E-05	9.51E-05	9.90E-05	7.60E-06	7.47E-06	2.1748E-03
607147.8	4201388.22	37358.89035	0.05092	0.05271	0.31748	0.33339	0.06136	0.06039	1.86E-03	1.06E-05	1.11E-05	1.07E-04	1.12E-04	7.41E-06	7.28E-06	2.1150E-03
607167.8	4201388.22	35768.72851	0.05288	0.05476	0.36096	0.38127	0.05983	0.05889	1.78E-03	1.10E-05	1.15E-05	1.22E-04	1.28E-04	7.22E-06	7.10E-06	2.0670E-03
607187.8	4201388.22	34286.60385	0.05517	0.05708	0.41595	0.44261	0.05835	0.05744	1.71E-03	1.15E-05	1.20E-05	1.40E-04	1.48E-04	7.05E-06	6.92E-06	2.0330E-03
607207.8	4201388.22	32902.93299	0.05789	0.05984	0.48758	0.52396	0.05693	0.05604	1.64E-03	1.20E-05	1.26E-05	1.64E-04	1.76E-04	6.87E-06	6.75E-06	2.0163E-03

607227.8	4201388.22	31626.20355	0.06096	0.06305	0.58509	0.63756	0.05558	0.05472	1.57E-03	1.27E-05	1.33E-05	1.97E-04	2.14E-04	6.71E-06	6.59E-06	2.0247E-03
607247.8	4201388.22	30419.35488	0.06439	0.06673	0.72364	0.80433	0.05427	0.05343	1.51E-03	1.34E-05	1.40E-05	2.44E-04	2.70E-04	6.55E-06	6.44E-06	2.0683E-03
607267.8	4201388.22	29289.55031	0.06816	0.07081	0.93522	1.07164	0.05301	0.0522	1.46E-03	1.42E-05	1.49E-05	3.15E-04	3.59E-04	6.40E-06	6.29E-06	2.1744E-03
607287.8	4201388.22	28232.55488	0.07226	0.07528	1.29256	1.55898	0.0518	0.05101	1.41E-03	1.50E-05	1.58E-05	4.35E-04	5.23E-04	6.25E-06	6.15E-06	2.4070E-03
607307.8	4201388.22	27226.0522	0.07677	0.08021	1.98836	2.62369	0.05062	0.04985	1.36E-03	1.59E-05	1.69E-05	6.70E-04	8.80E-04	6.11E-06	6.01E-06	2.9501E-03
606527.8	4201408.22	486292.5549	0.01272	0.01282	0.05872	0.05958	0.15797	0.15541	2.42E-02	2.64E-06	2.70E-06	1.98E-05	2.00E-05	1.91E-05	1.87E-05	2.4293E-02
606547.8	4201408.22	414923.4002	0.01308	0.01317	0.06031	0.06121	0.15251	0.15001	2.07E-02	2.72E-06	2.77E-06	2.03E-05	2.05E-05	1.84E-05	1.81E-05	2.0740E-02
606567.8	4201408.22	328622.651	0.01345	0.01355	0.06197	0.0629	0.14729	0.14487	1.64E-02	2.79E-06	2.85E-06	2.09E-05	2.11E-05	1.78E-05	1.75E-05	1.6444E-02
606587.8	4201408.22	275528.429	0.01383	0.01393	0.06369	0.06468	0.14231	0.13996	1.37E-02	2.87E-06	2.93E-06	2.15E-05	2.17E-05	1.72E-05	1.69E-05	1.3800E-02
606607.8	4201408.22	238121.0676	0.01428	0.01438	0.06561	0.06665	0.1375	0.13522	1.19E-02	2.97E-06	3.03E-06	2.21E-05	2.24E-05	1.66E-05	1.63E-05	1.1938E-02
606627.8	4201408.22	209639.0816	0.0148	0.01489	0.06771	0.06881	0.13288	0.13066	1.04E-02	3.07E-06	3.13E-06	2.28E-05	2.31E-05	1.60E-05	1.57E-05	1.0521E-02
606647.8	4201408.22	186966.2491	0.01534	0.01543	0.06994	0.07112	0.12845	0.1263	9.31E-03	3.19E-06	3.25E-06	2.36E-05	2.39E-05	1.55E-05	1.52E-05	9.3928E-03
606667.8	4201408.22	168630.59	0.01588	0.01596	0.07222	0.07348	0.12427	0.12218	8.40E-03	3.30E-06	3.36E-06	2.43E-05	2.46E-05	1.50E-05	1.47E-05	8.4807E-03
606687.8	4201408.22	153207.0258	0.01644	0.01651	0.07463	0.07598	0.12028	0.11825	7.63E-03	3.41E-06	3.47E-06	2.51E-05	2.55E-05	1.45E-05	1.43E-05	7.7138E-03
606707.8	4201408.22	139851.5947	0.01705	0.01712	0.07727	0.0787	0.11645	0.11447	6.96E-03	3.54E-06	3.60E-06	2.60E-05	2.64E-05	1.41E-05	1.38E-05	7.0500E-03
606727.8	4201408.22	128318.0193	0.01769	0.01776	0.08005	0.08159	0.11279	0.11087	6.39E-03	3.67E-06	3.74E-06	2.70E-05	2.74E-05	1.36E-05	1.34E-05	6.4771E-03
606747.8	4201408.22	118336.4028	0.01835	0.01839	0.08288	0.08454	0.10931	0.10745	5.89E-03	3.81E-06	3.87E-06	2.79E-05	2.84E-05	1.32E-05	1.29E-05	5.9815E-03
606767.8	4201408.22	109588.1918	0.01893	0.01889	0.08557	0.08732	0.10599	0.10418	5.46E-03	3.93E-06	3.97E-06	2.88E-05	2.93E-05	1.28E-05	1.26E-05	5.5473E-03
606787.8	4201408.22	101420.5313	0.01987	0.01988	0.08937	0.09126	0.10271	0.10095	5.05E-03	4.13E-06	4.18E-06	3.01E-05	3.06E-05	1.24E-05	1.22E-05	5.1429E-03
606807.8	4201408.22	94333.54176	0.0207	0.02063	0.09288	0.09486	0.09961	0.09791	4.70E-03	4.30E-06	4.34E-06	3.13E-05	3.18E-05	1.20E-05	1.18E-05	4.7920E-03
606827.8	4201408.22	87818.0295	0.02182	0.02178	0.09735	0.09944	0.09658	0.09493	4.37E-03	4.53E-06	4.58E-06	3.28E-05	3.34E-05	1.17E-05	1.14E-05	4.4704E-03
606847.8	4201408.22	81995.41642	0.023	0.02293	0.10203	0.10427	0.09369	0.09209	4.08E-03	4.78E-06	4.82E-06	3.44E-05	3.50E-05	1.13E-05	1.11E-05	4.1835E-03
606867.8	4201408.22	76748.77835	0.02426	0.02417	0.10706	0.10945	0.09091	0.08936	3.82E-03	5.04E-06	5.08E-06	3.61E-05	3.67E-05	1.10E-05	1.08E-05	3.9256E-03
606887.8	4201408.22	71999.71656	0.02565	0.02553	0.11255	0.11511	0.08824	0.08674	3.58E-03	5.33E-06	5.37E-06	3.79E-05	3.86E-05	1.07E-05	1.05E-05	3.6929E-03
606907.8	4201408.22	67700.87227	0.02712	0.02699	0.1185	0.12126	0.08568	0.08423	3.37E-03	5.63E-06	5.68E-06	3.99E-05	4.07E-05	1.03E-05	1.02E-05	3.4829E-03
606927.8	4201408.22	63735.41274	0.0288	0.02866	0.12524	0.1283	0.0832	0.08179	3.17E-03	5.98E-06	6.03E-06	4.22E-05	4.30E-05	1.00E-05	9.86E-06	3.2902E-03
606947.8	4201408.22	60173.82055	0.03046	0.03034	0.1325	0.13587	0.08085	0.07948	3.00E-03	6.33E-06	6.38E-06	4.46E-05	4.56E-05	9.76E-06	9.58E-06	3.1180E-03
606967.8	4201408.22	56909.87671	0.03218	0.03212	0.14063	0.14437	0.07859	0.07726	2.83E-03	6.68E-06	6.76E-06	4.74E-05	4.84E-05	9.49E-06	9.31E-06	2.9613E-03
606987.8	4201408.22	53900.37343	0.03398	0.034	0.14995	0.15406	0.07641	0.07512	2.68E-03	7.06E-06	7.15E-06	5.05E-05	5.17E-05	9.23E-06	9.05E-06	2.8181E-03
607007.8	4201408.22	51026.72656	0.03614	0.0363	0.16177	0.16638	0.07424	0.073	2.54E-03	7.50E-06	7.64E-06	5.45E-05	5.58E-05	8.96E-06	8.80E-06	2.6836E-03
607027.8	4201408.22	48328.51196	0.03848	0.03886	0.17636	0.18183	0.07212	0.07092	2.41E-03	7.99E-06	8.18E-06	5.94E-05	6.10E-05	8.71E-06	8.55E-06	2.5599E-03
607047.8	4201408.22	45954.99842	0.04024	0.04083	0.19111	0.19737	0.07016	0.069	2.29E-03	8.36E-06	8.59E-06	6.44E-05	6.62E-05	8.47E-06	8.32E-06	2.4522E-03
607067.8	4201408.22	43769.2838	0.04189	0.04273	0.20808	0.21532	0.06829	0.06716	2.18E-03	8.70E-06	8.99E-06	7.01E-05	7.22E-05	8.25E-06	8.09E-06	2.3554E-03
607087.8	4201408.22	41746.84454	0.04342	0.04452	0.22788	0.23639	0.06649	0.06539	2.08E-03	9.02E-06	9.37E-06	7.67E-05	7.93E-05	8.03E-06	7.88E-06	2.2687E-03
607107.8	4201408.22	39878.9332	0.04488	0.04621	0.25122	0.26136	0.06477	0.0637	1.99E-03	9.32E-06	9.72E-06	8.46E-05	8.77E-05	7.82E-06	7.68E-06	2.1922E-03
607127.8	4201408.22	38141.41485	0.04632	0.04783	0.2792	0.29147	0.06311	0.06207	1.90E-03	9.62E-06	1.01E-05	9.40E-05	9.78E-05	7.62E-06	7.48E-06	2.1255E-03
607147.8	4201408.22	36510.96912	0.04788	0.04948	0.31331	0.32842	0.0615	0.0605	1.82E-03	9.94E-06	1.04E-05	1.06E-04	1.10E-04	7.43E-06	7.29E-06	2.0685E-03
607167.8	4201408.22	34984.74938	0.04966	0.05129	0.35548	0.37448	0.05995	0.05898	1.74E-03	1.03E-05	1.08E-05	1.20E-04	1.26E-04	7.24E-06	7.11E-06	2.0225E-03
607187.8	4201408.22	33554.92126	0.05178	0.05341	0.40875	0.43334	0.05846	0.05751	1.67E-03	1.08E-05	1.12E-05	1.38E-04	1.45E-04	7.06E-06	6.93E-06	1.9895E-03
607207.8	4201408.22	32217.29806	0.05424	0.05592	0.47785	0.51085	0.05701	0.0561	1.60E-03	1.13E-05	1.18E-05	1.61E-04	1.71E-04	6.88E-06	6.76E-06	1.9729E-03
607227.8	4201408.22	30970.32862	0.05702	0.05884	0.57107	0.61753	0.05563	0.05474	1.54E-03	1.18E-05	1.24E-05	1.92E-04	2.07E-04	6.72E-06	6.60E-06	1.9789E-03
607247.8	4201408.22	29808.60885	0.06009	0.06213	0.70348	0.77329	0.05431	0.05345	1.48E-03	1.25E-05	1.31E-05	2.37E-04	2.59E-04	6.56E-06	6.44E-06	2.0189E-03
607267.8	4201408.22	28731.3468	0.06334	0.06566	0.90513	1.02084	0.05305	0.05222	1.43E-03	1.32E-05	1.38E-05	3.05E-04	3.42E-04	6.41E-06	6.29E-06	2.1173E-03
607287.8	4201408.22	27709.07199	0.06695	0.06955	1.23794	1.45686	0.05183	0.05102	1.38E-03	1.39E-05	1.46E-05	4.17E-04	4.89E-04	6.26E-06	6.15E-06	2.3260E-03
607307.8	4201408.22	26733.96552	0.07088	0.07385	1.86778	2.36873	0.05064	0.04985	1.33E-03	1.47E-05	1.55E-05	6.29E-04	7.95E-04	6.11E-06	6.01E-06	2.7969E-03
606533.18	4201421.18	414707.0721	0.01273	0.01283	0.05932	0.06018	0.15869	0.15596	2.06E-02	2.64E-06	2.70E-06	2.00E-05	2.02E-05	1.92E-05	1.88E-05	2.0730E-02
606553.18	4201421.18	344871.1145	0.01303	0.01311	0.06087	0.0618	0.1532	0.15056	1.72E-02	2.71E-06	2.76E-06	2.05E-05	2.07E-05	1.85E-05	1.81E-05	1.7253E-02
606573.18	4201421.18	284828.9625	0.01341	0.01349	0.06256	0.06352	0.14786	0.1453	1.42E-02	2.78E-06	2.84E-06	2.11E-05	2.13E-05	1.79E-05	1.75E-05	1.4264E-02
606593.18	4201421.18	245055.5068	0.01379	0.01388	0.06431	0.06533	0.14278	0.1403	1.22E-02	2.86E-06	2.92E-06	2.17E-05	2.19E-05	1.72E-05	1.69E-05	1.2284E-02
606613.18	4201421.18	215436.0922	0.01425	0.01433	0.06623	0.06731	0.13789	0.13548	1.07E-02	2.96E-06	3.01E-06	2.23E-05	2.26E-05	1.67E-05	1.63E-05	1.0809E-02
606633.18	4201421.18	191621.9094	0.01479	0.01486	0.06841	0.06956	0.13315	0.13082	9.54E-03	3.07E-06	3.13E-06	2.30E-05	2.33E-05	1.61E-05	1.58E-05	9.6244E-03
606653.18	4201421.18	171969.2725	0.01537	0.01546	0.07076	0.072	0.1286	0.12634	8.56E-03	3.19E-06	3.25E-06	2.38E-05	2.41E-05	1.55E-05	1.52E-05	8.6468E-03
606673.18	4201421.18	156034.4075	0.01593	0.01601	0.07313	0.07445	0.12433	0.12215	7.77E-03	3.31E-06	3.37E-06	2.46E-05	2.50E-05	1.50E-05	1.47E-05	7.8543E-03
606693.18	4201421.18	142703.9428	0.01647	0.01654	0.07557	0.07694	0.12031	0.11819	7.10E-03	3.42E-06	3.48E-06	2.55E-05	2.58E-05	1.45E-05	1.42E-05	7.1915E-03
606713.18	4201421.18	130916.1823	0.0171	0.01715	0.07821	0.07971	0.11643	0.11438	6.52E-03	3.55E-06	3.61E-06	2.63E-05	2.67E-05	1.41E-05	1.38E-05	6.6058E-03
606727.8	4201423.25	122465.8951	0.01755	0.01759	0.0803	0.08185	0.11385	0.11183	6.10E-03	3.64E-06	3.70E-06	2.70E-05	2.75E-05	1.37E-05	1.35E-05	6.1861E-03
606747.8	4201423.25	113230.7818	0.01822	0.01826	0.0832	0.08488	0.11026	0.1083	5.64E-03	3.78E-06	3.84E-06	2.80E-05	2.85E-05	1.33E-05	1.31E-05	5.7277E-03
606767.8	4201423.25	105080.3173	0.01892	0.01893	0.08617	0.08798	0.10684	0.10494	5.23E-03	3.93E-06	3.98E-06	2.90E-05	2.95E-05	1.29E-05	1.26E-05	5.3235E-03
606787.8	4201423.25	97660.65384	0.01974	0.01973	0.08956	0.09149	0.10352	0.10168	4.86E-03	4.10E-06	4.15E-06	3.02E-05	3.07E-05	1.25E-05	1.23E-05	4.9559E-03
606807.8	4201423.25	91123.34631	0.02048	0.02032	0.09268	0.09472	0.10038	0.0986	4.54E-03	4.25E-06	4.27E-06	3.12E-05	3.18E-05	1.21E-05	1.19E-05	4.6321E-03
606827.8	4201428.22	84092.41178	0.02149	0.0214	0.09694	0.0991	0.0975	0.09575	4.19E-03	4.46E-06	4.50E-06	3.26E-05	3.32E-05	1.18E-05	1.15E-05	4.2848E-03
606847.8	4201428.22	78655.77702	0.02271	0.02261	0.10184	0.10415	0.0945	0.09281	3.92E-03	4.72E-06	4.76E-06	3.43E-05	3.49E-05	1.14E-05	1.12E-05	4.0172E-03
606867.8	4201428.22	73782.94566	0.02395	0.02383	0.10682	0.10928	0.09164	0.09001	3.67E-03	4.97E-06	5.01E-06	3.60E-05	3.67E-05	1.11E-05	1.08E-05	3.7779E-03
606887.8	4201428.22	69346.81859	0.02531	0.02518	0.11229	0.11493	0.0889	0.08732	3.45E-03	5.26E-06	5.30E-06	3.78E-05	3.85E-05	1.07E-05	1.05E-05	3.5606E-03
606907.8	4201428.22	65193.54145	0.02693	0.0268	0.11887	0.12174	0.08621	0.08468	3.25E-03	5.59E-06	5.64E-06	4.00E-05	4.08E-05	1.04E-05	1.02E-05	3.3584E-03
606927.8	4201428.22	61335.44947	0.02881	0.0287	0.12636	0.12945	0.08358	0.08211	3.05E-03	5.98E-06	6.04E-06	4.26E-05	4.34E-05	1.01E-05	9.90E-06	3.1716E-03
606947.8	4201428.22	57929.87692	0.03058	0.03051	0.13427	0.13775	0.08114	0.07971	2.88E-03	6.35E-06	6.42E-06	4.52E-05	4.62E-05	9.80E-06	9.61E-06	3.0077E-03
606967.8	4201428.22	54841.90784	0.03225	0.03228	0.14275	0.14661	0.07881	0.07743	2.73E-03	6.70E-06	6.79E-06	4.81E-05	4.92E-05	9.52E-06	9.33E-06	2.8599E-03
606987.8	4201428.22	51962.60723	0.03394	0.03408	0.15261	0.15689	0.07656	0.07522	2.59E-03	7.05E-06	7.17E-06	5.14E-05	5.26E-05	9.24E-06	9.07E-06	2.7235E-03
607007.8	4201428.22	49269.35689	0.03559	0.03587	0.1639	0.16871	0.07436	0.07306	2.45E-03	7.39E-06	7.55E-06	5.52E-05	5.66E-05	8.98E-06	8.81E-06	2.5974E-03
607027.8	4201428.22	46808.83941	0.03712	0.03757	0.17639	0.18183	0.07227	0.07102	2.33E-03	7.71E-06	7.90E-06	5.94E-05	6.10E-05	8.73E-06	8.56E-06	2.4837E-03
607047.8	4201428.22	44592.63214	0.03857	0.03923	0.19049	0.19668	0.07031	0.06909	2.22E-03	8.01E-06	8.25E-06	6.42E-05	6.60E-05	8.49E-06	8.33E-06	2.3833E-03
607067.8	4201428.22	42558.56713	0.03993	0.04082	0.20677	0.21395	0.06844	0.06726	2.12E-03	8.29E-06	8.59E-06	6.96E-05	7.18E-05	8.26E-06	8.11E-06	2.2935E-03
607087.8	4201428.22	40652.40269	0.0412	0.0423	0.22589	0.23428	0.06663	0.06549	2.02E-03	8.56E-06	8.90E-06	7.61E-05	7.86E-05	8.05E-06	7.89E-06	2.2120E-03
607107.8	4201428.22	38871.69184	0.04243	0.0437	0.24853	0.25845	0.06488	0.06378	1.94E-03	8.81E-06	9.19E-06	8.37E-05	8.67E-05	7.83E-06	7.69E-06	2.1392E-03
607127.8	4201428.22	37214.68645	0.04371	0.04508	0.27561	0.28749	0.06321	0.06214	1.85E-03	9.08E-06	9.48E-06	9.28E-05	9.64E-05	7.63E-06	7.49E-06	2.0757E-03
607147.8	4201428.22	35661.64883	0.04512	0.04654	0.30851	0.32299	0.06159	0.06056	1.78E-03	9.37E-06	9.79E-06	1.04E-04	1.08E-04	7.44E-06	7.30E-06	2.0216E-03
607167.8	4201428.22	34198.13268	0.04678	0.04819	0.34915	0.36716	0.06003	0.05902	1.70E-03	9.71E-06	1.01E-05	1.18E-04	1.23E-04	7.25E-06	7.11E-06	1.9775E-03
607187.8	4201428.22	32818.67349	0.04872	0.05013	0.40034	0.42328	0.05851	0.05754	1.63E-03	1.01E-05	1.05E-05	1.35E-04	1.42E-04	7.07E-06	6.93E-06	1.9454E-03
607207.8	4201428.22	31528.84892	0.05095	0.05242	0.46655	0.49668	0.05705	0.05611	1.57E-03	1.06E-05	1.10E-05	1.57E-04	1.67E-04	6.89E-06	6.76E-06	1.9287E-03
607227.8	4201428.22	30322.7158	0.05345	0.05505	0.55529	0.59667	0.05565	0.05474	1.51E-03	1.11E-05	1.16E-05	1.87E-04	2.00E-04	6.72E-06	6.60E-06	1.9328E-03
607247.8	4201428.22	29208.86004	0.0562	0.058	0.68118	0.74188	0.05432	0.05344	1.45E-03	1.17E-05	1.22E-05	2.29E-04	2.49E-04	6.56E-06	6.44E-06	1.9693E-03
607267.8	4201428.22	28180.33415	0.05906	0.0611	0.87122	0.96824	0.05307	0.05221	1.40E-03	1.23E-05	1.29E-05	2.93E-04	3.25E-04	6.41E-06	6.29E-06	2.0590E-03
607287.8	4201428.22	27181.62258	0.06228	0.06454	1.17803	1.35098	0.05182	0.05099	1.35E-03	1.29E-05	1.36E-05	3.97E-04	4.53E-04	6.26E-06	6.15E-06	2.2420E-03
607307.8	4201428.22	26239.2166	0.06574	0.06832	1.74669	2.11236	0.05062	0.04982	1.31E-03	1.37E-05	1.44E-05	5.88E-04	7.09E-04	6.11E-06	6.00E-06	2.6433E-03
606357.31	4200991.9	330640.9126	0.01936	0.01997	0.04194	0.04193	0.05549	0.0574	1.65E-02	4.02E-06	4.20E-06	1.41E-05	1.41E-05	6.70E-06	6.92E-06	1.6511E-02
606373.3	4200990.76	313755.2173	0.01998	0.02061	0.04263	0.04261	0.0557	0.05756	1.56E-02	4.15E-06	4.34E-06	1.44E-05	1.43E-05	6.73E-06	6.94E-06	1.5671E-02
606393.3	4200990.76	301177.2094	0.02064	0.02131	0.04354	0.04351	0.05627	0.05807	1.50E-02	4.29E-06	4.48E-06	1.47E-05	1.46E-05	6.79E-06	7.00E-06	1.5046E-02
606413.3	4200990.76	288327.8917	0.02134	0.02204	0.04449	0.04446	0.05678	0.05851	1.44E-02	4.43E-06	4.64E-06	1.50E-05	1.49E-05	6.86E-06	7.05E-06	1.4407E-02
606433.3	4200990.76	275089.9633	0.0221	0.02283	0.04549	0.04545	0.05722	0.05888	1.37E-02	4.59E-06	4.80E-06	1.53E-05	1.52E-05	6.91E-06	7.10E-06	1.3749E-02
606453.3	4200990.76	261713.0529	0.02291	0.02369	0.04655	0.04649	0.05759	0.05918	1.30E-02	4.76E-06	4.98E-06	1.57E-05	1.56E-05	6.95E-06	7.13E-06	1.3085E-02
606473.3	4200990.76	248885.9943	0.02378	0.02461	0.04765	0.04752	0.0579	0.05942	1.24E-02	4.94E-06	5.18E-06	1.60E-05	1.59E-05	6.99E-06	7.16E-06	1.2447E-02
606493.3	4200990.76	237448.5012	0.02466	0.02555	0.04863	0.04822	0.05815	0.05959	1.18E-02	5.12E-06	5.37E-06	1.64E-05	1.62E-05	7.02E-06	7.18E-06	1.1879E-02
606513.3	4200990.76	227878.0022	0.02566	0.02654	0.04975	0.0494	0.05834	0.05971	1.13E-02	5.33E-06	5.58E-06	1.68E-05	1.66E-05	7.04E-06	7.20E-06	1.1404E-02
606355.59	4201005.6	422909.8858	0.01844	0.01901	0.04216	0.0422	0.05877	0.06076	2.11E-02	3.83E-06	4.00E-06	1.42E-05	1.42E-05	7.10E-06	7.32E-06	2.1105E-02
606375.59	4201005.6	405803.014	0.01908	0.01968	0.0431	0.04313	0.05936	0.06128	2.02E-02	3.96E-06	4.14E-06	1.45E-05	1.45E-05	7.17E-06	7.39E-06	2.0255E-02
606393.3	4201010.76	426278.5466	0.01933	0.01994	0.04407	0.04412	0.06109	0.06295	2.12E-02	4.01E-06	4.19E-06	1.48E-05	1.48E-05	7.38E-06	7.59E-06	2.1275E-02
606413.3	4201010.76	407211.5915	0.02	0.02065	0.04508	0.04512	0.0615	0.06329	2.03E-02	4.15E-06	4.34E-06	1.52E-05	1.51E-05	7.43E-06	7.63E-06	2.0327E-02
606433.3	4201010.76	386732.1306	0.02073	0.0214	0.04614	0.04618	0.06184	0.06354	1.93E-02	4.30E-06	4.50E-06	1.55E-05	1.55E-05	7.47E-06	7.66E-06	1.9309E-02
606453.3	4201010.76	364779.292	0.02148	0.0222	0.04724	0.04727	0.06211	0.06372	1.82E-02	4.46E-06	4.67E-06	1.59E-05	1.59E-05	7.50E-06	7.68E-06	1.8217E-02
606473.3	4201010.76	341352.4999	0.02229	0.02305	0.0484	0.04842	0.06231	0.06384	1.70E-02	4.63E-06	4.85E-06	1.63E-05	1.62E-05	7.52E-06	7.69E-06	1.7052E-02
606493.3	4201010.76	318323.286	0.02312	0.02392	0.0496	0.04961	0.06245	0.0639	1.58E-02	4.80E-06	5.03E-06	1.67E-05	1.66E-05	7.54E-06	7.70E-06	1.5906E-02
606513.3	4201010.76	300034.2956	0.02397	0.02482	0.05085	0.05085	0.06253	0.0639	1.49E-02	4.98E-06	5.22E-06	1.71E-05	1.71E-05	7.55E-06	7.70E-06	1.4997E-02
606320.15	4201003.05	434848.4162	0.01742	0.01794	0.04046	0.0405	0.05691	0.059	2.16E-02	3.62E-06	3.77E-06	1.36E-05	1.36E-05	6.87E-06	7.11E-06	2.1698E-02
606340.15	4201003.05	417999.4085	0.01806	0.01861	0.04138	0.04141	0.05763	0.05966	2.08E-02	3.75E-06	3.92E-06	1.39E-05	1.39E-05	6.96E-06	7.19E-06	2.0860E-02
608186.19	4200741.15	10292.55982	0.2604	0.26385	0.03479	0.03351	0.02094	0.02086	5.12E-04	5.41E-05	5.55E-05	1.17E-05	1.12E-05	2.53E-06	2.51E-06	6.5000E-04
608186.19	4200794.35	10291.44769	0.23818	0.24167	0.03996	0.03853	0.02145	0.02135	5.12E-04	4.95E-05	5.08E-05	1.35E-05	1.29E-05	2.59E-06	2.57E-06	6.4421E-04
608186.19	4200733.55	10289.19836	0.26362	0.26706	0.03408	0.03283	0.02086	0.02079	5.12E-04	5.47E-05	5.62E-05	1.15E-05	1.10E-05	2.52E-06	2.51E-06	6.5069E-04
608186.19	4200801.95	10288.06323	0.23508	0.23856	0.04072	0.03928	0.02152	0.02142	5.12E-04	4.88E-05	5.02E-05	1.37E-05	1.32E-05	2.60E-06	2.58E-06	6.4327E-04
608186.19	4200809.55	10283.70608	0.23199	0.23547	0.0415	0.04003	0.02159	0.02148	5.12E-04	4.82E-05	4.95E-05	1.40E-05	1.34E-05	2.61E-06	2.59E-06	6.4229E-04
608186.19	4200817.15	10278.54755	0.22892	0.2324	0.04227	0.04079	0.02165	0.02154	5.12E-04	4.75E-05	4.89E-05	1.42E-05	1.37E-05	2.61E-06	2.60E-06	6.4128E-04
608186.19	4200824.75	10272.5375	0.22588	0.22936	0.04306	0.04155	0.02171	0.0216	5.11E-04	4.69E-05	4.83E-05	1.45E-05	1.39E-05	2.62E-06	2.60E-06	6.4024E-04
608186.19	4200832.35	10265.80646	0.22286	0.22633	0.04384	0.04232	0.02177	0.02166	5.11E-04	4.63E-05	4.76E-05	1.48E-05	1.42E-05	2.63E-06	2.61E-06	6.3918E-04
608186.19	4200839.95	10258.30073	0.21987	0.22333	0.04463	0.0431	0.02183	0.02172	5.11E-04	4.57E-05	4.70E-05	1.50E-05	1.45E-05	2.64E-06	2.62E-06	6.3810E-04
608186.19	4200847.55	10250.15221	0.21691	0.22036	0.04542	0.04387	0.02189	0.02177	5.10E-04	4.50E-05	4.64E-05	1.53E-05	1.47E-05	2.64E-06	2.62E-06	6.3699E-04
608186.19	4200855.15	10241.39239	0.21397	0.21741	0.04622	0.04465	0.02195	0.02183	5.10E-04	4.44E-05	4.57E-05	1.56E-05	1.50E-05	2.65E-06	2.63E-06	6.3587E-04
608186.19	4200862.75	10231.93661	0.21106	0.21449	0.04702	0.04544	0.022	0.02188	5.09E-04	4.38E-05	4.51E-05	1.58E-05	1.52E-05	2.66E-06	2.64E-06	6.3472E-04
608186.19	4200870.35	10221.77485	0.20818	0.2116	0.04782	0.04623	0.02206	0.02193	5.09E-04	4.32E-05	4.45E-05	1.61E-05	1.55E-05	2.66E-06	2.64E-06	6.3356E-04
608193.06	4200763.95	10232.68089	0.24621	0.2496	0.03686	0.03553	0.02109	0.02101	5.09E-04	5.11E-05	5.25E-05	1.24E-05	1.19E-05	2.55E-06	2.53E-06	6.4249E-04
608193.06	4200771.55	10232.41306	0.24313	0.24653	0.03759	0.03624	0.02117	0.02108	5.09E-04	5.05E-05	5.19E-05	1.27E-05	1.22E-05	2.56E-06	2.54E-06	6.4169E-04
608193.06	4200756.35	10231.96322	0.2493	0.25269	0.03613	0.03483	0.02102	0.02094	5.09E-04	5.18E-05	5.32E-05	1.22E-05	1.17E-05	2.54E-06	2.52E-06	6.4324E-04
608193.06	4200779.15	10230.93516	0.24007	0.24347	0.03833	0.03696	0.02124	0.02114	5.09E-04	4.99E-05	5.12E-05	1.29E-05	1.24E-05	2.56E-06	2.55E-06	6.4084E-04
608193.06	4200748.75	10230.50302	0.2524	0.25578	0.03542	0.03414	0.02095	0.02087	5.09E-04	5.24E-05	5.38E-05	1.19E-05	1.15E-05	2.53E-06	2.52E-06	6.4398E-04
608193.06	4200786.75	10228.46484	0.23701	0.24041	0.03907	0.03768	0.02131	0.02121	5.09E-04	4.92E-05	5.06E-05	1.32E-05	1.26E-05	2.57E-06	2.56E-06	6.3995E-04
608193.06	4200741.15	10228.37438	0.25551	0.25888	0.03471	0.03345	0.02087	0.02079	5.09E-04	5.31E-05	5.45E-05	1.17E-05	1.12E-05	2.52E-06	2.51E-06	6.4468E-04
608193.06	4200794.35	10225.40097	0.23397	0.23738	0.03982	0.03841	0.02137	0.02128	5.09E-04	4.86E-05	4.99E-05	1.34E-05	1.29E-05	2.58E-06	2.56E-06	6.3904E-04
608193.06	4200733.55	10225.12288	0.25862	0.26198	0.03401	0.03278	0.02079	0.02072	5.09E-04	5.37E-05	5.51E-05	1.15E-05	1.10E-05	2.51E-06	2.50E-06	6.4534E-04
608193.06	4200801.95	10221.54231	0.23096	0.23436	0.04058	0.03915	0.02144	0.02134	5.09E-04	4.80E-05	4.93E-05	1.37E-05	1.31E-05	2.59E-06	2.57E-06	6.3811E-04
608193.06	4200809.55	10216.82479	0.22796	0.23136	0.04134	0.03989	0.02151	0.0214	5.09E-04	4.73E-05	4.87E-05	1.39E-05	1.34E-05	2.60E-06	2.58E-06	6.3714E-04
608193.06	4200817.15	10211.51012	0.22498	0.22838	0.0421	0.04064	0.02157	0.02146	5.08E-04	4.67E-05	4.80E-05	1.42E-05	1.36E-05	2.60E-06	2.59E-06	6.3615E-04
608193.06	4200824.75	10205.63818	0.22203	0.22543	0.04287	0.04139	0.02163	0.02152	5.08E-04	4.61E-05	4.74E-05	1.44E-05	1.39E-05	2.61E-06	2.59E-06	6.3515E-04
608193.06	4200832.35	10198.97522	0.2191	0.22249	0.04365	0.04215	0.02169	0.02158	5.08E-04	4.55E-05	4.68E-05	1.47E-05	1.41E-05	2.62E-06	2.60E-06	6.3412E-04
608193.06	4200839.95	10191.36756	0.21619	0.21958	0.04442	0.04291	0.02175	0.02163	5.07E-04	4.49E-05	4.62E-05	1.50E-05	1.44E-05	2.63E-06	2.61E-06	6.3306E-04
608193.06	4200847.55	10183.12196	0.21331	0.21669	0.04521	0.04368	0.02181	0.02169	5.07E-04	4.43E-05	4.56E-05	1.52E-05	1.47E-05	2.63E-06	2.61E-06	6.3198E-04
608193.06	4200855.15	10174.27359	0.21046	0.21382	0.04599	0.04445	0.02186	0.02174	5.07E-04	4.37E-05	4.50E-05	1.55E-05	1.49E-05	2.64E-06	2.62E-06	6.3088E-04
608193.06	4200862.75	10164.74382	0.20763	0.21098	0.04678	0.04522	0.02192	0.02179	5.06E-04	4.31E-05	4.44E-05	1.58E-05	1.52E-05	2.65E-06	2.63E-06	6.2975E-04
608193.06	4200870.35	10154.62802	0.20483	0.20817	0.04757	0.046	0.02197	0.02184	5.06E-04	4.25E-05	4.38E-05	1.60E-05	1.54E-05	2.65E-06	2.63E-06	6.2862E-04
608199.93	4200763.95	10168.16804	0.24174	0.24505	0.03676	0.03545	0.02102	0.02093	5.06E-04	5.02E-05	5.16E-05	1.24E-05	1.19E-05	2.54E-06	2.52E-06	6.3731E-04
608199.93	4200771.55	10167.65094	0.23875	0.24207	0.03748	0.03615	0.02109	0.021	5.06E-04	4.96E-05	5.09E-05	1.26E-05	1.21E-05	2.55E-06	2.53E-06	6.3653E-04
608199.93	4200756.35	10167.60016	0.24473	0.24804	0.03604	0.03476	0.02095	0.02086	5.06E-04	5.08E-05	5.22E-05	1.21E-05	1.17E-05	2.53E-06	2.51E-06	6.3804E-04
608199.93	4200748.75	10166.41283	0.24773	0.25103	0.03533	0.03407	0.02087	0.02079	5.06E-04	5.14E-05	5.28E-05	1.19E-05	1.14E-05	2.52E-06	2.51E-06	6.3875E-04
608199.93	4200779.15	10165.93868	0.23578	0.2391	0.03821	0.03685	0.02116	0.02107	5.06E-04	4.90E-05	5.03E-05	1.29E-05	1.24E-05	2.56E-06	2.54E-06	6.3570E-04
608199.93	4200741.15	10164.68701	0.25074	0.25403	0.03464	0.0334	0.0208	0.02072	5.06E-04	5.21E-05	5.34E-05	1.17E-05	1.12E-05	2.51E-06	2.50E-06	6.3944E-04
608199.93	4200786.75	10163.3566	0.23282	0.23614	0.03894	0.03757	0.02123	0.02113	5.06E-04	4.83E-05	4.97E-05	1.31E-05	1.26E-05	2.56E-06	2.55E-06	6.3484E-04
608199.93	4200733.55	10161.64036	0.25375	0.25703	0.03394	0.03273	0.02072	0.02065	5.06E-04	5.27E-05	5.41E-05	1.14E-05	1.10E-05	2.50E-06	2.49E-06	6.4007E-04
608199.93	4200794.35	10159.99893	0.22987	0.2332	0.03968	0.03829	0.0213	0.0212	5.06E-04	4.77E-05	4.91E-05	1.34E-05	1.28E-05	2.57E-06	2.55E-06	6.3395E-04
608199.93	4200801.95	10155.87366	0.22694	0.23027	0.04042	0.03902	0.02136	0.02126	5.06E-04	4.71E-05	4.84E-05	1.36E-05	1.31E-05	2.58E-06	2.56E-06	6.3303E-04
608199.93	4200809.55	10150.89496	0.22402	0.22735	0.04117	0.03975	0.02143	0.02132	5.05E-04	4.65E-05	4.78E-05	1.39E-05	1.33E-05	2.59E-06	2.57E-06	6.3207E-04
608199.93	4200817.15	10145.3305	0.22113	0.22446	0.04193	0.04049	0.02149	0.02138	5.05E-04	4.59E-05	4.72E-05	1.41E-05	1.36E-05	2.59E-06	2.58E-06	6.3110E-04
608199.93	4200824.75	10139.2251	0.21827	0.22159	0.04269	0.04123	0.02155	0.02144	5.05E-04	4.53E-05	4.66E-05	1.44E-05	1.38E-05	2.60E-06	2.58E-06	6.3012E-04
608199.93	4200832.35	10132.63287	0.21543	0.21874	0.04345	0.04198	0.02161	0.02149	5.04E-04	4.47E-05	4.60E-05	1.46E-05	1.41E-05	2.61E-06	2.59E-06	6.2913E-04
608199.93	4200839.95	10125.02443	0.2126	0.21591	0.04422	0.04273	0.02167	0.02155	5.04E-04	4.41E-05	4.54E-05	1.49E-05	1.43E-05	2.62E-06	2.60E-06	6.2809E-04
608199.93	4200847.55	10116.77672	0.2098	0.2131	0.04499	0.04348	0.02172	0.0216	5.04E-04	4.36E-05	4.48E-05	1.52E-05	1.46E-05	2.62E-06	2.60E-06	6.2703E-04
608199.93	4200855.15	10107.8406	0.20703	0.21031	0.04576	0.04424	0.02178	0.02165	5.03E-04	4.30E-05	4.42E-05	1.54E-05	1.48E-05	2.63E-06	2.61E-06	6.2595E-04
608199.93	4200862.75	10098.2432	0.20428	0.20755	0.04654	0.045	0.02183	0.0217	5.03E-04	4.24E-05	4.37E-05	1.57E-05	1.51E-05	2.64E-06	2.62E-06	6.2485E-04
608199.93	4200870.35	10088.08727	0.20155	0.20482	0.04732	0.04577	0.02188	0.02175	5.02E-04	4.19E-05	4.31E-05	1.59E-05	1.54E-05	2.64E-06	2.62E-06	6.2374E-04
608206.8	4200763.95	10104.0685	0.23737	0.24061	0.03665	0.03536	0.02095	0.02086	5.03E-04	4.93E-05	5.06E-05	1.23E-05	1.19E-05	2.53E-06	2.51E-06	6.3219E-04
608206.8	4200756.35	10103.84623	0.24027	0.24351	0.03595	0.03468	0.02088	0.02079	5.03E-04	4.99E-05	5.12E-05	1.21E-05	1.16E-05	2.52E-06	2.51E-06	6.3291E-04
608206.8	4200771.55	10103.41179	0.23448	0.23773	0.03737	0.03606	0.02102	0.02093	5.03E-04	4.87E-05	5.00E-05	1.26E-05	1.21E-05	2.54E-06	2.52E-06	6.3145E-04
608206.8	4200748.75	10103.11297	0.24318	0.24641	0.03525	0.034	0.0208	0.02072	5.03E-04	5.05E-05	5.18E-05	1.19E-05	1.14E-05	2.51E-06	2.50E-06	6.3361E-04
608206.8	4200741.15	10101.58364	0.2461	0.24932	0.03456	0.03333	0.02073	0.02065	5.03E-04	5.11E-05	5.24E-05	1.16E-05	1.12E-05	2.50E-06	2.49E-06	6.3428E-04
608206.8	4200779.15	10101.57181	0.2316	0.23485	0.03808	0.03676	0.02109	0.02099	5.03E-04	4.81E-05	4.94E-05	1.28E-05	1.23E-05	2.55E-06	2.53E-06	6.3064E-04
608206.8	4200786.75	10098.78515	0.22872	0.23197	0.03881	0.03746	0.02115	0.02106	5.03E-04	4.75E-05	4.88E-05	1.31E-05	1.26E-05	2.55E-06	2.54E-06	6.2980E-04
608206.8	4200733.55	10098.74153	0.24901	0.25222	0.03388	0.03267	0.02065	0.02058	5.03E-04	5.17E-05	5.31E-05	1.14E-05	1.10E-05	2.49E-06	2.48E-06	6.3488E-04
608206.8	4200794.35	10095.23848	0.22586	0.22912	0.03954	0.03817	0.02122	0.02112	5.03E-04	4.69E-05	4.82E-05	1.33E-05	1.28E-05	2.56E-06	2.55E-06	6.2893E-04
608206.8	4200801.95	10090.94707	0.22302	0.22627	0.04027	0.03889	0.02128	0.02118	5.02E-04	4.63E-05	4.76E-05	1.36E-05	1.30E-05	2.57E-06	2.55E-06	6.2803E-04
608206.8	4200809.55	10085.90073	0.22019	0.22344	0.04101	0.03961	0.02135	0.02124	5.02E-04	4.57E-05	4.70E-05	1.38E-05	1.33E-05	2.58E-06	2.56E-06	6.2710E-04
608206.8	4200817.15	10080.09564	0.21738	0.22063	0.04176	0.04034	0.02141	0.0213	5.02E-04	4.51E-05	4.64E-05	1.41E-05	1.35E-05	2.59E-06	2.57E-06	6.2615E-04
608206.8	4200824.75	10073.58113	0.21459	0.21784	0.04251	0.04107	0.02147	0.02136	5.02E-04	4.46E-05	4.58E-05	1.43E-05	1.38E-05	2.59E-06	2.57E-06	6.2517E-04
608206.8	4200832.35	10066.77765	0.21183	0.21507	0.04326	0.0418	0.02153	0.02141	5.01E-04	4.40E-05	4.52E-05	1.46E-05	1.40E-05	2.60E-06	2.58E-06	6.2418E-04
608206.8	4200839.95	10059.3514	0.20909	0.21232	0.04401	0.04254	0.02158	0.02147	5.01E-04	4.34E-05	4.47E-05	1.48E-05	1.43E-05	2.61E-06	2.59E-06	6.2318E-04
608206.8	4200847.55	10051.10951	0.20637	0.20959	0.04477	0.04329	0.02164	0.02152	5.00E-04	4.29E-05	4.41E-05	1.51E-05	1.45E-05	2.61E-06	2.59E-06	6.2215E-04
608206.8	4200855.15	10042.08941	0.20367	0.20688	0.04554	0.04404	0.02169	0.02157	5.00E-04	4.23E-05	4.35E-05	1.53E-05	1.48E-05	2.62E-06	2.60E-06	6.2109E-04
608206.8	4200862.75	10032.43127	0.201	0.2042	0.0463	0.04479	0.02175	0.02162	4.99E-04	4.17E-05	4.30E-05	1.56E-05	1.50E-05	2.63E-06	2.61E-06	6.2002E-04
608206.8	4200870.35	10022.2354	0.19835	0.20154	0.04707	0.04554	0.0218	0.02167	4.99E-04	4.12E-05	4.24E-05	1.59E-05	1.53E-05	2.63E-06	2.61E-06	6.1892E-04
608213.67	4200756.35	10040.69624	0.23593	0.23909	0.03585	0.0346	0.0208	0.02072	5.00E-04	4.90E-05	5.03E-05	1.21E-05	1.16E-05	2.51E-06	2.50E-06	6.2786E-04
608213.67	4200763.95	10040.47803	0.23312	0.23629	0.03655	0.03528	0.02087	0.02079	5.00E-04	4.84E-05	4.97E-05	1.23E-05	1.18E-05	2.52E-06	2.51E-06	6.2716E-04
608213.67	4200748.75	10040.30243	0.23875	0.24191	0.03516	0.03393	0.02073	0.02065	5.00E-04	4.96E-05	5.09E-05	1.18E-05	1.14E-05	2.50E-06	2.49E-06	6.2855E-04
608213.67	4200771.55	10039.59435	0.23032	0.23349	0.03725	0.03596	0.02094	0.02085	5.00E-04	4.78E-05	4.91E-05	1.25E-05	1.21E-05	2.53E-06	2.51E-06	6.2642E-04
608213.67	4200741.15	10039.15397	0.24158	0.24473	0.03448	0.03327	0.02066	0.02058	5.00E-04	5.02E-05	5.15E-05	1.16E-05	1.12E-05	2.49E-06	2.48E-06	6.2920E-04
608213.67	4200779.15	10037.63389	0.22752	0.23069	0.03796	0.03665	0.02101	0.02092	5.00E-04	4.72E-05	4.85E-05	1.28E-05	1.23E-05	2.54E-06	2.52E-06	6.2564E-04
608213.67	4200733.55	10036.51788	0.2444	0.24754	0.03381	0.03261	0.02058	0.02051	5.00E-04	5.08E-05	5.21E-05	1.14E-05	1.09E-05	2.49E-06	2.47E-06	6.2978E-04
608213.67	4200786.75	10034.74366	0.22473	0.22791	0.03868	0.03735	0.02108	0.02098	5.00E-04	4.67E-05	4.79E-05	1.30E-05	1.25E-05	2.55E-06	2.53E-06	6.2483E-04
608213.67	4200794.35	10031.10994	0.22196	0.22514	0.0394	0.03805	0.02114	0.02104	4.99E-04	4.61E-05	4.74E-05	1.33E-05	1.28E-05	2.55E-06	2.54E-06	6.2398E-04
608213.67	4200801.95	10026.65995	0.2192	0.22237	0.04012	0.03876	0.02121	0.0211	4.99E-04	4.55E-05	4.68E-05	1.35E-05	1.30E-05	2.56E-06	2.54E-06	6.2310E-04
608213.67	4200809.55	10021.45804	0.21645	0.21963	0.04085	0.03947	0.02127	0.02116	4.99E-04	4.49E-05	4.62E-05	1.38E-05	1.32E-05	2.57E-06	2.55E-06	6.2219E-04
608213.67	4200817.15	10015.50975	0.21372	0.2169	0.04159	0.04019	0.02133	0.02122	4.99E-04	4.44E-05	4.56E-05	1.40E-05	1.35E-05	2.58E-06	2.56E-06	6.2126E-04
608213.67	4200824.75	10008.87113	0.21101	0.21418	0.04232	0.04091	0.02139	0.02127	4.98E-04	4.38E-05	4.51E-05	1.43E-05	1.37E-05	2.58E-06	2.56E-06	6.2029E-04
608213.67	4200832.35	10001.6825	0.20832	0.21149	0.04307	0.04164	0.02144	0.02133	4.98E-04	4.33E-05	4.45E-05	1.45E-05	1.40E-05	2.59E-06	2.57E-06	6.1932E-04
608213.67	4200839.95	9994.25282	0.20566	0.20882	0.04381	0.04237	0.0215	0.02138	4.98E-04	4.27E-05	4.39E-05	1.48E-05	1.42E-05	2.60E-06	2.58E-06	6.1835E-04
608213.67	4200847.55	9986.10886	0.20302	0.20616	0.04456	0.0431	0.02156	0.02144	4.97E-04	4.22E-05	4.34E-05	1.50E-05	1.45E-05	2.60E-06	2.58E-06	6.1734E-04
608213.67	4200855.15	9977.00934	0.20039	0.20353	0.04531	0.04384	0.02161	0.02149	4.97E-04	4.16E-05	4.28E-05	1.53E-05	1.47E-05	2.61E-06	2.59E-06	6.1630E-04
608213.67	4200862.75	9967.29952	0.19779	0.20092	0.04606	0.04458	0.02166	0.02153	4.96E-04	4.11E-05	4.23E-05	1.55E-05	1.50E-05	2.62E-06	2.59E-06	6.1524E-04
608213.67	4200870.35	9957.0664	0.19521	0.19833	0.04682	0.04532	0.02171	0.02158	4.96E-04	4.05E-05	4.17E-05	1.58E-05	1.52E-05	2.62E-06	2.60E-06	6.1417E-04
608220.54	4200756.35	9978.22829	0.2317	0.23479	0.03576	0.03452	0.02073	0.02065	4.97E-04	4.81E-05	4.94E-05	1.20E-05	1.16E-05	2.50E-06	2.49E-06	6.2289E-04
608220.54	4200748.75	9978.17066	0.23444	0.23752	0.03508	0.03386	0.02066	0.02058	4.97E-04	4.87E-05	5.00E-05	1.18E-05	1.14E-05	2.49E-06	2.48E-06	6.2357E-04

608220.54	4200763.95	9977.58754	0.22897	0.23207	0.03645	0.03519	0.0208	0.02071	4.97E-04	4.75E-05	4.88E-05	1.23E-05	1.18E-05	2.51E-06	2.50E-06	6.2220E-04
608220.54	4200741.15	9977.19971	0.23718	0.24025	0.0344	0.0332	0.02059	0.02051	4.97E-04	4.93E-05	5.05E-05	1.16E-05	1.11E-05	2.49E-06	2.47E-06	6.2419E-04
608220.54	4200771.55	9976.29342	0.22625	0.22935	0.03714	0.03586	0.02087	0.02078	4.97E-04	4.70E-05	4.82E-05	1.25E-05	1.20E-05	2.52E-06	2.50E-06	6.2147E-04
608220.54	4200733.55	9974.86008	0.23991	0.24297	0.03373	0.03256	0.02052	0.02044	4.97E-04	4.98E-05	5.11E-05	1.14E-05	1.09E-05	2.48E-06	2.46E-06	6.2476E-04
608220.54	4200779.15	9974.02754	0.22354	0.22664	0.03784	0.03655	0.02094	0.02084	4.97E-04	4.64E-05	4.77E-05	1.27E-05	1.23E-05	2.53E-06	2.51E-06	6.2071E-04
608220.54	4200786.75	9971.03876	0.22083	0.22394	0.03854	0.03723	0.021	0.0209	4.96E-04	4.59E-05	4.71E-05	1.30E-05	1.25E-05	2.54E-06	2.52E-06	6.1990E-04
608220.54	4200794.35	9967.51608	0.21814	0.22125	0.03926	0.03793	0.02107	0.02097	4.96E-04	4.53E-05	4.65E-05	1.32E-05	1.27E-05	2.54E-06	2.53E-06	6.1910E-04
608220.54	4200801.95	9963.00226	0.21546	0.21857	0.03997	0.03863	0.02113	0.02103	4.96E-04	4.47E-05	4.60E-05	1.35E-05	1.30E-05	2.55E-06	2.53E-06	6.1824E-04
608220.54	4200809.55	9957.64719	0.2128	0.2159	0.04069	0.03933	0.02119	0.02108	4.96E-04	4.42E-05	4.54E-05	1.37E-05	1.32E-05	2.56E-06	2.54E-06	6.1735E-04
608220.54	4200817.15	9951.56365	0.21015	0.21325	0.04141	0.04004	0.02125	0.02114	4.95E-04	4.36E-05	4.49E-05	1.39E-05	1.34E-05	2.57E-06	2.55E-06	6.1644E-04
608220.54	4200824.75	9944.8049	0.20751	0.21061	0.04214	0.04075	0.02131	0.02119	4.95E-04	4.31E-05	4.43E-05	1.42E-05	1.37E-05	2.57E-06	2.55E-06	6.1549E-04
608220.54	4200832.35	9937.33522	0.2049	0.20799	0.04287	0.04147	0.02136	0.02125	4.95E-04	4.25E-05	4.38E-05	1.44E-05	1.39E-05	2.58E-06	2.56E-06	6.1453E-04
608220.54	4200839.95	9929.90306	0.20231	0.20539	0.04361	0.04219	0.02142	0.0213	4.94E-04	4.20E-05	4.32E-05	1.47E-05	1.42E-05	2.59E-06	2.57E-06	6.1358E-04
608220.54	4200847.55	9921.67599	0.19974	0.20281	0.04435	0.04291	0.02147	0.02135	4.94E-04	4.15E-05	4.27E-05	1.49E-05	1.44E-05	2.59E-06	2.57E-06	6.1259E-04
608220.54	4200855.15	9912.59234	0.19718	0.20025	0.04509	0.04364	0.02152	0.0214	4.94E-04	4.09E-05	4.21E-05	1.52E-05	1.46E-05	2.60E-06	2.58E-06	6.1158E-04
608220.54	4200862.75	9902.83882	0.19465	0.19771	0.04583	0.04437	0.02158	0.02145	4.93E-04	4.04E-05	4.16E-05	1.54E-05	1.49E-05	2.61E-06	2.59E-06	6.1054E-04
608220.54	4200870.35	9892.56778	0.19214	0.19519	0.04657	0.0451	0.02162	0.02149	4.93E-04	3.99E-05	4.11E-05	1.57E-05	1.51E-05	2.61E-06	2.59E-06	6.0948E-04
608227.41	4200748.75	9916.5257	0.23024	0.23325	0.03499	0.03379	0.02059	0.02051	4.94E-04	4.78E-05	4.91E-05	1.18E-05	1.13E-05	2.49E-06	2.47E-06	6.1866E-04
608227.41	4200756.35	9916.43999	0.22758	0.23061	0.03566	0.03444	0.02066	0.02057	4.94E-04	4.73E-05	4.85E-05	1.20E-05	1.16E-05	2.49E-06	2.48E-06	6.1800E-04
608227.41	4200741.15	9915.61979	0.23289	0.23589	0.03432	0.03314	0.02052	0.02044	4.94E-04	4.84E-05	4.96E-05	1.16E-05	1.11E-05	2.48E-06	2.46E-06	6.1926E-04
608227.41	4200763.95	9915.47858	0.22493	0.22796	0.03634	0.0351	0.02073	0.02064	4.94E-04	4.67E-05	4.80E-05	1.22E-05	1.18E-05	2.50E-06	2.49E-06	6.1732E-04
608227.41	4200771.55	9913.77987	0.22229	0.22532	0.03703	0.03577	0.02079	0.0207	4.94E-04	4.62E-05	4.74E-05	1.25E-05	1.20E-05	2.51E-06	2.49E-06	6.1660E-04
608227.41	4200733.55	9913.57135	0.23553	0.23853	0.03367	0.0325	0.02045	0.02037	4.94E-04	4.89E-05	5.02E-05	1.13E-05	1.09E-05	2.47E-06	2.45E-06	6.1981E-04
608227.41	4200779.15	9911.12061	0.21965	0.22269	0.03772	0.03644	0.02086	0.02077	4.93E-04	4.56E-05	4.68E-05	1.27E-05	1.22E-05	2.52E-06	2.50E-06	6.1584E-04
608227.41	4200786.75	9907.9481	0.21703	0.22007	0.03841	0.03712	0.02092	0.02083	4.93E-04	4.51E-05	4.63E-05	1.29E-05	1.25E-05	2.53E-06	2.51E-06	6.1506E-04
608227.41	4200794.35	9904.26188	0.21442	0.21746	0.03911	0.0378	0.02099	0.02089	4.93E-04	4.45E-05	4.57E-05	1.32E-05	1.27E-05	2.53E-06	2.52E-06	6.1427E-04
608227.41	4200801.95	9899.87094	0.21182	0.21486	0.03982	0.03849	0.02105	0.02095	4.93E-04	4.40E-05	4.52E-05	1.34E-05	1.29E-05	2.54E-06	2.52E-06	6.1345E-04
608227.41	4200809.55	9894.45831	0.20923	0.21227	0.04053	0.03919	0.02111	0.021	4.93E-04	4.34E-05	4.47E-05	1.37E-05	1.31E-05	2.55E-06	2.53E-06	6.1258E-04
608227.41	4200817.15	9888.25093	0.20665	0.20969	0.04124	0.03989	0.02117	0.02106	4.92E-04	4.29E-05	4.41E-05	1.39E-05	1.34E-05	2.56E-06	2.54E-06	6.1168E-04
608227.41	4200824.75	9881.3757	0.20409	0.20712	0.04196	0.04059	0.02123	0.02111	4.92E-04	4.24E-05	4.36E-05	1.41E-05	1.36E-05	2.56E-06	2.54E-06	6.1076E-04
608227.41	4200832.35	9873.90521	0.20155	0.20457	0.04268	0.0413	0.02128	0.02117	4.92E-04	4.19E-05	4.30E-05	1.44E-05	1.39E-05	2.57E-06	2.55E-06	6.0982E-04
608227.41	4200839.95	9866.10682	0.19903	0.20205	0.04341	0.04201	0.02134	0.02122	4.91E-04	4.13E-05	4.25E-05	1.46E-05	1.41E-05	2.58E-06	2.56E-06	6.0887E-04
608227.41	4200847.55	9857.80228	0.19653	0.19954	0.04413	0.04272	0.02139	0.02127	4.91E-04	4.08E-05	4.20E-05	1.49E-05	1.43E-05	2.58E-06	2.56E-06	6.0790E-04
608227.41	4200855.15	9848.83263	0.19405	0.19705	0.04486	0.04344	0.02144	0.02132	4.90E-04	4.03E-05	4.15E-05	1.51E-05	1.46E-05	2.59E-06	2.57E-06	6.0692E-04
608227.41	4200862.75	9839.03414	0.19159	0.19457	0.04559	0.04416	0.02149	0.02136	4.90E-04	3.98E-05	4.09E-05	1.54E-05	1.48E-05	2.59E-06	2.57E-06	6.0589E-04
608227.41	4200870.35	9828.72773	0.18914	0.19212	0.04633	0.04488	0.02154	0.02141	4.89E-04	3.93E-05	4.04E-05	1.56E-05	1.51E-05	2.60E-06	2.58E-06	6.0486E-04
608234.28	4200748.75	9855.17475	0.22613	0.22908	0.03491	0.03371	0.02052	0.02044	4.91E-04	4.70E-05	4.82E-05	1.18E-05	1.13E-05	2.48E-06	2.46E-06	6.1380E-04
608234.28	4200756.35	9854.95004	0.22356	0.22652	0.03557	0.03436	0.02059	0.0205	4.91E-04	4.64E-05	4.77E-05	1.20E-05	1.15E-05	2.49E-06	2.47E-06	6.1317E-04
608234.28	4200741.15	9854.41361	0.2287	0.23164	0.03425	0.03307	0.02045	0.02037	4.91E-04	4.75E-05	4.87E-05	1.15E-05	1.11E-05	2.47E-06	2.45E-06	6.1438E-04
608234.28	4200763.95	9853.95334	0.221	0.22396	0.03624	0.03501	0.02066	0.02057	4.91E-04	4.59E-05	4.71E-05	1.22E-05	1.17E-05	2.49E-06	2.48E-06	6.1251E-04
608234.28	4200771.55	9852.0447	0.21843	0.2214	0.03692	0.03567	0.02072	0.02063	4.90E-04	4.54E-05	4.66E-05	1.24E-05	1.20E-05	2.50E-06	2.49E-06	6.1181E-04
608234.28	4200779.15	9849.28431	0.21587	0.21884	0.0376	0.03633	0.02079	0.02069	4.90E-04	4.48E-05	4.60E-05	1.27E-05	1.22E-05	2.51E-06	2.49E-06	6.1107E-04
608234.28	4200786.75	9845.74882	0.21332	0.21629	0.03828	0.037	0.02085	0.02075	4.90E-04	4.43E-05	4.55E-05	1.29E-05	1.24E-05	2.52E-06	2.50E-06	6.1030E-04
608234.28	4200794.35	9841.62147	0.21078	0.21375	0.03898	0.03768	0.02091	0.02081	4.90E-04	4.38E-05	4.50E-05	1.31E-05	1.26E-05	2.52E-06	2.51E-06	6.0951E-04
608234.28	4200801.95	9837.35398	0.20826	0.21123	0.03967	0.03836	0.02097	0.02087	4.90E-04	4.32E-05	4.44E-05	1.34E-05	1.29E-05	2.53E-06	2.52E-06	6.0872E-04
608234.28	4200809.55	9831.8877	0.20575	0.20872	0.04037	0.03905	0.02103	0.02093	4.89E-04	4.27E-05	4.39E-05	1.36E-05	1.31E-05	2.54E-06	2.52E-06	6.0788E-04
608234.28	4200817.15	9825.65418	0.20324	0.20621	0.04108	0.03974	0.02109	0.02098	4.89E-04	4.22E-05	4.34E-05	1.38E-05	1.33E-05	2.55E-06	2.53E-06	6.0700E-04
608234.28	4200824.75	9818.58027	0.20075	0.20371	0.04178	0.04043	0.02115	0.02103	4.89E-04	4.17E-05	4.29E-05	1.41E-05	1.36E-05	2.55E-06	2.53E-06	6.0609E-04
608234.28	4200832.35	9811.01782	0.19828	0.20124	0.04249	0.04113	0.0212	0.02109	4.88E-04	4.12E-05	4.23E-05	1.43E-05	1.38E-05	2.56E-06	2.54E-06	6.0516E-04
608234.28	4200839.95	9802.86285	0.19583	0.19877	0.04321	0.04183	0.02125	0.02114	4.88E-04	4.07E-05	4.18E-05	1.46E-05	1.40E-05	2.57E-06	2.55E-06	6.0422E-04
608234.28	4200847.55	9794.39396	0.19339	0.19633	0.04392	0.04253	0.02131	0.02119	4.88E-04	4.02E-05	4.13E-05	1.48E-05	1.43E-05	2.57E-06	2.55E-06	6.0326E-04
608234.28	4200855.15	9785.54697	0.19098	0.19391	0.04464	0.04324	0.02136	0.02123	4.87E-04	3.97E-05	4.08E-05	1.50E-05	1.45E-05	2.58E-06	2.56E-06	6.0231E-04
608234.28	4200862.75	9775.88116	0.18858	0.1915	0.04536	0.04395	0.02141	0.02128	4.87E-04	3.92E-05	4.03E-05	1.53E-05	1.47E-05	2.59E-06	2.56E-06	6.0131E-04
608234.28	4200870.35	9765.62694	0.18621	0.18912	0.04608	0.04466	0.02145	0.02132	4.86E-04	3.87E-05	3.98E-05	1.55E-05	1.50E-05	2.59E-06	2.57E-06	6.0030E-04
608240.38	4200722.19	9795.95592	0.2313	0.23416	0.03258	0.03146	0.02021	0.02014	4.88E-04	4.80E-05	4.93E-05	1.10E-05	1.06E-05	2.44E-06	2.43E-06	6.1138E-04
608240.73	4200729.53	9795.29777	0.22868	0.23155	0.03319	0.03205	0.02028	0.0202	4.88E-04	4.75E-05	4.87E-05	1.12E-05	1.07E-05	2.45E-06	2.43E-06	6.1067E-04
608241.15	4200748.75	9794.2066	0.22213	0.22501	0.03482	0.03364	0.02045	0.02037	4.88E-04	4.61E-05	4.73E-05	1.17E-05	1.13E-05	2.47E-06	2.45E-06	6.0901E-04
608241.15	4200741.15	9793.86377	0.22462	0.2275	0.03417	0.033	0.02038	0.0203	4.88E-04	4.66E-05	4.79E-05	1.15E-05	1.11E-05	2.46E-06	2.45E-06	6.0958E-04
608241.15	4200756.35	9793.85438	0.21964	0.22253	0.03547	0.03427	0.02052	0.02043	4.88E-04	4.56E-05	4.68E-05	1.19E-05	1.15E-05	2.48E-06	2.46E-06	6.0840E-04
608241.15	4200763.95	9792.92109	0.21715	0.22005	0.03614	0.03492	0.02058	0.02049	4.88E-04	4.51E-05	4.63E-05	1.22E-05	1.17E-05	2.49E-06	2.47E-06	6.0777E-04
608241.15	4200771.55	9790.98439	0.21467	0.21757	0.0368	0.03557	0.02065	0.02056	4.87E-04	4.46E-05	4.58E-05	1.24E-05	1.19E-05	2.49E-06	2.48E-06	6.0709E-04
608241.15	4200779.15	9788.03634	0.21218	0.21509	0.03748	0.03623	0.02071	0.02062	4.87E-04	4.41E-05	4.52E-05	1.26E-05	1.22E-05	2.50E-06	2.49E-06	6.0637E-04
608241.15	4200786.75	9784.24173	0.20971	0.21261	0.03816	0.03689	0.02077	0.02068	4.87E-04	4.35E-05	4.47E-05	1.29E-05	1.24E-05	2.51E-06	2.49E-06	6.0561E-04
608241.15	4200794.35	9779.95779	0.20724	0.21014	0.03884	0.03756	0.02084	0.02074	4.87E-04	4.30E-05	4.42E-05	1.31E-05	1.26E-05	2.52E-06	2.50E-06	6.0484E-04
608241.15	4200801.95	9775.44615	0.20479	0.20769	0.03952	0.03823	0.0209	0.02079	4.87E-04	4.25E-05	4.37E-05	1.33E-05	1.28E-05	2.52E-06	2.51E-06	6.0406E-04
608241.15	4200809.55	9769.93472	0.20235	0.20525	0.04021	0.03891	0.02095	0.02085	4.86E-04	4.20E-05	4.32E-05	1.35E-05	1.31E-05	2.53E-06	2.51E-06	6.0324E-04
608241.15	4200817.15	9763.58126	0.19991	0.20281	0.04091	0.03959	0.02101	0.0209	4.86E-04	4.15E-05	4.27E-05	1.38E-05	1.33E-05	2.54E-06	2.52E-06	6.0238E-04
608241.15	4200824.75	9756.49987	0.19749	0.20039	0.0416	0.04027	0.02107	0.02095	4.86E-04	4.10E-05	4.22E-05	1.40E-05	1.35E-05	2.54E-06	2.52E-06	6.0149E-04
608241.15	4200832.35	9748.84897	0.19509	0.19798	0.0423	0.04096	0.02112	0.02101	4.85E-04	4.05E-05	4.16E-05	1.42E-05	1.37E-05	2.55E-06	2.53E-06	6.0058E-04
608241.15	4200839.95	9740.52227	0.1927	0.19558	0.04301	0.04165	0.02117	0.02106	4.85E-04	4.00E-05	4.11E-05	1.45E-05	1.40E-05	2.56E-06	2.54E-06	5.9965E-04
608241.15	4200847.55	9731.80331	0.19033	0.1932	0.04371	0.04234	0.02122	0.0211	4.85E-04	3.95E-05	4.06E-05	1.47E-05	1.42E-05	2.56E-06	2.54E-06	5.9870E-04
608241.15	4200855.15	9722.63601	0.18798	0.19084	0.04442	0.04304	0.02127	0.02115	4.84E-04	3.90E-05	4.01E-05	1.50E-05	1.44E-05	2.57E-06	2.55E-06	5.9774E-04
608241.15	4200862.75	9713.19416	0.18565	0.1885	0.04513	0.04374	0.02132	0.0212	4.84E-04	3.86E-05	3.97E-05	1.52E-05	1.47E-05	2.57E-06	2.55E-06	5.9678E-04
608241.15	4200870.35	9702.9918	0.18334	0.18618	0.04584	0.04444	0.02137	0.02124	4.83E-04	3.81E-05	3.92E-05	1.54E-05	1.49E-05	2.58E-06	2.56E-06	5.9579E-04
608248.02	4200741.15	9734.06265	0.22065	0.22346	0.03409	0.03293	0.02031	0.02023	4.85E-04	4.58E-05	4.70E-05	1.15E-05	1.10E-05	2.45E-06	2.44E-06	6.0486E-04
608248.02	4200748.75	9733.99057	0.21823	0.22105	0.03473	0.03356	0.02038	0.02029	4.85E-04	4.53E-05	4.65E-05	1.17E-05	1.13E-05	2.46E-06	2.45E-06	6.0429E-04
608248.02	4200756.35	9733.51166	0.21582	0.21864	0.03538	0.03419	0.02045	0.02036	4.85E-04	4.48E-05	4.60E-05	1.19E-05	1.15E-05	2.47E-06	2.45E-06	6.0371E-04
608248.02	4200763.95	9732.46144	0.21341	0.21624	0.03603	0.03483	0.02051	0.02042	4.85E-04	4.43E-05	4.55E-05	1.21E-05	1.17E-05	2.48E-06	2.46E-06	6.0310E-04
608248.02	4200771.55	9730.40949	0.21099	0.21383	0.03669	0.03547	0.02058	0.02048	4.84E-04	4.38E-05	4.50E-05	1.24E-05	1.19E-05	2.49E-06	2.47E-06	6.0244E-04
608248.02	4200779.15	9727.27865	0.20858	0.21142	0.03736	0.03612	0.02064	0.02054	4.84E-04	4.33E-05	4.45E-05	1.26E-05	1.21E-05	2.49E-06	2.48E-06	6.0173E-04
608248.02	4200786.75	9723.3231	0.20618	0.20902	0.03803	0.03678	0.0207	0.0206	4.84E-04	4.28E-05	4.40E-05	1.28E-05	1.23E-05	2.50E-06	2.48E-06	6.0100E-04
608248.02	4200794.35	9718.88971	0.20378	0.20662	0.0387	0.03743	0.02076	0.02066	4.84E-04	4.23E-05	4.35E-05	1.30E-05	1.26E-05	2.51E-06	2.49E-06	6.0023E-04
608248.02	4200801.95	9713.95736	0.20139	0.20423	0.03938	0.0381	0.02082	0.02072	4.84E-04	4.18E-05	4.30E-05	1.33E-05	1.28E-05	2.51E-06	2.50E-06	5.9945E-04
608248.02	4200809.55	9708.40852	0.19902	0.20186	0.04006	0.03877	0.02088	0.02077	4.83E-04	4.13E-05	4.25E-05	1.35E-05	1.30E-05	2.52E-06	2.50E-06	5.9865E-04
608248.02	4200817.15	9702.03578	0.19666	0.19949	0.04074	0.03944	0.02093	0.02082	4.83E-04	4.08E-05	4.20E-05	1.37E-05	1.32E-05	2.53E-06	2.51E-06	5.9781E-04
608248.02	4200824.75	9694.94784	0.1943	0.19714	0.04143	0.04011	0.02099	0.02088	4.83E-04	4.03E-05	4.15E-05	1.40E-05	1.35E-05	2.53E-06	2.52E-06	5.9695E-04
608248.02	4200832.35	9687.20866	0.19196	0.19479	0.04212	0.04079	0.02104	0.02093	4.82E-04	3.99E-05	4.10E-05	1.42E-05	1.37E-05	2.54E-06	2.52E-06	5.9605E-04
608248.02	4200839.95	9678.89537	0.18964	0.19246	0.04282	0.04147	0.02109	0.02097	4.82E-04	3.94E-05	4.05E-05	1.44E-05	1.39E-05	2.55E-06	2.53E-06	5.9514E-04
608248.02	4200847.55	9669.93162	0.18733	0.19014	0.04351	0.04216	0.02114	0.02102	4.81E-04	3.89E-05	4.00E-05	1.47E-05	1.41E-05	2.55E-06	2.53E-06	5.9420E-04
608248.02	4200855.15	9660.62788	0.18504	0.18784	0.04421	0.04284	0.02119	0.02107	4.81E-04	3.84E-05	3.95E-05	1.49E-05	1.44E-05	2.56E-06	2.54E-06	5.9326E-04
608248.02	4200862.75	9650.96944	0.18277	0.18556	0.04491	0.04353	0.02124	0.02111	4.80E-04	3.80E-05	3.90E-05	1.51E-05	1.46E-05	2.56E-06	2.54E-06	5.9230E-04
608248.02	4200870.35	9640.90475	0.18052	0.1833	0.0456	0.04422	0.02128	0.02116	4.80E-04	3.75E-05	3.86E-05	1.54E-05	1.48E-05	2.57E-06	2.55E-06	5.9134E-04
608248.07	4200730.93	9732.28118	0.22387	0.22667	0.03323	0.0321	0.02022	0.02014	4.85E-04	4.65E-05	4.77E-05	1.12E-05	1.08E-05	2.44E-06	2.43E-06	6.0553E-04
608248.42	4200723.59	9727.33295	0.22599	0.22877	0.03262	0.03151	0.02014	0.02007	4.84E-04	4.69E-05	4.81E-05	1.10E-05	1.06E-05	2.43E-06	2.42E-06	6.0574E-04
608254.89	4200741.15	9674.90155	0.21678	0.21953	0.034	0.03287	0.02024	0.02016	4.82E-04	4.50E-05	4.62E-05	1.15E-05	1.10E-05	2.44E-06	2.43E-06	6.0022E-04
608254.89	4200748.75	9674.60327	0.21443	0.21719	0.03464	0.03349	0.02031	0.02022	4.82E-04	4.45E-05	4.57E-05	1.17E-05	1.12E-05	2.45E-06	2.44E-06	5.9966E-04
608254.89	4200756.35	9673.82029	0.21209	0.21485	0.03528	0.03411	0.02037	0.02029	4.82E-04	4.40E-05	4.52E-05	1.19E-05	1.14E-05	2.46E-06	2.45E-06	5.9909E-04
608254.89	4200763.95	9672.47297	0.20975	0.21252	0.03593	0.03474	0.02044	0.02035	4.82E-04	4.36E-05	4.47E-05	1.21E-05	1.17E-05	2.47E-06	2.45E-06	5.9849E-04
608254.89	4200771.55	9670.31749	0.20741	0.21018	0.03658	0.03538	0.0205	0.02041	4.81E-04	4.31E-05	4.42E-05	1.23E-05	1.19E-05	2.48E-06	2.46E-06	5.9785E-04
608254.89	4200779.15	9667.09805	0.20507	0.20784	0.03724	0.03602	0.02057	0.02047	4.81E-04	4.26E-05	4.37E-05	1.25E-05	1.21E-05	2.48E-06	2.47E-06	5.9716E-04
608254.89	4200786.75	9663.07652	0.20273	0.20551	0.0379	0.03666	0.02063	0.02053	4.81E-04	4.21E-05	4.32E-05	1.28E-05	1.23E-05	2.49E-06	2.47E-06	5.9644E-04
608254.89	4200794.35	9658.41196	0.2004	0.20318	0.03856	0.03731	0.02068	0.02058	4.81E-04	4.16E-05	4.27E-05	1.30E-05	1.25E-05	2.50E-06	2.48E-06	5.9569E-04
608254.89	4200801.95	9653.06719	0.19808	0.20086	0.03923	0.03797	0.02074	0.02064	4.81E-04	4.11E-05	4.23E-05	1.32E-05	1.27E-05	2.50E-06	2.49E-06	5.9491E-04
608254.89	4200809.55	9647.39737	0.19577	0.19855	0.0399	0.03863	0.0208	0.02069	4.80E-04	4.07E-05	4.18E-05	1.34E-05	1.30E-05	2.51E-06	2.49E-06	5.9412E-04
608254.89	4200817.15	9641.00329	0.19347	0.19625	0.04058	0.03929	0.02085	0.02075	4.80E-04	4.02E-05	4.13E-05	1.37E-05	1.32E-05	2.52E-06	2.50E-06	5.9331E-04
608254.89	4200824.75	9634.00355	0.19119	0.19396	0.04126	0.03996	0.02091	0.0208	4.80E-04	3.97E-05	4.08E-05	1.39E-05	1.34E-05	2.52E-06	2.51E-06	5.9247E-04
608254.89	4200832.35	9626.18134	0.18891	0.19168	0.04194	0.04062	0.02096	0.02085	4.79E-04	3.92E-05	4.03E-05	1.41E-05	1.36E-05	2.53E-06	2.51E-06	5.9159E-04
608254.89	4200839.95	9617.79409	0.18665	0.18941	0.04262	0.0413	0.02101	0.02089	4.79E-04	3.88E-05	3.98E-05	1.44E-05	1.39E-05	2.54E-06	2.52E-06	5.9069E-04
608254.89	4200847.55	9608.85575	0.1844	0.18715	0.04331	0.04197	0.02106	0.02094	4.78E-04	3.83E-05	3.94E-05	1.46E-05	1.41E-05	2.54E-06	2.52E-06	5.8978E-04
608254.89	4200855.15	9599.33225	0.18217	0.18491	0.04399	0.04265	0.02111	0.02099	4.78E-04	3.78E-05	3.89E-05	1.48E-05	1.43E-05	2.55E-06	2.53E-06	5.8884E-04
608254.89	4200862.75	9589.46253	0.17996	0.18269	0.04468	0.04333	0.02115	0.02103	4.77E-04	3.74E-05	3.84E-05	1.50E-05	1.45E-05	2.55E-06	2.53E-06	5.8789E-04
608254.89	4200870.35	9579.36366	0.17777	0.18049	0.04537	0.04401	0.0212	0.02107	4.77E-04	3.69E-05	3.80E-05	1.53E-05	1.48E-05	2.56E-06	2.54E-06	5.8694E-04
608255.41	4200731.98	9669.59755	0.21931	0.22205	0.03324	0.03212	0.02015	0.02008	4.81E-04	4.55E-05	4.67E-05	1.12E-05	1.08E-05	2.43E-06	2.42E-06	6.0048E-04
608255.76	4200725.34	9665.05931	0.22115	0.22387	0.03269	0.03159	0.02009	0.02001	4.81E-04	4.59E-05	4.71E-05	1.10E-05	1.06E-05	2.43E-06	2.41E-06	6.0064E-04
608261.76	4200741.15	9616.28712	0.21301	0.2157	0.03392	0.0328	0.02017	0.02009	4.79E-04	4.42E-05	4.54E-05	1.14E-05	1.10E-05	2.44E-06	2.42E-06	5.9565E-04
608261.76	4200748.75	9615.85727	0.21073	0.21343	0.03455	0.03341	0.02024	0.02016	4.79E-04	4.38E-05	4.49E-05	1.16E-05	1.12E-05	2.44E-06	2.43E-06	5.9511E-04
608261.76	4200756.35	9614.68859	0.20845	0.21116	0.03518	0.03403	0.0203	0.02022	4.79E-04	4.33E-05	4.44E-05	1.18E-05	1.14E-05	2.45E-06	2.44E-06	5.9453E-04
608261.76	4200763.95	9612.95237	0.20618	0.20889	0.03582	0.03465	0.02037	0.02028	4.79E-04	4.28E-05	4.39E-05	1.21E-05	1.16E-05	2.46E-06	2.44E-06	5.9394E-04
608261.76	4200771.55	9610.70073	0.20391	0.20662	0.03647	0.03528	0.02043	0.02034	4.78E-04	4.23E-05	4.35E-05	1.23E-05	1.18E-05	2.47E-06	2.45E-06	5.9332E-04
608261.76	4200779.15	9607.40546	0.20163	0.20435	0.03711	0.03591	0.02049	0.0204	4.78E-04	4.19E-05	4.30E-05	1.25E-05	1.20E-05	2.47E-06	2.46E-06	5.9265E-04
608261.76	4200786.75	9603.31846	0.19937	0.20208	0.03777	0.03655	0.02055	0.02045	4.78E-04	4.14E-05	4.25E-05	1.27E-05	1.23E-05	2.48E-06	2.46E-06	5.9195E-04
608261.76	4200794.35	9598.51337	0.1971	0.19982	0.03842	0.03719	0.02061	0.02051	4.78E-04	4.09E-05	4.20E-05	1.29E-05	1.25E-05	2.49E-06	2.47E-06	5.9121E-04
608261.76	4200801.95	9592.94747	0.19484	0.19756	0.03908	0.03784	0.02067	0.02056	4.78E-04	4.05E-05	4.16E-05	1.32E-05	1.27E-05	2.50E-06	2.48E-06	5.9044E-04
608261.76	4200809.55	9586.98357	0.1926	0.19531	0.03975	0.03849	0.02072	0.02062	4.77E-04	4.00E-05	4.11E-05	1.34E-05	1.29E-05	2.50E-06	2.49E-06	5.8966E-04
608261.76	4200817.15	9580.47894	0.19036	0.19307	0.04041	0.03914	0.02078	0.02067	4.77E-04	3.95E-05	4.06E-05	1.36E-05	1.31E-05	2.51E-06	2.49E-06	5.8885E-04
608261.76	4200824.75	9573.5672	0.18814	0.19085	0.04108	0.0398	0.02083	0.02072	4.77E-04	3.91E-05	4.01E-05	1.38E-05	1.33E-05	2.52E-06	2.50E-06	5.8804E-04
608261.76	4200832.35	9565.75526	0.18593	0.18863	0.04175	0.04046	0.02088	0.02077	4.76E-04	3.86E-05	3.97E-05	1.41E-05	1.36E-05	2.52E-06	2.50E-06	5.8719E-04
608261.76	4200839.95	9557.30013	0.18373	0.18642	0.04243	0.04112	0.02093	0.02081	4.76E-04	3.82E-05	3.92E-05	1.43E-05	1.38E-05	2.53E-06	2.51E-06	5.8630E-04
608261.76	4200847.55	9548.30529	0.18154	0.18423	0.0431	0.04179	0.02098	0.02086	4.75E-04	3.77E-05	3.88E-05	1.45E-05	1.40E-05	2.53E-06	2.51E-06	5.8540E-04
608261.76	4200855.15	9538.82755	0.17937	0.18205	0.04378	0.04245	0.02103	0.0209	4.75E-04	3.72E-05	3.83E-05	1.47E-05	1.42E-05	2.54E-06	2.52E-06	5.8448E-04
608261.76	4200862.75	9528.7489	0.17721	0.17988	0.04446	0.04312	0.02107	0.02095	4.74E-04	3.68E-05	3.78E-05	1.50E-05	1.45E-05	2.54E-06	2.52E-06	5.8354E-04
608261.76	4200870.35	9518.45066	0.17507	0.17773	0.04514	0.0438	0.02112	0.02099	4.74E-04	3.64E-05	3.74E-05	1.52E-05	1.47E-05	2.55E-06	2.53E-06	5.8260E-04
608268.63	4200741.15	9557.74962	0.20932	0.21195	0.03384	0.03273	0.0201	0.02002	4.76E-04	4.35E-05	4.46E-05	1.14E-05	1.10E-05	2.43E-06	2.41E-06	5.9111E-04
608268.63	4200748.75	9557.28778	0.20711	0.20975	0.03446	0.03333	0.02017	0.02009	4.76E-04	4.30E-05	4.41E-05	1.16E-05	1.12E-05	2.44E-06	2.42E-06	5.9059E-04
608268.63	4200756.35	9556.10653	0.20491	0.20755	0.03508	0.03394	0.02023	0.02015	4.76E-04	4.26E-05	4.37E-05	1.18E-05	1.14E-05	2.44E-06	2.43E-06	5.9004E-04
608268.63	4200763.95	9554.07661	0.20269	0.20535	0.03572	0.03456	0.0203	0.02021	4.76E-04	4.21E-05	4.32E-05	1.20E-05	1.16E-05	2.45E-06	2.44E-06	5.8945E-04
608268.63	4200771.55	9551.82203	0.20049	0.20315	0.03635	0.03518	0.02036	0.02027	4.76E-04	4.16E-05	4.27E-05	1.22E-05	1.18E-05	2.46E-06	2.44E-06	5.8886E-04
608268.63	4200779.15	9548.367	0.19828	0.20094	0.03699	0.03581	0.02042	0.02032	4.75E-04	4.12E-05	4.23E-05	1.25E-05	1.20E-05	2.47E-06	2.45E-06	5.8820E-04
608268.63	4200786.75	9544.12785	0.19608	0.19874	0.03764	0.03644	0.02048	0.02038	4.75E-04	4.07E-05	4.18E-05	1.27E-05	1.22E-05	2.47E-06	2.46E-06	5.8752E-04
608268.63	4200794.35	9539.18592	0.19388	0.19654	0.03828	0.03707	0.02054	0.02043	4.75E-04	4.03E-05	4.13E-05	1.29E-05	1.24E-05	2.48E-06	2.46E-06	5.8679E-04
608268.63	4200801.95	9533.58359	0.19168	0.19434	0.03893	0.03771	0.02059	0.02049	4.75E-04	3.98E-05	4.09E-05	1.31E-05	1.26E-05	2.49E-06	2.47E-06	5.8604E-04
608268.63	4200809.55	9527.24443	0.1895	0.19215	0.03959	0.03835	0.02065	0.02054	4.74E-04	3.94E-05	4.04E-05	1.33E-05	1.29E-05	2.49E-06	2.48E-06	5.8526E-04
608268.63	4200817.15	9520.63652	0.18732	0.18998	0.04025	0.03899	0.0207	0.02059	4.74E-04	3.89E-05	4.00E-05	1.36E-05	1.31E-05	2.50E-06	2.48E-06	5.8447E-04
608268.63	4200824.75	9513.80838	0.18516	0.18781	0.04091	0.03964	0.02075	0.02064	4.74E-04	3.85E-05	3.95E-05	1.38E-05	1.33E-05	2.51E-06	2.49E-06	5.8368E-04
608268.63	4200832.35	9505.9267	0.18301	0.18565	0.04157	0.04029	0.0208	0.02069	4.73E-04	3.80E-05	3.91E-05	1.40E-05	1.35E-05	2.51E-06	2.49E-06	5.8284E-04
608268.63	4200839.95	9497.40682	0.18087	0.1835	0.04224	0.04095	0.02085	0.02073	4.73E-04	3.76E-05	3.86E-05	1.42E-05	1.37E-05	2.52E-06	2.50E-06	5.8197E-04
608268.63	4200847.55	9488.35892	0.17874	0.18137	0.0429	0.0416	0.0209	0.02078	4.72E-04	3.71E-05	3.82E-05	1.44E-05	1.40E-05	2.52E-06	2.50E-06	5.8108E-04
608268.63	4200855.15	9478.84143	0.17662	0.17924	0.04357	0.04226	0.02095	0.02082	4.72E-04	3.67E-05	3.77E-05	1.47E-05	1.42E-05	2.53E-06	2.51E-06	5.8018E-04
608268.63	4200862.75	9468.82005	0.17452	0.17713	0.04424	0.04292	0.02099	0.02086	4.71E-04	3.62E-05	3.73E-05	1.49E-05	1.44E-05	2.53E-06	2.51E-06	5.7926E-04
608268.63	4200870.35	9458.33222	0.17244	0.17504	0.04491	0.04358	0.02103	0.02091	4.71E-04	3.58E-05	3.68E-05	1.51E-05	1.46E-05	2.54E-06	2.52E-06	5.7832E-04
608275.5	4200733.55	9499.8282	0.20786	0.21043	0.03315	0.03206	0.01997	0.01989	4.73E-04	4.32E-05	4.43E-05	1.12E-05	1.08E-05	2.41E-06	2.40E-06	5.8711E-04
608275.5	4200741.15	9499.74887	0.20572	0.2083	0.03375	0.03266	0.02003	0.01995	4.73E-04	4.27E-05	4.38E-05	1.14E-05	1.10E-05	2.42E-06	2.40E-06	5.8663E-04
608275.5	4200748.75	9499.34432	0.20359	0.20617	0.03437	0.03325	0.0201	0.02002	4.73E-04	4.23E-05	4.34E-05	1.16E-05	1.12E-05	2.43E-06	2.41E-06	5.8615E-04
608275.5	4200756.35	9498.14991	0.20144	0.20403	0.03499	0.03386	0.02016	0.02008	4.73E-04	4.18E-05	4.29E-05	1.18E-05	1.14E-05	2.43E-06	2.42E-06	5.8562E-04
608275.5	4200763.95	9496.01753	0.1993	0.20189	0.03561	0.03447	0.02023	0.02014	4.73E-04	4.14E-05	4.25E-05	1.20E-05	1.16E-05	2.44E-06	2.43E-06	5.8505E-04
608275.5	4200771.55	9493.31636	0.19715	0.19975	0.03624	0.03508	0.02029	0.02019	4.73E-04	4.09E-05	4.20E-05	1.22E-05	1.18E-05	2.45E-06	2.43E-06	5.8445E-04
608275.5	4200779.15	9489.79778	0.19501	0.19761	0.03687	0.0357	0.02035	0.02025	4.72E-04	4.05E-05	4.16E-05	1.24E-05	1.20E-05	2.46E-06	2.44E-06	5.8381E-04
608275.5	4200786.75	9485.50151	0.19287	0.19547	0.03751	0.03632	0.0204	0.02031	4.72E-04	4.01E-05	4.11E-05	1.26E-05	1.22E-05	2.46E-06	2.45E-06	5.8314E-04
608275.5	4200794.35	9480.42712	0.19073	0.19333	0.03814	0.03695	0.02046	0.02036	4.72E-04	3.96E-05	4.07E-05	1.28E-05	1.24E-05	2.47E-06	2.45E-06	5.8243E-04
608275.5	4200801.95	9474.70312	0.1886	0.1912	0.03879	0.03758	0.02052	0.02041	4.72E-04	3.92E-05	4.02E-05	1.31E-05	1.26E-05	2.48E-06	2.46E-06	5.8170E-04
608275.5	4200809.55	9468.34571	0.18647	0.18907	0.03943	0.03821	0.02057	0.02046	4.71E-04	3.87E-05	3.98E-05	1.33E-05	1.28E-05	2.48E-06	2.47E-06	5.8093E-04
608275.5	4200817.15	9461.5538	0.18435	0.18695	0.04008	0.03885	0.02062	0.02051	4.71E-04	3.83E-05	3.93E-05	1.35E-05	1.30E-05	2.49E-06	2.47E-06	5.8015E-04
608275.5	4200824.75	9454.46179	0.18225	0.18484	0.04073	0.03949	0.02067	0.02056	4.71E-04	3.78E-05	3.89E-05	1.37E-05	1.32E-05	2.50E-06	2.48E-06	5.7936E-04
608275.5	4200832.35	9446.59858	0.18016	0.18274	0.04139	0.04013	0.02072	0.02061	4.70E-04	3.74E-05	3.84E-05	1.39E-05	1.35E-05	2.50E-06	2.48E-06	5.7855E-04
608275.5	4200839.95	9438.10845	0.17807	0.18065	0.04204	0.04078	0.02077	0.02066	4.70E-04	3.70E-05	3.80E-05	1.42E-05	1.37E-05	2.51E-06	2.49E-06	5.7770E-04
608275.5	4200847.55	9429.00972	0.176	0.17857	0.0427	0.04142	0.02082	0.0207	4.69E-04	3.65E-05	3.76E-05	1.44E-05	1.39E-05	2.51E-06	2.49E-06	5.7683E-04
608275.5	4200855.15	9419.45429	0.17394	0.1765	0.04336	0.04207	0.02086	0.02074	4.69E-04	3.61E-05	3.71E-05	1.46E-05	1.41E-05	2.52E-06	2.50E-06	5.7594E-04
608275.5	4200862.75	9409.40313	0.17189	0.17444	0.04402	0.04272	0.02091	0.02078	4.68E-04	3.57E-05	3.67E-05	1.48E-05	1.43E-05	2.52E-06	2.50E-06	5.7503E-04
608275.5	4200870.35	9398.90387	0.16986	0.1724	0.04468	0.04338	0.02095	0.02082	4.68E-04	3.53E-05	3.63E-05	1.50E-05	1.46E-05	2.53E-06	2.51E-06	5.7411E-04
608282.37	4200733.55	9443.10275	0.2043	0.20681	0.03307	0.032	0.0199	0.01982	4.70E-04	4.24E-05	4.35E-05	1.11E-05	1.07E-05	2.40E-06	2.39E-06	5.8272E-04
608282.37	4200741.15	9442.72408	0.20222	0.20474	0.03367	0.03258	0.01997	0.01988	4.70E-04	4.20E-05	4.31E-05	1.13E-05	1.09E-05	2.41E-06	2.40E-06	5.8225E-04
608282.37	4200748.75	9442.02756	0.20014	0.20267	0.03428	0.03318	0.02003	0.01995	4.70E-04	4.16E-05	4.26E-05	1.15E-05	1.11E-05	2.42E-06	2.40E-06	5.8177E-04
608282.37	4200756.35	9440.63584	0.19806	0.2006	0.03489	0.03377	0.02009	0.02001	4.70E-04	4.11E-05	4.22E-05	1.18E-05	1.13E-05	2.43E-06	2.41E-06	5.8125E-04
608282.37	4200763.95	9438.32018	0.19598	0.19852	0.0355	0.03437	0.02015	0.02006	4.70E-04	4.07E-05	4.18E-05	1.20E-05	1.15E-05	2.43E-06	2.42E-06	5.8069E-04
608282.37	4200771.55	9435.19048	0.19389	0.19644	0.03612	0.03498	0.02021	0.02012	4.70E-04	4.03E-05	4.13E-05	1.22E-05	1.17E-05	2.44E-06	2.42E-06	5.8009E-04
608282.37	4200779.15	9431.60128	0.19181	0.19436	0.03675	0.03559	0.02027	0.02018	4.70E-04	3.98E-05	4.09E-05	1.24E-05	1.19E-05	2.45E-06	2.43E-06	5.7947E-04
608282.37	4200786.75	9427.34066	0.18973	0.19228	0.03738	0.03621	0.02033	0.02023	4.69E-04	3.94E-05	4.05E-05	1.26E-05	1.21E-05	2.45E-06	2.44E-06	5.7882E-04
608282.37	4200794.35	9422.31531	0.18766	0.1902	0.03801	0.03682	0.02039	0.02029	4.69E-04	3.90E-05	4.00E-05	1.28E-05	1.23E-05	2.46E-06	2.45E-06	5.7814E-04
608282.37	4200801.95	9416.4767	0.18558	0.18813	0.03864	0.03745	0.02044	0.02034	4.69E-04	3.85E-05	3.96E-05	1.30E-05	1.26E-05	2.47E-06	2.45E-06	5.7741E-04
608282.37	4200809.55	9409.92988	0.18351	0.18605	0.03928	0.03807	0.02049	0.02039	4.68E-04	3.81E-05	3.91E-05	1.32E-05	1.28E-05	2.47E-06	2.46E-06	5.7666E-04
608282.37	4200817.15	9402.95744	0.18145	0.18399	0.03992	0.0387	0.02055	0.02044	4.68E-04	3.77E-05	3.87E-05	1.34E-05	1.30E-05	2.48E-06	2.46E-06	5.7589E-04
608282.37	4200824.75	9395.44062	0.1794	0.18194	0.04056	0.03933	0.0206	0.02048	4.68E-04	3.73E-05	3.83E-05	1.37E-05	1.32E-05	2.49E-06	2.47E-06	5.7509E-04
608282.37	4200832.35	9387.85863	0.17736	0.1799	0.04121	0.03997	0.02065	0.02053	4.67E-04	3.68E-05	3.78E-05	1.39E-05	1.34E-05	2.49E-06	2.47E-06	5.7431E-04
608282.37	4200839.95	9379.39252	0.17534	0.17786	0.04185	0.0406	0.02069	0.02058	4.67E-04	3.64E-05	3.74E-05	1.41E-05	1.36E-05	2.50E-06	2.48E-06	5.7348E-04
608282.37	4200847.55	9370.24971	0.17332	0.17583	0.0425	0.04124	0.02074	0.02062	4.67E-04	3.60E-05	3.70E-05	1.43E-05	1.38E-05	2.50E-06	2.49E-06	5.7262E-04
608282.37	4200855.15	9360.65723	0.17131	0.17382	0.04315	0.04188	0.02078	0.02066	4.66E-04	3.56E-05	3.66E-05	1.45E-05	1.40E-05	2.51E-06	2.49E-06	5.7175E-04
608282.37	4200862.75	9350.58327	0.16932	0.17181	0.0438	0.04253	0.02083	0.0207	4.66E-04	3.52E-05	3.61E-05	1.48E-05	1.43E-05	2.52E-06	2.49E-06	5.7086E-04
608282.37	4200870.35	9340.07314	0.16734	0.16982	0.04445	0.04317	0.02087	0.02074	4.65E-04	3.47E-05	3.57E-05	1.50E-05	1.45E-05	2.52E-06	2.50E-06	5.6995E-04
608289.24	4200733.55	9387.07089	0.20082	0.20328	0.03299	0.03193	0.01984	0.01976	4.67E-04	4.17E-05	4.28E-05	1.11E-05	1.07E-05	2.40E-06	2.38E-06	5.7840E-04
608289.24	4200741.15	9386.39451	0.1988	0.20127	0.03359	0.03251	0.0199	0.01982	4.67E-04	4.13E-05	4.23E-05	1.13E-05	1.09E-05	2.40E-06	2.39E-06	5.7794E-04
608289.24	4200748.75	9385.23675	0.19678	0.19926	0.03419	0.0331	0.01996	0.01988	4.67E-04	4.09E-05	4.19E-05	1.15E-05	1.11E-05	2.41E-06	2.40E-06	5.7745E-04
608289.24	4200756.35	9383.47253	0.19476	0.19724	0.03479	0.03369	0.02002	0.01994	4.67E-04	4.04E-05	4.15E-05	1.17E-05	1.13E-05	2.42E-06	2.40E-06	5.7694E-04
608289.24	4200763.95	9381.16006	0.19274	0.19523	0.0354	0.03428	0.02008	0.01999	4.67E-04	4.00E-05	4.11E-05	1.19E-05	1.15E-05	2.42E-06	2.41E-06	5.7640E-04
608289.24	4200771.55	9377.87356	0.19071	0.1932	0.03601	0.03488	0.02014	0.02005	4.67E-04	3.96E-05	4.06E-05	1.21E-05	1.17E-05	2.43E-06	2.42E-06	5.7580E-04
608289.24	4200779.15	9373.95147	0.18869	0.19118	0.03662	0.03548	0.0202	0.02011	4.67E-04	3.92E-05	4.02E-05	1.23E-05	1.19E-05	2.44E-06	2.42E-06	5.7519E-04
608289.24	4200786.75	9369.46769	0.18666	0.18916	0.03724	0.03609	0.02026	0.02016	4.66E-04	3.88E-05	3.98E-05	1.25E-05	1.21E-05	2.45E-06	2.43E-06	5.7454E-04

608289.24	4200794.35	9364.58316	0.18465	0.18714	0.03787	0.0367	0.02031	0.02021	4.66E-04	3.83E-05	3.94E-05	1.28E-05	1.23E-05	2.45E-06	2.44E-06	5.7389E-04
608289.24	4200801.95	9358.64065	0.18263	0.18512	0.03849	0.03732	0.02037	0.02026	4.66E-04	3.79E-05	3.89E-05	1.30E-05	1.25E-05	2.46E-06	2.44E-06	5.7318E-04
608289.24	4200809.55	9352.16178	0.18062	0.18311	0.03912	0.03793	0.02042	0.02031	4.66E-04	3.75E-05	3.85E-05	1.32E-05	1.27E-05	2.47E-06	2.45E-06	5.7244E-04
608289.24	4200817.15	9344.93118	0.17861	0.1811	0.03975	0.03855	0.02047	0.02036	4.65E-04	3.71E-05	3.81E-05	1.34E-05	1.29E-05	2.47E-06	2.45E-06	5.7167E-04
608289.24	4200824.75	9337.25631	0.17661	0.1791	0.04039	0.03918	0.02052	0.02041	4.65E-04	3.67E-05	3.77E-05	1.36E-05	1.31E-05	2.48E-06	2.46E-06	5.7088E-04
608289.24	4200832.35	9329.69387	0.17463	0.17711	0.04103	0.03981	0.02057	0.02045	4.64E-04	3.63E-05	3.73E-05	1.38E-05	1.34E-05	2.48E-06	2.46E-06	5.7013E-04
608289.24	4200839.95	9321.25436	0.17266	0.17513	0.04166	0.04043	0.02061	0.0205	4.64E-04	3.59E-05	3.68E-05	1.40E-05	1.36E-05	2.49E-06	2.47E-06	5.6931E-04
608289.24	4200847.55	9312.15362	0.17069	0.17316	0.0423	0.04106	0.02066	0.02054	4.64E-04	3.54E-05	3.64E-05	1.42E-05	1.38E-05	2.49E-06	2.48E-06	5.6847E-04
608289.24	4200855.15	9302.44336	0.16874	0.17119	0.04294	0.0417	0.0207	0.02058	4.63E-04	3.50E-05	3.60E-05	1.45E-05	1.40E-05	2.50E-06	2.48E-06	5.6761E-04
608289.24	4200862.75	9292.35001	0.16679	0.16924	0.04359	0.04233	0.02075	0.02062	4.63E-04	3.46E-05	3.56E-05	1.47E-05	1.42E-05	2.51E-06	2.49E-06	5.6673E-04
608289.24	4200870.35	9281.82957	0.16487	0.1673	0.04423	0.04296	0.02079	0.02066	4.62E-04	3.42E-05	3.52E-05	1.49E-05	1.44E-05	2.51E-06	2.49E-06	5.6584E-04
608296.11	4200733.55	9331.36512	0.19743	0.19983	0.03292	0.03187	0.01977	0.01969	4.65E-04	4.10E-05	4.20E-05	1.11E-05	1.07E-05	2.39E-06	2.37E-06	5.7414E-04
608296.11	4200741.15	9330.65876	0.19547	0.19789	0.0335	0.03244	0.01983	0.01975	4.65E-04	4.06E-05	4.16E-05	1.13E-05	1.09E-05	2.39E-06	2.38E-06	5.7369E-04
608296.11	4200748.75	9329.13449	0.19351	0.19593	0.03409	0.03302	0.01989	0.01981	4.64E-04	4.02E-05	4.12E-05	1.15E-05	1.11E-05	2.40E-06	2.39E-06	5.7320E-04
608296.11	4200756.35	9327.0985	0.19154	0.19397	0.03469	0.0336	0.01995	0.01987	4.64E-04	3.98E-05	4.08E-05	1.17E-05	1.13E-05	2.41E-06	2.39E-06	5.7269E-04
608296.11	4200763.95	9324.35747	0.18957	0.19201	0.03529	0.03419	0.02001	0.01992	4.64E-04	3.94E-05	4.04E-05	1.19E-05	1.15E-05	2.42E-06	2.40E-06	5.7215E-04
608296.11	4200771.55	9321.0897	0.18761	0.19004	0.0359	0.03478	0.02007	0.01998	4.64E-04	3.90E-05	4.00E-05	1.21E-05	1.17E-05	2.42E-06	2.41E-06	5.7158E-04
608296.11	4200779.15	9316.9288	0.18564	0.18807	0.0365	0.03538	0.02013	0.02003	4.64E-04	3.85E-05	3.96E-05	1.23E-05	1.19E-05	2.43E-06	2.41E-06	5.7097E-04
608296.11	4200786.75	9312.23253	0.18367	0.18611	0.03712	0.03598	0.02018	0.02009	4.64E-04	3.81E-05	3.92E-05	1.25E-05	1.21E-05	2.44E-06	2.42E-06	5.7034E-04
608296.11	4200794.35	9307.1439	0.18171	0.18415	0.03773	0.03658	0.02024	0.02014	4.63E-04	3.77E-05	3.87E-05	1.27E-05	1.23E-05	2.44E-06	2.43E-06	5.6968E-04
608296.11	4200801.95	9301.18365	0.17974	0.18218	0.03835	0.03719	0.02029	0.02019	4.63E-04	3.73E-05	3.83E-05	1.29E-05	1.25E-05	2.45E-06	2.43E-06	5.6899E-04
608296.11	4200809.55	9294.69519	0.17779	0.18022	0.03897	0.0378	0.02034	0.02024	4.63E-04	3.69E-05	3.79E-05	1.31E-05	1.27E-05	2.46E-06	2.44E-06	5.6827E-04
608296.11	4200817.15	9287.54872	0.17584	0.17827	0.03959	0.03841	0.02039	0.02028	4.62E-04	3.65E-05	3.75E-05	1.33E-05	1.29E-05	2.46E-06	2.44E-06	5.6753E-04
608296.11	4200824.75	9279.8082	0.17388	0.17632	0.04022	0.03902	0.02044	0.02033	4.62E-04	3.61E-05	3.71E-05	1.35E-05	1.31E-05	2.47E-06	2.45E-06	5.6675E-04
608296.11	4200832.35	9272.01242	0.17196	0.17439	0.04085	0.03964	0.02049	0.02038	4.62E-04	3.57E-05	3.67E-05	1.38E-05	1.33E-05	2.47E-06	2.46E-06	5.6599E-04
608296.11	4200839.95	9263.60093	0.17004	0.17246	0.04148	0.04026	0.02054	0.02042	4.61E-04	3.53E-05	3.63E-05	1.40E-05	1.35E-05	2.48E-06	2.46E-06	5.6520E-04
608296.11	4200847.55	9254.54912	0.16813	0.17054	0.04211	0.04089	0.02058	0.02046	4.61E-04	3.49E-05	3.59E-05	1.42E-05	1.37E-05	2.49E-06	2.47E-06	5.6438E-04
608296.11	4200855.15	9244.88861	0.16622	0.16862	0.04274	0.04151	0.02062	0.0205	4.60E-04	3.45E-05	3.55E-05	1.44E-05	1.39E-05	2.49E-06	2.47E-06	5.6353E-04
608296.11	4200862.75	9234.77797	0.16433	0.16672	0.04337	0.04213	0.02067	0.02054	4.60E-04	3.41E-05	3.51E-05	1.46E-05	1.41E-05	2.50E-06	2.48E-06	5.6267E-04
608296.11	4200870.35	9224.24828	0.16245	0.16483	0.04401	0.04276	0.02071	0.02058	4.59E-04	3.37E-05	3.47E-05	1.48E-05	1.43E-05	2.50E-06	2.48E-06	5.6179E-04
608302.98	4200733.55	9275.89636	0.19411	0.19647	0.03284	0.0318	0.0197	0.01962	4.62E-04	4.03E-05	4.13E-05	1.11E-05	1.07E-05	2.38E-06	2.36E-06	5.6992E-04
608302.98	4200741.15	9275.2537	0.19221	0.19458	0.03342	0.03237	0.01977	0.01968	4.62E-04	3.99E-05	4.09E-05	1.13E-05	1.09E-05	2.39E-06	2.37E-06	5.6948E-04
608302.98	4200748.75	9273.80375	0.19031	0.19268	0.034	0.03294	0.01983	0.01974	4.62E-04	3.95E-05	4.05E-05	1.15E-05	1.10E-05	2.39E-06	2.38E-06	5.6903E-04
608302.98	4200756.35	9271.41182	0.1884	0.19078	0.03459	0.03351	0.01989	0.0198	4.62E-04	3.91E-05	4.01E-05	1.16E-05	1.12E-05	2.40E-06	2.39E-06	5.6852E-04
608302.98	4200763.95	9268.25382	0.18648	0.18886	0.03518	0.03409	0.01994	0.01985	4.61E-04	3.87E-05	3.97E-05	1.18E-05	1.14E-05	2.41E-06	2.39E-06	5.6796E-04
608302.98	4200771.55	9264.83184	0.18457	0.18696	0.03578	0.03468	0.02	0.01991	4.61E-04	3.83E-05	3.93E-05	1.21E-05	1.16E-05	2.41E-06	2.40E-06	5.6741E-04
608302.98	4200779.15	9260.6114	0.18266	0.18504	0.03638	0.03527	0.02006	0.01996	4.61E-04	3.79E-05	3.89E-05	1.23E-05	1.18E-05	2.42E-06	2.41E-06	5.6681E-04
608302.98	4200786.75	9255.7116	0.18074	0.18313	0.03699	0.03586	0.02011	0.02001	4.61E-04	3.75E-05	3.85E-05	1.25E-05	1.20E-05	2.43E-06	2.41E-06	5.6618E-04
608302.98	4200794.35	9250.25108	0.17883	0.18122	0.03759	0.03646	0.02017	0.02006	4.61E-04	3.71E-05	3.81E-05	1.27E-05	1.22E-05	2.44E-06	2.42E-06	5.6553E-04
608302.98	4200801.95	9244.10465	0.17692	0.17931	0.0382	0.03706	0.02022	0.02011	4.60E-04	3.67E-05	3.77E-05	1.29E-05	1.24E-05	2.44E-06	2.42E-06	5.6484E-04
608302.98	4200809.55	9237.69409	0.17502	0.1774	0.03882	0.03766	0.02027	0.02016	4.60E-04	3.63E-05	3.73E-05	1.31E-05	1.26E-05	2.45E-06	2.43E-06	5.6415E-04
608302.98	4200817.15	9230.63656	0.17312	0.1755	0.03943	0.03826	0.02032	0.02021	4.60E-04	3.60E-05	3.69E-05	1.33E-05	1.28E-05	2.45E-06	2.44E-06	5.6342E-04
608302.98	4200824.75	9223.00277	0.17123	0.17361	0.04005	0.03887	0.02037	0.02025	4.59E-04	3.56E-05	3.65E-05	1.35E-05	1.30E-05	2.46E-06	2.44E-06	5.6268E-04
608302.98	4200832.35	9214.80991	0.16935	0.17172	0.04067	0.03948	0.02041	0.0203	4.59E-04	3.52E-05	3.61E-05	1.37E-05	1.32E-05	2.46E-06	2.45E-06	5.6191E-04
608302.98	4200839.95	9206.34126	0.16747	0.16984	0.04129	0.04009	0.02046	0.02034	4.58E-04	3.48E-05	3.57E-05	1.39E-05	1.34E-05	2.47E-06	2.45E-06	5.6112E-04
608302.98	4200847.55	9197.34042	0.16561	0.16797	0.04191	0.04071	0.0205	0.02038	4.58E-04	3.44E-05	3.53E-05	1.41E-05	1.37E-05	2.48E-06	2.46E-06	5.6032E-04
608302.98	4200855.15	9187.81716	0.16376	0.16611	0.04254	0.04132	0.02054	0.02042	4.57E-04	3.40E-05	3.49E-05	1.43E-05	1.39E-05	2.48E-06	2.46E-06	5.5950E-04
608302.98	4200862.75	9177.69157	0.16191	0.16425	0.04316	0.04194	0.02059	0.02046	4.57E-04	3.36E-05	3.46E-05	1.45E-05	1.41E-05	2.49E-06	2.47E-06	5.5865E-04
608302.98	4200870.35	9167.15547	0.16008	0.16241	0.04378	0.04256	0.02063	0.0205	4.56E-04	3.32E-05	3.42E-05	1.47E-05	1.43E-05	2.49E-06	2.47E-06	5.5778E-04

Ranch EIR Residential Project Construction Parameters

Phase 3

Construction Annual DPM Emissions (PM2.5 Exhaust) **Unmitigated Concentrations**

Annual Average Onsite DPM Rate (grams/m2/sec):	1.70E-08
Annual Average Offsite DPM Emission Rate - Road 1 (grams/sec):	6.02E-06
Annual Average Offsite DPM Emission Rate - Road 2 (grams/sec):	6.10E-06
Annual Average Offsite DPM Emission Rate - Road 3 (grams/sec):	9.77E-06
Annual Average Offsite DPM Emission Rate - Road 4 (grams/sec):	9.73E-06
Annual Average Offsite DPM Emission Rate - Road 5 (grams/sec):	3.50E-06
Annual Average Offsite DPM Emission Rate - Road 6 (grams/sec):	3.49E-06

X	Y	Onsite Phase 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 1 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 4 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 5 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 6 Unit Emissions VALUES AVERAGED AVERAGE CONC	Onsite Phase 3 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 1 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 2 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 3 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 4 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 5 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 6 Annual DPM Exhaust w/Actual Emissions (ug/m3)	**Total DPM (ug/m3)**
606771.32	4200808.57	155511.5541	0.08488	0.08498	0.04666	0.04498	0.03495	0.03568	2.65E-03	5.11E-07	5.18E-07	4.56E-07	4.37E-07	1.22E-07	1.25E-07	2.6529E-03
606787.8	4200808.22	144532.8459	0.08645	0.08689	0.04598	0.04418	0.03523	0.03594	2.46E-03	5.21E-07	5.30E-07	4.49E-07	4.30E-07	1.23E-07	1.26E-07	2.4658E-03
606807.8	4200808.22	129919.5236	0.09263	0.09273	0.04694	0.04487	0.0354	0.03608	2.21E-03	5.58E-07	5.66E-07	4.58E-07	4.36E-07	1.24E-07	1.26E-07	2.2167E-03
606827.8	4200808.22	117918.5764	0.09855	0.09846	0.04723	0.04515	0.03554	0.0362	2.01E-03	5.93E-07	6.01E-07	4.61E-07	4.39E-07	1.24E-07	1.27E-07	2.0122E-03
606847.8	4200808.22	107817.4147	0.10527	0.10493	0.04756	0.04536	0.03565	0.03629	1.84E-03	6.34E-07	6.40E-07	4.64E-07	4.41E-07	1.25E-07	1.27E-07	1.8401E-03
606867.8	4200808.22	99211.71167	0.11284	0.11219	0.04773	0.04526	0.03573	0.03634	1.69E-03	6.79E-07	6.84E-07	4.66E-07	4.40E-07	1.25E-07	1.27E-07	1.6935E-03
606887.8	4200808.22	91866.24705	0.12011	0.1193	0.04774	0.04539	0.0358	0.03637	1.57E-03	7.23E-07	7.28E-07	4.66E-07	4.41E-07	1.25E-07	1.27E-07	1.5684E-03
606907.8	4200808.22	85466.45737	0.12864	0.12706	0.04822	0.04576	0.03583	0.03638	1.46E-03	7.75E-07	7.75E-07	4.71E-07	4.45E-07	1.25E-07	1.27E-07	1.4594E-03
606927.8	4200808.22	79890.25681	0.13855	0.13642	0.04848	0.04592	0.03585	0.03638	1.36E-03	8.34E-07	8.32E-07	4.73E-07	4.47E-07	1.26E-07	1.27E-07	1.3645E-03
606947.8	4200808.22	74967.92316	0.14935	0.14655	0.04867	0.04599	0.03586	0.03636	1.28E-03	8.99E-07	8.94E-07	4.75E-07	4.47E-07	1.26E-07	1.27E-07	1.2807E-03
606767.8	4200828.22	155309.5667	0.07943	0.08004	0.04887	0.04722	0.03696	0.0377	2.65E-03	4.78E-07	4.88E-07	4.77E-07	4.59E-07	1.29E-07	1.32E-07	2.6494E-03
606787.8	4200828.22	140336.6	0.08291	0.08356	0.04949	0.04763	0.03723	0.03795	2.39E-03	4.99E-07	5.10E-07	4.83E-07	4.63E-07	1.30E-07	1.33E-07	2.3942E-03
606807.8	4200828.22	126036.0946	0.08872	0.08925	0.05015	0.04814	0.03734	0.03803	2.15E-03	5.34E-07	5.44E-07	4.90E-07	4.68E-07	1.31E-07	1.33E-07	2.1505E-03
606827.8	4200828.22	114396.0238	0.09503	0.0954	0.05072	0.0484	0.03742	0.03808	1.95E-03	5.72E-07	5.82E-07	4.95E-07	4.71E-07	1.31E-07	1.33E-07	1.9522E-03
606847.8	4200828.22	104780.2993	0.10165	0.10182	0.05108	0.04874	0.0375	0.03812	1.79E-03	6.12E-07	6.21E-07	4.99E-07	4.74E-07	1.31E-07	1.33E-07	1.7884E-03
606867.8	4200828.22	96634.10726	0.10898	0.10885	0.05159	0.04908	0.03755	0.03815	1.65E-03	6.56E-07	6.64E-07	5.04E-07	4.77E-07	1.31E-07	1.33E-07	1.6496E-03
606887.8	4200828.22	89601.82619	0.11633	0.11618	0.05164	0.04914	0.03757	0.03814	1.53E-03	7.00E-07	7.09E-07	5.04E-07	4.78E-07	1.32E-07	1.33E-07	1.5298E-03
606907.8	4200828.22	83469.99993	0.12471	0.12391	0.05224	0.0496	0.03757	0.03811	1.42E-03	7.51E-07	7.56E-07	5.10E-07	4.82E-07	1.32E-07	1.33E-07	1.4254E-03
606927.8	4200828.22	78101.12581	0.13491	0.13348	0.05275	0.04996	0.03755	0.03806	1.33E-03	8.12E-07	8.14E-07	5.15E-07	4.86E-07	1.31E-07	1.33E-07	1.3340E-03
606947.8	4200828.22	73360.72938	0.14597	0.14392	0.05313	0.05019	0.03751	0.038	1.25E-03	8.79E-07	8.78E-07	5.19E-07	4.88E-07	1.31E-07	1.33E-07	1.2533E-03
606967.8	4200828.22	69128.02533	0.15835	0.1555	0.05344	0.05035	0.03745	0.03792	1.18E-03	9.53E-07	9.49E-07	5.22E-07	4.90E-07	1.31E-07	1.33E-07	1.1813E-03
606987.8	4200828.22	65328.63306	0.1721	0.16843	0.05365	0.05042	0.03738	0.03781	1.11E-03	1.04E-06	1.03E-06	5.24E-07	4.90E-07	1.31E-07	1.32E-07	1.1167E-03
606747.8	4200848.22	161980.7128	0.07322	0.07409	0.05153	0.05004	0.03871	0.03948	2.76E-03	4.41E-07	4.52E-07	5.03E-07	4.87E-07	1.36E-07	1.38E-07	2.7631E-03
606767.8	4200848.22	147197.3767	0.07637	0.0772	0.05195	0.05034	0.03902	0.03976	2.51E-03	4.60E-07	4.71E-07	5.07E-07	4.90E-07	1.37E-07	1.39E-07	2.5112E-03
606787.8	4200848.22	133908.0436	0.07951	0.08048	0.05277	0.05093	0.03926	0.03998	2.28E-03	4.79E-07	4.91E-07	5.15E-07	4.95E-07	1.37E-07	1.40E-07	2.2847E-03
606807.8	4200848.22	120945.0068	0.08497	0.08588	0.05356	0.05147	0.03933	0.04002	2.06E-03	5.12E-07	5.24E-07	5.23E-07	5.01E-07	1.38E-07	1.40E-07	2.0638E-03
606827.8	4200848.22	110265.7756	0.09086	0.09168	0.05414	0.05168	0.03939	0.04004	1.88E-03	5.47E-07	5.59E-07	5.29E-07	5.03E-07	1.38E-07	1.40E-07	1.8818E-03
606847.8	4200848.22	101293.5131	0.09686	0.09802	0.05473	0.05214	0.03942	0.04004	1.73E-03	5.83E-07	5.98E-07	5.34E-07	5.07E-07	1.38E-07	1.40E-07	1.7290E-03
606867.8	4200848.22	93645.49235	0.10405	0.105	0.05544	0.05268	0.03942	0.04001	1.60E-03	6.27E-07	6.41E-07	5.41E-07	5.12E-07	1.38E-07	1.40E-07	1.5987E-03
606887.8	4200848.22	87017.45345	0.11154	0.11218	0.05584	0.05323	0.0394	0.03996	1.48E-03	6.72E-07	6.84E-07	5.45E-07	5.18E-07	1.38E-07	1.40E-07	1.4858E-03
606907.8	4200848.22	81223.29463	0.12016	0.12015	0.05661	0.05383	0.03936	0.03989	1.38E-03	7.24E-07	7.33E-07	5.53E-07	5.24E-07	1.38E-07	1.39E-07	1.3871E-03
606927.8	4200848.22	76116.92934	0.13044	0.12983	0.05739	0.05442	0.03929	0.03979	1.30E-03	7.85E-07	7.92E-07	5.60E-07	5.29E-07	1.38E-07	1.39E-07	1.3002E-03
606947.8	4200848.22	71589.55421	0.1417	0.14051	0.05805	0.05487	0.03921	0.03968	1.22E-03	8.53E-07	8.57E-07	5.67E-07	5.34E-07	1.37E-07	1.39E-07	1.2232E-03
606967.8	4200848.22	67542.69697	0.15423	0.1523	0.05861	0.05523	0.03911	0.03955	1.15E-03	9.29E-07	9.29E-07	5.72E-07	5.37E-07	1.37E-07	1.38E-07	1.1544E-03
606987.8	4200848.22	63902.86705	0.16822	0.16553	0.05905	0.05548	0.03899	0.0394	1.09E-03	1.01E-06	1.01E-06	5.77E-07	5.40E-07	1.37E-07	1.38E-07	1.0925E-03
607107.8	4200848.22	47948.54902	0.30118	0.28705	0.05941	0.0552	0.03792	0.03819	8.17E-04	1.81E-06	1.75E-06	5.80E-07	5.37E-07	1.33E-07	1.33E-07	8.2205E-04
607127.8	4200848.22	45981.50889	0.33611	0.31796	0.05919	0.05502	0.03769	0.03795	7.84E-04	2.02E-06	1.94E-06	5.78E-07	5.35E-07	1.32E-07	1.33E-07	7.8891E-04
607147.8	4200848.22	44152.93426	0.37708	0.35414	0.05906	0.05496	0.03745	0.03769	7.53E-04	2.27E-06	2.16E-06	5.77E-07	5.35E-07	1.31E-07	1.32E-07	7.5821E-04
607167.8	4200848.22	42453.86219	0.42527	0.39626	0.05896	0.05493	0.03721	0.03742	7.24E-04	2.56E-06	2.42E-06	5.76E-07	5.34E-07	1.30E-07	1.31E-07	7.2979E-04
607187.8	4200848.22	40866.82242	0.48374	0.44686	0.05904	0.0551	0.03695	0.03714	6.97E-04	2.91E-06	2.73E-06	5.77E-07	5.36E-07	1.29E-07	1.30E-07	7.0340E-04
607207.8	4200848.22	39381.27565	0.55629	0.50873	0.05937	0.0555	0.03668	0.03685	6.71E-04	3.35E-06	3.10E-06	5.80E-07	5.40E-07	1.28E-07	1.29E-07	6.7890E-04
607227.8	4200848.22	37993.42726	0.64634	0.58449	0.0597	0.05577	0.0364	0.03656	6.48E-04	3.89E-06	3.57E-06	5.83E-07	5.42E-07	1.27E-07	1.28E-07	6.5625E-04
606747.8	4200868.22	151565.5533	0.06964	0.07075	0.05426	0.05284	0.04093	0.0417	2.58E-03	4.19E-07	4.32E-07	5.30E-07	5.14E-07	1.43E-07	1.46E-07	2.5856E-03
606767.8	4200868.22	139104.5775	0.07232	0.07347	0.05474	0.0532	0.04122	0.04196	2.37E-03	4.35E-07	4.48E-07	5.35E-07	5.17E-07	1.44E-07	1.47E-07	2.3732E-03
606787.8	4200868.22	126866.2019	0.07499	0.07653	0.05533	0.05361	0.04138	0.04209	2.16E-03	4.52E-07	4.67E-07	5.40E-07	5.21E-07	1.45E-07	1.47E-07	2.1646E-03
606807.8	4200868.22	115396.975	0.08024	0.08198	0.05663	0.05445	0.04142	0.04209	1.97E-03	4.83E-07	5.00E-07	5.53E-07	5.30E-07	1.45E-07	1.47E-07	1.9692E-03
606827.8	4200868.22	105751.2079	0.08613	0.0876	0.0578	0.05523	0.04143	0.04207	1.80E-03	5.19E-07	5.34E-07	5.64E-07	5.37E-07	1.45E-07	1.47E-07	1.8049E-03
606847.8	4200868.22	97514.3627	0.09216	0.09377	0.05865	0.05603	0.04141	0.04201	1.66E-03	5.55E-07	5.72E-07	5.73E-07	5.45E-07	1.45E-07	1.47E-07	1.6646E-03
606867.8	4200868.22	90422.1408	0.09897	0.10064	0.05926	0.0568	0.04136	0.04194	1.54E-03	5.96E-07	6.14E-07	5.79E-07	5.52E-07	1.45E-07	1.47E-07	1.5437E-03
606887.8	4200868.22	84242.24064	0.10635	0.10759	0.06025	0.05759	0.04129	0.04184	1.44E-03	6.40E-07	6.56E-07	5.88E-07	5.60E-07	1.45E-07	1.46E-07	1.4385E-03
606907.8	4200868.22	78809.36958	0.11494	0.1156	0.0613	0.05841	0.0412	0.04171	1.34E-03	6.92E-07	7.05E-07	5.99E-07	5.68E-07	1.44E-07	1.46E-07	1.3460E-03
606927.8	4200868.22	73997.35032	0.1252	0.12524	0.06236	0.05926	0.04109	0.04157	1.26E-03	7.54E-07	7.64E-07	6.09E-07	5.76E-07	1.44E-07	1.45E-07	1.2641E-03
606947.8	4200868.22	69706.90848	0.13646	0.1362	0.06338	0.06002	0.04095	0.0414	1.19E-03	8.22E-07	8.31E-07	6.19E-07	5.84E-07	1.43E-07	1.45E-07	1.1911E-03
607047.8	4200868.22	53764.24621	0.21797	0.21262	0.06661	0.06198	0.04002	0.04034	9.17E-04	1.31E-06	1.30E-06	6.50E-07	6.03E-07	1.40E-07	1.41E-07	9.2037E-04
607067.8	4200868.22	51356.04765	0.24166	0.23438	0.06683	0.06201	0.03979	0.04008	8.75E-04	1.46E-06	1.43E-06	6.53E-07	6.03E-07	1.39E-07	1.40E-07	8.7960E-04
607087.8	4200868.22	49135.90153	0.2691	0.25943	0.06693	0.06197	0.03954	0.03981	8.38E-04	1.62E-06	1.58E-06	6.54E-07	6.03E-07	1.38E-07	1.39E-07	8.4207E-04
607107.8	4200868.22	47085.71378	0.30081	0.28785	0.06688	0.06184	0.03928	0.03953	8.03E-04	1.81E-06	1.76E-06	6.53E-07	6.01E-07	1.38E-07	1.38E-07	8.0748E-04
607127.8	4200868.22	45185.63022	0.33783	0.3207	0.06674	0.06168	0.03901	0.03924	7.70E-04	2.03E-06	1.96E-06	6.52E-07	6.00E-07	1.37E-07	1.37E-07	7.7551E-04
607147.8	4200868.22	43418.73887	0.38147	0.35914	0.06656	0.06154	0.03873	0.03893	7.40E-04	2.30E-06	2.19E-06	6.50E-07	5.99E-07	1.36E-07	1.36E-07	7.4589E-04
607167.8	4200868.22	41772.40418	0.4335	0.40452	0.06643	0.06147	0.03844	0.03862	7.12E-04	2.61E-06	2.47E-06	6.49E-07	5.98E-07	1.35E-07	1.35E-07	7.1841E-04
607187.8	4200868.22	40234.12324	0.49695	0.45919	0.06644	0.06158	0.03814	0.0383	6.86E-04	2.99E-06	2.80E-06	6.49E-07	5.99E-07	1.34E-07	1.34E-07	6.9290E-04
607207.8	4200868.22	38795.57671	0.57552	0.52578	0.06658	0.06182	0.03783	0.03797	6.61E-04	3.47E-06	3.21E-06	6.50E-07	6.01E-07	1.32E-07	1.33E-07	6.6926E-04
607227.8	4200868.22	37445.71006	0.67607	0.6095	0.06699	0.06226	0.03751	0.03764	6.38E-04	4.07E-06	3.72E-06	6.54E-07	6.06E-07	1.31E-07	1.32E-07	6.4738E-04
606755.19	4200886.81	139503.3263	0.06602	0.06742	0.05665	0.05528	0.04331	0.04406	2.38E-03	3.98E-07	4.11E-07	5.53E-07	5.38E-07	1.52E-07	1.54E-07	2.3800E-03
606767.8	4200888.22	131414.7725	0.06711	0.06848	0.05733	0.05583	0.04357	0.0443	2.24E-03	4.04E-07	4.18E-07	5.60E-07	5.43E-07	1.53E-07	1.55E-07	2.2421E-03
606787.8	4200888.22	119786.8771	0.07067	0.07233	0.05854	0.05691	0.0436	0.04429	2.04E-03	4.26E-07	4.41E-07	5.72E-07	5.53E-07	1.53E-07	1.55E-07	2.0440E-03
606807.8	4200888.22	109714.0964	0.07569	0.07783	0.06005	0.05796	0.04358	0.04424	1.87E-03	4.56E-07	4.75E-07	5.86E-07	5.64E-07	1.53E-07	1.55E-07	1.8724E-03
606827.8	4200888.22	101069.4191	0.08123	0.08322	0.06151	0.059	0.04354	0.04416	1.72E-03	4.89E-07	5.08E-07	6.01E-07	5.74E-07	1.52E-07	1.54E-07	1.7251E-03
606847.8	4200888.22	93599.39802	0.08718	0.08918	0.06278	0.06005	0.04346	0.04405	1.60E-03	5.25E-07	5.44E-07	6.13E-07	5.84E-07	1.52E-07	1.54E-07	1.5978E-03
606867.8	4200888.22	87090.17293	0.09361	0.09578	0.06386	0.06111	0.04336	0.04392	1.48E-03	5.64E-07	5.84E-07	6.24E-07	5.94E-07	1.52E-07	1.53E-07	1.4870E-03
606887.8	4200888.22	81364.95425	0.1007	0.10229	0.06484	0.06219	0.04324	0.04376	1.39E-03	6.06E-07	6.24E-07	6.33E-07	6.05E-07	1.51E-07	1.53E-07	1.3895E-03
606907.8	4200888.22	76308.93177	0.10915	0.11042	0.06619	0.06329	0.04309	0.04358	1.30E-03	6.57E-07	6.74E-07	6.46E-07	6.16E-07	1.51E-07	1.52E-07	1.3034E-03
606927.8	4200888.22	71794.77961	0.11931	0.12036	0.06767	0.0645	0.04292	0.04338	1.22E-03	7.18E-07	7.34E-07	6.61E-07	6.27E-07	1.50E-07	1.52E-07	1.2266E-03
607027.8	4200888.22	55112.02175	0.19098	0.18881	0.07377	0.06888	0.04181	0.04212	9.39E-04	1.15E-06	1.15E-06	7.20E-07	6.70E-07	1.46E-07	1.47E-07	9.4318E-04
607047.8	4200888.22	52601.51627	0.21223	0.20856	0.07461	0.06939	0.04153	0.04182	8.97E-04	1.28E-06	1.27E-06	7.29E-07	6.75E-07	1.45E-07	1.46E-07	9.0064E-04
607067.8	4200888.22	50294.57352	0.23655	0.23104	0.07523	0.06969	0.04125	0.04152	8.57E-04	1.42E-06	1.41E-06	7.35E-07	6.78E-07	1.44E-07	1.45E-07	8.6161E-04
607087.8	4200888.22	48164.20164	0.2649	0.25705	0.07566	0.06985	0.04096	0.0412	8.21E-04	1.60E-06	1.57E-06	7.39E-07	6.79E-07	1.43E-07	1.44E-07	8.2563E-04
607107.8	4200888.22	46192.0796	0.29804	0.28688	0.07591	0.06989	0.04065	0.04087	7.87E-04	1.79E-06	1.75E-06	7.41E-07	6.80E-07	1.42E-07	1.43E-07	7.9239E-04
607127.8	4200888.22	44361.21669	0.33707	0.32161	0.07597	0.06983	0.04033	0.04053	7.56E-04	2.03E-06	1.96E-06	7.42E-07	6.79E-07	1.41E-07	1.42E-07	7.6163E-04
607147.8	4200888.22	42658.77204	0.3831	0.36223	0.07584	0.06965	0.04001	0.04018	7.27E-04	2.31E-06	2.21E-06	7.41E-07	6.77E-07	1.40E-07	1.40E-07	7.3313E-04
607167.8	4200888.22	41068.73739	0.43871	0.41068	0.07569	0.06952	0.03967	0.03982	7.00E-04	2.64E-06	2.51E-06	7.39E-07	6.76E-07	1.39E-07	1.39E-07	7.0665E-04
607187.8	4200888.22	39579.78787	0.50735	0.4697	0.07567	0.06959	0.03932	0.03946	6.75E-04	3.05E-06	2.87E-06	7.39E-07	6.77E-07	1.38E-07	1.38E-07	6.8204E-04
607207.8	4200888.22	38187.00897	0.59291	0.54203	0.07572	0.06975	0.03897	0.03909	6.51E-04	3.57E-06	3.31E-06	7.39E-07	6.78E-07	1.36E-07	1.37E-07	6.5926E-04
607227.8	4200888.22	36878.31642	0.70387	0.63389	0.07606	0.07018	0.03861	0.03871	6.29E-04	4.24E-06	3.87E-06	7.43E-07	6.83E-07	1.35E-07	1.35E-07	6.3819E-04
606747.8	4200908.22	134603.2777	0.05892	0.06042	0.05886	0.0576	0.04597	0.04673	2.29E-03	3.55E-07	3.69E-07	5.75E-07	5.60E-07	1.61E-07	1.63E-07	2.2964E-03
606767.8	4200908.22	122942.0617	0.06256	0.06412	0.06025	0.05888	0.04595	0.04667	2.10E-03	3.77E-07	3.91E-07	5.88E-07	5.73E-07	1.61E-07	1.63E-07	2.0977E-03
606787.8	4200908.22	113012.0834	0.06692	0.06874	0.06234	0.06078	0.04592	0.0466	1.93E-03	4.03E-07	4.19E-07	6.09E-07	5.91E-07	1.61E-07	1.63E-07	1.9285E-03
606807.8	4200908.22	104125.49	0.07155	0.07344	0.06387	0.06206	0.04583	0.04647	1.78E-03	4.31E-07	4.48E-07	6.24E-07	6.04E-07	1.60E-07	1.62E-07	1.7771E-03
606827.8	4200908.22	96417.00644	0.07664	0.07859	0.06533	0.06328	0.04571	0.04632	1.64E-03	4.61E-07	4.79E-07	6.38E-07	6.15E-07	1.60E-07	1.62E-07	1.6458E-03
606847.8	4200908.22	89690.01611	0.08221	0.08423	0.06696	0.06466	0.04558	0.04615	1.53E-03	4.95E-07	5.14E-07	6.54E-07	6.29E-07	1.60E-07	1.61E-07	1.5312E-03
606867.8	4200908.22	83736.67259	0.08774	0.09048	0.06784	0.06552	0.04541	0.04595	1.43E-03	5.28E-07	5.52E-07	6.63E-07	6.37E-07	1.59E-07	1.61E-07	1.4298E-03
606887.8	4200908.22	78472.95344	0.09477	0.09678	0.06949	0.06694	0.04523	0.04572	1.34E-03	5.71E-07	5.90E-07	6.79E-07	6.51E-07	1.58E-07	1.60E-07	1.3402E-03
606987.8	4200908.22	59254.59468	0.14892	0.14994	0.07875	0.07441	0.044	0.04433	1.01E-03	8.97E-07	9.15E-07	7.69E-07	7.24E-07	1.54E-07	1.55E-07	1.0134E-03
607007.8	4200908.22	56415.86017	0.16468	0.1652	0.08051	0.07571	0.0437	0.04401	9.62E-04	9.92E-07	1.01E-06	7.86E-07	7.36E-07	1.53E-07	1.54E-07	9.6523E-04
607027.8	4200908.22	53814.73602	0.18295	0.18252	0.08213	0.07684	0.04339	0.04367	9.17E-04	1.10E-06	1.11E-06	8.02E-07	7.47E-07	1.52E-07	1.53E-07	9.2113E-04
607047.8	4200908.22	51420.21204	0.20424	0.20255	0.08362	0.07784	0.04306	0.04332	8.77E-04	1.23E-06	1.24E-06	8.17E-07	7.57E-07	1.51E-07	1.51E-07	8.8059E-04
607067.8	4200908.22	49212.83328	0.22896	0.22565	0.08489	0.07863	0.04273	0.04296	8.39E-04	1.38E-06	1.38E-06	8.29E-07	7.65E-07	1.50E-07	1.50E-07	8.4327E-04
607087.8	4200908.22	47172.60656	0.25791	0.25243	0.08591	0.0792	0.04238	0.04259	8.04E-04	1.55E-06	1.54E-06	8.39E-07	7.70E-07	1.48E-07	1.49E-07	8.0884E-04
607107.8	4200908.22	45280.91717	0.29206	0.28339	0.08668	0.07957	0.04202	0.04221	7.72E-04	1.76E-06	1.73E-06	8.46E-07	7.74E-07	1.47E-07	1.48E-07	7.7700E-04
607127.8	4200908.22	43520.50753	0.3327	0.31981	0.08718	0.07976	0.04165	0.04182	7.42E-04	2.00E-06	1.95E-06	8.51E-07	7.76E-07	1.46E-07	1.46E-07	7.4747E-04
607147.8	4200908.22	41878.9375	0.38148	0.36298	0.08743	0.07979	0.04128	0.04142	7.14E-04	2.30E-06	2.21E-06	8.54E-07	7.76E-07	1.45E-07	1.45E-07	7.2004E-04
607167.8	4200908.22	40346.7841	0.44044	0.41444	0.08742	0.07968	0.0409	0.04102	6.88E-04	2.65E-06	2.53E-06	8.54E-07	7.75E-07	1.43E-07	1.43E-07	6.9459E-04
607187.8	4200908.22	38909.9351	0.51382	0.47755	0.08741	0.07967	0.04051	0.04061	6.63E-04	3.09E-06	2.91E-06	8.54E-07	7.75E-07	1.42E-07	1.42E-07	6.7093E-04
607207.8	4200908.22	37561.53982	0.60707	0.55633	0.08749	0.07985	0.04011	0.04019	6.40E-04	3.66E-06	3.39E-06	8.54E-07	7.77E-07	1.40E-07	1.40E-07	6.4898E-04
607227.8	4200908.22	36295.75233	0.72831	0.65653	0.08768	0.08017	0.03971	0.03978	6.19E-04	4.39E-06	4.00E-06	8.56E-07	7.80E-07	1.39E-07	1.39E-07	6.2875E-04
606687.8	4200928.22	159227.1761	0.04639	0.04837	0.05691	0.05611	0.04858	0.04946	2.71E-03	2.79E-07	2.95E-07	5.56E-07	5.46E-07	1.70E-07	1.73E-07	2.7160E-03
606707.8	4200928.22	147056.2062	0.04942	0.05107	0.05904	0.05799	0.0486	0.04943	2.51E-03	2.98E-07	3.12E-07	5.77E-07	5.64E-07	1.70E-07	1.73E-07	2.5086E-03
606727.8	4200928.22	135261.3771	0.05227	0.05401	0.06034	0.05925	0.04856	0.04935	2.31E-03	3.15E-07	3.29E-07	5.89E-07	5.76E-07	1.70E-07	1.72E-07	2.3076E-03
606747.8	4200928.22	124610.1828	0.05537	0.0572	0.06217	0.06101	0.04851	0.04925	2.12E-03	3.33E-07	3.49E-07	6.07E-07	5.93E-07	1.70E-07	1.72E-07	2.1261E-03
606767.8	4200928.22	114924.0422	0.05884	0.06077	0.06382	0.06243	0.04841	0.04911	1.96E-03	3.54E-07	3.71E-07	6.23E-07	6.07E-07	1.69E-07	1.72E-07	1.9610E-03
606787.8	4200928.22	106385.1501	0.06247	0.0645	0.06546	0.06404	0.0483	0.04896	1.81E-03	3.76E-07	3.93E-07	6.39E-07	6.23E-07	1.69E-07	1.71E-07	1.8156E-03
606807.8	4200928.22	98727.22171	0.06664	0.06879	0.0672	0.06563	0.04815	0.04876	1.68E-03	4.01E-07	4.20E-07	6.56E-07	6.38E-07	1.69E-07	1.70E-07	1.6851E-03
606827.8	4200928.22	91891.34258	0.07146	0.07371	0.06907	0.06731	0.04796	0.04854	1.57E-03	4.30E-07	4.50E-07	6.75E-07	6.55E-07	1.68E-07	1.70E-07	1.5687E-03
606847.8	4200928.22	85847.44401	0.0767	0.07906	0.07097	0.06892	0.04775	0.04829	1.46E-03	4.62E-07	4.82E-07	6.93E-07	6.70E-07	1.67E-07	1.69E-07	1.4657E-03
606867.8	4200928.22	80447.12825	0.08202	0.08505	0.07266	0.07	0.04752	0.04802	1.37E-03	4.94E-07	5.19E-07	7.10E-07	6.81E-07	1.66E-07	1.68E-07	1.3738E-03
606967.8	4200928.22	60610.18407	0.12694	0.12938	0.08363	0.07977	0.04605	0.04639	1.03E-03	7.64E-07	7.89E-07	8.17E-07	7.76E-07	1.61E-07	1.62E-07	1.0364E-03
606987.8	4200928.22	57669.71504	0.14022	0.1425	0.0862	0.08185	0.04571	0.04601	9.83E-04	8.44E-07	8.69E-07	8.42E-07	7.96E-07	1.60E-07	1.61E-07	9.8644E-04
607007.8	4200928.22	54984.67402	0.15533	0.15736	0.08871	0.08378	0.04535	0.04563	9.37E-04	9.35E-07	9.60E-07	8.66E-07	8.15E-07	1.59E-07	1.59E-07	9.4089E-04
607027.8	4200928.22	52511.69683	0.17324	0.17461	0.09119	0.08565	0.04498	0.04523	8.95E-04	1.04E-06	1.07E-06	8.91E-07	8.33E-07	1.57E-07	1.58E-07	8.9899E-04
607047.8	4200928.22	50233.25552	0.19407	0.19455	0.09355	0.08735	0.0446	0.04482	8.56E-04	1.17E-06	1.19E-06	9.14E-07	8.50E-07	1.56E-07	1.57E-07	8.6044E-04
607067.8	4200928.22	48124.3867	0.21873	0.21794	0.09579	0.0889	0.04421	0.0444	8.20E-04	1.32E-06	1.33E-06	9.35E-07	8.65E-07	1.55E-07	1.55E-07	8.2481E-04
607087.8	4200928.22	46173.04044	0.2478	0.2452	0.09774	0.09016	0.04381	0.04398	7.87E-04	1.49E-06	1.50E-06	9.54E-07	8.77E-07	1.53E-07	1.54E-07	7.9192E-04
607107.8	4200928.22	44359.44539	0.28252	0.27706	0.09942	0.09118	0.04339	0.04354	7.56E-04	1.70E-06	1.69E-06	9.71E-07	8.87E-07	1.52E-07	1.52E-07	7.6144E-04
607127.8	4200928.22	42669.19879	0.32431	0.31487	0.10077	0.09191	0.04298	0.0431	7.27E-04	1.95E-06	1.92E-06	9.84E-07	8.94E-07	1.50E-07	1.51E-07	7.3313E-04
607147.8	4200928.22	41089.89119	0.37519	0.36022	0.10177	0.0924	0.04255	0.04266	7.00E-04	2.26E-06	2.20E-06	9.94E-07	8.99E-07	1.49E-07	1.49E-07	7.0680E-04
607167.8	4200928.22	39613.05854	0.4375	0.41485	0.10236	0.09262	0.04212	0.0422	6.75E-04	2.63E-06	2.53E-06	1.00E-06	9.01E-07	1.47E-07	1.47E-07	6.8234E-04
607187.8	4200928.22	38229.1611	0.51522	0.48181	0.10259	0.09264	0.04168	0.04175	6.52E-04	3.10E-06	2.94E-06	1.00E-06	9.01E-07	1.46E-07	1.46E-07	6.5963E-04
607207.8	4200928.22	36926.83376	0.61553	0.56661	0.10278	0.09282	0.04124	0.04129	6.29E-04	3.71E-06	3.46E-06	1.00E-06	9.03E-07	1.44E-07	1.44E-07	6.3855E-04
607227.8	4200928.22	35703.41322	0.74722	0.67535	0.1029	0.09304	0.04079	0.04083	6.09E-04	4.50E-06	4.12E-06	1.00E-06	9.05E-07	1.43E-07	1.43E-07	6.1916E-04
606667.8	4200948.22	151245.625	0.04148	0.04302	0.05802	0.05727	0.05146	0.05238	2.58E-03	2.50E-07	2.62E-07	5.67E-07	5.57E-07	1.80E-07	1.83E-07	2.5799E-03
606687.8	4200948.22	142119.5581	0.04373	0.04531	0.05946	0.05861	0.05142	0.05228	2.42E-03	2.63E-07	2.76E-07	5.81E-07	5.70E-07	1.80E-07	1.83E-07	2.4244E-03
606707.8	4200948.22	132933.3807	0.04608	0.04781	0.06128	0.06034	0.05135	0.05217	2.27E-03	2.77E-07	2.92E-07	5.98E-07	5.87E-07	1.80E-07	1.82E-07	2.2678E-03
606727.8	4200948.22	123981.0335	0.04856	0.05041	0.06296	0.06205	0.05126	0.05202	2.11E-03	2.92E-07	3.08E-07	6.15E-07	6.03E-07	1.79E-07	1.82E-07	2.1153E-03
606747.8	4200948.22	115422.9165	0.05134	0.05331	0.06472	0.0637	0.05113	0.05184	1.97E-03	3.09E-07	3.25E-07	6.32E-07	6.20E-07	1.79E-07	1.81E-07	1.9695E-03
606767.8	4200948.22	107434.859	0.0545	0.05659	0.06657	0.06544	0.05095	0.05162	1.83E-03	3.28E-07	3.45E-07	6.50E-07	6.36E-07	1.78E-07	1.80E-07	1.8334E-03
606787.8	4200948.22	100145.3696	0.05797	0.06019	0.06849	0.06723	0.05075	0.05138	1.71E-03	3.49E-07	3.67E-07	6.69E-07	6.54E-07	1.78E-07	1.80E-07	1.7092E-03
606807.8	4200948.22	93535.25375	0.0618	0.06416	0.07049	0.06909	0.05052	0.05111	1.59E-03	3.72E-07	3.91E-07	6.88E-07	6.72E-07	1.77E-07	1.79E-07	1.5966E-03
606827.8	4200948.22	87533.8536	0.06621	0.06871	0.07264	0.07107	0.05026	0.0508	1.49E-03	3.99E-07	4.19E-07	7.09E-07	6.91E-07	1.76E-07	1.78E-07	1.4944E-03
606927.8	4200948.22	65202.68078	0.09806	0.10117	0.08425	0.08145	0.04862	0.04898	1.11E-03	5.90E-07	6.17E-07	8.23E-07	7.92E-07	1.70E-07	1.71E-07	1.1143E-03
606947.8	4200948.22	61897.40284	0.10739	0.1106	0.08726	0.08408	0.04824	0.04857	1.06E-03	6.47E-07	6.75E-07	8.52E-07	8.18E-07	1.69E-07	1.70E-07	1.0581E-03
606967.8	4200948.22	58876.06964	0.11808	0.12146	0.09045	0.0868	0.04785	0.04814	1.00E-03	7.11E-07	7.41E-07	8.83E-07	8.44E-07	1.68E-07	1.68E-07	1.0068E-03
606987.8	4200948.22	56108.93689	0.13046	0.13388	0.09376	0.08957	0.04744	0.0477	9.56E-04	7.86E-07	8.17E-07	9.16E-07	8.71E-07	1.66E-07	1.67E-07	9.5987E-04
607007.8	4200948.22	53566.7996	0.14482	0.14827	0.09719	0.09235	0.04702	0.04725	9.13E-04	8.72E-07	9.04E-07	9.49E-07	8.98E-07	1.65E-07	1.65E-07	9.1677E-04
607027.8	4200948.22	51220.81566	0.16186	0.165	0.10069	0.09512	0.04658	0.04679	8.73E-04	9.75E-07	1.01E-06	9.83E-07	9.25E-07	1.63E-07	1.64E-07	8.7704E-04
607047.8	4200948.22	49051.20988	0.18196	0.18465	0.10421	0.09784	0.04614	0.04632	8.36E-04	1.10E-06	1.13E-06	1.02E-06	9.52E-07	1.62E-07	1.62E-07	8.4036E-04
607067.8	4200948.22	47041.46268	0.20581	0.2077	0.10768	0.10041	0.04569	0.04584	8.02E-04	1.24E-06	1.27E-06	1.05E-06	9.77E-07	1.60E-07	1.60E-07	8.0644E-04
607087.8	4200948.22	45175.6697	0.23438	0.23501	0.111	0.10275	0.04523	0.04536	7.70E-04	1.41E-06	1.43E-06	1.08E-06	9.99E-07	1.58E-07	1.59E-07	7.7503E-04
607107.8	4200948.22	43438.1357	0.26897	0.26733	0.11413	0.10486	0.04476	0.04487	7.40E-04	1.62E-06	1.63E-06	1.11E-06	1.02E-06	1.57E-07	1.57E-07	7.4587E-04
607127.8	4200948.22	41814.59033	0.31133	0.30628	0.11699	0.10669	0.04429	0.04438	7.13E-04	1.87E-06	1.87E-06	1.14E-06	1.04E-06	1.55E-07	1.55E-07	7.1873E-04
607147.8	4200948.22	40299.981	0.36295	0.35286	0.11928	0.10799	0.04381	0.04388	6.87E-04	2.19E-06	2.15E-06	1.16E-06	1.05E-06	1.53E-07	1.53E-07	6.9354E-04
607167.8	4200948.22	38876.51595	0.42803	0.41048	0.1212	0.10906	0.04333	0.04338	6.63E-04	2.58E-06	2.50E-06	1.18E-06	1.06E-06	1.52E-07	1.52E-07	6.7005E-04
607187.8	4200948.22	37541.88456	0.51022	0.48166	0.12246	0.10966	0.04284	0.04287	6.40E-04	3.07E-06	2.94E-06	1.20E-06	1.07E-06	1.50E-07	1.50E-07	6.4824E-04
607207.8	4200948.22	36287.12956	0.61665	0.57174	0.12315	0.10997	0.04235	0.04236	6.19E-04	3.71E-06	3.49E-06	1.20E-06	1.07E-06	1.48E-07	1.48E-07	6.2805E-04
607227.8	4200948.22	35105.92126	0.75859	0.68877	0.12343	0.11016	0.04186	0.04186	5.98E-04	4.57E-06	4.20E-06	1.21E-06	1.07E-06	1.47E-07	1.46E-07	6.0949E-04
606547.8	4200968.22	156804.578	0.02991	0.03085	0.05035	0.0501	0.05428	0.05553	2.67E-03	1.80E-07	1.88E-07	4.92E-07	4.87E-07	1.90E-07	1.94E-07	2.6744E-03
606567.8	4200968.22	155101.7297	0.03113	0.03214	0.05163	0.05136	0.05443	0.05562	2.64E-03	1.87E-07	1.96E-07	5.04E-07	5.00E-07	1.91E-07	1.94E-07	2.6454E-03
606587.8	4200968.22	152778.972	0.03253	0.03359	0.05298	0.05268	0.05453	0.05565	2.60E-03	1.96E-07	2.05E-07	5.17E-07	5.12E-07	1.91E-07	1.94E-07	2.6058E-03
606607.8	4200968.22	149858.7241	0.03386	0.03499	0.05441	0.05408	0.05458	0.05565	2.55E-03	2.04E-07	2.13E-07	5.31E-07	5.26E-07	1.91E-07	1.94E-07	2.5561E-03
606627.8	4200968.22	145699.6861	0.0356	0.03686	0.05591	0.05553	0.05457	0.05558	2.48E-03	2.14E-07	2.25E-07	5.46E-07	5.40E-07	1.91E-07	1.94E-07	2.4852E-03
606647.8	4200968.22	140672.2008	0.03714	0.03842	0.05748	0.05706	0.05454	0.05549	2.40E-03	2.24E-07	2.34E-07	5.61E-07	5.55E-07	1.91E-07	1.94E-07	2.3996E-03
606667.8	4200968.22	134921.4978	0.03864	0.0402	0.05982	0.05912	0.05449	0.05538	2.30E-03	2.33E-07	2.45E-07	5.84E-07	5.75E-07	1.91E-07	1.94E-07	2.3016E-03
606687.8	4200968.22	128285.7739	0.04048	0.04215	0.06153	0.06093	0.05439	0.05523	2.19E-03	2.44E-07	2.57E-07	6.01E-07	5.93E-07	1.90E-07	1.93E-07	2.1886E-03
606707.8	4200968.22	121197.0313	0.04258	0.04437	0.06332	0.06265	0.05423	0.05502	2.07E-03	2.56E-07	2.71E-07	6.18E-07	6.09E-07	1.90E-07	1.92E-07	2.0678E-03
606727.8	4200968.22	114082.1298	0.04485	0.04676	0.06518	0.06442	0.05405	0.05478	1.94E-03	2.70E-07	2.85E-07	6.37E-07	6.27E-07	1.89E-07	1.91E-07	1.9466E-03
606747.8	4200968.22	107100.0885	0.04746	0.0495	0.06715	0.0663	0.05382	0.0545	1.83E-03	2.86E-07	3.02E-07	6.56E-07	6.45E-07	1.88E-07	1.90E-07	1.8276E-03
606767.8	4200968.22	100484.7513	0.05033	0.05251	0.06922	0.06826	0.05356	0.05419	1.71E-03	3.03E-07	3.20E-07	6.76E-07	6.64E-07	1.88E-07	1.89E-07	1.7149E-03
606787.8	4200968.22	94304.8691	0.05353	0.05586	0.0714	0.07032	0.05327	0.05386	1.61E-03	3.22E-07	3.41E-07	6.97E-07	6.84E-07	1.87E-07	1.88E-07	1.6096E-03
606907.8	4200968.22	66446.89112	0.08304	0.08624	0.08637	0.08421	0.05101	0.05136	1.13E-03	5.00E-07	5.26E-07	8.43E-07	8.19E-07	1.79E-07	1.79E-07	1.1354E-03
606927.8	4200968.22	63090.16359	0.09047	0.09403	0.0897	0.08723	0.05057	0.05088	1.08E-03	5.45E-07	5.74E-07	8.76E-07	8.48E-07	1.77E-07	1.78E-07	1.0783E-03
606947.8	4200968.22	60012.05148	0.09896	0.10277	0.0933	0.09045	0.05012	0.0504	1.02E-03	5.96E-07	6.27E-07	9.11E-07	8.80E-07	1.75E-07	1.76E-07	1.0260E-03
606967.8	4200968.22	57183.9504	0.10873	0.11283	0.09716	0.09386	0.04965	0.0499	9.75E-04	6.55E-07	6.88E-07	9.49E-07	9.13E-07	1.74E-07	1.74E-07	9.7801E-04
606987.8	4200968.22	54579.41729	0.12011	0.12447	0.10129	0.09744	0.04917	0.04939	9.30E-04	7.23E-07	7.59E-07	9.89E-07	9.48E-07	1.72E-07	1.73E-07	9.3382E-04
607007.8	4200968.22	52175.91652	0.13345	0.13807	0.1057	0.1012	0.04868	0.04887	8.89E-04	8.04E-07	8.42E-07	1.03E-06	9.84E-07	1.70E-07	1.71E-07	8.9310E-04
607027.8	4200968.22	49950.95589	0.14928	0.15399	0.11034	0.10504	0.04819	0.04835	8.52E-04	8.99E-07	9.39E-07	1.08E-06	1.02E-06	1.69E-07	1.69E-07	8.5544E-04
607047.8	4200968.22	47887.5075	0.1681	0.1728	0.1152	0.10899	0.04768	0.04781	8.16E-04	1.01E-06	1.05E-06	1.13E-06	1.06E-06	1.67E-07	1.67E-07	8.2058E-04
607067.8	4200968.22	45972.64482	0.19055	0.19503	0.12019	0.11292	0.04716	0.04728	7.84E-04	1.15E-06	1.19E-06	1.17E-06	1.10E-06	1.65E-07	1.65E-07	7.8830E-04
607087.8	4200968.22	44189.25607	0.21783	0.22175	0.1253	0.11678	0.04664	0.04673	7.53E-04	1.31E-06	1.35E-06	1.22E-06	1.14E-06	1.63E-07	1.63E-07	7.5831E-04
607107.8	4200968.22	42525.16328	0.25128	0.25382	0.13045	0.12054	0.04612	0.04619	7.25E-04	1.51E-06	1.55E-06	1.27E-06	1.17E-06	1.61E-07	1.61E-07	7.3043E-04
607127.8	4200968.22	40969.06118	0.29269	0.29283	0.1355	0.12405	0.04559	0.04564	6.98E-04	1.76E-06	1.79E-06	1.32E-06	1.21E-06	1.60E-07	1.59E-07	7.0447E-04
607147.8	4200968.22	39512.04042	0.34443	0.34056	0.14025	0.12715	0.04506	0.04508	6.74E-04	2.07E-06	2.08E-06	1.37E-06	1.24E-06	1.58E-07	1.58E-07	6.8031E-04

607167.8	4200968.22	38144.26164	0.41015	0.39981	0.14448	0.12973	0.04452	0.04453	6.50E-04	2.47E-06	2.44E-06	1.41E-06	1.26E-06	1.56E-07	1.56E-07	6.5782E-04
607187.8	4200968.22	36857.35838	0.49534	0.47458	0.14805	0.13177	0.04398	0.04398	6.28E-04	2.98E-06	2.89E-06	1.45E-06	1.28E-06	1.54E-07	1.54E-07	6.3691E-04
607207.8	4200968.22	35645.63882	0.60802	0.57062	0.15069	0.13322	0.04344	0.04342	6.08E-04	3.66E-06	3.48E-06	1.47E-06	1.30E-06	1.52E-07	1.52E-07	6.1755E-04
607227.8	4200968.22	34508.0841	0.75815	0.6946	0.1518	0.1336	0.04291	0.04287	5.88E-04	4.57E-06	4.24E-06	1.48E-06	1.30E-06	1.50E-07	1.50E-07	5.9984E-04
606527.8	4200988.22	143511.1206	0.0266	0.02752	0.05041	0.05014	0.05794	0.05926	2.45E-03	1.60E-07	1.68E-07	4.92E-07	4.88E-07	2.03E-07	2.07E-07	2.4477E-03
606547.8	4200988.22	141346.4949	0.02764	0.02864	0.05181	0.05139	0.05805	0.0593	2.41E-03	1.66E-07	1.75E-07	5.06E-07	5.00E-07	2.03E-07	2.07E-07	2.4109E-03
606567.8	4200988.22	139214.583	0.02894	0.02986	0.05285	0.0527	0.05809	0.05927	2.37E-03	1.74E-07	1.82E-07	5.16E-07	5.13E-07	2.03E-07	2.07E-07	2.3745E-03
606587.8	4200988.22	136823.9287	0.03022	0.03122	0.05426	0.05409	0.05809	0.0592	2.33E-03	1.82E-07	1.90E-07	5.30E-07	5.26E-07	2.03E-07	2.07E-07	2.3338E-03
606607.8	4200988.22	134004.0893	0.03161	0.03268	0.05576	0.05553	0.05804	0.05908	2.28E-03	1.90E-07	1.99E-07	5.45E-07	5.40E-07	2.03E-07	2.06E-07	2.2858E-03
606627.8	4200988.22	130705.6326	0.03287	0.03398	0.05735	0.05711	0.05795	0.05893	2.23E-03	1.98E-07	2.07E-07	5.60E-07	5.55E-07	2.03E-07	2.06E-07	2.2296E-03
606647.8	4200988.22	126620.048	0.0342	0.03565	0.05947	0.05875	0.05781	0.05873	2.16E-03	2.06E-07	2.17E-07	5.81E-07	5.71E-07	2.02E-07	2.05E-07	2.1600E-03
606667.8	4200988.22	121890.9854	0.03587	0.03739	0.06149	0.06112	0.05764	0.05851	2.08E-03	2.16E-07	2.28E-07	6.00E-07	5.94E-07	2.02E-07	2.04E-07	2.0795E-03
606687.8	4200988.22	116693.5172	0.03748	0.03911	0.0633	0.06287	0.05745	0.05825	1.99E-03	2.26E-07	2.39E-07	6.18E-07	6.11E-07	2.01E-07	2.04E-07	1.9909E-03
606707.8	4200988.22	111113.701	0.0393	0.04106	0.06522	0.06472	0.0572	0.05795	1.89E-03	2.37E-07	2.50E-07	6.37E-07	6.29E-07	2.00E-07	2.03E-07	1.8959E-03
606727.8	4200988.22	105376.3594	0.04135	0.04324	0.06724	0.06667	0.05691	0.05761	1.80E-03	2.49E-07	2.64E-07	6.57E-07	6.48E-07	1.99E-07	2.01E-07	1.7981E-03
606747.8	4200988.22	99645.72391	0.04374	0.04577	0.06942	0.06876	0.05658	0.05722	1.70E-03	2.63E-07	2.79E-07	6.78E-07	6.69E-07	1.98E-07	2.00E-07	1.7005E-03
606867.8	4200988.22	71138.23537	0.06455	0.06738	0.08434	0.08301	0.05405	0.05442	1.21E-03	3.89E-07	4.11E-07	8.24E-07	8.07E-07	1.89E-07	1.90E-07	1.2151E-03
606887.8	4200988.22	67495.34817	0.07006	0.07319	0.08759	0.08606	0.05356	0.05389	1.15E-03	4.22E-07	4.46E-07	8.55E-07	8.37E-07	1.88E-07	1.88E-07	1.1531E-03
606907.8	4200988.22	64138.56937	0.07615	0.07957	0.09108	0.08929	0.05305	0.05335	1.09E-03	4.59E-07	4.85E-07	8.89E-07	8.68E-07	1.86E-07	1.86E-07	1.0961E-03
606927.8	4200988.22	61040.22714	0.08284	0.08667	0.09491	0.09285	0.05253	0.0528	1.04E-03	4.99E-07	5.29E-07	9.27E-07	9.03E-07	1.84E-07	1.85E-07	1.0434E-03
606947.8	4200988.22	58179.29787	0.09048	0.09466	0.09909	0.09669	0.052	0.05223	9.92E-04	5.45E-07	5.77E-07	9.68E-07	9.40E-07	1.82E-07	1.83E-07	9.9480E-04
606967.8	4200988.22	55534.80035	0.09927	0.10386	0.10363	0.10083	0.05146	0.05166	9.47E-04	5.98E-07	6.34E-07	1.01E-06	9.81E-07	1.80E-07	1.81E-07	9.4992E-04
606987.8	4200988.22	53087.17525	0.10953	0.11454	0.10857	0.10526	0.05091	0.05108	9.05E-04	6.60E-07	6.99E-07	1.06E-06	1.02E-06	1.78E-07	1.79E-07	9.0841E-04
607007.8	4200988.22	50818.68995	0.12156	0.12707	0.11397	0.11003	0.05035	0.05049	8.66E-04	7.32E-07	7.75E-07	1.11E-06	1.07E-06	1.76E-07	1.76E-07	8.6999E-04
607027.8	4200988.22	48708.31983	0.13599	0.14191	0.11986	0.11514	0.04978	0.04989	8.30E-04	8.19E-07	8.66E-07	1.17E-06	1.12E-06	1.74E-07	1.74E-07	8.3430E-04
607047.8	4200988.22	46749.16076	0.15301	0.15935	0.1261	0.12044	0.04921	0.04929	7.97E-04	9.21E-07	9.72E-07	1.23E-06	1.17E-06	1.72E-07	1.72E-07	8.0122E-04
607067.8	4200988.22	44923.85493	0.17356	0.18024	0.13281	0.12602	0.04863	0.04869	7.66E-04	1.05E-06	1.10E-06	1.30E-06	1.23E-06	1.70E-07	1.70E-07	7.7048E-04
607087.8	4200988.22	43220.09595	0.19874	0.20563	0.14001	0.13181	0.04805	0.04809	7.37E-04	1.20E-06	1.25E-06	1.37E-06	1.28E-06	1.68E-07	1.68E-07	7.4186E-04
607107.8	4200988.22	41626.80261	0.22993	0.2365	0.14767	0.13779	0.04746	0.04748	7.10E-04	1.38E-06	1.44E-06	1.44E-06	1.34E-06	1.66E-07	1.66E-07	7.1521E-04
607127.8	4200988.22	40134.21307	0.26906	0.27459	0.15572	0.14383	0.04687	0.04688	6.84E-04	1.62E-06	1.68E-06	1.52E-06	1.40E-06	1.64E-07	1.64E-07	6.9037E-04
607147.8	4200988.22	38733.74541	0.31888	0.32211	0.16403	0.14975	0.04628	0.04627	6.60E-04	1.92E-06	1.96E-06	1.60E-06	1.46E-06	1.62E-07	1.62E-07	6.6723E-04
607167.8	4200988.22	37417.49499	0.38342	0.38214	0.17231	0.15534	0.04569	0.04566	6.38E-04	2.31E-06	2.33E-06	1.68E-06	1.51E-06	1.60E-07	1.60E-07	6.4568E-04
607187.8	4200988.22	36178.32429	0.4687	0.45905	0.18019	0.16033	0.04511	0.04506	6.17E-04	2.82E-06	2.80E-06	1.76E-06	1.56E-06	1.58E-07	1.57E-07	6.2567E-04
607207.8	4200988.22	35011.22451	0.58356	0.55906	0.18702	0.16431	0.04452	0.04445	5.97E-04	3.51E-06	3.41E-06	1.83E-06	1.60E-06	1.56E-07	1.55E-07	6.0718E-04
606527.8	4201008.22	130767.3364	0.02482	0.02572	0.05169	0.05167	0.06202	0.06334	2.23E-03	1.49E-07	1.57E-07	5.05E-07	5.03E-07	2.17E-07	2.21E-07	2.2305E-03
606547.8	4201008.22	128578.4635	0.02578	0.02674	0.05305	0.05301	0.06202	0.06325	2.19E-03	1.55E-07	1.63E-07	5.18E-07	5.16E-07	2.17E-07	2.21E-07	2.1932E-03
606567.8	4201008.22	126372.0958	0.02688	0.0279	0.0545	0.05444	0.06194	0.0631	2.15E-03	1.62E-07	1.70E-07	5.32E-07	5.29E-07	2.17E-07	2.21E-07	2.1556E-03
606587.8	4201008.22	124074.1944	0.02801	0.0291	0.05603	0.05587	0.06182	0.06291	2.12E-03	1.69E-07	1.78E-07	5.47E-07	5.43E-07	2.16E-07	2.20E-07	2.1165E-03
606607.8	4201008.22	121484.4247	0.02923	0.03039	0.05759	0.05733	0.06165	0.06267	2.07E-03	1.76E-07	1.85E-07	5.62E-07	5.58E-07	2.16E-07	2.19E-07	2.0724E-03
606627.8	4201008.22	118600.8672	0.03046	0.0317	0.05932	0.05919	0.06145	0.0624	2.02E-03	1.83E-07	1.93E-07	5.79E-07	5.76E-07	2.15E-07	2.18E-07	2.0233E-03
606647.8	4201008.22	115214.0806	0.03174	0.03308	0.06108	0.06091	0.06121	0.06209	1.96E-03	1.91E-07	2.02E-07	5.96E-07	5.92E-07	2.14E-07	2.17E-07	1.9656E-03
606667.8	4201008.22	111272.1673	0.03319	0.03462	0.06295	0.06274	0.06092	0.06173	1.90E-03	2.00E-07	2.11E-07	6.15E-07	6.10E-07	2.13E-07	2.16E-07	1.8985E-03
606687.8	4201008.22	107035.0735	0.03463	0.03617	0.06487	0.06462	0.0606	0.06136	1.82E-03	2.09E-07	2.21E-07	6.33E-07	6.28E-07	2.12E-07	2.14E-07	1.8263E-03
606827.8	4201008.22	75577.91484	0.05142	0.05409	0.08241	0.08162	0.0574	0.0578	1.29E-03	3.10E-07	3.30E-07	8.05E-07	7.94E-07	2.01E-07	2.02E-07	1.2906E-03
606847.8	4201008.22	71799.7068	0.05504	0.05794	0.08561	0.08453	0.05685	0.05721	1.22E-03	3.31E-07	3.53E-07	8.36E-07	8.22E-07	1.99E-07	2.00E-07	1.2263E-03
606867.8	4201008.22	68259.25552	0.05931	0.06201	0.08794	0.08697	0.05628	0.0566	1.16E-03	3.57E-07	3.78E-07	8.59E-07	8.46E-07	1.97E-07	1.98E-07	1.1660E-03
606887.8	4201008.22	64964.96612	0.06411	0.06726	0.09157	0.09044	0.0557	0.05598	1.11E-03	3.86E-07	4.10E-07	8.94E-07	8.80E-07	1.95E-07	1.96E-07	1.1100E-03
606907.8	4201008.22	61899.52834	0.06953	0.07299	0.09548	0.09413	0.0551	0.05535	1.06E-03	4.19E-07	4.45E-07	9.32E-07	9.15E-07	1.93E-07	1.93E-07	1.0579E-03
606927.8	4201008.22	59047.76261	0.07547	0.07938	0.09979	0.09821	0.0545	0.05471	1.01E-03	4.54E-07	4.84E-07	9.75E-07	9.55E-07	1.91E-07	1.91E-07	1.0094E-03
606947.8	4201008.22	56395.91196	0.08224	0.08656	0.10451	0.10267	0.05389	0.05406	9.61E-04	4.95E-07	5.28E-07	1.02E-06	9.99E-07	1.89E-07	1.89E-07	9.6441E-04
606967.8	4201008.22	53929.08534	0.09001	0.09483	0.10971	0.10752	0.05327	0.05341	9.19E-04	5.42E-07	5.78E-07	1.07E-06	1.05E-06	1.87E-07	1.87E-07	9.2256E-04
606987.8	4201008.22	51633.37963	0.09908	0.10443	0.11543	0.11282	0.05264	0.05275	8.80E-04	5.97E-07	6.37E-07	1.13E-06	1.10E-06	1.84E-07	1.84E-07	8.8364E-04
607007.8	4201008.22	49495.40091	0.1097	0.11571	0.12178	0.11862	0.05201	0.05209	8.44E-04	6.61E-07	7.06E-07	1.19E-06	1.15E-06	1.82E-07	1.82E-07	8.4745E-04
607027.8	4201008.22	47498.5268	0.12244	0.1291	0.12883	0.12497	0.05136	0.05142	8.10E-04	7.37E-07	7.88E-07	1.26E-06	1.22E-06	1.80E-07	1.80E-07	8.1370E-04
607047.8	4201008.22	45637.91228	0.1375	0.14491	0.1365	0.13178	0.05072	0.05076	7.78E-04	8.28E-07	8.84E-07	1.33E-06	1.28E-06	1.78E-07	1.77E-07	7.8231E-04
607067.8	4201008.22	43899.0964	0.15571	0.16395	0.14498	0.13918	0.05007	0.05009	7.48E-04	9.38E-07	1.00E-06	1.42E-06	1.35E-06	1.75E-07	1.75E-07	7.5305E-04
607087.8	4201008.22	42271.91509	0.17811	0.18724	0.15438	0.14718	0.04943	0.04942	7.21E-04	1.07E-06	1.14E-06	1.51E-06	1.43E-06	1.73E-07	1.73E-07	7.2575E-04
607107.8	4201008.22	40746.80978	0.20605	0.21588	0.16481	0.15585	0.04878	0.04876	6.95E-04	1.24E-06	1.32E-06	1.61E-06	1.52E-06	1.71E-07	1.70E-07	7.0029E-04
607127.8	4201008.22	39315.14327	0.24143	0.25171	0.17637	0.16515	0.04813	0.04809	6.70E-04	1.45E-06	1.54E-06	1.72E-06	1.61E-06	1.69E-07	1.68E-07	6.7652E-04
607147.8	4201008.22	37969.55445	0.28712	0.29719	0.18915	0.17502	0.04749	0.04743	6.47E-04	1.73E-06	1.81E-06	1.85E-06	1.70E-06	1.66E-07	1.66E-07	6.5435E-04
607167.8	4201008.22	36702.77409	0.34743	0.35588	0.2031	0.1853	0.04684	0.04677	6.26E-04	2.09E-06	2.17E-06	1.98E-06	1.80E-06	1.64E-07	1.63E-07	6.3371E-04
607187.8	4201008.22	35508.50925	0.42902	0.4329	0.21804	0.1957	0.0462	0.04611	6.05E-04	2.58E-06	2.64E-06	2.13E-06	1.90E-06	1.62E-07	1.61E-07	6.1456E-04
607207.8	4201008.22	34383.65319	0.54124	0.53497	0.2331	0.20543	0.04557	0.04546	5.86E-04	3.26E-06	3.26E-06	2.28E-06	2.00E-06	1.60E-07	1.59E-07	5.9693E-04
606787.8	4201028.22	79269.60194	0.04154	0.04362	0.07875	0.07845	0.06111	0.06153	1.35E-03	2.50E-07	2.66E-07	7.69E-07	7.63E-07	2.14E-07	2.15E-07	1.3533E-03
606807.8	4201028.22	75564.9609	0.04413	0.0464	0.08179	0.08142	0.06048	0.06087	1.29E-03	2.66E-07	2.83E-07	7.99E-07	7.92E-07	2.12E-07	2.13E-07	1.2903E-03
606827.8	4201028.22	72022.38326	0.04706	0.04954	0.08506	0.08462	0.05984	0.06018	1.23E-03	2.83E-07	3.02E-07	8.31E-07	8.23E-07	2.10E-07	2.10E-07	1.2300E-03
606847.8	4201028.22	68671.21916	0.05027	0.05298	0.08855	0.08784	0.05919	0.05948	1.17E-03	3.03E-07	3.23E-07	8.65E-07	8.54E-07	2.07E-07	2.08E-07	1.1730E-03
606867.8	4201028.22	65501.60659	0.05422	0.05681	0.09117	0.0906	0.05852	0.05877	1.12E-03	3.26E-07	3.47E-07	8.90E-07	8.81E-07	2.05E-07	2.05E-07	1.1190E-03
606887.8	4201028.22	62523.64759	0.05857	0.06157	0.09517	0.09448	0.05784	0.05806	1.07E-03	3.53E-07	3.76E-07	9.29E-07	9.19E-07	2.03E-07	2.03E-07	1.0684E-03
606907.8	4201028.22	59730.69833	0.06336	0.06667	0.09948	0.09862	0.05716	0.05734	1.02E-03	3.82E-07	4.07E-07	9.71E-07	9.59E-07	2.00E-07	2.00E-07	1.0209E-03
606927.8	4201028.22	57111.98146	0.06858	0.07235	0.10423	0.10321	0.05647	0.05661	9.74E-04	4.13E-07	4.41E-07	1.02E-06	1.00E-06	1.98E-07	1.98E-07	9.7645E-04
606947.8	4201028.22	54659.4974	0.0745	0.0787	0.10946	0.10824	0.05577	0.05588	9.32E-04	4.49E-07	4.80E-07	1.07E-06	1.05E-06	1.95E-07	1.95E-07	9.3482E-04
606967.8	4201028.22	52363.93005	0.08127	0.08601	0.11525	0.11377	0.05506	0.05515	8.93E-04	4.89E-07	5.25E-07	1.13E-06	1.11E-06	1.93E-07	1.93E-07	8.9588E-04
606987.8	4201028.22	50215.07479	0.08917	0.09449	0.12169	0.1199	0.05435	0.05441	8.56E-04	5.37E-07	5.76E-07	1.19E-06	1.17E-06	1.90E-07	1.90E-07	8.5947E-04
607007.8	4201028.22	48205.74598	0.0983	0.10438	0.12886	0.12664	0.05365	0.05368	8.22E-04	5.92E-07	6.37E-07	1.26E-06	1.23E-06	1.88E-07	1.88E-07	8.2547E-04
607027.8	4201028.22	46321.26062	0.10926	0.1161	0.13693	0.13417	0.05293	0.05294	7.90E-04	6.58E-07	7.08E-07	1.34E-06	1.30E-06	1.85E-07	1.85E-07	7.9364E-04
607047.8	4201028.22	44556.10258	0.12223	0.13001	0.14594	0.1425	0.05222	0.0522	7.60E-04	7.36E-07	7.93E-07	1.43E-06	1.39E-06	1.83E-07	1.82E-07	7.6388E-04
607067.8	4201028.22	42900.17303	0.13795	0.14688	0.15612	0.15178	0.0515	0.05146	7.31E-04	8.31E-07	8.96E-07	1.52E-06	1.48E-06	1.80E-07	1.80E-07	7.3604E-04
607087.8	4201028.22	41347.32875	0.15717	0.16748	0.16761	0.16209	0.05079	0.05073	7.05E-04	9.46E-07	1.02E-06	1.64E-06	1.58E-06	1.78E-07	1.77E-07	7.1002E-04
607107.8	4201028.22	39888.01189	0.18119	0.19296	0.18075	0.17365	0.05008	0.05	6.80E-04	1.09E-06	1.18E-06	1.77E-06	1.69E-06	1.75E-07	1.75E-07	6.8569E-04
607127.8	4201028.22	38515.16041	0.21169	0.22513	0.19587	0.18665	0.04937	0.04928	6.57E-04	1.27E-06	1.37E-06	1.91E-06	1.82E-06	1.73E-07	1.72E-07	6.6294E-04
607147.8	4201028.22	37221.95761	0.25144	0.2666	0.21345	0.20132	0.04866	0.04855	6.35E-04	1.51E-06	1.63E-06	2.08E-06	1.96E-06	1.70E-07	1.70E-07	6.4170E-04
607167.8	4201028.22	36003.58545	0.3042	0.32085	0.23387	0.2177	0.04796	0.04784	6.14E-04	1.83E-06	1.96E-06	2.28E-06	2.12E-06	1.68E-07	1.67E-07	6.2194E-04
607187.8	4201028.22	34853.95161	0.3765	0.39358	0.2577	0.2359	0.04727	0.04713	5.94E-04	2.27E-06	2.40E-06	2.52E-06	2.29E-06	1.66E-07	1.65E-07	6.0363E-04
606727.8	4201048.22	85195.7631	0.03259	0.03403	0.07215	0.07224	0.06589	0.0664	1.45E-03	1.96E-07	2.08E-07	7.05E-07	7.03E-07	2.31E-07	2.32E-07	1.4541E-03
606747.8	4201048.22	81784.26146	0.03428	0.03584	0.07478	0.07484	0.06521	0.06567	1.39E-03	2.06E-07	2.19E-07	7.30E-07	7.28E-07	2.28E-07	2.29E-07	1.3960E-03
606767.8	4201048.22	78374.67463	0.03621	0.03791	0.07763	0.07765	0.0645	0.06491	1.34E-03	2.18E-07	2.31E-07	7.58E-07	7.55E-07	2.26E-07	2.27E-07	1.3380E-03
606787.8	4201048.22	75045.44066	0.03825	0.0401	0.08062	0.08061	0.06378	0.06414	1.28E-03	2.30E-07	2.45E-07	7.87E-07	7.84E-07	2.23E-07	2.24E-07	1.2813E-03
606807.8	4201048.22	71802.1142	0.04059	0.0426	0.08386	0.08382	0.06304	0.06335	1.22E-03	2.44E-07	2.60E-07	8.19E-07	8.15E-07	2.21E-07	2.21E-07	1.2261E-03
606827.8	4201048.22	68685.31296	0.04314	0.04534	0.08733	0.08725	0.06229	0.06256	1.17E-03	2.60E-07	2.77E-07	8.53E-07	8.49E-07	2.18E-07	2.19E-07	1.1731E-03
606847.8	4201048.22	65698.03802	0.04605	0.04846	0.09104	0.09061	0.06153	0.06175	1.12E-03	2.77E-07	2.96E-07	8.89E-07	8.81E-07	2.15E-07	2.16E-07	1.1223E-03
606867.8	4201048.22	62862.98743	0.04972	0.05201	0.09403	0.09386	0.06076	0.06094	1.07E-03	2.99E-07	3.17E-07	9.18E-07	9.13E-07	2.13E-07	2.13E-07	1.0741E-03
606887.8	4201048.22	60172.06711	0.05359	0.0563	0.09835	0.09812	0.05998	0.06013	1.03E-03	3.23E-07	3.43E-07	9.60E-07	9.54E-07	2.10E-07	2.10E-07	1.0283E-03
606907.8	4201048.22	57633.23696	0.05766	0.06074	0.10302	0.10268	0.0592	0.05932	9.82E-04	3.47E-07	3.71E-07	1.01E-06	9.99E-07	2.07E-07	2.07E-07	9.8519E-04
606927.8	4201048.22	55232.51532	0.06228	0.06574	0.10815	0.10771	0.05842	0.0585	9.42E-04	3.75E-07	4.01E-07	1.06E-06	1.05E-06	2.05E-07	2.04E-07	9.4442E-04
606947.8	4201048.22	52969.69116	0.06745	0.0713	0.11383	0.11327	0.05763	0.05768	9.03E-04	4.06E-07	4.35E-07	1.11E-06	1.10E-06	2.02E-07	2.02E-07	9.0602E-04
606967.8	4201048.22	50841.0318	0.07325	0.07758	0.12009	0.11939	0.05684	0.05687	8.67E-04	4.41E-07	4.73E-07	1.17E-06	1.16E-06	1.99E-07	1.99E-07	8.6993E-04
606987.8	4201048.22	48834.81209	0.07999	0.08495	0.12712	0.12623	0.05605	0.05605	8.32E-04	4.82E-07	5.18E-07	1.24E-06	1.23E-06	1.96E-07	1.96E-07	8.3595E-04
607007.8	4201048.22	46947.92051	0.08785	0.09355	0.13503	0.13389	0.05526	0.05523	8.00E-04	5.29E-07	5.71E-07	1.32E-06	1.30E-06	1.93E-07	1.93E-07	8.0403E-04
607027.8	4201048.22	45170.90194	0.09716	0.10362	0.14402	0.14252	0.05447	0.05442	7.70E-04	5.85E-07	6.32E-07	1.41E-06	1.39E-06	1.91E-07	1.90E-07	7.7403E-04
607047.8	4201048.22	43499.4814	0.10813	0.11558	0.15418	0.15224	0.05368	0.05361	7.42E-04	6.51E-07	7.05E-07	1.51E-06	1.48E-06	1.88E-07	1.87E-07	7.4587E-04
607067.8	4201048.22	41927.03183	0.12127	0.12996	0.16575	0.16322	0.0529	0.05281	7.15E-04	7.30E-07	7.93E-07	1.62E-06	1.59E-06	1.85E-07	1.85E-07	7.1945E-04
607087.8	4201048.22	40445.96869	0.13734	0.14756	0.17907	0.17575	0.05212	0.05201	6.89E-04	8.27E-07	9.00E-07	1.75E-06	1.71E-06	1.82E-07	1.82E-07	6.9466E-04
607107.8	4201048.22	39051.00642	0.15725	0.16931	0.19455	0.19011	0.05134	0.05122	6.66E-04	9.47E-07	1.03E-06	1.90E-06	1.85E-06	1.80E-07	1.79E-07	6.7142E-04
607127.8	4201048.22	37735.43137	0.18242	0.1968	0.2128	0.2068	0.05057	0.05043	6.43E-04	1.10E-06	1.20E-06	2.08E-06	2.01E-06	1.77E-07	1.76E-07	6.4966E-04
607147.8	4201048.22	36493.64103	0.21508	0.23233	0.23461	0.22635	0.04981	0.04965	6.22E-04	1.30E-06	1.42E-06	2.29E-06	2.20E-06	1.74E-07	1.74E-07	6.2930E-04
607167.8	4201048.22	35319.1814	0.25891	0.27978	0.26126	0.24964	0.04905	0.04888	6.02E-04	1.56E-06	1.71E-06	2.55E-06	2.43E-06	1.72E-07	1.71E-07	6.1032E-04
607187.8	4201048.22	34211.17782	0.31862	0.34397	0.29406	0.2773	0.0483	0.04812	5.83E-04	1.92E-06	2.10E-06	2.87E-06	2.70E-06	1.69E-07	1.68E-07	5.9278E-04
606527.8	4201068.22	102543.579	0.02042	0.02105	0.05361	0.0539	0.07547	0.07666	1.75E-03	1.23E-07	1.28E-07	5.24E-07	5.24E-07	2.64E-07	2.68E-07	1.7493E-03
606547.8	4201068.22	100767.9376	0.02117	0.02184	0.05513	0.05542	0.07501	0.0761	1.72E-03	1.27E-07	1.33E-07	5.38E-07	5.39E-07	2.63E-07	2.66E-07	1.7191E-03
606567.8	4201068.22	98951.78493	0.02198	0.0227	0.05675	0.05705	0.07449	0.07549	1.69E-03	1.32E-07	1.38E-07	5.54E-07	5.55E-07	2.61E-07	2.64E-07	1.6882E-03
606587.8	4201068.22	97099.33716	0.02281	0.02357	0.05843	0.05874	0.07391	0.07483	1.66E-03	1.37E-07	1.44E-07	5.71E-07	5.71E-07	2.59E-07	2.62E-07	1.6567E-03
606607.8	4201068.22	95155.74372	0.02367	0.02448	0.0602	0.06051	0.07331	0.07414	1.62E-03	1.43E-07	1.49E-07	5.88E-07	5.89E-07	2.57E-07	2.59E-07	1.6236E-03
606627.8	4201068.22	93102.299	0.02456	0.02543	0.06206	0.06238	0.07266	0.07342	1.59E-03	1.48E-07	1.55E-07	6.06E-07	6.07E-07	2.54E-07	2.57E-07	1.5886E-03
606647.8	4201068.22	90807.4748	0.0256	0.02652	0.06408	0.06441	0.07197	0.07266	1.55E-03	1.54E-07	1.62E-07	6.26E-07	6.26E-07	2.52E-07	2.54E-07	1.5495E-03
606667.8	4201068.22	88341.88539	0.02662	0.02762	0.06618	0.0665	0.07126	0.07188	1.51E-03	1.60E-07	1.68E-07	6.46E-07	6.47E-07	2.50E-07	2.51E-07	1.5076E-03
606687.8	4201068.22	85674.71744	0.02778	0.02885	0.06844	0.06876	0.07052	0.07107	1.46E-03	1.67E-07	1.76E-07	6.68E-07	6.69E-07	2.47E-07	2.48E-07	1.4622E-03
606707.8	4201068.22	82887.20682	0.02899	0.03014	0.07081	0.07112	0.06976	0.07025	1.41E-03	1.75E-07	1.84E-07	6.92E-07	6.92E-07	2.44E-07	2.45E-07	1.4147E-03
606727.8	4201068.22	79988.07642	0.03036	0.0316	0.07337	0.07367	0.06896	0.0694	1.36E-03	1.83E-07	1.93E-07	7.17E-07	7.16E-07	2.41E-07	2.43E-07	1.3653E-03
606747.8	4201068.22	77034.34592	0.03191	0.03325	0.07613	0.07642	0.06815	0.06853	1.31E-03	1.92E-07	2.03E-07	7.43E-07	7.43E-07	2.39E-07	2.39E-07	1.3151E-03
606767.8	4201068.22	74083.6424	0.03359	0.03504	0.07907	0.07935	0.06732	0.06764	1.26E-03	2.02E-07	2.14E-07	7.72E-07	7.72E-07	2.36E-07	2.36E-07	1.2648E-03
606787.8	4201068.22	71172.00069	0.03542	0.03699	0.0822	0.08247	0.06647	0.06675	1.21E-03	2.13E-07	2.26E-07	8.03E-07	8.02E-07	2.33E-07	2.33E-07	1.2153E-03
606807.8	4201068.22	68315.09114	0.03752	0.03924	0.08563	0.08589	0.06561	0.06584	1.16E-03	2.26E-07	2.39E-07	8.36E-07	8.35E-07	2.30E-07	2.30E-07	1.1667E-03
606827.8	4201068.22	65551.8622	0.03981	0.04169	0.08929	0.08955	0.06474	0.06493	1.12E-03	2.40E-07	2.54E-07	8.72E-07	8.71E-07	2.27E-07	2.27E-07	1.1197E-03
606847.8	4201068.22	62894.41939	0.04232	0.04438	0.09324	0.09333	0.06387	0.06402	1.07E-03	2.55E-07	2.71E-07	9.11E-07	9.08E-07	2.24E-07	2.24E-07	1.0745E-03
606867.8	4201068.22	60347.37803	0.04569	0.04749	0.09655	0.09675	0.06299	0.0631	1.03E-03	2.75E-07	2.90E-07	9.43E-07	9.41E-07	2.21E-07	2.21E-07	1.0312E-03
606887.8	4201068.22	57919.06442	0.04902	0.05137	0.10107	0.10128	0.06211	0.06219	9.87E-04	2.95E-07	3.13E-07	9.87E-07	9.85E-07	2.17E-07	2.17E-07	9.8992E-04
606907.8	4201068.22	55607.14551	0.05266	0.05531	0.10607	0.10626	0.06123	0.06128	9.48E-04	3.17E-07	3.37E-07	1.04E-06	1.03E-06	2.14E-07	2.14E-07	9.5065E-04
606927.8	4201068.22	53409.72717	0.05674	0.05978	0.11152	0.11166	0.06035	0.06036	9.10E-04	3.42E-07	3.65E-07	1.09E-06	1.09E-06	2.11E-07	2.11E-07	9.1335E-04
606947.8	4201068.22	51325.85134	0.06122	0.06457	0.11757	0.11768	0.05947	0.05946	8.75E-04	3.69E-07	3.94E-07	1.15E-06	1.14E-06	2.08E-07	2.08E-07	8.7800E-04
606967.8	4201068.22	49351.81626	0.06628	0.07005	0.12431	0.12437	0.0586	0.05855	8.41E-04	3.99E-07	4.27E-07	1.21E-06	1.21E-06	2.05E-07	2.05E-07	8.4454E-04
606987.8	4201068.22	47482.90971	0.07207	0.07637	0.13183	0.13184	0.05772	0.05765	8.09E-04	4.34E-07	4.66E-07	1.29E-06	1.28E-06	2.02E-07	2.01E-07	8.1290E-04
607007.8	4201068.22	45717.89522	0.07868	0.0836	0.14027	0.1402	0.05685	0.05676	7.79E-04	4.74E-07	5.10E-07	1.37E-06	1.36E-06	1.99E-07	1.98E-07	7.8306E-04
607027.8	4201068.22	44047.70585	0.08646	0.09213	0.14991	0.14973	0.05599	0.05587	7.51E-04	5.21E-07	5.62E-07	1.46E-06	1.46E-06	1.96E-07	1.95E-07	7.5488E-04
607047.8	4201068.22	42466.76385	0.09573	0.10227	0.16101	0.16066	0.05512	0.05499	7.24E-04	5.76E-07	6.24E-07	1.57E-06	1.56E-06	1.93E-07	1.92E-07	7.2826E-04
607067.8	4201068.22	40974.63429	0.10669	0.11432	0.17373	0.17314	0.05426	0.05411	6.98E-04	6.42E-07	6.97E-07	1.70E-06	1.68E-06	1.90E-07	1.89E-07	7.0321E-04
607087.8	4201068.22	39564.71208	0.11991	0.12893	0.18848	0.18757	0.05342	0.05325	6.74E-04	7.22E-07	7.86E-07	1.84E-06	1.82E-06	1.87E-07	1.86E-07	6.7963E-04
607107.8	4201068.22	38231.25007	0.1363	0.14706	0.20589	0.2045	0.05257	0.05239	6.52E-04	8.21E-07	8.97E-07	2.01E-06	1.99E-06	1.84E-07	1.83E-07	6.5744E-04
607127.8	4201068.22	36971.66558	0.15665	0.16965	0.22655	0.22446	0.05174	0.05154	6.30E-04	9.43E-07	1.03E-06	2.21E-06	2.18E-06	1.81E-07	1.80E-07	6.3662E-04
607147.8	4201068.22	35780.07256	0.18269	0.19866	0.25159	0.24843	0.05092	0.05071	6.10E-04	1.10E-06	1.21E-06	2.46E-06	2.42E-06	1.78E-07	1.77E-07	6.1712E-04
607167.8	4201068.22	34651.98983	0.21689	0.23697	0.28266	0.27779	0.0501	0.04988	5.91E-04	1.31E-06	1.45E-06	2.76E-06	2.70E-06	1.75E-07	1.74E-07	5.9892E-04
607187.8	4201068.22	33583.11001	0.26331	0.28924	0.32227	0.31453	0.0493	0.04907	5.72E-04	1.59E-06	1.76E-06	3.15E-06	3.06E-06	1.73E-07	1.71E-07	5.8204E-04
607207.8	4201068.22	32569.69904	0.3289	0.36351	0.37448	0.36178	0.04851	0.04827	5.55E-04	1.98E-06	2.22E-06	3.66E-06	3.52E-06	1.70E-07	1.69E-07	5.6658E-04
607227.8	4201068.22	31608.01741	0.42656	0.47459	0.44631	0.42462	0.04773	0.04748	5.39E-04	2.57E-06	2.90E-06	4.36E-06	4.13E-06	1.67E-07	1.66E-07	5.5277E-04
607247.8	4201068.22	30694.61673	0.58325	0.65243	0.55114	0.51185	0.04695	0.0467	5.23E-04	3.51E-06	3.98E-06	5.38E-06	4.98E-06	1.64E-07	1.63E-07	5.4110E-04
607267.8	4201068.22	29826.10415	0.86426	0.96507	0.7168	0.63975	0.0462	0.04594	5.08E-04	5.20E-06	5.89E-06	7.00E-06	6.22E-06	1.62E-07	1.61E-07	5.3275E-04
607287.8	4201068.22	28999.667	1.45809	1.58626	1.00645	0.83985	0.04545	0.04518	4.94E-04	8.78E-06	9.68E-06	9.83E-06	8.17E-06	1.59E-07	1.58E-07	5.3080E-04
607307.8	4201068.22	28212.74579	3.00598	2.96884	1.53752	1.15462	0.04471	0.04444	4.81E-04	1.81E-05	1.81E-05	1.50E-05	1.12E-05	1.57E-07	1.55E-07	5.4339E-04
606527.8	4201088.22	95485.69963	0.01928	0.01983	0.05404	0.05441	0.08031	0.08142	1.63E-03	1.16E-07	1.21E-07	5.28E-07	5.29E-07	2.81E-07	2.85E-07	1.6290E-03
606547.8	4201088.22	93850.00865	0.01998	0.02056	0.0556	0.05598	0.07965	0.08065	1.60E-03	1.20E-07	1.25E-07	5.43E-07	5.44E-07	2.79E-07	2.82E-07	1.6012E-03
606567.8	4201088.22	92199.3927	0.02069	0.02131	0.05723	0.05762	0.07893	0.07985	1.57E-03	1.25E-07	1.30E-07	5.59E-07	5.60E-07	2.76E-07	2.79E-07	1.5731E-03
606587.8	4201088.22	90487.20005	0.02146	0.02212	0.05896	0.05938	0.07817	0.079	1.54E-03	1.29E-07	1.35E-07	5.76E-07	5.78E-07	2.74E-07	2.76E-07	1.5439E-03
606607.8	4201088.22	88717.47507	0.02224	0.02293	0.06076	0.06119	0.07738	0.07813	1.51E-03	1.34E-07	1.40E-07	5.93E-07	5.95E-07	2.71E-07	2.73E-07	1.5138E-03
606627.8	4201088.22	86849.55824	0.0231	0.02384	0.0627	0.06315	0.07656	0.07722	1.48E-03	1.39E-07	1.45E-07	6.12E-07	6.14E-07	2.68E-07	2.70E-07	1.4820E-03
606647.8	4201088.22	84832.94789	0.024	0.02479	0.06475	0.06521	0.0757	0.07629	1.45E-03	1.45E-07	1.51E-07	6.32E-07	6.34E-07	2.65E-07	2.67E-07	1.4477E-03
606667.8	4201088.22	82651.74363	0.02498	0.02582	0.06693	0.0674	0.07483	0.07535	1.41E-03	1.50E-07	1.58E-07	6.54E-07	6.56E-07	2.62E-07	2.63E-07	1.4106E-03
606687.8	4201088.22	80316.68742	0.02605	0.02696	0.06928	0.06976	0.07393	0.07439	1.37E-03	1.57E-07	1.64E-07	6.77E-07	6.78E-07	2.59E-07	2.60E-07	1.3708E-03
606707.8	4201088.22	77877.43861	0.02721	0.02818	0.07176	0.07225	0.073	0.0734	1.33E-03	1.64E-07	1.72E-07	7.01E-07	7.03E-07	2.56E-07	2.57E-07	1.3293E-03
606727.8	4201088.22	75353.04582	0.02844	0.02949	0.0744	0.07489	0.07207	0.07241	1.28E-03	1.71E-07	1.80E-07	7.27E-07	7.28E-07	2.52E-07	2.53E-07	1.2863E-03
606747.8	4201088.22	72770.52775	0.02987	0.03099	0.07727	0.07777	0.0711	0.07139	1.24E-03	1.80E-07	1.89E-07	7.55E-07	7.56E-07	2.49E-07	2.49E-07	1.2424E-03
606767.8	4201088.22	70182.24719	0.03139	0.03261	0.08032	0.08082	0.07013	0.07037	1.20E-03	1.89E-07	1.99E-07	7.84E-07	7.86E-07	2.46E-07	2.46E-07	1.1983E-03
606787.8	4201088.22	67613.89533	0.03305	0.03437	0.08358	0.0841	0.06916	0.06935	1.15E-03	1.99E-07	2.10E-07	8.16E-07	8.18E-07	2.42E-07	2.42E-07	1.1546E-03
606807.8	4201088.22	65088.90431	0.0349	0.03634	0.08711	0.08764	0.06817	0.06832	1.11E-03	2.10E-07	2.22E-07	8.51E-07	8.52E-07	2.39E-07	2.39E-07	1.1117E-03
606827.8	4201088.22	62628.94569	0.03694	0.0385	0.09092	0.09148	0.06718	0.06729	1.07E-03	2.22E-07	2.35E-07	8.88E-07	8.90E-07	2.35E-07	2.35E-07	1.0699E-03
606847.8	4201088.22	60251.82393	0.03915	0.04085	0.09502	0.09558	0.0662	0.06626	1.03E-03	2.36E-07	2.49E-07	9.28E-07	9.30E-07	2.32E-07	2.32E-07	1.0294E-03
606867.8	4201088.22	57957.37525	0.04216	0.04359	0.09895	0.09926	0.06521	0.06523	9.88E-04	2.54E-07	2.66E-07	9.66E-07	9.65E-07	2.28E-07	2.28E-07	9.9044E-04
606887.8	4201088.22	55760.10873	0.04513	0.0471	0.10343	0.10403	0.06422	0.06422	9.51E-04	2.72E-07	2.87E-07	1.01E-06	1.01E-06	2.25E-07	2.24E-07	9.5311E-04
606907.8	4201088.22	53655.93158	0.04833	0.05051	0.10863	0.1093	0.06324	0.0632	9.15E-04	2.91E-07	3.08E-07	1.06E-06	1.06E-06	2.21E-07	2.21E-07	9.1739E-04
606927.8	4201088.22	51644.20709	0.05199	0.05446	0.11438	0.11506	0.06226	0.06219	8.80E-04	3.13E-07	3.32E-07	1.12E-06	1.12E-06	2.18E-07	2.17E-07	8.8325E-04
606947.8	4201088.22	49726.25668	0.05592	0.05873	0.12077	0.12149	0.06129	0.06119	8.48E-04	3.37E-07	3.58E-07	1.18E-06	1.18E-06	2.15E-07	2.14E-07	8.5073E-04
606967.8	4201088.22	47899.07453	0.06034	0.06349	0.12785	0.12863	0.06032	0.0602	8.17E-04	3.63E-07	3.87E-07	1.25E-06	1.25E-06	2.11E-07	2.10E-07	8.1978E-04
606987.8	4201088.22	46160.90082	0.06534	0.06891	0.13579	0.13663	0.05935	0.05922	7.87E-04	3.93E-07	4.20E-07	1.33E-06	1.33E-06	2.08E-07	2.07E-07	7.9036E-04
607007.8	4201088.22	44509.80948	0.07109	0.07513	0.14473	0.14565	0.0584	0.05824	7.59E-04	4.28E-07	4.58E-07	1.41E-06	1.42E-06	2.04E-07	2.04E-07	7.6247E-04
607027.8	4201088.22	42942.25508	0.07769	0.08233	0.1549	0.15591	0.05746	0.05728	7.32E-04	4.68E-07	5.02E-07	1.51E-06	1.52E-06	2.01E-07	2.00E-07	7.3603E-04
607047.8	4201088.22	41453.49074	0.08548	0.09076	0.16663	0.16773	0.05652	0.05632	7.07E-04	5.15E-07	5.54E-07	1.63E-06	1.63E-06	1.98E-07	1.97E-07	7.1098E-04
607067.8	4201088.22	40041.99123	0.09459	0.10071	0.18014	0.18136	0.05559	0.05538	6.83E-04	5.70E-07	6.14E-07	1.76E-06	1.76E-06	1.95E-07	1.94E-07	6.8730E-04
607087.8	4201088.22	38700.06851	0.10569	0.11287	0.19606	0.19743	0.05467	0.05444	6.60E-04	6.36E-07	6.89E-07	1.91E-06	1.92E-06	1.91E-07	1.90E-07	6.6487E-04
607107.8	4201088.22	37429.82903	0.11905	0.12758	0.21472	0.21625	0.05376	0.05352	6.38E-04	7.17E-07	7.78E-07	2.10E-06	2.10E-06	1.88E-07	1.87E-07	6.4375E-04
607127.8	4201088.22	36224.08293	0.1357	0.14591	0.23717	0.23891	0.05287	0.05262	6.18E-04	8.17E-07	8.90E-07	2.32E-06	2.32E-06	1.85E-07	1.84E-07	6.2385E-04
607147.8	4201088.22	35082.04401	0.15643	0.1689	0.26433	0.26635	0.05198	0.05172	5.98E-04	9.42E-07	1.03E-06	2.58E-06	2.59E-06	1.82E-07	1.81E-07	6.0518E-04
607167.8	4201088.22	33998.25525	0.18307	0.19873	0.29823	0.30052	0.05111	0.05085	5.80E-04	1.10E-06	1.21E-06	2.91E-06	2.92E-06	1.79E-07	1.78E-07	5.8771E-04
607187.8	4201088.22	32969.42046	0.21821	0.23855	0.34172	0.34424	0.05026	0.04998	5.62E-04	1.31E-06	1.46E-06	3.34E-06	3.35E-06	1.76E-07	1.75E-07	5.7148E-04
607207.8	4201088.22	31991.93074	0.2661	0.2937	0.39951	0.40207	0.04941	0.04913	5.45E-04	1.60E-06	1.79E-06	3.90E-06	3.91E-06	1.73E-07	1.72E-07	5.5657E-04
607227.8	4201088.22	31062.9647	0.33423	0.3738	0.47986	0.48202	0.04858	0.04829	5.30E-04	2.01E-06	2.28E-06	4.69E-06	4.69E-06	1.70E-07	1.69E-07	5.4319E-04
607247.8	4201088.22	30179.21459	0.43751	0.4984	0.59894	0.59935	0.04777	0.04747	5.14E-04	2.63E-06	3.04E-06	5.85E-06	5.83E-06	1.67E-07	1.66E-07	5.3181E-04
607267.8	4201088.22	29338.04675	0.61001	0.7135	0.79269	0.78713	0.04696	0.04666	5.00E-04	3.67E-06	4.35E-06	7.74E-06	7.66E-06	1.64E-07	1.63E-07	5.2354E-04
607287.8	4201088.22	28536.69092	0.94341	1.15085	1.15797	1.12953	0.04617	0.04587	4.86E-04	5.68E-06	7.02E-06	1.13E-05	1.10E-05	1.62E-07	1.60E-07	5.2145E-04
607307.8	4201088.22	27772.87986	1.71503	2.29712	2.03513	1.88382	0.0454	0.04509	4.73E-04	1.03E-05	1.40E-05	1.99E-05	1.83E-05	1.59E-07	1.58E-07	5.3597E-04
606527.8	4201108.22	89259.25848	0.01831	0.01878	0.05442	0.05485	0.08529	0.0863	1.52E-03	1.10E-07	1.15E-07	5.31E-07	5.33E-07	2.99E-07	3.02E-07	1.5229E-03
606547.8	4201108.22	87771.56601	0.01892	0.01942	0.05597	0.05642	0.08441	0.08531	1.50E-03	1.14E-07	1.18E-07	5.47E-07	5.49E-07	2.96E-07	2.98E-07	1.4976E-03
606567.8	4201108.22	86246.87438	0.01959	0.02012	0.05763	0.05811	0.08349	0.0843	1.47E-03	1.18E-07	1.23E-07	5.63E-07	5.65E-07	2.92E-07	2.95E-07	1.4716E-03
606587.8	4201108.22	84681.84065	0.02029	0.02085	0.05938	0.05988	0.08254	0.08325	1.44E-03	1.22E-07	1.27E-07	5.80E-07	5.82E-07	2.89E-07	2.91E-07	1.4450E-03
606607.8	4201108.22	83072.00561	0.02105	0.02164	0.06126	0.06179	0.08154	0.08218	1.42E-03	1.27E-07	1.32E-07	5.98E-07	6.01E-07	2.85E-07	2.87E-07	1.4176E-03
606627.8	4201108.22	81358.98373	0.02185	0.02248	0.06324	0.0638	0.08052	0.08108	1.39E-03	1.32E-07	1.37E-07	6.18E-07	6.21E-07	2.82E-07	2.83E-07	1.3884E-03
606647.8	4201108.22	79558.58174	0.02267	0.02334	0.06533	0.06591	0.07948	0.07997	1.36E-03	1.37E-07	1.42E-07	6.38E-07	6.41E-07	2.78E-07	2.79E-07	1.3578E-03
606667.8	4201108.22	77624.57666	0.02358	0.0243	0.06757	0.06817	0.07842	0.07884	1.32E-03	1.42E-07	1.48E-07	6.60E-07	6.63E-07	2.75E-07	2.76E-07	1.3249E-03

606687.8	4201108.22	75571.80884	0.02456	0.02532	0.06997	0.07059	0.07734	0.0777	1.29E-03	1.48E-07	1.54E-07	6.83E-07	6.87E-07	2.71E-07	2.72E-07	1.2899E-03
606707.8	4201108.22	73419.25333	0.02565	0.02647	0.07255	0.07319	0.07627	0.07657	1.25E-03	1.54E-07	1.61E-07	7.08E-07	7.12E-07	2.67E-07	2.68E-07	1.2533E-03
606727.8	4201108.22	71197.37628	0.0268	0.02767	0.07527	0.07593	0.07517	0.07541	1.21E-03	1.61E-07	1.69E-07	7.35E-07	7.38E-07	2.63E-07	2.64E-07	1.2155E-03
606747.8	4201108.22	68928.4481	0.02807	0.02901	0.0782	0.07887	0.07406	0.07425	1.18E-03	1.69E-07	1.77E-07	7.64E-07	7.67E-07	2.59E-07	2.59E-07	1.1769E-03
606767.8	4201108.22	66633.59498	0.0295	0.03052	0.08137	0.08207	0.07295	0.07309	1.14E-03	1.78E-07	1.86E-07	7.95E-07	7.98E-07	2.55E-07	2.55E-07	1.1378E-03
606787.8	4201108.22	64355.71726	0.03101	0.0321	0.08472	0.08545	0.07183	0.07193	1.10E-03	1.87E-07	1.96E-07	8.27E-07	8.31E-07	2.51E-07	2.51E-07	1.0991E-03
606807.8	4201108.22	62107.14064	0.03267	0.03385	0.08834	0.08911	0.07072	0.07077	1.06E-03	1.97E-07	2.06E-07	8.63E-07	8.67E-07	2.48E-07	2.47E-07	1.0609E-03
606827.8	4201108.22	59904.30813	0.03451	0.03578	0.09227	0.09309	0.0696	0.06962	1.02E-03	2.08E-07	2.18E-07	9.01E-07	9.05E-07	2.44E-07	2.43E-07	1.0234E-03
606847.8	4201108.22	57764.0914	0.03651	0.0379	0.09652	0.09737	0.06849	0.06847	9.85E-04	2.20E-07	2.31E-07	9.43E-07	9.47E-07	2.40E-07	2.39E-07	9.8703E-04
606867.8	4201108.22	55695.36813	0.03874	0.04025	0.10083	0.10156	0.06739	0.06734	9.49E-04	2.33E-07	2.46E-07	9.85E-07	9.88E-07	2.36E-07	2.35E-07	9.5188E-04
606887.8	4201108.22	53700.227	0.04175	0.04326	0.10538	0.10636	0.0663	0.06621	9.15E-04	2.51E-07	2.64E-07	1.03E-06	1.03E-06	2.32E-07	2.31E-07	9.1800E-04
606907.8	4201108.22	51778.46354	0.04477	0.04653	0.11081	0.11188	0.06521	0.06509	8.83E-04	2.70E-07	2.84E-07	1.08E-06	1.09E-06	2.28E-07	2.27E-07	8.8538E-04
606927.8	4201108.22	49934.62454	0.04807	0.05006	0.11682	0.11797	0.06412	0.06398	8.51E-04	2.89E-07	3.05E-07	1.14E-06	1.15E-06	2.25E-07	2.24E-07	8.5411E-04
606947.8	4201108.22	48169.8006	0.05156	0.05382	0.12348	0.12474	0.06305	0.06289	8.21E-04	3.10E-07	3.28E-07	1.21E-06	1.21E-06	2.21E-07	2.20E-07	8.2420E-04
606967.8	4201108.22	46481.58207	0.05544	0.05796	0.13086	0.13225	0.06199	0.06181	7.92E-04	3.34E-07	3.54E-07	1.28E-06	1.29E-06	2.17E-07	2.16E-07	7.9561E-04
606987.8	4201108.22	44868.84012	0.05982	0.06261	0.13909	0.14067	0.06095	0.06074	7.65E-04	3.60E-07	3.82E-07	1.36E-06	1.37E-06	2.13E-07	2.12E-07	7.6834E-04
607007.8	4201108.22	43328.02436	0.06482	0.06798	0.14843	0.15018	0.05991	0.05968	7.39E-04	3.90E-07	4.15E-07	1.45E-06	1.46E-06	2.10E-07	2.09E-07	7.4232E-04
607027.8	4201108.22	41858.72137	0.07057	0.07417	0.15901	0.16102	0.05888	0.05864	7.14E-04	4.25E-07	4.52E-07	1.55E-06	1.57E-06	2.06E-07	2.05E-07	7.1755E-04
607047.8	4201108.22	40457.47033	0.07729	0.08132	0.17126	0.17358	0.05787	0.05761	6.90E-04	4.65E-07	4.96E-07	1.67E-06	1.69E-06	2.03E-07	2.01E-07	6.9399E-04
607067.8	4201108.22	39121.98738	0.08518	0.08978	0.18551	0.18822	0.05687	0.0566	6.67E-04	5.13E-07	5.48E-07	1.81E-06	1.83E-06	1.99E-07	1.98E-07	6.7161E-04
607087.8	4201108.22	37851.70956	0.09451	0.09981	0.2021	0.20533	0.05588	0.0556	6.45E-04	5.69E-07	6.09E-07	1.97E-06	2.00E-06	1.96E-07	1.94E-07	6.5040E-04
607107.8	4201108.22	36642.3143	0.10581	0.11197	0.22176	0.22567	0.05491	0.05461	6.25E-04	6.37E-07	6.83E-07	2.17E-06	2.19E-06	1.92E-07	1.91E-07	6.3032E-04
607127.8	4201108.22	35492.46804	0.11959	0.1268	0.2453	0.25016	0.05395	0.05365	6.05E-04	7.20E-07	7.73E-07	2.40E-06	2.43E-06	1.89E-07	1.87E-07	6.1136E-04
607147.8	4201108.22	34397.96316	0.13673	0.14534	0.27407	0.28027	0.05301	0.05269	5.86E-04	8.23E-07	8.87E-07	2.68E-06	2.73E-06	1.86E-07	1.84E-07	5.9349E-04
607167.8	4201108.22	33358.09381	0.15807	0.16866	0.30976	0.31786	0.05208	0.05176	5.69E-04	9.52E-07	1.03E-06	3.03E-06	3.09E-06	1.82E-07	1.81E-07	5.7675E-04
607187.8	4201108.22	32368.81476	0.18544	0.1989	0.35552	0.3664	0.05117	0.05085	5.52E-04	1.12E-06	1.21E-06	3.47E-06	3.56E-06	1.79E-07	1.78E-07	5.6115E-04
607207.8	4201108.22	31426.93462	0.2214	0.23923	0.41617	0.43133	0.05028	0.04995	5.36E-04	1.33E-06	1.46E-06	4.06E-06	4.20E-06	1.76E-07	1.75E-07	5.4678E-04
607227.8	4201108.22	30530.00493	0.27029	0.29506	0.50008	0.52233	0.0494	0.04907	5.20E-04	1.63E-06	1.80E-06	4.88E-06	5.08E-06	1.73E-07	1.71E-07	5.3383E-04
607247.8	4201108.22	29675.44639	0.34025	0.37668	0.62316	0.65811	0.04854	0.0482	5.06E-04	2.05E-06	2.30E-06	6.09E-06	6.40E-06	1.70E-07	1.68E-07	5.2270E-04
607267.8	4201108.22	28860.92475	0.44835	0.50629	0.81929	0.88012	0.04769	0.04735	4.92E-04	2.70E-06	3.09E-06	8.00E-06	8.56E-06	1.67E-07	1.65E-07	5.1434E-04
607287.8	4201108.22	28084.09119	0.63381	0.73976	1.17287	1.29618	0.04686	0.04652	4.79E-04	3.82E-06	4.51E-06	1.15E-05	1.26E-05	1.64E-07	1.63E-07	5.1113E-04
607307.8	4201108.22	27342.53209	0.97654	1.23148	1.93063	2.23698	0.04605	0.0457	4.66E-04	5.88E-06	7.51E-06	1.89E-05	2.18E-05	1.61E-07	1.60E-07	5.2011E-04
606527.8	4201128.22	83759.88554	0.01744	0.01784	0.05469	0.05518	0.09041	0.09129	1.43E-03	1.05E-07	1.09E-07	5.34E-07	5.37E-07	3.17E-07	3.19E-07	1.4291E-03
606547.8	4201128.22	82374.63131	0.01803	0.01846	0.05629	0.05681	0.08929	0.09005	1.40E-03	1.09E-07	1.13E-07	5.50E-07	5.53E-07	3.13E-07	3.15E-07	1.4055E-03
606567.8	4201128.22	80968.40422	0.01865	0.01911	0.05798	0.05852	0.08812	0.08881	1.38E-03	1.12E-07	1.17E-07	5.66E-07	5.69E-07	3.09E-07	3.10E-07	1.3816E-03
606587.8	4201128.22	79531.23862	0.01929	0.01977	0.05974	0.06032	0.08695	0.08754	1.36E-03	1.16E-07	1.21E-07	5.83E-07	5.87E-07	3.04E-07	3.06E-07	1.3572E-03
606607.8	4201128.22	78058.22131	0.02	0.0205	0.06165	0.06225	0.08574	0.08626	1.33E-03	1.20E-07	1.25E-07	6.02E-07	6.05E-07	3.00E-07	3.01E-07	1.3321E-03
606627.8	4201128.22	76501.62533	0.02075	0.02128	0.06367	0.06431	0.08453	0.08495	1.30E-03	1.25E-07	1.30E-07	6.22E-07	6.25E-07	2.96E-07	2.97E-07	1.3056E-03
606647.8	4201128.22	74881.88746	0.02151	0.02208	0.06579	0.06646	0.08329	0.08365	1.28E-03	1.30E-07	1.35E-07	6.42E-07	6.46E-07	2.92E-07	2.92E-07	1.2781E-03
606667.8	4201128.22	73152.85189	0.02237	0.02297	0.06809	0.0688	0.08204	0.08234	1.25E-03	1.35E-07	1.40E-07	6.65E-07	6.69E-07	2.87E-07	2.88E-07	1.2486E-03
606687.8	4201128.22	71325.83296	0.02331	0.02396	0.07058	0.07132	0.08078	0.08102	1.22E-03	1.40E-07	1.46E-07	6.89E-07	6.94E-07	2.83E-07	2.83E-07	1.2175E-03
606707.8	4201128.22	69415.3701	0.02433	0.02501	0.07323	0.07399	0.07953	0.07972	1.18E-03	1.47E-07	1.53E-07	7.15E-07	7.20E-07	2.78E-07	2.79E-07	1.1850E-03
606727.8	4201128.22	67445.6692	0.0254	0.02613	0.07602	0.07681	0.07827	0.0784	1.15E-03	1.53E-07	1.59E-07	7.42E-07	7.47E-07	2.74E-07	2.74E-07	1.1515E-03
606747.8	4201128.22	65432.40442	0.02659	0.02737	0.07903	0.07985	0.077	0.07708	1.12E-03	1.60E-07	1.67E-07	7.72E-07	7.77E-07	2.70E-07	2.69E-07	1.1173E-03
606767.8	4201128.22	63391.98978	0.0279	0.02874	0.08227	0.08312	0.07574	0.07577	1.08E-03	1.68E-07	1.75E-07	8.03E-07	8.08E-07	2.65E-07	2.65E-07	1.0826E-03
606787.8	4201128.22	61359.74864	0.02927	0.03017	0.08569	0.08659	0.07448	0.07447	1.05E-03	1.76E-07	1.84E-07	8.37E-07	8.42E-07	2.61E-07	2.60E-07	1.0480E-03
606807.8	4201128.22	59347.87401	0.03076	0.03173	0.08937	0.09032	0.07323	0.07319	1.01E-03	1.85E-07	1.94E-07	8.73E-07	8.78E-07	2.56E-07	2.56E-07	1.0138E-03
606827.8	4201128.22	57367.46189	0.03242	0.03346	0.09337	0.0944	0.07199	0.07191	9.78E-04	1.95E-07	2.04E-07	9.12E-07	9.18E-07	2.52E-07	2.51E-07	9.8016E-04
606847.8	4201128.22	55429.34371	0.03429	0.03541	0.09777	0.09889	0.07075	0.07064	9.45E-04	2.06E-07	2.16E-07	9.55E-07	9.62E-07	2.48E-07	2.47E-07	9.4723E-04
606867.8	4201128.22	53552.38629	0.03627	0.03754	0.10227	0.10317	0.06953	0.06939	9.13E-04	2.18E-07	2.29E-07	9.99E-07	1.00E-06	2.43E-07	2.42E-07	9.1535E-04
606887.8	4201128.22	51733.301	0.03913	0.04034	0.10709	0.10837	0.06832	0.06815	8.82E-04	2.36E-07	2.46E-07	1.05E-06	1.05E-06	2.39E-07	2.38E-07	8.8447E-04
606907.8	4201128.22	49980.69694	0.04175	0.04314	0.11266	0.11407	0.06713	0.06693	8.52E-04	2.51E-07	2.63E-07	1.10E-06	1.11E-06	2.35E-07	2.34E-07	8.5474E-04
606927.8	4201128.22	48289.37942	0.04471	0.04627	0.11886	0.12043	0.06595	0.06572	8.23E-04	2.69E-07	2.82E-07	1.16E-06	1.17E-06	2.31E-07	2.30E-07	8.2606E-04
606947.8	4201128.22	46662.95059	0.04794	0.04975	0.12573	0.12743	0.06478	0.06453	7.95E-04	2.89E-07	3.03E-07	1.23E-06	1.24E-06	2.27E-07	2.26E-07	7.9851E-04
606967.8	4201128.22	45101.00746	0.05147	0.05343	0.1334	0.1353	0.06362	0.06336	7.69E-04	3.10E-07	3.26E-07	1.30E-06	1.32E-06	2.23E-07	2.21E-07	7.7208E-04
606987.8	4201128.22	43602.23995	0.05542	0.05757	0.14198	0.14415	0.06249	0.0622	7.43E-04	3.34E-07	3.51E-07	1.39E-06	1.40E-06	2.19E-07	2.17E-07	7.4675E-04
607007.8	4201128.22	42166.39193	0.05987	0.06229	0.15164	0.15408	0.06136	0.06106	7.19E-04	3.61E-07	3.80E-07	1.48E-06	1.50E-06	2.15E-07	2.13E-07	7.2252E-04
607027.8	4201128.22	40791.92875	0.06497	0.06767	0.16258	0.16536	0.06026	0.05995	6.95E-04	3.91E-07	4.13E-07	1.59E-06	1.61E-06	2.11E-07	2.10E-07	6.9937E-04
607047.8	4201128.22	39475.30087	0.07093	0.0739	0.17527	0.17851	0.05917	0.05884	6.73E-04	4.27E-07	4.51E-07	1.71E-06	1.74E-06	2.07E-07	2.06E-07	6.7725E-04
607067.8	4201128.22	38216.72821	0.07787	0.08118	0.18999	0.19382	0.05809	0.05776	6.51E-04	4.69E-07	4.95E-07	1.86E-06	1.89E-06	2.03E-07	2.02E-07	6.5618E-04
607087.8	4201128.22	37013.12917	0.08614	0.08986	0.20731	0.21191	0.05704	0.05669	6.31E-04	5.19E-07	5.48E-07	2.02E-06	2.06E-06	2.00E-07	1.98E-07	6.3611E-04
607107.8	4201128.22	35866.64147	0.09588	0.10011	0.22764	0.23324	0.056	0.05565	6.11E-04	5.77E-07	6.11E-07	2.22E-06	2.27E-06	1.96E-07	1.94E-07	6.1709E-04
607127.8	4201128.22	34771.08371	0.10777	0.11259	0.25215	0.25917	0.05498	0.05462	5.93E-04	6.49E-07	6.87E-07	2.46E-06	2.52E-06	1.93E-07	1.91E-07	5.9905E-04
607147.8	4201128.22	33725.72562	0.12229	0.12793	0.28205	0.29109	0.05398	0.05362	5.75E-04	7.36E-07	7.80E-07	2.75E-06	2.83E-06	1.89E-07	1.87E-07	5.8202E-04
607167.8	4201128.22	32729.81876	0.14003	0.14686	0.31917	0.33111	0.053	0.05263	5.58E-04	8.43E-07	8.96E-07	3.12E-06	3.22E-06	1.86E-07	1.84E-07	5.6602E-04
607187.8	4201128.22	31779.70515	0.16221	0.17079	0.36673	0.383	0.05204	0.05167	5.42E-04	9.77E-07	1.04E-06	3.58E-06	3.72E-06	1.82E-07	1.81E-07	5.5107E-04
607207.8	4201128.22	30873.09771	0.19045	0.20172	0.42971	0.45279	0.0511	0.05072	5.26E-04	1.15E-06	1.23E-06	4.20E-06	4.40E-06	1.79E-07	1.77E-07	5.3727E-04
607227.8	4201128.22	30008.10449	0.22744	0.24295	0.51667	0.55117	0.05017	0.04979	5.12E-04	1.37E-06	1.48E-06	5.05E-06	5.36E-06	1.76E-07	1.74E-07	5.2480E-04
607247.8	4201128.22	29182.60335	0.278	0.30054	0.64378	0.69901	0.04926	0.04888	4.97E-04	1.67E-06	1.83E-06	6.29E-06	6.80E-06	1.72E-07	1.71E-07	5.1406E-04
607267.8	4201128.22	28394.43073	0.35113	0.38671	0.84488	0.94262	0.04838	0.048	4.84E-04	2.11E-06	2.36E-06	8.25E-06	9.17E-06	1.69E-07	1.68E-07	5.0593E-04
607287.8	4201128.22	27641.45372	0.46313	0.52774	1.20172	1.40259	0.04751	0.04713	4.71E-04	2.79E-06	3.22E-06	1.17E-05	1.36E-05	1.66E-07	1.65E-07	5.0258E-04
607307.8	4201128.22	26921.59283	0.63308	0.7709	1.93945	2.44029	0.04665	0.04627	4.59E-04	3.81E-06	4.70E-06	1.89E-05	2.37E-05	1.63E-07	1.62E-07	5.1012E-04
606527.8	4201148.22	78848.91934	0.01669	0.01704	0.05494	0.05548	0.09561	0.09635	1.34E-03	1.00E-07	1.04E-07	5.37E-07	5.40E-07	3.35E-07	3.37E-07	1.3454E-03
606547.8	4201148.22	77559.49903	0.01724	0.01761	0.05655	0.05712	0.09423	0.09487	1.32E-03	1.04E-07	1.07E-07	5.52E-07	5.56E-07	3.30E-07	3.32E-07	1.3235E-03
606567.8	4201148.22	76269.61526	0.01782	0.01821	0.05825	0.05885	0.09283	0.09336	1.30E-03	1.07E-07	1.11E-07	5.69E-07	5.72E-07	3.25E-07	3.26E-07	1.3015E-03
606587.8	4201148.22	74937.28892	0.01844	0.01885	0.06005	0.06069	0.09141	0.09185	1.28E-03	1.11E-07	1.15E-07	5.86E-07	5.90E-07	3.20E-07	3.21E-07	1.2788E-03
606607.8	4201148.22	73583.26952	0.01909	0.01953	0.06198	0.06265	0.08998	0.09035	1.25E-03	1.15E-07	1.19E-07	6.05E-07	6.09E-07	3.15E-07	3.16E-07	1.2558E-03
606627.8	4201148.22	72172.80716	0.01976	0.02022	0.06398	0.06469	0.08855	0.08884	1.23E-03	1.19E-07	1.23E-07	6.25E-07	6.29E-07	3.10E-07	3.10E-07	1.2318E-03
606647.8	4201148.22	70694.72975	0.02053	0.02101	0.06619	0.06694	0.08711	0.08733	1.21E-03	1.24E-07	1.28E-07	6.46E-07	6.51E-07	3.05E-07	3.05E-07	1.2067E-03
606667.8	4201148.22	69138.70221	0.02134	0.02185	0.06854	0.06934	0.08566	0.08583	1.18E-03	1.28E-07	1.33E-07	6.69E-07	6.74E-07	3.00E-07	3.00E-07	1.1802E-03
606687.8	4201148.22	67504.98804	0.02222	0.02277	0.07108	0.07191	0.08421	0.08432	1.15E-03	1.34E-07	1.39E-07	6.94E-07	6.99E-07	2.95E-07	2.95E-07	1.1524E-03
606707.8	4201148.22	65800.46553	0.02317	0.02375	0.07378	0.07465	0.08278	0.08284	1.12E-03	1.40E-07	1.45E-07	7.21E-07	7.26E-07	2.90E-07	2.89E-07	1.1234E-03
606727.8	4201148.22	64039.72828	0.02422	0.02483	0.07668	0.07758	0.08134	0.08135	1.09E-03	1.46E-07	1.51E-07	7.49E-07	7.55E-07	2.85E-07	2.84E-07	1.0935E-03
606747.8	4201148.22	62242.73061	0.02531	0.02597	0.07973	0.08068	0.07991	0.07987	1.06E-03	1.52E-07	1.58E-07	7.79E-07	7.85E-07	2.80E-07	2.79E-07	1.0629E-03
606767.8	4201148.22	60429.1919	0.02646	0.02716	0.08296	0.08395	0.0785	0.07842	1.03E-03	1.59E-07	1.66E-07	8.10E-07	8.16E-07	2.75E-07	2.74E-07	1.0321E-03
606787.8	4201148.22	58601.37682	0.02776	0.02851	0.08647	0.08752	0.07709	0.07698	9.99E-04	1.67E-07	1.74E-07	8.44E-07	8.51E-07	2.70E-07	2.69E-07	1.0010E-03
606807.8	4201148.22	56787.75662	0.02915	0.02995	0.09023	0.09134	0.07571	0.07555	9.68E-04	1.76E-07	1.83E-07	8.81E-07	8.88E-07	2.65E-07	2.64E-07	9.7018E-04
606827.8	4201148.22	54996.68626	0.03069	0.03154	0.09432	0.09552	0.07433	0.07414	9.38E-04	1.85E-07	1.92E-07	9.21E-07	9.29E-07	2.60E-07	2.59E-07	9.3975E-04
606847.8	4201148.22	53241.62303	0.03238	0.03329	0.09877	0.10008	0.07297	0.07275	9.08E-04	1.95E-07	2.03E-07	9.65E-07	9.73E-07	2.55E-07	2.54E-07	9.0994E-04
606867.8	4201148.22	51527.99919	0.03427	0.03529	0.10338	0.10452	0.07162	0.07138	8.78E-04	2.06E-07	2.15E-07	1.01E-06	1.02E-06	2.51E-07	2.49E-07	8.8084E-04
606887.8	4201148.22	49868.7276	0.03678	0.03744	0.10856	0.11005	0.0703	0.07003	8.50E-04	2.21E-07	2.28E-07	1.06E-06	1.07E-06	2.46E-07	2.45E-07	8.5268E-04
606907.8	4201148.22	48259.43017	0.03935	0.04043	0.11423	0.11592	0.069	0.06871	8.23E-04	2.37E-07	2.47E-07	1.12E-06	1.13E-06	2.42E-07	2.40E-07	8.2540E-04
606927.8	4201148.22	46704.38218	0.04206	0.04329	0.1206	0.12248	0.06771	0.0674	7.96E-04	2.53E-07	2.64E-07	1.18E-06	1.19E-06	2.37E-07	2.36E-07	7.9905E-04
606947.8	4201148.22	45203.45796	0.04503	0.04645	0.12768	0.12974	0.06644	0.06611	7.71E-04	2.71E-07	2.83E-07	1.25E-06	1.26E-06	2.33E-07	2.31E-07	7.7364E-04
606967.8	4201148.22	43756.58013	0.04829	0.0498	0.13563	0.13794	0.06519	0.06485	7.46E-04	2.91E-07	3.04E-07	1.32E-06	1.34E-06	2.28E-07	2.27E-07	7.4917E-04
606987.8	4201148.22	42364.20895	0.05189	0.05357	0.14453	0.14713	0.06396	0.06361	7.22E-04	3.12E-07	3.27E-07	1.41E-06	1.43E-06	2.24E-07	2.22E-07	7.2566E-04
607007.8	4201148.22	41026.78595	0.05596	0.05778	0.15449	0.15744	0.06276	0.06239	6.99E-04	3.37E-07	3.52E-07	1.51E-06	1.53E-06	2.20E-07	2.18E-07	7.0311E-04
607027.8	4201148.22	39742.85348	0.06056	0.06256	0.16573	0.16912	0.06157	0.06119	6.77E-04	3.65E-07	3.82E-07	1.62E-06	1.64E-06	2.16E-07	2.14E-07	6.8150E-04
607047.8	4201148.22	38508.41473	0.06595	0.06809	0.17877	0.1827	0.06041	0.06002	6.56E-04	3.97E-07	4.15E-07	1.75E-06	1.78E-06	2.12E-07	2.10E-07	6.6078E-04
607067.8	4201148.22	37324.56701	0.07219	0.07452	0.19388	0.19851	0.05927	0.05887	6.36E-04	4.35E-07	4.55E-07	1.89E-06	1.93E-06	2.08E-07	2.06E-07	6.4098E-04
607087.8	4201148.22	36188.12382	0.07961	0.08217	0.2117	0.21725	0.05814	0.05774	6.17E-04	4.79E-07	5.01E-07	2.07E-06	2.11E-06	2.04E-07	2.02E-07	6.2205E-04
607107.8	4201148.22	35100.63137	0.08838	0.09123	0.23278	0.23952	0.05704	0.05663	5.98E-04	5.32E-07	5.57E-07	2.27E-06	2.33E-06	2.00E-07	1.98E-07	6.0405E-04
607127.8	4201148.22	34058.79077	0.0989	0.10211	0.25819	0.2666	0.05596	0.05555	5.81E-04	5.96E-07	6.23E-07	2.52E-06	2.59E-06	1.96E-07	1.94E-07	5.8693E-04
607147.8	4201148.22	33063.4357	0.1114	0.11515	0.28897	0.29975	0.05491	0.05449	5.64E-04	6.71E-07	7.02E-07	2.82E-06	2.92E-06	1.92E-07	1.90E-07	5.7074E-04
607167.8	4201148.22	32111.12649	0.12648	0.13107	0.32739	0.34158	0.05387	0.05345	5.47E-04	7.62E-07	8.00E-07	3.20E-06	3.32E-06	1.89E-07	1.87E-07	5.5547E-04
607187.8	4201148.22	31200.21907	0.14487	0.15074	0.37665	0.39596	0.05286	0.05244	5.32E-04	8.72E-07	9.20E-07	3.68E-06	3.85E-06	1.85E-07	1.83E-07	5.4119E-04
607207.8	4201148.22	30329.05505	0.16759	0.17548	0.44192	0.46932	0.05187	0.05145	5.17E-04	1.01E-06	1.07E-06	4.32E-06	4.56E-06	1.82E-07	1.80E-07	5.2797E-04
607227.8	4201148.22	29495.90812	0.19633	0.20743	0.53207	0.57313	0.0509	0.05047	5.03E-04	1.18E-06	1.27E-06	5.20E-06	5.57E-06	1.78E-07	1.76E-07	5.1603E-04
607247.8	4201148.22	28699.23394	0.23389	0.25038	0.66377	0.72984	0.04995	0.04953	4.89E-04	1.41E-06	1.53E-06	6.48E-06	7.10E-06	1.75E-07	1.73E-07	5.0575E-04
607267.8	4201148.22	27937.03265	0.28468	0.31105	0.87134	0.98918	0.04902	0.0486	4.76E-04	1.71E-06	1.90E-06	8.51E-06	9.62E-06	1.72E-07	1.70E-07	4.9798E-04
607287.8	4201148.22	27207.83009	0.3548	0.40019	1.23508	1.47896	0.04811	0.04769	4.64E-04	2.14E-06	2.44E-06	1.21E-05	1.44E-05	1.68E-07	1.67E-07	4.9483E-04
607307.8	4201148.22	26507.94422	0.45058	0.53166	1.97295	2.57589	0.04722	0.0468	4.52E-04	2.71E-06	3.24E-06	1.93E-05	2.51E-05	1.65E-07	1.64E-07	5.0215E-04
606527.8	4201168.22	74450.43151	0.01602	0.01632	0.05513	0.05572	0.1009	0.10145	1.27E-03	9.65E-08	9.96E-08	5.38E-07	5.42E-07	3.53E-07	3.55E-07	1.2704E-03
606547.8	4201168.22	73257.10793	0.01653	0.01686	0.05675	0.05737	0.09923	0.0997	1.25E-03	9.95E-08	1.03E-07	5.54E-07	5.58E-07	3.47E-07	3.48E-07	1.2501E-03
606567.8	4201168.22	72058.55315	0.01708	0.01742	0.05845	0.0591	0.09757	0.09795	1.23E-03	1.03E-07	1.06E-07	5.71E-07	5.75E-07	3.42E-07	3.42E-07	1.2297E-03
606587.8	4201168.22	70824.64568	0.01766	0.01802	0.06028	0.06096	0.0959	0.09619	1.21E-03	1.06E-07	1.10E-07	5.89E-07	5.93E-07	3.36E-07	3.36E-07	1.2087E-03
606607.8	4201168.22	69575.7711	0.01828	0.01865	0.06221	0.06294	0.09423	0.09444	1.19E-03	1.10E-07	1.14E-07	6.08E-07	6.12E-07	3.30E-07	3.30E-07	1.1875E-03
606627.8	4201168.22	68279.1385	0.01892	0.01932	0.06425	0.06502	0.09256	0.09271	1.16E-03	1.14E-07	1.18E-07	6.27E-07	6.32E-07	3.24E-07	3.24E-07	1.1654E-03
606647.8	4201168.22	66931.75318	0.01965	0.02006	0.06649	0.06731	0.0909	0.09099	1.14E-03	1.18E-07	1.22E-07	6.49E-07	6.55E-07	3.18E-07	3.18E-07	1.1425E-03
606667.8	4201168.22	65521.26691	0.02043	0.02087	0.06889	0.06976	0.08925	0.08928	1.12E-03	1.23E-07	1.27E-07	6.73E-07	6.78E-07	3.12E-07	3.12E-07	1.1185E-03
606687.8	4201168.22	64053.32769	0.02125	0.02171	0.07144	0.07236	0.08761	0.08759	1.09E-03	1.28E-07	1.32E-07	6.98E-07	7.04E-07	3.07E-07	3.06E-07	1.0936E-03
606707.8	4201168.22	62516.37646	0.02217	0.02266	0.07423	0.07519	0.08599	0.08592	1.07E-03	1.33E-07	1.38E-07	7.25E-07	7.31E-07	3.01E-07	3.00E-07	1.0674E-03
606727.8	4201168.22	60933.55971	0.02318	0.0237	0.07721	0.07822	0.08437	0.08425	1.04E-03	1.40E-07	1.45E-07	7.54E-07	7.61E-07	2.95E-07	2.94E-07	1.0405E-03
606747.8	4201168.22	59320.84526	0.02421	0.02476	0.08032	0.08137	0.08277	0.08261	1.01E-03	1.46E-07	1.51E-07	7.84E-07	7.91E-07	2.90E-07	2.89E-07	1.0131E-03
606767.8	4201168.22	57687.67802	0.02532	0.0259	0.08363	0.08473	0.0812	0.081	9.83E-04	1.52E-07	1.58E-07	8.17E-07	8.24E-07	2.84E-07	2.83E-07	9.8534E-04
606787.8	4201168.22	56044.53034	0.02651	0.02713	0.08717	0.08833	0.07965	0.07942	9.55E-04	1.60E-07	1.65E-07	8.51E-07	8.59E-07	2.79E-07	2.78E-07	9.5742E-04
606807.8	4201168.22	54403.74655	0.02782	0.02847	0.091	0.09223	0.07812	0.07785	9.27E-04	1.68E-07	1.74E-07	8.89E-07	8.97E-07	2.74E-07	2.72E-07	9.2954E-04
606827.8	4201168.22	52781.9888	0.02923	0.02992	0.09511	0.09645	0.07661	0.07632	9.00E-04	1.76E-07	1.83E-07	9.29E-07	9.38E-07	2.68E-07	2.67E-07	9.0199E-04
606847.8	4201168.22	51184.22056	0.03081	0.03154	0.09963	0.10108	0.07512	0.0748	8.73E-04	1.86E-07	1.92E-07	9.73E-07	9.83E-07	2.63E-07	2.61E-07	8.7486E-04
606867.8	4201168.22	49618.09171	0.03258	0.0334	0.10434	0.10568	0.07366	0.07331	8.46E-04	1.96E-07	2.04E-07	1.02E-06	1.03E-06	2.58E-07	2.56E-07	8.4828E-04
606887.8	4201168.22	48094.9025	0.03503	0.03577	0.10971	0.11143	0.07222	0.07185	8.20E-04	2.11E-07	2.18E-07	1.07E-06	1.08E-06	2.53E-07	2.51E-07	8.2245E-04
606907.8	4201168.22	46614.84523	0.03742	0.03828	0.11556	0.11747	0.0708	0.07042	7.95E-04	2.25E-07	2.34E-07	1.13E-06	1.14E-06	2.48E-07	2.46E-07	7.9736E-04
606927.8	4201168.22	45179.60482	0.04001	0.04099	0.12208	0.12418	0.0694	0.06901	7.70E-04	2.41E-07	2.50E-07	1.19E-06	1.21E-06	2.43E-07	2.41E-07	7.7306E-04
606947.8	4201168.22	43794.19851	0.04267	0.04377	0.12936	0.13171	0.06804	0.06763	7.47E-04	2.57E-07	2.67E-07	1.26E-06	1.28E-06	2.38E-07	2.36E-07	7.4962E-04
606967.8	4201168.22	42454.73996	0.04564	0.04682	0.13751	0.14015	0.0667	0.06628	7.24E-04	2.75E-07	2.86E-07	1.34E-06	1.36E-06	2.34E-07	2.32E-07	7.2698E-04
606987.8	4201168.22	41162.09826	0.04897	0.05023	0.14663	0.1496	0.06538	0.06495	7.02E-04	2.95E-07	3.06E-07	1.43E-06	1.45E-06	2.29E-07	2.27E-07	7.0517E-04
607007.8	4201168.22	39915.84061	0.05271	0.05408	0.15685	0.16021	0.0641	0.06365	6.80E-04	3.17E-07	3.30E-07	1.53E-06	1.56E-06	2.24E-07	2.22E-07	6.8417E-04
607027.8	4201168.22	38715.43431	0.05699	0.05845	0.16844	0.17227	0.06283	0.06238	6.60E-04	3.43E-07	3.57E-07	1.64E-06	1.68E-06	2.20E-07	2.18E-07	6.6399E-04
607047.8	4201168.22	37556.23793	0.06202	0.06356	0.18191	0.18637	0.06159	0.06113	6.40E-04	3.73E-07	3.88E-07	1.78E-06	1.81E-06	2.16E-07	2.14E-07	6.4456E-04
607067.8	4201168.22	36443.59974	0.06776	0.0694	0.19742	0.20264	0.06038	0.05992	6.21E-04	4.08E-07	4.23E-07	1.93E-06	1.97E-06	2.11E-07	2.09E-07	6.2598E-04
607087.8	4201168.22	35373.98942	0.07447	0.07623	0.21557	0.22179	0.05919	0.05873	6.03E-04	4.48E-07	4.65E-07	2.11E-06	2.16E-06	2.07E-07	2.05E-07	6.0819E-04
607107.8	4201168.22	34343.70125	0.0825	0.08444	0.23737	0.24491	0.05802	0.05756	5.85E-04	4.97E-07	5.15E-07	2.32E-06	2.38E-06	2.03E-07	2.01E-07	5.9116E-04
607127.8	4201168.22	33356.85534	0.09178	0.09399	0.26334	0.27266	0.05689	0.05642	5.69E-04	5.53E-07	5.73E-07	2.57E-06	2.65E-06	1.99E-07	1.97E-07	5.7498E-04
607147.8	4201168.22	32409.50516	0.10274	0.10538	0.29506	0.30691	0.05578	0.05531	5.52E-04	6.19E-07	6.43E-07	2.88E-06	2.98E-06	1.95E-07	1.93E-07	5.5961E-04
607167.8	4201168.22	31500.5572	0.11568	0.11903	0.33468	0.35016	0.05469	0.05422	5.37E-04	6.97E-07	7.26E-07	3.27E-06	3.41E-06	1.91E-07	1.89E-07	5.4508E-04
607187.8	4201168.22	30628.30469	0.13111	0.13558	0.38565	0.4066	0.05363	0.05316	5.22E-04	7.89E-07	8.27E-07	3.77E-06	3.95E-06	1.88E-07	1.86E-07	5.3145E-04
607207.8	4201168.22	29792.93179	0.14946	0.15569	0.45299	0.48255	0.05259	0.05212	5.08E-04	9.00E-07	9.50E-07	4.42E-06	4.69E-06	1.84E-07	1.82E-07	5.1884E-04
607227.8	4201168.22	28991.71699	0.17198	0.181	0.54633	0.5905	0.05157	0.05111	4.94E-04	1.04E-06	1.10E-06	5.34E-06	5.74E-06	1.81E-07	1.79E-07	5.0743E-04
607247.8	4201168.22	28223.87417	0.20006	0.21369	0.68282	0.75391	0.05058	0.05012	4.81E-04	1.20E-06	1.30E-06	6.67E-06	7.33E-06	1.77E-07	1.75E-07	4.9764E-04
607267.8	4201168.22	27487.81676	0.23573	0.25693	0.89764	1.02478	0.04961	0.04916	4.69E-04	1.42E-06	1.57E-06	8.77E-06	9.97E-06	1.74E-07	1.72E-07	4.9030E-04
607287.8	4201168.22	26781.9351	0.28237	0.3151	1.27431	1.53728	0.04867	0.04821	4.57E-04	1.70E-06	1.92E-06	1.24E-05	1.50E-05	1.70E-07	1.68E-07	4.8756E-04
607307.8	4201168.22	26104.15436	0.3424	0.39319	2.03248	2.67489	0.04774	0.04729	4.45E-04	2.06E-06	2.40E-06	1.98E-05	2.60E-05	1.67E-07	1.65E-07	4.9532E-04
606527.8	4201188.22	70486.67085	0.01542	0.01569	0.0553	0.05592	0.10621	0.10658	1.20E-03	9.28E-08	9.57E-08	5.40E-07	5.44E-07	3.72E-07	3.72E-07	1.2028E-03
606547.8	4201188.22	69379.76204	0.0159	0.01618	0.0569	0.05755	0.10425	0.10453	1.18E-03	9.57E-08	9.87E-08	5.56E-07	5.60E-07	3.65E-07	3.65E-07	1.1840E-03
606567.8	4201188.22	68262.26623	0.01642	0.01672	0.05862	0.05931	0.10231	0.10251	1.16E-03	9.89E-08	1.02E-07	5.72E-07	5.77E-07	3.58E-07	3.58E-07	1.1650E-03
606587.8	4201188.22	67116.5484	0.01697	0.01729	0.06045	0.06118	0.10038	0.1005	1.14E-03	1.02E-07	1.05E-07	5.90E-07	5.95E-07	3.51E-07	3.51E-07	1.1455E-03
606607.8	4201188.22	65961.72555	0.01755	0.01788	0.06238	0.06315	0.09845	0.09851	1.12E-03	1.06E-07	1.09E-07	6.09E-07	6.14E-07	3.45E-07	3.44E-07	1.1259E-03
606627.8	4201188.22	64763.83955	0.01817	0.01852	0.06445	0.06527	0.09656	0.09654	1.10E-03	1.09E-07	1.13E-07	6.29E-07	6.35E-07	3.38E-07	3.37E-07	1.1055E-03
606647.8	4201188.22	63529.95045	0.01886	0.01922	0.06671	0.06758	0.09468	0.0946	1.08E-03	1.14E-07	1.17E-07	6.51E-07	6.57E-07	3.32E-07	3.31E-07	1.0845E-03
606667.8	4201188.22	62246.32126	0.0196	0.01998	0.06913	0.07006	0.09282	0.09268	1.06E-03	1.18E-07	1.22E-07	6.75E-07	6.81E-07	3.25E-07	3.24E-07	1.0627E-03
606687.8	4201188.22	60908.58077	0.02042	0.02082	0.07177	0.07275	0.09096	0.09079	1.04E-03	1.23E-07	1.27E-07	7.01E-07	7.08E-07	3.18E-07	3.17E-07	1.0400E-03
606707.8	4201188.22	59521.86948	0.0213	0.02171	0.07458	0.07562	0.08915	0.08894	1.01E-03	1.28E-07	1.32E-07	7.28E-07	7.35E-07	3.12E-07	3.11E-07	1.0164E-03
606727.8	4201188.22	58095.85402	0.02224	0.02268	0.07759	0.07868	0.08735	0.08709	9.90E-04	1.34E-07	1.38E-07	7.58E-07	7.65E-07	3.06E-07	3.04E-07	9.9214E-04
606747.8	4201188.22	56638.04506	0.02323	0.02369	0.08077	0.08191	0.08558	0.08529	9.65E-04	1.40E-07	1.45E-07	7.89E-07	7.97E-07	3.00E-07	2.98E-07	9.6737E-04
606767.8	4201188.22	55161.39588	0.02429	0.02478	0.08415	0.08534	0.08384	0.08352	9.40E-04	1.46E-07	1.51E-07	8.22E-07	8.30E-07	2.94E-07	2.92E-07	9.4227E-04
606787.8	4201188.22	53672.50312	0.02544	0.02595	0.08776	0.08902	0.08214	0.08178	9.15E-04	1.53E-07	1.58E-07	8.57E-07	8.66E-07	2.88E-07	2.86E-07	9.1698E-04
606807.8	4201188.22	52182.65623	0.02669	0.02723	0.09165	0.09299	0.08046	0.08008	8.90E-04	1.61E-07	1.66E-07	8.95E-07	9.04E-07	2.82E-07	2.80E-07	8.9167E-04
606827.8	4201188.22	50705.71328	0.02803	0.0286	0.09582	0.09726	0.07882	0.07841	8.64E-04	1.69E-07	1.74E-07	9.36E-07	9.46E-07	2.76E-07	2.74E-07	8.6660E-04
606847.8	4201188.22	49246.31479	0.02953	0.03012	0.10039	0.1018	0.0772	0.07678	8.39E-04	1.78E-07	1.84E-07	9.80E-07	9.90E-07	2.70E-07	2.68E-07	8.4182E-04
606867.8	4201188.22	47815.03118	0.0312	0.03182	0.10517	0.10669	0.07562	0.07517	8.15E-04	1.88E-07	1.94E-07	1.03E-06	1.04E-06	2.65E-07	2.63E-07	8.1754E-04
606887.8	4201188.22	46410.88336	0.03366	0.03428	0.11072	0.1126	0.07406	0.0736	7.91E-04	2.03E-07	2.09E-07	1.08E-06	1.10E-06	2.59E-07	2.57E-07	7.9375E-04
606907.8	4201188.22	45046.00424	0.03586	0.03657	0.11671	0.11879	0.07253	0.07205	7.68E-04	2.16E-07	2.23E-07	1.14E-06	1.16E-06	2.54E-07	2.52E-07	7.7062E-04
606927.8	4201188.22	43721.98164	0.03818	0.039	0.12331	0.1256	0.07103	0.07055	7.45E-04	2.30E-07	2.38E-07	1.20E-06	1.22E-06	2.49E-07	2.47E-07	7.4821E-04
606947.8	4201188.22	42437.13792	0.0407	0.04156	0.13078	0.13336	0.06957	0.06907	7.23E-04	2.45E-07	2.54E-07	1.28E-06	1.30E-06	2.44E-07	2.41E-07	7.2649E-04
606967.8	4201188.22	41194.68725	0.04346	0.04438	0.13909	0.14203	0.06814	0.06763	7.02E-04	2.62E-07	2.71E-07	1.36E-06	1.38E-06	2.39E-07	2.36E-07	7.0551E-04
606987.8	4201188.22	39992.56034	0.04657	0.04754	0.14843	0.15174	0.06674	0.06622	6.82E-04	2.80E-07	2.90E-07	1.45E-06	1.48E-06	2.34E-07	2.31E-07	6.8524E-04
607007.8	4201188.22	38830.92682	0.05009	0.05112	0.15888	0.16262	0.06537	0.06485	6.62E-04	3.02E-07	3.12E-07	1.55E-06	1.58E-06	2.29E-07	2.27E-07	6.6569E-04
607027.8	4201188.22	37707.06964	0.05415	0.0552	0.17088	0.17514	0.06402	0.0635	6.43E-04	3.26E-07	3.37E-07	1.67E-06	1.70E-06	2.24E-07	2.22E-07	6.4682E-04
607047.8	4201188.22	36621.85026	0.05882	0.05991	0.18466	0.18956	0.06271	0.06218	6.24E-04	3.54E-07	3.65E-07	1.80E-06	1.84E-06	2.20E-07	2.17E-07	6.2865E-04
607067.8	4201188.22	35576.75309	0.06417	0.06531	0.20052	0.20623	0.06143	0.0609	6.06E-04	3.86E-07	3.98E-07	1.96E-06	2.01E-06	2.15E-07	2.13E-07	6.1122E-04
607087.8	4201188.22	34569.00065	0.07038	0.0716	0.21912	0.22588	0.06017	0.05965	5.89E-04	4.24E-07	4.37E-07	2.14E-06	2.20E-06	2.11E-07	2.08E-07	5.9449E-04
607107.8	4201188.22	33597.55398	0.07761	0.07895	0.24125	0.2494	0.05895	0.05843	5.73E-04	4.67E-07	4.82E-07	2.36E-06	2.43E-06	2.06E-07	2.04E-07	5.7846E-04
607127.8	4201188.22	32662.97048	0.0859	0.08748	0.26783	0.27782	0.05776	0.05724	5.57E-04	5.17E-07	5.34E-07	2.62E-06	2.70E-06	2.02E-07	2.00E-07	5.6317E-04
607147.8	4201188.22	31761.21465	0.09564	0.09764	0.30059	0.31323	0.05659	0.05607	5.41E-04	5.76E-07	5.96E-07	2.94E-06	3.05E-06	1.98E-07	1.96E-07	5.4858E-04
607167.8	4201188.22	30894.12683	0.10686	0.10955	0.34155	0.35792	0.05545	0.05493	5.27E-04	6.43E-07	6.68E-07	3.34E-06	3.48E-06	1.94E-07	1.92E-07	5.3477E-04
607187.8	4201188.22	30061.28311	0.11975	0.12353	0.39403	0.41597	0.05434	0.05382	5.12E-04	7.21E-07	7.54E-07	3.85E-06	4.05E-06	1.90E-07	1.88E-07	5.2182E-04
607207.8	4201188.22	29261.09104	0.13473	0.1402	0.46371	0.49445	0.05326	0.05274	4.99E-04	8.11E-07	8.55E-07	4.53E-06	4.81E-06	1.86E-07	1.84E-07	5.0981E-04
607227.8	4201188.22	28492.03289	0.15241	0.1605	0.56047	0.6061	0.0522	0.05169	4.86E-04	9.18E-07	9.79E-07	5.47E-06	5.89E-06	1.83E-07	1.81E-07	4.9896E-04
607247.8	4201188.22	27754.05043	0.17329	0.18523	0.70128	0.77428	0.05117	0.05067	4.73E-04	1.04E-06	1.13E-06	6.85E-06	7.53E-06	1.79E-07	1.77E-07	4.8967E-04
607267.8	4201188.22	27045.44724	0.19864	0.21573	0.92189	1.05147	0.05017	0.04967	4.61E-04	1.20E-06	1.32E-06	9.00E-06	1.02E-05	1.76E-07	1.74E-07	4.8278E-04
607287.8	4201188.22	26363.91913	0.23124	0.25489	1.31007	1.57568	0.04918	0.04869	4.49E-04	1.39E-06	1.55E-06	1.28E-05	1.53E-05	1.72E-07	1.70E-07	4.8049E-04
607307.8	4201188.22	25708.95699	0.27233	0.30614	2.09956	2.74205	0.04823	0.04774	4.38E-04	1.64E-06	1.87E-06	2.05E-05	2.67E-05	1.69E-07	1.67E-07	4.8894E-04
606527.8	4201208.22	66899.30271	0.01487	0.01511	0.05541	0.05606	0.11155	0.11171	1.14E-03	8.95E-08	9.22E-08	5.41E-07	5.45E-07	3.91E-07	3.90E-07	1.1417E-03
606547.8	4201208.22	65863.11821	0.01534	0.01559	0.05704	0.05772	0.10927	0.10935	1.12E-03	9.24E-08	9.51E-08	5.57E-07	5.61E-07	3.83E-07	3.82E-07	1.1241E-03
606567.8	4201208.22	64822.58384	0.01583	0.01609	0.05874	0.05947	0.10703	0.10703	1.11E-03	9.53E-08	9.81E-08	5.74E-07	5.78E-07	3.75E-07	3.74E-07	1.1064E-03
606587.8	4201208.22	63757.4179	0.01635	0.01663	0.06057	0.06133	0.10482	0.10476	1.09E-03	9.84E-08	1.01E-07	5.92E-07	5.96E-07	3.67E-07	3.66E-07	1.0882E-03

606607.8	4201208.22	62682.8944	0.01691	0.0172	0.06251	0.06332	0.10265	0.10252	1.07E-03	1.02E-07	1.05E-07	6.10E-07	6.16E-07	3.59E-07	3.58E-07	1.0700E-03
606627.8	4201208.22	61572.81285	0.01751	0.01781	0.06461	0.06547	0.10051	0.10031	1.05E-03	1.05E-07	1.09E-07	6.31E-07	6.37E-07	3.52E-07	3.51E-07	1.0511E-03
606647.8	4201208.22	60438.06775	0.01817	0.01848	0.06687	0.06779	0.09838	0.09815	1.03E-03	1.09E-07	1.13E-07	6.53E-07	6.59E-07	3.44E-07	3.43E-07	1.0318E-03
606667.8	4201208.22	59257.08042	0.0189	0.01923	0.06936	0.07034	0.09631	0.09602	1.01E-03	1.14E-07	1.17E-07	6.77E-07	6.84E-07	3.37E-07	3.36E-07	1.0117E-03
606687.8	4201208.22	58040.95178	0.01967	0.02001	0.07198	0.07303	0.09425	0.09393	9.89E-04	1.18E-07	1.22E-07	7.03E-07	7.10E-07	3.30E-07	3.28E-07	9.9107E-04
606707.8	4201208.22	56787.57189	0.02048	0.02083	0.07478	0.07589	0.09225	0.09189	9.68E-04	1.23E-07	1.27E-07	7.30E-07	7.38E-07	3.23E-07	3.21E-07	9.6977E-04
606727.8	4201208.22	55491.84912	0.02138	0.02175	0.07783	0.079	0.09027	0.08987	9.46E-04	1.29E-07	1.33E-07	7.60E-07	7.68E-07	3.16E-07	3.14E-07	9.4775E-04
606747.8	4201208.22	54172.99553	0.02232	0.02271	0.08104	0.08227	0.08833	0.0879	9.23E-04	1.34E-07	1.39E-07	7.91E-07	8.00E-07	3.09E-07	3.07E-07	9.2534E-04
606767.8	4201208.22	52828.86909	0.02335	0.02376	0.08449	0.08577	0.08642	0.08597	9.01E-04	1.41E-07	1.45E-07	8.25E-07	8.34E-07	3.03E-07	3.00E-07	9.0251E-04
606787.8	4201208.22	51475.02324	0.02446	0.02488	0.08815	0.0895	0.08456	0.08408	8.77E-04	1.47E-07	1.52E-07	8.61E-07	8.70E-07	2.96E-07	2.94E-07	8.7952E-04
606807.8	4201208.22	50113.17756	0.02569	0.02613	0.09214	0.09357	0.08273	0.08223	8.54E-04	1.55E-07	1.59E-07	9.00E-07	9.10E-07	2.90E-07	2.87E-07	8.5639E-04
606827.8	4201208.22	48759.79381	0.02702	0.02748	0.09641	0.09793	0.08094	0.08043	8.31E-04	1.63E-07	1.68E-07	9.42E-07	9.52E-07	2.83E-07	2.81E-07	8.3342E-04
606847.8	4201208.22	47420.30381	0.02872	0.02899	0.10094	0.10272	0.0792	0.07866	8.08E-04	1.73E-07	1.77E-07	9.86E-07	9.99E-07	2.77E-07	2.75E-07	8.1070E-04
606867.8	4201208.22	46106.56685	0.03047	0.03088	0.10602	0.10782	0.07749	0.07694	7.86E-04	1.83E-07	1.88E-07	1.04E-06	1.05E-06	2.71E-07	2.69E-07	7.8843E-04
606887.8	4201208.22	44817.58965	0.03236	0.03285	0.11151	0.1135	0.07582	0.07526	7.64E-04	1.95E-07	2.00E-07	1.09E-06	1.10E-06	2.65E-07	2.63E-07	7.6658E-04
606907.8	4201208.22	43555.73187	0.03443	0.03503	0.11759	0.11977	0.07419	0.07362	7.42E-04	2.07E-07	2.14E-07	1.15E-06	1.16E-06	2.60E-07	2.57E-07	7.4522E-04
606927.8	4201208.22	42327.60955	0.03663	0.03728	0.12438	0.12682	0.07259	0.07201	7.22E-04	2.21E-07	2.27E-07	1.21E-06	1.23E-06	2.54E-07	2.52E-07	7.2445E-04
606947.8	4201208.22	41136.78968	0.03898	0.03966	0.13193	0.13469	0.07103	0.07045	7.01E-04	2.35E-07	2.42E-07	1.29E-06	1.31E-06	2.49E-07	2.46E-07	7.0433E-04
606967.8	4201208.22	39981.13677	0.0416	0.04231	0.1404	0.14352	0.0695	0.06892	6.82E-04	2.50E-07	2.58E-07	1.37E-06	1.40E-06	2.43E-07	2.41E-07	6.8483E-04
606987.8	4201208.22	38860.743	0.04455	0.04528	0.14993	0.15343	0.06802	0.06743	6.62E-04	2.68E-07	2.76E-07	1.46E-06	1.49E-06	2.38E-07	2.36E-07	6.6595E-04
607007.8	4201208.22	37776.10999	0.0479	0.04864	0.16063	0.16463	0.06656	0.06598	6.44E-04	2.88E-07	2.97E-07	1.57E-06	1.60E-06	2.33E-07	2.31E-07	6.4772E-04
607027.8	4201208.22	36722.48929	0.0518	0.05254	0.17298	0.17758	0.06514	0.06455	6.26E-04	3.12E-07	3.20E-07	1.69E-06	1.73E-06	2.28E-07	2.26E-07	6.3005E-04
607047.8	4201208.22	35706.98688	0.05617	0.05692	0.18702	0.19231	0.06376	0.06317	6.09E-04	3.38E-07	3.47E-07	1.83E-06	1.87E-06	2.23E-07	2.21E-07	6.1307E-04
607067.8	4201208.22	34724.24897	0.06122	0.062	0.20328	0.20943	0.06241	0.06182	5.92E-04	3.69E-07	3.78E-07	1.99E-06	2.04E-06	2.19E-07	2.16E-07	5.9671E-04
607087.8	4201208.22	33774.1134	0.06703	0.06787	0.22237	0.22965	0.06109	0.06051	5.76E-04	4.04E-07	4.14E-07	2.17E-06	2.23E-06	2.14E-07	2.11E-07	5.8096E-04
607107.8	4201208.22	32859.4415	0.07353	0.07449	0.24481	0.25351	0.05982	0.05923	5.60E-04	4.43E-07	4.54E-07	2.39E-06	2.47E-06	2.09E-07	2.07E-07	5.6590E-04
607127.8	4201208.22	31974.44058	0.08099	0.08222	0.27202	0.28267	0.05857	0.05799	5.45E-04	4.88E-07	5.02E-07	2.66E-06	2.75E-06	2.05E-07	2.03E-07	5.5146E-04
607147.8	4201208.22	31120.52495	0.08942	0.09109	0.30536	0.31864	0.05735	0.05678	5.31E-04	5.38E-07	5.56E-07	2.98E-06	3.10E-06	2.01E-07	1.98E-07	5.3768E-04
607167.8	4201208.22	30296.53512	0.09893	0.10131	0.34711	0.36419	0.05616	0.05559	5.16E-04	5.96E-07	6.18E-07	3.39E-06	3.54E-06	1.97E-07	1.94E-07	5.2460E-04
607187.8	4201208.22	29501.93939	0.10964	0.11314	0.40095	0.42364	0.055	0.05444	5.03E-04	6.60E-07	6.90E-07	3.92E-06	4.12E-06	1.93E-07	1.90E-07	5.1230E-04
607207.8	4201208.22	28735.17984	0.12191	0.12708	0.47316	0.50475	0.05387	0.05332	4.90E-04	7.34E-07	7.75E-07	4.62E-06	4.91E-06	1.89E-07	1.86E-07	5.0088E-04
607227.8	4201208.22	27998.71049	0.13558	0.14307	0.57245	0.61887	0.05278	0.05223	4.77E-04	8.16E-07	8.73E-07	5.59E-06	6.02E-06	1.85E-07	1.83E-07	4.9059E-04
607247.8	4201208.22	27289.3693	0.15153	0.16192	0.71796	0.79163	0.05171	0.05116	4.65E-04	9.12E-07	9.88E-07	7.01E-06	7.70E-06	1.81E-07	1.79E-07	4.8181E-04
607267.8	4201208.22	26608.86148	0.17012	0.18364	0.94285	1.07121	0.05067	0.05013	4.54E-04	1.02E-06	1.12E-06	9.21E-06	1.04E-05	1.77E-07	1.75E-07	4.7537E-04
607287.8	4201208.22	25951.20829	0.1944	0.21185	1.34409	1.60397	0.04965	0.04912	4.42E-04	1.17E-06	1.29E-06	1.31E-05	1.56E-05	1.74E-07	1.72E-07	4.7357E-04
607307.8	4201208.22	25318.75465	0.22396	0.24764	2.16176	2.7811	0.04866	0.04814	4.32E-04	1.35E-06	1.51E-06	2.11E-05	2.70E-05	1.70E-07	1.68E-07	4.8262E-04
606527.8	4201228.22	63630.31668	0.01437	0.01459	0.0555	0.05618	0.11686	0.11679	1.08E-03	8.65E-08	8.90E-08	5.42E-07	5.46E-07	4.09E-07	4.08E-07	1.0860E-03
606547.8	4201228.22	62663.3302	0.01482	0.01505	0.05712	0.05784	0.11426	0.11412	1.07E-03	8.92E-08	9.18E-08	5.58E-07	5.63E-07	4.00E-07	3.99E-07	1.0695E-03
606567.8	4201228.22	61688.25015	0.0153	0.01554	0.05885	0.05961	0.11171	0.1115	1.05E-03	9.21E-08	9.48E-08	5.75E-07	5.80E-07	3.91E-07	3.90E-07	1.0529E-03
606587.8	4201228.22	60698.33136	0.01579	0.01603	0.06064	0.06144	0.10922	0.10895	1.03E-03	9.51E-08	9.78E-08	5.92E-07	5.98E-07	3.82E-07	3.81E-07	1.0361E-03
606607.8	4201228.22	59694.56575	0.01634	0.01659	0.06262	0.06346	0.10677	0.10645	1.02E-03	9.84E-08	1.01E-07	6.12E-07	6.17E-07	3.74E-07	3.72E-07	1.0190E-03
606627.8	4201228.22	58664.37526	0.01692	0.01718	0.06472	0.06562	0.10438	0.10401	1.00E-03	1.02E-07	1.05E-07	6.32E-07	6.38E-07	3.65E-07	3.63E-07	1.0015E-03
606647.8	4201228.22	57612.07841	0.01757	0.01784	0.06702	0.06798	0.10203	0.10162	9.82E-04	1.06E-07	1.09E-07	6.54E-07	6.61E-07	3.57E-07	3.55E-07	9.8363E-04
606667.8	4201228.22	56527.79625	0.01826	0.01855	0.06949	0.07052	0.09973	0.09927	9.64E-04	1.10E-07	1.13E-07	6.79E-07	6.86E-07	3.49E-07	3.47E-07	9.6521E-04
606687.8	4201228.22	55415.99757	0.01898	0.01928	0.0721	0.0732	0.09747	0.09699	9.45E-04	1.14E-07	1.18E-07	7.04E-07	7.12E-07	3.41E-07	3.39E-07	9.4631E-04
606707.8	4201228.22	54271.74434	0.01975	0.02006	0.07491	0.07607	0.09528	0.09476	9.25E-04	1.19E-07	1.22E-07	7.32E-07	7.40E-07	3.34E-07	3.31E-07	9.2687E-04
606727.8	4201228.22	53093.59797	0.0206	0.02092	0.07795	0.07918	0.09311	0.09256	9.05E-04	1.24E-07	1.28E-07	7.61E-07	7.70E-07	3.26E-07	3.23E-07	9.0686E-04
606747.8	4201228.22	51889.18128	0.02153	0.02186	0.08122	0.08252	0.09099	0.09042	8.85E-04	1.30E-07	1.33E-07	7.93E-07	8.03E-07	3.19E-07	3.16E-07	8.8640E-04
606767.8	4201228.22	50663.1852	0.02253	0.02287	0.08472	0.08608	0.08892	0.08833	8.64E-04	1.36E-07	1.40E-07	8.27E-07	8.37E-07	3.11E-07	3.09E-07	8.6559E-04
606787.8	4201228.22	49425.13884	0.02362	0.02397	0.08846	0.08989	0.08689	0.08629	8.43E-04	1.42E-07	1.46E-07	8.64E-07	8.74E-07	3.04E-07	3.02E-07	8.4457E-04
606807.8	4201228.22	48178.97448	0.02482	0.02518	0.0925	0.09402	0.08492	0.0843	8.21E-04	1.49E-07	1.54E-07	9.03E-07	9.14E-07	2.97E-07	2.95E-07	8.2342E-04
606827.8	4201228.22	46937.65273	0.02611	0.02648	0.09686	0.09844	0.08299	0.08236	8.00E-04	1.57E-07	1.62E-07	9.46E-07	9.57E-07	2.91E-07	2.88E-07	8.0236E-04
606847.8	4201228.22	45707.69694	0.02786	0.02795	0.10166	0.10335	0.08111	0.08047	7.79E-04	1.68E-07	1.70E-07	9.93E-07	1.01E-06	2.84E-07	2.81E-07	7.8151E-04
606867.8	4201228.22	44493.17222	0.02958	0.02998	0.10663	0.10852	0.07928	0.07863	7.58E-04	1.78E-07	1.83E-07	1.04E-06	1.06E-06	2.78E-07	2.75E-07	7.6092E-04
606887.8	4201228.22	43296.56907	0.03146	0.0319	0.11221	0.11426	0.07749	0.07683	7.38E-04	1.89E-07	1.95E-07	1.10E-06	1.11E-06	2.71E-07	2.68E-07	7.4066E-04
606907.8	4201228.22	42137.43891	0.03322	0.03368	0.11829	0.12054	0.07576	0.0751	7.18E-04	2.00E-07	2.05E-07	1.16E-06	1.17E-06	2.65E-07	2.62E-07	7.2104E-04
606927.8	4201228.22	41000.31392	0.03523	0.03574	0.12514	0.1277	0.07407	0.0734	6.99E-04	2.12E-07	2.18E-07	1.22E-06	1.24E-06	2.59E-07	2.57E-07	7.0182E-04
606947.8	4201228.22	39890.87675	0.03749	0.03801	0.13282	0.13572	0.07241	0.07174	6.80E-04	2.26E-07	2.32E-07	1.30E-06	1.32E-06	2.54E-07	2.51E-07	6.8309E-04
606967.8	4201228.22	38812.01945	0.04003	0.04056	0.14142	0.14475	0.07079	0.07013	6.62E-04	2.41E-07	2.47E-07	1.38E-06	1.41E-06	2.48E-07	2.45E-07	6.6490E-04
606987.8	4201228.22	37766.99298	0.04285	0.04338	0.15105	0.15479	0.06922	0.06856	6.44E-04	2.58E-07	2.65E-07	1.48E-06	1.51E-06	2.42E-07	2.40E-07	6.4731E-04
607007.8	4201228.22	36750.84139	0.04609	0.0466	0.16206	0.16635	0.06769	0.06703	6.26E-04	2.78E-07	2.84E-07	1.58E-06	1.62E-06	2.37E-07	2.34E-07	6.3025E-04
607027.8	4201228.22	35762.91405	0.04983	0.05033	0.17476	0.17968	0.06619	0.06553	6.10E-04	3.00E-07	3.07E-07	1.71E-06	1.75E-06	2.32E-07	2.29E-07	6.1370E-04
607047.8	4201228.22	34810.9962	0.05397	0.05447	0.18904	0.1947	0.06474	0.06408	5.93E-04	3.25E-07	3.32E-07	1.85E-06	1.89E-06	2.27E-07	2.24E-07	5.9781E-04
607067.8	4201228.22	33888.34348	0.0587	0.05922	0.20557	0.21217	0.06333	0.06268	5.78E-04	3.53E-07	3.61E-07	2.01E-06	2.06E-06	2.22E-07	2.19E-07	5.8247E-04
607087.8	4201228.22	32994.92108	0.06404	0.06462	0.22495	0.23275	0.06195	0.06131	5.62E-04	3.86E-07	3.94E-07	2.20E-06	2.26E-06	2.17E-07	2.14E-07	5.6770E-04
607107.8	4201228.22	32132.09283	0.06994	0.07068	0.24781	0.25707	0.06062	0.05998	5.48E-04	4.21E-07	4.31E-07	2.42E-06	2.50E-06	2.12E-07	2.10E-07	5.5352E-04
607127.8	4201228.22	31294.32096	0.07662	0.07767	0.27567	0.28696	0.05931	0.05868	5.33E-04	4.61E-07	4.74E-07	2.69E-06	2.79E-06	2.08E-07	2.05E-07	5.3989E-04
607147.8	4201228.22	30487.25819	0.08381	0.08535	0.30935	0.32332	0.05805	0.05743	5.20E-04	5.05E-07	5.21E-07	3.02E-06	3.14E-06	2.03E-07	2.01E-07	5.2690E-04
607167.8	4201228.22	29702.56869	0.09196	0.09429	0.35238	0.37025	0.05681	0.05619	5.06E-04	5.54E-07	5.75E-07	3.44E-06	3.60E-06	1.99E-07	1.96E-07	5.1451E-04
607187.8	4201228.22	28945.99577	0.10075	0.10423	0.40744	0.43099	0.05561	0.055	4.93E-04	6.07E-07	6.36E-07	3.98E-06	4.19E-06	1.95E-07	1.92E-07	5.0285E-04
607207.8	4201228.22	28214.13429	0.11053	0.11556	0.48124	0.51384	0.05444	0.05384	4.81E-04	6.66E-07	7.05E-07	4.70E-06	5.00E-06	1.91E-07	1.88E-07	4.9203E-04
607227.8	4201228.22	27509.56449	0.1212	0.12807	0.58263	0.63015	0.0533	0.05271	4.69E-04	7.30E-07	7.81E-07	5.69E-06	6.13E-06	1.87E-07	1.84E-07	4.8228E-04
607247.8	4201228.22	26828.78729	0.13378	0.14256	0.73206	0.80673	0.05219	0.05161	4.57E-04	8.06E-07	8.70E-07	7.15E-06	7.85E-06	1.83E-07	1.80E-07	4.7402E-04
607267.8	4201228.22	26174.0183	0.14861	0.15933	0.9652	1.0936	0.05112	0.05055	4.46E-04	8.95E-07	9.72E-07	9.43E-06	1.06E-05	1.79E-07	1.77E-07	4.6811E-04
607287.8	4201228.22	25542.6279	0.16682	0.18007	1.37476	1.62564	0.05008	0.04951	4.35E-04	1.00E-06	1.10E-06	1.34E-05	1.58E-05	1.75E-07	1.73E-07	4.6676E-04
607307.8	4201228.22	24932.68364	0.18887	0.2063	2.21814	2.80646	0.04906	0.0485	4.25E-04	1.14E-06	1.26E-06	2.17E-05	2.73E-05	1.72E-07	1.69E-07	4.7637E-04
606527.8	4201248.22	60639.91143	0.01391	0.01411	0.05555	0.05626	0.12208	0.1218	1.03E-03	8.38E-08	8.61E-08	5.42E-07	5.47E-07	4.27E-07	4.26E-07	1.0350E-03
606547.8	4201248.22	59733.99603	0.01435	0.01456	0.05719	0.05794	0.11918	0.11881	1.02E-03	8.64E-08	8.88E-08	5.58E-07	5.64E-07	4.17E-07	4.15E-07	1.0196E-03
606567.8	4201248.22	58820.23509	0.01483	0.01503	0.05894	0.05972	0.11632	0.11589	1.00E-03	8.93E-08	9.17E-08	5.76E-07	5.81E-07	4.07E-07	4.05E-07	1.0040E-03
606587.8	4201248.22	57892.78291	0.01531	0.01553	0.06076	0.06159	0.11353	0.11305	9.87E-04	9.22E-08	9.47E-08	5.93E-07	5.99E-07	3.98E-07	3.95E-07	9.8827E-04
606607.8	4201248.22	56959.06843	0.01583	0.01605	0.0627	0.06358	0.11082	0.1103	9.71E-04	9.53E-08	9.79E-08	6.12E-07	6.18E-07	3.88E-07	3.85E-07	9.7239E-04
606627.8	4201248.22	55996.2203	0.01641	0.01664	0.06485	0.06579	0.10818	0.10761	9.55E-04	9.88E-08	1.02E-07	6.33E-07	6.40E-07	3.79E-07	3.76E-07	9.5603E-04
606647.8	4201248.22	55021.18315	0.01703	0.01727	0.06714	0.06814	0.10558	0.10498	9.38E-04	1.03E-07	1.05E-07	6.56E-07	6.63E-07	3.70E-07	3.67E-07	9.3946E-04
606667.8	4201248.22	54025.33772	0.01767	0.01792	0.06955	0.07062	0.10307	0.10243	9.21E-04	1.06E-07	1.09E-07	6.79E-07	6.87E-07	3.61E-07	3.58E-07	9.2254E-04
606687.8	4201248.22	53002.94841	0.01836	0.01861	0.07215	0.07329	0.1006	0.09995	9.04E-04	1.11E-07	1.14E-07	7.05E-07	7.13E-07	3.52E-07	3.49E-07	9.0517E-04
606707.8	4201248.22	51947.12464	0.01914	0.0194	0.07503	0.07624	0.09819	0.09752	8.86E-04	1.15E-07	1.18E-07	7.33E-07	7.41E-07	3.44E-07	3.41E-07	8.8724E-04
606727.8	4201248.22	50869.84039	0.01995	0.02022	0.07806	0.07934	0.09584	0.09515	8.67E-04	1.20E-07	1.23E-07	7.62E-07	7.72E-07	3.36E-07	3.33E-07	8.6895E-04
606747.8	4201248.22	49768.68817	0.02084	0.02112	0.08134	0.0827	0.09355	0.09284	8.48E-04	1.25E-07	1.29E-07	7.94E-07	8.04E-07	3.28E-07	3.24E-07	8.5025E-04
606767.8	4201248.22	48644.2752	0.02183	0.02212	0.08489	0.08633	0.09131	0.09058	8.29E-04	1.31E-07	1.35E-07	8.29E-07	8.40E-07	3.20E-07	3.17E-07	8.3116E-04
606787.8	4201248.22	47514.24511	0.02286	0.02315	0.08862	0.09013	0.08914	0.0884	8.10E-04	1.38E-07	1.41E-07	8.65E-07	8.77E-07	3.12E-07	3.09E-07	8.1199E-04
606807.8	4201248.22	46368.97177	0.02405	0.02434	0.09274	0.09434	0.08701	0.08627	7.90E-04	1.45E-07	1.48E-07	9.06E-07	9.18E-07	3.05E-07	3.01E-07	7.9256E-04
606827.8	4201248.22	45228.00435	0.0253	0.0256	0.0972	0.09896	0.08495	0.0842	7.71E-04	1.52E-07	1.56E-07	9.49E-07	9.62E-07	2.97E-07	2.94E-07	7.7321E-04
606847.8	4201248.22	44093.83007	0.02709	0.02731	0.10203	0.10384	0.08294	0.08219	7.52E-04	1.63E-07	1.67E-07	9.96E-07	1.01E-06	2.90E-07	2.87E-07	7.5400E-04
606867.8	4201248.22	42974.28077	0.02865	0.02895	0.10706	0.109	0.08099	0.08024	7.33E-04	1.73E-07	1.77E-07	1.05E-06	1.06E-06	2.84E-07	2.80E-07	7.3503E-04
606887.8	4201248.22	41868.09205	0.03038	0.03073	0.11263	0.11477	0.07909	0.07833	7.14E-04	1.83E-07	1.87E-07	1.10E-06	1.12E-06	2.77E-07	2.74E-07	7.1630E-04
606907.8	4201248.22	40785.38232	0.03215	0.03254	0.11887	0.12125	0.07725	0.07649	6.95E-04	1.94E-07	1.98E-07	1.16E-06	1.18E-06	2.70E-07	2.67E-07	6.9799E-04
606927.8	4201248.22	39726.07358	0.0341	0.0345	0.12581	0.12848	0.07545	0.07469	6.77E-04	2.05E-07	2.10E-07	1.23E-06	1.25E-06	2.64E-07	2.61E-07	6.8010E-04
606947.8	4201248.22	38696.72389	0.03623	0.03661	0.13346	0.13647	0.07371	0.07296	6.60E-04	2.18E-07	2.23E-07	1.30E-06	1.33E-06	2.58E-07	2.55E-07	6.6273E-04
606967.8	4201248.22	37692.12357	0.03863	0.039	0.14211	0.14556	0.07201	0.07126	6.43E-04	2.33E-07	2.38E-07	1.39E-06	1.42E-06	2.52E-07	2.49E-07	6.4580E-04
606987.8	4201248.22	36713.90946	0.04136	0.04172	0.15181	0.15575	0.07036	0.06961	6.26E-04	2.49E-07	2.54E-07	1.48E-06	1.51E-06	2.46E-07	2.43E-07	6.2936E-04
607007.8	4201248.22	35759.22588	0.04453	0.04486	0.1631	0.1676	0.06874	0.068	6.10E-04	2.68E-07	2.74E-07	1.59E-06	1.63E-06	2.41E-07	2.38E-07	6.1335E-04
607027.8	4201248.22	34832.42907	0.04812	0.04843	0.17602	0.1812	0.06717	0.06644	5.94E-04	2.90E-07	2.95E-07	1.72E-06	1.76E-06	2.35E-07	2.32E-07	5.9785E-04
607047.8	4201248.22	33937.47303	0.05208	0.05239	0.19058	0.19661	0.06565	0.06493	5.79E-04	3.14E-07	3.20E-07	1.86E-06	1.91E-06	2.30E-07	2.27E-07	5.8293E-04
607067.8	4201248.22	33071.32487	0.05646	0.0568	0.20734	0.21435	0.06418	0.06347	5.64E-04	3.40E-07	3.46E-07	2.02E-06	2.08E-06	2.25E-07	2.22E-07	5.6856E-04
607087.8	4201248.22	32229.44014	0.06138	0.06182	0.22707	0.23535	0.06274	0.06204	5.49E-04	3.70E-07	3.77E-07	2.22E-06	2.29E-06	2.20E-07	2.17E-07	5.5466E-04
607107.8	4201248.22	31414.85787	0.06672	0.06737	0.25041	0.26025	0.06135	0.06066	5.36E-04	4.02E-07	4.11E-07	2.45E-06	2.53E-06	2.15E-07	2.12E-07	5.4131E-04
607127.8	4201248.22	30623.2185	0.07259	0.07361	0.27877	0.29071	0.06	0.05931	5.22E-04	4.37E-07	4.49E-07	2.72E-06	2.83E-06	2.10E-07	2.07E-07	5.2846E-04
607147.8	4201248.22	29856.52695	0.07889	0.08047	0.31355	0.3283	0.05868	0.05801	5.09E-04	4.75E-07	4.91E-07	3.06E-06	3.19E-06	2.05E-07	2.03E-07	5.1618E-04
607167.8	4201248.22	29114.66282	0.08552	0.08793	0.35692	0.37565	0.0574	0.05674	4.96E-04	5.15E-07	5.36E-07	3.49E-06	3.65E-06	2.01E-07	1.98E-07	5.0450E-04
607187.8	4201248.22	28394.82085	0.09266	0.09618	0.4131	0.43773	0.05616	0.05551	4.84E-04	5.58E-07	5.87E-07	4.03E-06	4.26E-06	1.97E-07	1.94E-07	4.9348E-04
607207.8	4201248.22	27697.66138	0.10041	0.10522	0.48799	0.52184	0.05495	0.05431	4.72E-04	6.05E-07	6.42E-07	4.77E-06	5.08E-06	1.92E-07	1.90E-07	4.8324E-04
607227.8	4201248.22	27024.4462	0.10894	0.11503	0.59095	0.64002	0.05378	0.05314	4.61E-04	6.56E-07	7.02E-07	5.77E-06	6.22E-06	1.88E-07	1.86E-07	4.7403E-04
607247.8	4201248.22	26373.7891	0.11891	0.12616	0.74098	0.81719	0.05264	0.05202	4.50E-04	7.16E-07	7.70E-07	7.24E-06	7.95E-06	1.84E-07	1.82E-07	4.6626E-04
607267.8	4201248.22	25743.61222	0.13127	0.13982	0.98076	1.10993	0.05153	0.05092	4.39E-04	7.90E-07	8.53E-07	9.58E-06	1.08E-05	1.80E-07	1.78E-07	4.6086E-04
607287.8	4201248.22	25136.98998	0.14564	0.156	1.39624	1.64278	0.05045	0.04985	4.29E-04	8.77E-07	9.52E-07	1.36E-05	1.60E-05	1.77E-07	1.74E-07	4.5995E-04
607307.8	4201248.22	24549.94405	0.16239	0.17574	2.25472	2.82471	0.0494	0.04882	4.18E-04	9.78E-07	1.07E-06	2.20E-05	2.75E-05	1.73E-07	1.71E-07	4.7004E-04
606527.8	4201268.22	57888.05394	0.0135	0.01367	0.0556	0.05633	0.12725	0.12671	9.87E-04	8.13E-08	8.34E-08	5.43E-07	5.48E-07	4.46E-07	4.43E-07	9.8806E-04
606547.8	4201268.22	57040.30246	0.01393	0.01411	0.05724	0.05802	0.12399	0.12339	9.72E-04	8.39E-08	8.61E-08	5.59E-07	5.64E-07	4.34E-07	4.31E-07	9.7365E-04
606567.8	4201268.22	56185.07133	0.01439	0.01457	0.059	0.05981	0.12083	0.12017	9.58E-04	8.66E-08	8.89E-08	5.76E-07	5.82E-07	4.23E-07	4.20E-07	9.5911E-04
606587.8	4201268.22	55315.89912	0.01487	0.01506	0.06085	0.0617	0.11775	0.11705	9.43E-04	8.95E-08	9.19E-08	5.94E-07	6.00E-07	4.12E-07	4.09E-07	9.4434E-04
606607.8	4201268.22	54439.20148	0.01539	0.01559	0.06284	0.06374	0.11477	0.11404	9.28E-04	9.27E-08	9.51E-08	6.14E-07	6.20E-07	4.02E-07	3.99E-07	9.2944E-04
606627.8	4201268.22	53545.49811	0.01594	0.01614	0.06494	0.0659	0.11186	0.1111	9.13E-04	9.60E-08	9.85E-08	6.34E-07	6.41E-07	3.92E-07	3.88E-07	9.1425E-04
606647.8	4201268.22	52640.41397	0.01653	0.01674	0.0672	0.06823	0.10903	0.10824	8.97E-04	9.95E-08	1.02E-07	6.56E-07	6.64E-07	3.82E-07	3.78E-07	8.9887E-04
606667.8	4201268.22	51717.13405	0.01715	0.01737	0.0696	0.0707	0.10629	0.10548	8.82E-04	1.03E-07	1.06E-07	6.80E-07	6.88E-07	3.72E-07	3.69E-07	8.8319E-04
606687.8	4201268.22	50765.48468	0.01786	0.01808	0.07229	0.07346	0.10359	0.10277	8.65E-04	1.08E-07	1.10E-07	7.06E-07	7.14E-07	3.63E-07	3.59E-07	8.6703E-04
606707.8	4201268.22	49797.21152	0.0186	0.01882	0.0751	0.07635	0.101	0.10016	8.49E-04	1.12E-07	1.15E-07	7.33E-07	7.43E-07	3.54E-07	3.50E-07	8.5059E-04
606727.8	4201268.22	48802.4997	0.01941	0.01964	0.07818	0.07952	0.09845	0.09761	8.32E-04	1.17E-07	1.20E-07	7.63E-07	7.73E-07	3.45E-07	3.41E-07	8.3370E-04
606747.8	4201268.22	47787.54965	0.02031	0.02054	0.08152	0.08293	0.09598	0.09513	8.15E-04	1.22E-07	1.25E-07	7.96E-07	8.07E-07	3.36E-07	3.32E-07	8.1648E-04
606767.8	4201268.22	46766.39471	0.0212	0.02143	0.08494	0.08644	0.0936	0.09274	7.97E-04	1.28E-07	1.31E-07	8.29E-07	8.41E-07	3.28E-07	3.24E-07	7.9915E-04
606787.8	4201268.22	45727.19952	0.0222	0.02244	0.08869	0.09026	0.09127	0.09041	7.80E-04	1.34E-07	1.37E-07	8.66E-07	8.78E-07	3.20E-07	3.16E-07	7.8152E-04
606807.8	4201268.22	44675.18356	0.02334	0.02358	0.0928	0.09447	0.08901	0.08814	7.62E-04	1.41E-07	1.44E-07	9.06E-07	9.19E-07	3.12E-07	3.08E-07	7.6368E-04
606827.8	4201268.22	43623.51489	0.02456	0.0248	0.09723	0.0992	0.08681	0.08594	7.44E-04	1.48E-07	1.51E-07	9.50E-07	9.65E-07	3.04E-07	3.00E-07	7.4586E-04
606847.8	4201268.22	42575.86953	0.02623	0.02637	0.10229	0.10419	0.08468	0.08381	7.26E-04	1.58E-07	1.61E-07	9.99E-07	1.01E-06	2.96E-07	2.93E-07	7.2811E-04
606867.8	4201268.22	41537.66857	0.0278	0.02803	0.10732	0.10937	0.08261	0.08175	7.08E-04	1.67E-07	1.71E-07	1.05E-06	1.06E-06	2.89E-07	2.86E-07	7.1053E-04
606887.8	4201268.22	40512.06391	0.02944	0.02972	0.11291	0.11512	0.0806	0.07974	6.91E-04	1.77E-07	1.81E-07	1.10E-06	1.12E-06	2.82E-07	2.79E-07	6.9318E-04
606907.8	4201268.22	39504.88463	0.03115	0.03145	0.11917	0.12163	0.07865	0.0778	6.73E-04	1.88E-07	1.92E-07	1.16E-06	1.18E-06	2.75E-07	2.72E-07	6.7616E-04
606927.8	4201268.22	38518.29685	0.03304	0.03332	0.12613	0.12888	0.07676	0.07591	6.57E-04	1.99E-07	2.03E-07	1.23E-06	1.25E-06	2.69E-07	2.65E-07	6.5950E-04
606947.8	4201268.22	37554.2457	0.03513	0.03539	0.13391	0.137	0.07492	0.07409	6.40E-04	2.12E-07	2.16E-07	1.31E-06	1.33E-06	2.62E-07	2.59E-07	6.4325E-04
606967.8	4201268.22	36614.11027	0.03747	0.03771	0.14263	0.14613	0.07314	0.07231	6.24E-04	2.26E-07	2.30E-07	1.39E-06	1.42E-06	2.56E-07	2.53E-07	6.2742E-04
606987.8	4201268.22	35697.2852	0.04013	0.04034	0.15242	0.15642	0.0714	0.07059	6.09E-04	2.42E-07	2.46E-07	1.49E-06	1.52E-06	2.50E-07	2.47E-07	6.1202E-04
607007.8	4201268.22	34800.31664	0.0432	0.04338	0.16384	0.16851	0.06971	0.06891	5.93E-04	2.60E-07	2.65E-07	1.60E-06	1.64E-06	2.44E-07	2.41E-07	5.9700E-04
607027.8	4201268.22	33930.08316	0.04663	0.0468	0.17687	0.18226	0.06807	0.06728	5.78E-04	2.81E-07	2.85E-07	1.73E-06	1.77E-06	2.38E-07	2.35E-07	5.8247E-04
607047.8	4201268.22	33089.72181	0.05034	0.05052	0.19158	0.19786	0.06649	0.06571	5.64E-04	3.03E-07	3.08E-07	1.87E-06	1.92E-06	2.33E-07	2.30E-07	5.6848E-04
607067.8	4201268.22	32271.60541	0.05448	0.05473	0.20872	0.21611	0.06495	0.06418	5.50E-04	3.28E-07	3.34E-07	2.04E-06	2.10E-06	2.27E-07	2.24E-07	5.5493E-04
607087.8	4201268.22	31480.43791	0.05889	0.05929	0.22864	0.23732	0.06347	0.06271	5.37E-04	3.55E-07	3.62E-07	2.23E-06	2.31E-06	2.22E-07	2.19E-07	5.4190E-04
607107.8	4201268.22	30711.78514	0.06363	0.0643	0.2523	0.26265	0.06202	0.06128	5.24E-04	3.83E-07	3.92E-07	2.46E-06	2.55E-06	2.17E-07	2.14E-07	5.2933E-04
607127.8	4201268.22	29962.48147	0.06877	0.06987	0.28122	0.29384	0.06062	0.05988	5.11E-04	4.14E-07	4.26E-07	2.75E-06	2.86E-06	2.12E-07	2.09E-07	5.1721E-04
607147.8	4201268.22	29232.61732	0.07429	0.07602	0.3174	0.33301	0.05925	0.05853	4.98E-04	4.47E-07	4.64E-07	3.10E-06	3.24E-06	2.07E-07	2.05E-07	5.0557E-04
607167.8	4201268.22	28531.80552	0.0796	0.08214	0.36108	0.3808	0.05793	0.05723	4.86E-04	4.79E-07	5.01E-07	3.53E-06	3.70E-06	2.03E-07	2.00E-07	4.9459E-04
607187.8	4201268.22	27849.15478	0.08527	0.08876	0.41782	0.44363	0.05665	0.05596	4.75E-04	5.13E-07	5.41E-07	4.08E-06	4.31E-06	1.98E-07	1.96E-07	4.8419E-04
607207.8	4201268.22	27184.45247	0.09163	0.09608	0.49431	0.52963	0.0554	0.05472	4.63E-04	5.52E-07	5.86E-07	4.83E-06	5.15E-06	1.94E-07	1.91E-07	4.7452E-04
607227.8	4201268.22	26540.85957	0.09881	0.10408	0.59971	0.6508	0.05419	0.05352	4.52E-04	5.95E-07	6.35E-07	5.86E-06	6.33E-06	1.90E-07	1.87E-07	4.6585E-04
607247.8	4201268.22	25919.76289	0.10703	0.11301	0.75095	0.82959	0.05302	0.05237	4.42E-04	6.44E-07	6.89E-07	7.33E-06	8.07E-06	1.86E-07	1.83E-07	4.5858E-04
607267.8	4201268.22	25315.65215	0.11727	0.12423	0.99142	1.12154	0.05188	0.05124	4.32E-04	7.06E-07	7.58E-07	9.68E-06	1.09E-05	1.82E-07	1.79E-07	4.5360E-04
607287.8	4201268.22	24733.56025	0.12866	0.13714	1.40498	1.65468	0.05078	0.05015	4.22E-04	7.75E-07	8.37E-07	1.37E-05	1.61E-05	1.78E-07	1.75E-07	4.5305E-04
607307.8	4201268.22	24171.1412	0.1417	0.15214	2.25491	2.83758	0.04971	0.04909	4.12E-04	8.53E-07	9.28E-07	2.20E-05	2.76E-05	1.74E-07	1.72E-07	4.6344E-04
606527.8	4201288.22	55346.23773	0.0131	0.01326	0.05561	0.05636	0.13232	0.1315	9.43E-04	7.89E-08	8.09E-08	5.43E-07	5.48E-07	4.63E-07	4.60E-07	9.4473E-04
606547.8	4201288.22	54552.52443	0.01354	0.0137	0.0573	0.05809	0.1287	0.12786	9.30E-04	8.15E-08	8.36E-08	5.60E-07	5.65E-07	4.51E-07	4.47E-07	9.3124E-04
606567.8	4201288.22	53749.8736	0.014	0.01417	0.05908	0.05991	0.12523	0.12433	9.16E-04	8.43E-08	8.64E-08	5.77E-07	5.83E-07	4.38E-07	4.34E-07	9.1759E-04
606587.8	4201288.22	52931.30649	0.0145	0.01467	0.061	0.06188	0.12184	0.12092	9.02E-04	8.73E-08	8.95E-08	5.96E-07	6.02E-07	4.27E-07	4.23E-07	9.0368E-04
606607.8	4201288.22	52109.44856	0.01502	0.0152	0.06301	0.06394	0.11858	0.11762	8.88E-04	9.04E-08	9.27E-08	6.15E-07	6.22E-07	4.15E-07	4.11E-07	8.8972E-04
606627.8	4201288.22	51275.79033	0.01556	0.01573	0.0651	0.06609	0.11541	0.11445	8.74E-04	9.37E-08	9.60E-08	6.36E-07	6.43E-07	4.04E-07	4.00E-07	8.7556E-04
606647.8	4201288.22	50434.76436	0.01612	0.0163	0.06733	0.06838	0.11234	0.11137	8.60E-04	9.71E-08	9.94E-08	6.58E-07	6.65E-07	3.93E-07	3.89E-07	8.6127E-04
606667.8	4201288.22	49574.09535	0.01675	0.01693	0.06976	0.07088	0.10936	0.10838	8.45E-04	1.01E-07	1.03E-07	6.81E-07	6.89E-07	3.83E-07	3.79E-07	8.4665E-04
606687.8	4201288.22	48695.81118	0.01742	0.0176	0.07237	0.07358	0.10648	0.10549	8.30E-04	1.05E-07	1.07E-07	7.07E-07	7.16E-07	3.73E-07	3.69E-07	8.3174E-04
606707.8	4201288.22	47794.60205	0.01817	0.01835	0.07525	0.07654	0.10366	0.10267	8.15E-04	1.09E-07	1.12E-07	7.35E-07	7.44E-07	3.63E-07	3.59E-07	8.1645E-04
606727.8	4201288.22	46882.85942	0.01893	0.01912	0.07825	0.07962	0.10095	0.09995	7.99E-04	1.14E-07	1.17E-07	7.64E-07	7.74E-07	3.53E-07	3.49E-07	8.0097E-04
606747.8	4201288.22	45948.93938	0.01979	0.01997	0.08154	0.083	0.09831	0.09731	7.83E-04	1.19E-07	1.22E-07	7.96E-07	8.07E-07	3.44E-07	3.40E-07	7.8513E-04
606767.8	4201288.22	45005.34021	0.02069	0.02087	0.08501	0.08656	0.09576	0.09476	7.67E-04	1.25E-07	1.27E-07	8.30E-07	8.42E-07	3.35E-07	3.31E-07	7.6912E-04
606787.8	4201288.22	44049.95446	0.02165	0.02183	0.08872	0.09035	0.0933	0.0923	7.51E-04	1.30E-07	1.33E-07	8.66E-07	8.79E-07	3.27E-07	3.23E-07	7.5292E-04
606807.8	4201288.22	43085.03792	0.02272	0.0229	0.09275	0.09448	0.0909	0.08991	7.34E-04	1.37E-07	1.40E-07	9.06E-07	9.19E-07	3.18E-07	3.14E-07	7.3656E-04
606827.8	4201288.22	42113.93921	0.0239	0.02408	0.09715	0.09899	0.08857	0.08759	7.18E-04	1.44E-07	1.47E-07	9.49E-07	9.63E-07	3.10E-07	3.06E-07	7.2011E-04
606847.8	4201288.22	41142.05591	0.02551	0.02543	0.10235	0.10447	0.08631	0.08534	7.01E-04	1.54E-07	1.55E-07	1.00E-06	1.02E-06	3.02E-07	2.98E-07	7.0366E-04
606867.8	4201288.22	40180.32147	0.027	0.02717	0.1075	0.10962	0.08413	0.08317	6.85E-04	1.63E-07	1.66E-07	1.05E-06	1.07E-06	2.95E-07	2.91E-07	6.8739E-04
606887.8	4201288.22	39227.73622	0.02857	0.02877	0.11309	0.11541	0.08202	0.08106	6.69E-04	1.72E-07	1.75E-07	1.10E-06	1.12E-06	2.87E-07	2.83E-07	6.7128E-04
606907.8	4201288.22	38286.92351	0.03027	0.03048	0.1193	0.12181	0.07996	0.07902	6.53E-04	1.82E-07	1.86E-07	1.17E-06	1.18E-06	2.80E-07	2.76E-07	6.5539E-04
606927.8	4201288.22	37363.82174	0.03213	0.03232	0.12631	0.12912	0.07797	0.07704	6.37E-04	1.93E-07	1.97E-07	1.23E-06	1.26E-06	2.73E-07	2.69E-07	6.3981E-04
606947.8	4201288.22	36460.18446	0.0342	0.03435	0.13415	0.13731	0.07604	0.07513	6.22E-04	2.06E-07	2.10E-07	1.31E-06	1.34E-06	2.66E-07	2.63E-07	6.2459E-04
606967.8	4201288.22	35579.70799	0.03648	0.03661	0.1428	0.14637	0.07418	0.07328	6.07E-04	2.20E-07	2.23E-07	1.39E-06	1.42E-06	2.60E-07	2.56E-07	6.0978E-04
606987.8	4201288.22	34718.30434	0.03907	0.03916	0.15272	0.15685	0.07237	0.07148	5.92E-04	2.35E-07	2.39E-07	1.49E-06	1.53E-06	2.53E-07	2.50E-07	5.9533E-04
607007.8	4201288.22	33875.47815	0.04203	0.04209	0.1642	0.16896	0.07061	0.06973	5.77E-04	2.53E-07	2.57E-07	1.60E-06	1.64E-06	2.47E-07	2.44E-07	5.8123E-04
607027.8	4201288.22	33057.65396	0.04527	0.04534	0.17727	0.18281	0.0689	0.06804	5.64E-04	2.73E-07	2.77E-07	1.73E-06	1.78E-06	2.41E-07	2.38E-07	5.6759E-04
607047.8	4201288.22	32266.45464	0.04874	0.04886	0.1921	0.19853	0.06726	0.06642	5.50E-04	2.93E-07	2.98E-07	1.88E-06	1.93E-06	2.35E-07	2.32E-07	5.5444E-04
607067.8	4201288.22	31496.07397	0.05252	0.05275	0.20939	0.21696	0.06567	0.06484	5.37E-04	3.16E-07	3.22E-07	2.04E-06	2.11E-06	2.30E-07	2.27E-07	5.4170E-04
607087.8	4201288.22	30747.41327	0.05654	0.05698	0.22969	0.23869	0.06412	0.06331	5.24E-04	3.40E-07	3.48E-07	2.24E-06	2.32E-06	2.25E-07	2.21E-07	5.2940E-04
607107.8	4201288.22	30021.40233	0.0607	0.06146	0.25367	0.26451	0.06263	0.06183	5.12E-04	3.65E-07	3.75E-07	2.48E-06	2.57E-06	2.19E-07	2.16E-07	5.1756E-04
607127.8	4201288.22	29310.07201	0.0652	0.06644	0.28345	0.29666	0.06117	0.06039	5.00E-04	3.93E-07	4.05E-07	2.77E-06	2.89E-06	2.14E-07	2.11E-07	5.0609E-04
607147.8	4201288.22	28618.72322	0.06983	0.07172	0.32028	0.33677	0.05976	0.05899	4.88E-04	4.20E-07	4.37E-07	3.13E-06	3.28E-06	2.09E-07	2.06E-07	4.9512E-04
607167.8	4201288.22	27951.60524	0.07433	0.07696	0.36549	0.38646	0.0584	0.05765	4.76E-04	4.48E-07	4.69E-07	3.57E-06	3.76E-06	2.04E-07	2.01E-07	4.8473E-04
607187.8	4201288.22	27305.65772	0.07884	0.0822	0.42267	0.44996	0.05708	0.05635	4.65E-04	4.75E-07	5.01E-07	4.13E-06	4.38E-06	2.00E-07	1.97E-07	4.7495E-04
607207.8	4201288.22	26674.92318	0.08401	0.088	0.49968	0.53676	0.0558	0.05508	4.55E-04	5.06E-07	5.37E-07	4.88E-06	5.22E-06	1.95E-07	1.92E-07	4.6587E-04
607227.8	4201288.22	26059.69848	0.09031	0.0948	0.60809	0.66023	0.05456	0.05385	4.44E-04	5.44E-07	5.78E-07	5.94E-06	6.42E-06	1.91E-07	1.88E-07	4.5772E-04
607247.8	4201288.22	25465.75789	0.09736	0.10242	0.76149	0.83973	0.05335	0.05266	4.34E-04	5.86E-07	6.25E-07	7.44E-06	8.17E-06	1.87E-07	1.84E-07	4.5092E-04
607267.8	4201288.22	24891.09916	0.10543	0.11128	0.9991	1.12983	0.05219	0.05152	4.24E-04	6.35E-07	6.79E-07	9.76E-06	1.10E-05	1.83E-07	1.80E-07	4.4637E-04
607287.8	4201288.22	24332.79017	0.11476	0.12172	1.41168	1.66418	0.05106	0.0504	4.15E-04	6.91E-07	7.42E-07	1.38E-05	1.62E-05	1.79E-07	1.76E-07	4.4620E-04
607307.8	4201288.22	23792.69769	0.12528	0.13368	2.25161	2.84877	0.04997	0.04932	4.06E-04	7.54E-07	8.15E-07	2.20E-05	2.77E-05	1.75E-07	1.72E-07	4.5685E-04

606527.8	4201308.22	52989.82844	0.01275	0.0129	0.05564	0.05641	0.13724	0.13615	9.03E-04	7.68E-08	7.87E-08	5.43E-07	5.49E-07	4.81E-07	4.76E-07	9.0455E-04
606547.8	4201308.22	52246.56561	0.01319	0.01333	0.05734	0.05815	0.13328	0.13217	8.91E-04	7.94E-08	8.13E-08	5.60E-07	5.66E-07	4.67E-07	4.62E-07	8.9192E-04
606567.8	4201308.22	51488.57357	0.01367	0.01382	0.05922	0.06007	0.12946	0.12832	8.78E-04	8.23E-08	8.43E-08	5.78E-07	5.84E-07	4.53E-07	4.48E-07	8.7904E-04
606587.8	4201308.22	50718.59762	0.01419	0.01434	0.06119	0.06209	0.12579	0.12462	8.65E-04	8.54E-08	8.75E-08	5.98E-07	6.04E-07	4.40E-07	4.35E-07	8.6596E-04
606607.8	4201308.22	49952.50461	0.01469	0.01484	0.06316	0.06412	0.12225	0.12108	8.52E-04	8.85E-08	9.05E-08	6.17E-07	6.24E-07	4.28E-07	4.23E-07	8.5295E-04
606627.8	4201308.22	49166.76446	0.01525	0.0154	0.06534	0.06635	0.11881	0.11764	8.38E-04	9.18E-08	9.39E-08	6.38E-07	6.45E-07	4.16E-07	4.11E-07	8.3961E-04
606647.8	4201308.22	48380.16182	0.01582	0.01597	0.06758	0.06866	0.1155	0.11433	8.25E-04	9.53E-08	9.74E-08	6.60E-07	6.68E-07	4.04E-07	4.00E-07	8.2625E-04
606667.8	4201308.22	47583.14379	0.01641	0.01656	0.06994	0.07109	0.11231	0.11113	8.11E-04	9.88E-08	1.01E-07	6.83E-07	6.91E-07	3.93E-07	3.88E-07	8.1271E-04
606687.8	4201308.22	46770.20399	0.01705	0.0172	0.07249	0.07372	0.10921	0.10804	7.97E-04	1.03E-07	1.05E-07	7.08E-07	7.17E-07	3.82E-07	3.78E-07	7.9892E-04
606707.8	4201308.22	45938.79566	0.01776	0.01791	0.07529	0.07661	0.10622	0.10505	7.83E-04	1.07E-07	1.09E-07	7.35E-07	7.45E-07	3.72E-07	3.67E-07	7.8481E-04
606727.8	4201308.22	45093.60996	0.01852	0.01866	0.07828	0.07969	0.10332	0.10216	7.69E-04	1.12E-07	1.14E-07	7.64E-07	7.75E-07	3.62E-07	3.57E-07	7.7047E-04
606747.8	4201308.22	44227.5107	0.01937	0.01952	0.08159	0.08309	0.10051	0.09936	7.54E-04	1.17E-07	1.19E-07	7.97E-07	8.08E-07	3.52E-07	3.47E-07	7.5578E-04
606767.8	4201308.22	43357.16402	0.02024	0.02038	0.08502	0.08661	0.09781	0.09667	7.39E-04	1.22E-07	1.24E-07	8.30E-07	8.42E-07	3.42E-07	3.38E-07	7.4102E-04
606787.8	4201308.22	42475.98326	0.02118	0.02131	0.08869	0.09037	0.0952	0.09407	7.24E-04	1.28E-07	1.30E-07	8.66E-07	8.79E-07	3.33E-07	3.29E-07	7.2608E-04
606807.8	4201308.22	41586.94965	0.02219	0.02232	0.09265	0.09444	0.09267	0.09156	7.09E-04	1.34E-07	1.36E-07	9.05E-07	9.19E-07	3.24E-07	3.20E-07	7.1102E-04
606827.8	4201308.22	40686.54817	0.02335	0.02347	0.09707	0.09897	0.09022	0.08912	6.94E-04	1.41E-07	1.43E-07	9.48E-07	9.63E-07	3.16E-07	3.11E-07	6.9577E-04
606847.8	4201308.22	39788.50074	0.02462	0.02473	0.10209	0.1044	0.08784	0.08676	6.78E-04	1.48E-07	1.51E-07	9.97E-07	1.02E-06	3.08E-07	3.03E-07	6.8058E-04
606867.8	4201308.22	38892.56869	0.02633	0.02643	0.10761	0.10976	0.08555	0.08448	6.63E-04	1.59E-07	1.61E-07	1.05E-06	1.07E-06	3.00E-07	2.95E-07	6.6543E-04
606887.8	4201308.22	38006.8643	0.02781	0.02794	0.11314	0.11546	0.08333	0.08228	6.48E-04	1.67E-07	1.70E-07	1.10E-06	1.12E-06	2.92E-07	2.88E-07	6.5046E-04
606907.8	4201308.22	37129.25556	0.02949	0.02962	0.11924	0.1218	0.08118	0.08015	6.33E-04	1.78E-07	1.81E-07	1.16E-06	1.18E-06	2.84E-07	2.80E-07	6.3564E-04
606927.8	4201308.22	36266.39123	0.03131	0.0314	0.1262	0.12906	0.0791	0.07809	6.18E-04	1.89E-07	1.92E-07	1.23E-06	1.26E-06	2.77E-07	2.73E-07	6.2109E-04
606947.8	4201308.22	35416.60888	0.03336	0.03342	0.13407	0.13732	0.07708	0.07609	6.04E-04	2.01E-07	2.04E-07	1.31E-06	1.34E-06	2.70E-07	2.66E-07	6.0679E-04
606967.8	4201308.22	34590.75302	0.03558	0.03561	0.14273	0.14635	0.07514	0.07416	5.90E-04	2.14E-07	2.17E-07	1.39E-06	1.42E-06	2.63E-07	2.59E-07	5.9291E-04
606987.8	4201308.22	33776.91347	0.03814	0.03815	0.15277	0.15694	0.07325	0.07229	5.76E-04	2.30E-07	2.33E-07	1.49E-06	1.53E-06	2.56E-07	2.53E-07	5.7927E-04
607007.8	4201308.22	32985.06689	0.04095	0.04094	0.16423	0.16903	0.07142	0.07048	5.62E-04	2.47E-07	2.50E-07	1.60E-06	1.64E-06	2.50E-07	2.46E-07	5.6603E-04
607027.8	4201308.22	32215.39909	0.04399	0.04401	0.17722	0.18282	0.06966	0.06873	5.49E-04	2.65E-07	2.68E-07	1.73E-06	1.78E-06	2.44E-07	2.40E-07	5.5321E-04
607047.8	4201308.22	31470.15759	0.04718	0.04728	0.19205	0.19855	0.06796	0.06705	5.36E-04	2.84E-07	2.88E-07	1.88E-06	1.93E-06	2.38E-07	2.34E-07	5.4084E-04
607067.8	4201308.22	30741.38136	0.05063	0.0509	0.20959	0.21719	0.06631	0.06542	5.24E-04	3.05E-07	3.10E-07	2.05E-06	2.11E-06	2.32E-07	2.29E-07	5.2882E-04
607087.8	4201308.22	30033.43263	0.05421	0.05474	0.2301	0.23926	0.06471	0.06384	5.12E-04	3.26E-07	3.34E-07	2.25E-06	2.33E-06	2.27E-07	2.23E-07	5.1721E-04
607107.8	4201308.22	29341.43703	0.05798	0.05888	0.25498	0.2661	0.06316	0.06231	5.00E-04	3.49E-07	3.59E-07	2.49E-06	2.59E-06	2.21E-07	2.18E-07	5.0596E-04
607127.8	4201308.22	28670.5142	0.06171	0.06311	0.2848	0.29851	0.06166	0.06083	4.89E-04	3.72E-07	3.85E-07	2.78E-06	2.90E-06	2.16E-07	2.13E-07	4.9518E-04
607147.8	4201308.22	28014.78269	0.06559	0.06759	0.32225	0.33948	0.06021	0.0594	4.78E-04	3.95E-07	4.12E-07	3.15E-06	3.30E-06	2.11E-07	2.08E-07	4.8482E-04
607167.8	4201308.22	27377.36643	0.06957	0.07219	0.36946	0.3914	0.0588	0.05801	4.67E-04	4.19E-07	4.40E-07	3.61E-06	3.81E-06	2.06E-07	2.03E-07	4.7497E-04
607187.8	4201308.22	26764.64532	0.07334	0.07647	0.42761	0.4563	0.05745	0.05668	4.56E-04	4.42E-07	4.66E-07	4.18E-06	4.44E-06	2.01E-07	1.98E-07	4.6577E-04
607207.8	4201308.22	26166.58742	0.07769	0.0812	0.50504	0.54345	0.05614	0.05538	4.46E-04	4.68E-07	4.95E-07	4.93E-06	5.29E-06	1.97E-07	1.94E-07	4.5724E-04
607227.8	4201308.22	25581.48815	0.08284	0.08675	0.61169	0.66554	0.05487	0.05413	4.36E-04	4.99E-07	5.29E-07	5.97E-06	6.47E-06	1.92E-07	1.89E-07	4.4956E-04
607247.8	4201308.22	25014.88569	0.08878	0.09309	0.76579	0.84623	0.05364	0.05291	4.26E-04	5.35E-07	5.68E-07	7.48E-06	8.23E-06	1.88E-07	1.85E-07	4.4324E-04
607267.8	4201308.22	24466.15686	0.09557	0.10049	1.00584	1.13766	0.05245	0.05174	4.17E-04	5.75E-07	6.13E-07	9.82E-06	1.11E-05	1.84E-07	1.81E-07	4.3915E-04
607287.8	4201308.22	23933.18899	0.10327	0.10905	1.42235	1.67258	0.0513	0.0506	4.08E-04	6.22E-07	6.65E-07	1.39E-05	1.63E-05	1.80E-07	1.77E-07	4.3943E-04
607307.8	4201308.22	23416.1193	0.11189	0.11877	2.26925	2.85812	0.05018	0.04951	3.99E-04	6.74E-07	7.24E-07	2.22E-05	2.78E-05	1.76E-07	1.73E-07	4.5053E-04
606527.8	4201328.22	50796.01254	0.01245	0.01257	0.0557	0.05649	0.142	0.14062	8.66E-04	7.50E-08	7.67E-08	5.44E-07	5.49E-07	4.97E-07	4.91E-07	8.6715E-04
606547.8	4201328.22	50096.57677	0.01289	0.01302	0.05746	0.05829	0.13768	0.13631	8.54E-04	7.76E-08	7.94E-08	5.61E-07	5.67E-07	4.82E-07	4.76E-07	8.5527E-04
606567.8	4201328.22	49383.74664	0.01339	0.01352	0.05938	0.06026	0.13355	0.13215	8.42E-04	8.06E-08	8.25E-08	5.80E-07	5.86E-07	4.68E-07	4.62E-07	8.4316E-04
606587.8	4201328.22	48653.39935	0.01394	0.01407	0.06147	0.06239	0.12955	0.12815	8.29E-04	8.39E-08	8.58E-08	6.00E-07	6.07E-07	4.54E-07	4.48E-07	8.3076E-04
606607.8	4201328.22	47921.54507	0.01451	0.01464	0.06362	0.06459	0.12569	0.1243	8.17E-04	8.74E-08	8.93E-08	6.21E-07	6.28E-07	4.40E-07	4.34E-07	8.1834E-04
606627.8	4201328.22	47187.4174	0.01506	0.01519	0.06577	0.0668	0.122	0.12061	8.04E-04	9.07E-08	9.27E-08	6.42E-07	6.50E-07	4.27E-07	4.21E-07	8.0587E-04
606647.8	4201328.22	46459.40334	0.0156	0.01572	0.06794	0.06904	0.11846	0.11709	7.92E-04	9.39E-08	9.59E-08	6.63E-07	6.71E-07	4.15E-07	4.09E-07	7.9351E-04
606667.8	4201328.22	45720.32219	0.01617	0.01629	0.07025	0.07142	0.11506	0.1137	7.79E-04	9.74E-08	9.94E-08	6.86E-07	6.95E-07	4.03E-07	3.97E-07	7.8096E-04
606687.8	4201328.22	44968.52934	0.01677	0.01689	0.07273	0.07398	0.11178	0.11044	7.67E-04	1.01E-07	1.03E-07	7.10E-07	7.20E-07	3.91E-07	3.86E-07	7.6820E-04
606707.8	4201328.22	44207.13161	0.01741	0.01752	0.07533	0.07667	0.10863	0.1073	7.54E-04	1.05E-07	1.07E-07	7.36E-07	7.46E-07	3.80E-07	3.75E-07	7.5528E-04
606727.8	4201328.22	43422.24791	0.01816	0.01826	0.0783	0.07974	0.10555	0.10424	7.40E-04	1.09E-07	1.11E-07	7.65E-07	7.76E-07	3.70E-07	3.64E-07	7.4197E-04
606747.8	4201328.22	42623.25466	0.01897	0.01907	0.08151	0.08304	0.10259	0.1013	7.27E-04	1.14E-07	1.16E-07	7.96E-07	8.08E-07	3.59E-07	3.54E-07	7.2842E-04
606767.8	4201328.22	41810.0245	0.01987	0.01997	0.08504	0.08666	0.09972	0.09845	7.13E-04	1.20E-07	1.22E-07	8.30E-07	8.43E-07	3.49E-07	3.44E-07	7.1464E-04
606787.8	4201328.22	40991.04889	0.0208	0.02089	0.08873	0.09046	0.09696	0.09571	6.99E-04	1.25E-07	1.27E-07	8.67E-07	8.80E-07	3.39E-07	3.34E-07	7.0077E-04
606807.8	4201328.22	40168.72803	0.02179	0.02187	0.09265	0.09448	0.09431	0.09308	6.85E-04	1.31E-07	1.33E-07	9.05E-07	9.19E-07	3.30E-07	3.25E-07	6.8684E-04
606827.8	4201328.22	39338.3968	0.02288	0.02295	0.09694	0.09893	0.09174	0.09053	6.71E-04	1.38E-07	1.40E-07	9.47E-07	9.62E-07	3.21E-07	3.16E-07	6.7278E-04
606847.8	4201328.22	38504.28695	0.02411	0.02417	0.10191	0.10429	0.08926	0.08807	6.56E-04	1.45E-07	1.47E-07	9.95E-07	1.01E-06	3.13E-07	3.08E-07	6.5868E-04
606867.8	4201328.22	37671.9849	0.02571	0.02574	0.10746	0.10968	0.08686	0.08569	6.42E-04	1.55E-07	1.57E-07	1.05E-06	1.07E-06	3.04E-07	2.99E-07	6.4462E-04
606887.8	4201328.22	36843.9159	0.0272	0.02727	0.11306	0.11544	0.08454	0.08339	6.28E-04	1.64E-07	1.66E-07	1.10E-06	1.12E-06	2.96E-07	2.91E-07	6.3063E-04
606907.8	4201328.22	36026.34236	0.02883	0.02886	0.11913	0.12173	0.0823	0.08118	6.14E-04	1.74E-07	1.76E-07	1.16E-06	1.18E-06	2.88E-07	2.84E-07	6.1683E-04
606927.8	4201328.22	35218.30183	0.03061	0.03061	0.12598	0.12886	0.08014	0.07904	6.00E-04	1.84E-07	1.87E-07	1.23E-06	1.25E-06	2.81E-07	2.76E-07	6.0321E-04
606947.8	4201328.22	34422.36825	0.0326	0.03258	0.13377	0.137	0.07804	0.07696	5.87E-04	1.96E-07	1.99E-07	1.31E-06	1.33E-06	2.73E-07	2.69E-07	5.8983E-04
606967.8	4201328.22	33641.97697	0.0348	0.03475	0.14243	0.14612	0.07602	0.07496	5.73E-04	2.10E-07	2.12E-07	1.39E-06	1.42E-06	2.66E-07	2.62E-07	5.7672E-04
606987.8	4201328.22	32879.16098	0.03721	0.03716	0.15239	0.15657	0.07406	0.07303	5.60E-04	2.24E-07	2.27E-07	1.49E-06	1.52E-06	2.59E-07	2.55E-07	5.6395E-04
607007.8	4201328.22	32131.5553	0.03988	0.03984	0.16379	0.16859	0.07217	0.07116	5.48E-04	2.40E-07	2.43E-07	1.60E-06	1.64E-06	2.53E-07	2.49E-07	5.5146E-04
607027.8	4201328.22	31402.51103	0.04275	0.04277	0.17685	0.18242	0.07034	0.06935	5.35E-04	2.57E-07	2.61E-07	1.73E-06	1.77E-06	2.46E-07	2.42E-07	5.3933E-04
607047.8	4201328.22	30700.42439	0.04563	0.04577	0.19152	0.19799	0.06859	0.06762	5.23E-04	2.75E-07	2.79E-07	1.87E-06	1.93E-06	2.40E-07	2.36E-07	5.2769E-04
607067.8	4201328.22	30011.2404	0.04871	0.04906	0.20906	0.21661	0.06688	0.06594	5.12E-04	2.93E-07	2.99E-07	2.04E-06	2.11E-06	2.34E-07	2.30E-07	5.1634E-04
607087.8	4201328.22	29336.34107	0.05195	0.0526	0.23008	0.23923	0.06523	0.06431	5.00E-04	3.13E-07	3.21E-07	2.25E-06	2.33E-06	2.28E-07	2.25E-07	5.0530E-04
607107.8	4201328.22	28680.65049	0.05518	0.05623	0.25517	0.2664	0.06363	0.06273	4.89E-04	3.32E-07	3.43E-07	2.49E-06	2.59E-06	2.23E-07	2.19E-07	4.9467E-04
607127.8	4201328.22	28039.0498	0.05852	0.06006	0.28624	0.30028	0.06208	0.0612	4.78E-04	3.52E-07	3.66E-07	2.80E-06	2.92E-06	2.17E-07	2.14E-07	4.8441E-04
607147.8	4201328.22	27414.45181	0.06182	0.06393	0.32419	0.34159	0.06058	0.05973	4.67E-04	3.72E-07	3.90E-07	3.17E-06	3.32E-06	2.12E-07	2.09E-07	4.7458E-04
607167.8	4201328.22	26808.06443	0.06493	0.06751	0.37016	0.39253	0.05914	0.0583	4.57E-04	3.91E-07	4.12E-07	3.61E-06	3.82E-06	2.07E-07	2.04E-07	4.6523E-04
607187.8	4201328.22	26227.34356	0.06815	0.07106	0.42831	0.45782	0.05776	0.05694	4.47E-04	4.10E-07	4.33E-07	4.18E-06	4.45E-06	2.02E-07	1.99E-07	4.5657E-04
607207.8	4201328.22	25662.1753	0.07184	0.07496	0.50495	0.5451	0.05642	0.05563	4.37E-04	4.33E-07	4.57E-07	4.93E-06	5.30E-06	1.98E-07	1.94E-07	4.4858E-04
607227.8	4201328.22	25107.33104	0.07625	0.07957	0.61066	0.66734	0.05513	0.05435	4.28E-04	4.59E-07	4.85E-07	5.96E-06	6.49E-06	1.93E-07	1.90E-07	4.4140E-04
607247.8	4201328.22	24568.05127	0.08136	0.08502	0.76392	0.84844	0.05387	0.05312	4.19E-04	4.90E-07	5.19E-07	7.46E-06	8.25E-06	1.89E-07	1.86E-07	4.3553E-04
607267.8	4201328.22	24043.62376	0.08714	0.09133	1.00369	1.14056	0.05266	0.05192	4.10E-04	5.25E-07	5.57E-07	9.80E-06	1.11E-05	1.84E-07	1.81E-07	4.3184E-04
607287.8	4201328.22	23536.9656	0.0936	0.09844	1.42281	1.67688	0.05149	0.05077	4.01E-04	5.64E-07	6.00E-07	1.39E-05	1.63E-05	1.80E-07	1.77E-07	4.3260E-04
607307.8	4201328.22	23041.53433	0.10081	0.1065	2.28533	2.86435	0.05035	0.04965	3.93E-04	6.07E-07	6.50E-07	2.23E-05	2.79E-05	1.76E-07	1.74E-07	4.4422E-04
606527.8	4201348.22	48745.46806	0.01219	0.0123	0.05583	0.05664	0.14657	0.1449	8.31E-04	7.34E-08	7.50E-08	5.45E-07	5.51E-07	5.13E-07	5.06E-07	8.3220E-04
606547.8	4201348.22	48079.83078	0.01269	0.0128	0.05776	0.05861	0.1419	0.14022	8.20E-04	7.64E-08	7.81E-08	5.64E-07	5.70E-07	4.97E-07	4.90E-07	8.2090E-04
606567.8	4201348.22	47396.21519	0.01325	0.01336	0.05986	0.06075	0.13739	0.13574	8.08E-04	7.98E-08	8.15E-08	5.85E-07	5.91E-07	4.81E-07	4.74E-07	8.0929E-04
606587.8	4201348.22	46707.73727	0.01381	0.01392	0.06196	0.0629	0.13307	0.13143	7.96E-04	8.32E-08	8.49E-08	6.05E-07	6.12E-07	4.66E-07	4.59E-07	7.9760E-04
606607.8	4201348.22	46020.01089	0.01438	0.01449	0.0641	0.06509	0.12892	0.12731	7.84E-04	8.66E-08	8.84E-08	6.26E-07	6.33E-07	4.51E-07	4.45E-07	7.8593E-04
606627.8	4201348.22	45336.98364	0.01492	0.01502	0.06622	0.06728	0.12499	0.1234	7.73E-04	8.98E-08	9.16E-08	6.47E-07	6.54E-07	4.38E-07	4.31E-07	7.7433E-04
606647.8	4201348.22	44659.49262	0.01544	0.01555	0.06837	0.06949	0.12124	0.11967	7.61E-04	9.30E-08	9.49E-08	6.68E-07	6.76E-07	4.24E-07	4.18E-07	7.6283E-04
606667.8	4201348.22	43972.79474	0.016	0.0161	0.07065	0.07185	0.11764	0.11609	7.50E-04	9.63E-08	9.82E-08	6.90E-07	6.99E-07	4.12E-07	4.06E-07	7.5118E-04
606687.8	4201348.22	43274.13587	0.0166	0.01669	0.0731	0.07438	0.11416	0.11264	7.38E-04	1.00E-07	1.02E-07	7.14E-07	7.23E-07	4.00E-07	3.94E-07	7.3932E-04
606707.8	4201348.22	42571.4451	0.0172	0.01728	0.07563	0.07699	0.11084	0.10935	7.26E-04	1.04E-07	1.05E-07	7.39E-07	7.49E-07	3.88E-07	3.82E-07	7.2740E-04
606727.8	4201348.22	41853.33624	0.01787	0.01794	0.07838	0.07984	0.10763	0.10617	7.13E-04	1.08E-07	1.09E-07	7.65E-07	7.77E-07	3.77E-07	3.71E-07	7.1522E-04
606747.8	4201348.22	41118.90725	0.01861	0.01868	0.08142	0.08298	0.10453	0.10309	7.01E-04	1.12E-07	1.14E-07	7.95E-07	8.07E-07	3.66E-07	3.60E-07	7.0277E-04
606767.8	4201348.22	40361.91255	0.0195	0.01957	0.08494	0.0866	0.10151	0.1001	6.88E-04	1.17E-07	1.19E-07	8.29E-07	8.42E-07	3.55E-07	3.50E-07	6.8995E-04
606787.8	4201348.22	39598.64987	0.02044	0.02049	0.08867	0.09043	0.09861	0.09723	6.75E-04	1.23E-07	1.25E-07	8.66E-07	8.80E-07	3.45E-07	3.40E-07	6.7702E-04
606807.8	4201348.22	38825.84019	0.02149	0.02153	0.09296	0.0951	0.09581	0.09446	6.62E-04	1.29E-07	1.31E-07	9.08E-07	9.25E-07	3.35E-07	3.30E-07	6.6395E-04
606827.8	4201348.22	38058.33762	0.02253	0.02256	0.09714	0.09941	0.09314	0.09181	6.49E-04	1.36E-07	1.38E-07	9.49E-07	9.67E-07	3.26E-07	3.21E-07	6.5096E-04
606847.8	4201348.22	37286.46124	0.02384	0.02371	0.1018	0.1042	0.09055	0.08926	6.36E-04	1.44E-07	1.45E-07	9.94E-07	1.01E-06	3.17E-07	3.12E-07	6.3791E-04
606867.8	4201348.22	36510.95075	0.02522	0.02522	0.10725	0.1095	0.08805	0.08678	6.22E-04	1.52E-07	1.54E-07	1.05E-06	1.06E-06	3.08E-07	3.03E-07	6.2481E-04
606887.8	4201348.22	35738.63722	0.02666	0.02666	0.11285	0.11528	0.08564	0.0844	6.09E-04	1.61E-07	1.63E-07	1.10E-06	1.12E-06	3.00E-07	2.95E-07	6.1178E-04
606907.8	4201348.22	34974.31527	0.02825	0.02822	0.11889	0.12153	0.08332	0.08211	5.96E-04	1.70E-07	1.72E-07	1.16E-06	1.18E-06	2.92E-07	2.87E-07	5.9889E-04
606927.8	4201348.22	34217.31613	0.03	0.02994	0.12572	0.12863	0.08107	0.07989	5.83E-04	1.81E-07	1.83E-07	1.23E-06	1.25E-06	2.84E-07	2.79E-07	5.8614E-04
606947.8	4201348.22	33471.6389	0.03192	0.03183	0.13336	0.1366	0.07891	0.07775	5.71E-04	1.92E-07	1.94E-07	1.30E-06	1.33E-06	2.76E-07	2.72E-07	5.7360E-04
606967.8	4201348.22	32737.73717	0.03403	0.03394	0.14196	0.14567	0.07681	0.07569	5.58E-04	2.05E-07	2.07E-07	1.39E-06	1.42E-06	2.69E-07	2.65E-07	5.6129E-04
606987.8	4201348.22	32020.59492	0.0363	0.03622	0.15161	0.15573	0.0748	0.0737	5.46E-04	2.19E-07	2.21E-07	1.48E-06	1.51E-06	2.62E-07	2.58E-07	5.4928E-04
607007.8	4201348.22	31316.3862	0.03876	0.03873	0.16282	0.16757	0.07284	0.07177	5.34E-04	2.33E-07	2.36E-07	1.59E-06	1.63E-06	2.55E-07	2.51E-07	5.3753E-04
607027.8	4201348.22	30620.72517	0.04148	0.04154	0.17606	0.18158	0.07094	0.0699	5.22E-04	2.50E-07	2.53E-07	1.72E-06	1.77E-06	2.48E-07	2.44E-07	5.2597E-04
607047.8	4201348.22	29952.24241	0.04414	0.04437	0.19085	0.19724	0.06913	0.06811	5.11E-04	2.66E-07	2.71E-07	1.86E-06	1.92E-06	2.42E-07	2.38E-07	5.1491E-04
607067.8	4201348.22	29293.14334	0.04699	0.04746	0.20884	0.21633	0.06736	0.06637	4.99E-04	2.83E-07	2.90E-07	2.04E-06	2.10E-06	2.36E-07	2.32E-07	5.0407E-04
607087.8	4201348.22	28653.00413	0.04982	0.05061	0.23002	0.23917	0.06566	0.0647	4.88E-04	3.00E-07	3.09E-07	2.25E-06	2.33E-06	2.30E-07	2.26E-07	4.9362E-04
607107.8	4201348.22	28029.70572	0.05263	0.05382	0.25556	0.26683	0.06402	0.06308	4.78E-04	3.17E-07	3.28E-07	2.50E-06	2.60E-06	2.24E-07	2.20E-07	4.8355E-04
607127.8	4201348.22	27417.79748	0.05542	0.05709	0.28654	0.30036	0.06243	0.06151	4.67E-04	3.34E-07	3.48E-07	2.80E-06	2.92E-06	2.19E-07	2.15E-07	4.7379E-04
607147.8	4201348.22	26826.72893	0.05793	0.06	0.32315	0.34048	0.0609	0.06	4.57E-04	3.49E-07	3.66E-07	3.16E-06	3.31E-06	2.13E-07	2.10E-07	4.6449E-04
607167.8	4201348.22	26253.02684	0.06049	0.06286	0.36845	0.3908	0.05942	0.05855	4.48E-04	3.64E-07	3.83E-07	3.60E-06	3.80E-06	2.08E-07	2.05E-07	4.5568E-04
607187.8	4201348.22	25699.15186	0.06332	0.06588	0.42602	0.45569	0.05801	0.05716	4.38E-04	3.81E-07	4.02E-07	4.16E-06	4.43E-06	2.03E-07	2.00E-07	4.4746E-04
607207.8	4201348.22	25163.58873	0.0666	0.06928	0.5016	0.54242	0.05665	0.05583	4.29E-04	4.01E-07	4.23E-07	4.90E-06	5.28E-06	1.98E-07	1.95E-07	4.3996E-04
607227.8	4201348.22	24638.32752	0.07048	0.07331	0.60518	0.66373	0.05533	0.05453	4.20E-04	4.24E-07	4.47E-07	5.91E-06	6.46E-06	1.94E-07	1.91E-07	4.3324E-04
607247.8	4201348.22	24124.44732	0.07492	0.07805	0.75487	0.84369	0.05406	0.05327	4.11E-04	4.51E-07	4.76E-07	7.37E-06	8.21E-06	1.89E-07	1.86E-07	4.2775E-04
607267.8	4201348.22	23625.52907	0.07989	0.08345	0.98814	1.13428	0.05282	0.05206	4.03E-04	4.81E-07	5.09E-07	9.65E-06	1.10E-05	1.85E-07	1.82E-07	4.2441E-04
607287.8	4201348.22	23143.01113	0.08538	0.08949	1.39543	1.6688	0.05164	0.05089	3.95E-04	5.14E-07	5.46E-07	1.36E-05	1.62E-05	1.81E-07	1.78E-07	4.2543E-04
607307.8	4201348.22	22669.62098	0.09148	0.09625	2.23712	2.85457	0.05048	0.04976	3.86E-04	5.51E-07	5.87E-07	2.18E-05	2.78E-05	1.77E-07	1.74E-07	4.3719E-04
606527.8	4201368.22	46806.8626	0.01208	0.01217	0.0563	0.05714	0.15086	0.14887	7.98E-04	7.27E-08	7.42E-08	5.50E-07	5.56E-07	5.28E-07	5.20E-07	7.9916E-04
606547.8	4201368.22	46159.07142	0.01266	0.01275	0.05846	0.05933	0.14578	0.14383	7.87E-04	7.62E-08	7.78E-08	5.71E-07	5.77E-07	5.10E-07	5.03E-07	7.8817E-04
606567.8	4201368.22	45517.0695	0.0132	0.01329	0.06049	0.0614	0.14094	0.13902	7.76E-04	7.95E-08	8.11E-08	5.91E-07	5.97E-07	4.93E-07	4.86E-07	7.7727E-04
606587.8	4201368.22	44881.29011	0.01372	0.01381	0.06246	0.06349	0.13635	0.13448	7.65E-04	8.26E-08	8.42E-08	6.10E-07	6.17E-07	4.77E-07	4.70E-07	7.6648E-04
606607.8	4201368.22	44244.57904	0.01451	0.01458	0.06489	0.06589	0.13198	0.13014	7.54E-04	8.74E-08	8.89E-08	6.34E-07	6.41E-07	4.62E-07	4.55E-07	7.5568E-04
606627.8	4201368.22	43597.18462	0.01517	0.01528	0.0671	0.06816	0.12778	0.12598	7.43E-04	9.13E-08	9.32E-08	6.55E-07	6.63E-07	4.47E-07	4.40E-07	7.4470E-04
606647.8	4201368.22	42959.21445	0.01573	0.01584	0.06932	0.07044	0.1238	0.12203	7.32E-04	9.47E-08	9.66E-08	6.77E-07	6.85E-07	4.33E-07	4.26E-07	7.3387E-04
606667.8	4201368.22	42323.52387	0.01626	0.01636	0.0716	0.07279	0.12	0.11827	7.21E-04	9.79E-08	9.98E-08	6.99E-07	7.08E-07	4.20E-07	4.13E-07	7.2309E-04
606687.8	4201368.22	41680.35128	0.01678	0.01687	0.074	0.07529	0.11637	0.11467	7.11E-04	1.01E-07	1.03E-07	7.23E-07	7.32E-07	4.07E-07	4.01E-07	7.1218E-04
606707.8	4201368.22	41027.9057	0.01732	0.01735	0.07652	0.07789	0.11288	0.11122	6.99E-04	1.04E-07	1.06E-07	7.47E-07	7.58E-07	3.95E-07	3.89E-07	7.0111E-04
606727.8	4201368.22	40372.75052	0.01766	0.01771	0.07861	0.0801	0.10954	0.10792	6.88E-04	1.06E-07	1.08E-07	7.68E-07	7.79E-07	3.84E-07	3.77E-07	6.8999E-04
606747.8	4201368.22	39698.94449	0.01834	0.01838	0.08145	0.08304	0.10631	0.10473	6.77E-04	1.10E-07	1.12E-07	7.95E-07	8.08E-07	3.72E-07	3.66E-07	6.7857E-04
606767.8	4201368.22	39000.19335	0.01917	0.0192	0.0848	0.08649	0.10317	0.10163	6.65E-04	1.15E-07	1.17E-07	8.28E-07	8.41E-07	3.61E-07	3.55E-07	6.6673E-04
606787.8	4201368.22	38283.94232	0.02013	0.02015	0.08865	0.09056	0.10012	0.09861	6.53E-04	1.21E-07	1.23E-07	8.66E-07	8.81E-07	3.51E-07	3.45E-07	6.5461E-04
606807.8	4201368.22	37564.51594	0.02135	0.02131	0.09321	0.09512	0.0972	0.09573	6.40E-04	1.29E-07	1.30E-07	9.10E-07	9.25E-07	3.40E-07	3.35E-07	6.4245E-04
606827.8	4201368.22	36847.07521	0.02241	0.02241	0.09748	0.09948	0.09441	0.09297	6.28E-04	1.35E-07	1.37E-07	9.52E-07	9.68E-07	3.31E-07	3.25E-07	6.3032E-04
606847.8	4201368.22	36123.9375	0.02359	0.02359	0.10215	0.10429	0.09171	0.09031	6.16E-04	1.42E-07	1.44E-07	9.98E-07	1.01E-06	3.21E-07	3.16E-07	6.1810E-04
606867.8	4201368.22	35401.64473	0.02486	0.02485	0.10718	0.10946	0.08912	0.08776	6.03E-04	1.50E-07	1.52E-07	1.05E-06	1.06E-06	3.12E-07	3.07E-07	6.0590E-04
606887.8	4201368.22	34679.84289	0.02629	0.02624	0.11269	0.1151	0.08662	0.08529	5.91E-04	1.58E-07	1.60E-07	1.10E-06	1.12E-06	3.03E-07	2.98E-07	5.9372E-04
606907.8	4201368.22	33964.35959	0.02782	0.02774	0.11872	0.12139	0.08422	0.08292	5.79E-04	1.68E-07	1.69E-07	1.16E-06	1.18E-06	2.95E-07	2.90E-07	5.8166E-04
606927.8	4201368.22	33255.86213	0.02951	0.02941	0.12543	0.12837	0.0819	0.08064	5.67E-04	1.78E-07	1.79E-07	1.22E-06	1.25E-06	2.87E-07	2.82E-07	5.6974E-04
606947.8	4201368.22	32556.66661	0.03135	0.03123	0.13292	0.13624	0.07967	0.07844	5.55E-04	1.89E-07	1.91E-07	1.30E-06	1.33E-06	2.79E-07	2.74E-07	5.5799E-04
606967.8	4201368.22	31872.00274	0.0333	0.03319	0.14127	0.1449	0.07752	0.07633	5.43E-04	2.01E-07	2.02E-07	1.38E-06	1.41E-06	2.71E-07	2.67E-07	5.4651E-04
606987.8	4201368.22	31193.57582	0.03545	0.03537	0.1508	0.1549	0.07544	0.07428	5.32E-04	2.13E-07	2.16E-07	1.47E-06	1.51E-06	2.64E-07	2.60E-07	5.3516E-04
607007.8	4201368.22	30530.7043	0.03768	0.03768	0.1617	0.1664	0.07344	0.0723	5.20E-04	2.27E-07	2.30E-07	1.58E-06	1.62E-06	2.57E-07	2.53E-07	5.2411E-04
607027.8	4201368.22	29866.24386	0.04022	0.04035	0.17508	0.18056	0.07147	0.07037	5.09E-04	2.42E-07	2.46E-07	1.71E-06	1.76E-06	2.50E-07	2.46E-07	5.1308E-04
607047.8	4201368.22	29224.35174	0.04271	0.04305	0.19026	0.19646	0.06959	0.06852	4.98E-04	2.57E-07	2.63E-07	1.86E-06	1.91E-06	2.44E-07	2.39E-07	5.0247E-04
607067.8	4201368.22	28590.75229	0.04538	0.04598	0.20882	0.21635	0.06776	0.06672	4.87E-04	2.73E-07	2.80E-07	2.04E-06	2.10E-06	2.37E-07	2.33E-07	4.9208E-04
607087.8	4201368.22	27978.88175	0.04793	0.04888	0.23061	0.23957	0.06601	0.06499	4.77E-04	2.89E-07	2.98E-07	2.25E-06	2.33E-06	2.31E-07	2.27E-07	4.8212E-04
607107.8	4201368.22	27391.62556	0.0501	0.05142	0.25515	0.26604	0.06434	0.06335	4.67E-04	3.02E-07	3.14E-07	2.49E-06	2.59E-06	2.25E-07	2.21E-07	4.7263E-04
607127.8	4201368.22	26817.4341	0.05219	0.05385	0.28474	0.29812	0.06272	0.06176	4.57E-04	3.14E-07	3.28E-07	2.78E-06	2.90E-06	2.20E-07	2.16E-07	4.6347E-04
607147.8	4201368.22	26254.86154	0.05427	0.05622	0.3208	0.33757	0.06116	0.06022	4.48E-04	3.27E-07	3.43E-07	3.13E-06	3.28E-06	2.14E-07	2.10E-07	4.5465E-04
607167.8	4201368.22	25708.0522	0.05649	0.05862	0.36534	0.38689	0.05965	0.05874	4.38E-04	3.40E-07	3.58E-07	3.57E-06	3.76E-06	2.09E-07	2.05E-07	4.4627E-04
607187.8	4201368.22	25177.79435	0.05901	0.06122	0.42179	0.45036	0.0582	0.05732	4.29E-04	3.55E-07	3.73E-07	4.12E-06	4.38E-06	2.04E-07	2.00E-07	4.3843E-04
607207.8	4201368.22	24667.9267	0.06198	0.06426	0.49573	0.53516	0.05682	0.05596	4.21E-04	3.73E-07	3.92E-07	4.84E-06	5.20E-06	1.99E-07	1.96E-07	4.3132E-04
607227.8	4201368.22	24171.89747	0.06542	0.06785	0.59648	0.65371	0.05549	0.05465	4.12E-04	3.94E-07	4.14E-07	5.83E-06	6.36E-06	1.94E-07	1.91E-07	4.2504E-04
607247.8	4201368.22	23684.88198	0.06931	0.07201	0.74095	0.82928	0.05419	0.05338	4.04E-04	4.17E-07	4.39E-07	7.24E-06	8.07E-06	1.90E-07	1.87E-07	4.1991E-04
607267.8	4201368.22	23208.84965	0.07362	0.07669	0.9635	1.11208	0.05294	0.05215	3.96E-04	4.43E-07	4.68E-07	9.41E-06	1.08E-05	1.85E-07	1.82E-07	4.1677E-04
607287.8	4201368.22	22749.77734	0.07836	0.08185	1.34641	1.6324	0.05174	0.05097	3.88E-04	4.72E-07	4.99E-07	1.31E-05	1.59E-05	1.81E-07	1.78E-07	4.1781E-04
607307.8	4201368.22	22299.93277	0.08355	0.08758	2.11922	2.78616	0.05057	0.04983	3.80E-04	5.03E-07	5.34E-07	2.07E-05	2.71E-05	1.77E-07	1.74E-07	4.2897E-04
606527.8	4201388.22	44905.84436	0.01228	0.01236	0.05756	0.05847	0.15458	0.15231	7.66E-04	7.39E-08	7.54E-08	5.62E-07	5.69E-07	5.41E-07	5.32E-07	7.6678E-04
606547.8	4201388.22	44308.17224	0.01311	0.01319	0.05979	0.06067	0.14921	0.14699	7.55E-04	7.89E-08	8.05E-08	5.84E-07	5.90E-07	5.22E-07	5.14E-07	7.5665E-04
606567.8	4201388.22	43722.34305	0.01359	0.01368	0.06162	0.06254	0.14415	0.14198	7.45E-04	8.18E-08	8.34E-08	6.02E-07	6.08E-07	5.05E-07	4.96E-07	7.4670E-04
606587.8	4201388.22	43150.2049	0.01403	0.01412	0.06342	0.06439	0.13938	0.13726	7.36E-04	8.45E-08	8.61E-08	6.19E-07	6.26E-07	4.88E-07	4.80E-07	7.3699E-04
606607.8	4201388.22	42574.57011	0.01448	0.01458	0.06533	0.06635	0.13482	0.13275	7.26E-04	8.72E-08	8.89E-08	6.38E-07	6.45E-07	4.72E-07	4.64E-07	7.2722E-04
606627.8	4201388.22	41982.4011	0.01499	0.01509	0.06742	0.0685	0.13043	0.12841	7.16E-04	9.03E-08	9.20E-08	6.58E-07	6.66E-07	4.57E-07	4.49E-07	7.1717E-04
606647.8	4201388.22	41385.16721	0.01553	0.01562	0.06962	0.07077	0.12623	0.12427	7.05E-04	9.35E-08	9.53E-08	6.80E-07	6.88E-07	4.42E-07	4.34E-07	7.0704E-04
606667.8	4201388.22	40781.24907	0.01609	0.0162	0.07194	0.07317	0.12221	0.1203	6.95E-04	9.69E-08	9.88E-08	7.03E-07	7.12E-07	4.28E-07	4.20E-07	6.9680E-04
606687.8	4201388.22	40176.25416	0.01667	0.01677	0.07443	0.07575	0.11838	0.11652	6.85E-04	1.00E-07	1.02E-07	7.27E-07	7.37E-07	4.14E-07	4.07E-07	6.8654E-04
606707.8	4201388.22	39568.22589	0.01727	0.01736	0.07702	0.07843	0.11472	0.11291	6.75E-04	1.04E-07	1.06E-07	7.52E-07	7.63E-07	4.02E-07	3.95E-07	6.7624E-04
606727.8	4201388.22	38961.069	0.01787	0.01794	0.07966	0.08117	0.11124	0.10947	6.64E-04	1.08E-07	1.09E-07	7.78E-07	7.89E-07	3.89E-07	3.83E-07	6.6595E-04
606747.8	4201388.22	38354.49423	0.01814	0.01816	0.08163	0.08325	0.10793	0.1062	6.54E-04	1.09E-07	1.11E-07	7.97E-07	8.10E-07	3.78E-07	3.71E-07	6.5565E-04
606767.8	4201388.22	37710.24313	0.01891	0.01892	0.0848	0.08653	0.10467	0.10299	6.43E-04	1.14E-07	1.15E-07	8.28E-07	8.42E-07	3.66E-07	3.60E-07	6.4474E-04
606787.8	4201388.22	37040.25929	0.02004	0.0199	0.08895	0.09096	0.10149	0.09986	6.31E-04	1.21E-07	1.21E-07	8.69E-07	8.85E-07	3.55E-07	3.49E-07	6.3341E-04
606807.8	4201388.22	36373.51082	0.02103	0.021	0.0931	0.09503	0.09847	0.09688	6.20E-04	1.27E-07	1.28E-07	9.09E-07	9.24E-07	3.45E-07	3.39E-07	6.2214E-04
606827.8	4201388.22	35700.69653	0.0221	0.02209	0.0974	0.09947	0.09556	0.09402	6.09E-04	1.33E-07	1.35E-07	9.51E-07	9.67E-07	3.35E-07	3.29E-07	6.1077E-04
606847.8	4201388.22	35022.43257	0.02329	0.02326	0.10211	0.10429	0.09276	0.09126	5.97E-04	1.40E-07	1.42E-07	9.97E-07	1.01E-06	3.25E-07	3.19E-07	5.9931E-04
606867.8	4201388.22	34342.79083	0.02458	0.02452	0.10718	0.1095	0.09006	0.08861	5.85E-04	1.48E-07	1.50E-07	1.05E-06	1.06E-06	3.15E-07	3.10E-07	5.8784E-04
606887.8	4201388.22	33667.06235	0.02596	0.02588	0.11265	0.11515	0.08748	0.08606	5.74E-04	1.56E-07	1.58E-07	1.10E-06	1.12E-06	3.06E-07	3.01E-07	5.7645E-04
606907.8	4201388.22	32995.37767	0.02747	0.02737	0.11865	0.12136	0.085	0.08362	5.62E-04	1.65E-07	1.67E-07	1.16E-06	1.18E-06	2.98E-07	2.92E-07	5.6514E-04
606927.8	4201388.22	32332.12934	0.0291	0.02897	0.12525	0.12822	0.08261	0.08128	5.51E-04	1.75E-07	1.77E-07	1.22E-06	1.25E-06	2.89E-07	2.84E-07	5.5398E-04
606947.8	4201388.22	31677.54407	0.03084	0.03071	0.13259	0.13588	0.08032	0.07902	5.40E-04	1.86E-07	1.87E-07	1.29E-06	1.32E-06	2.81E-07	2.76E-07	5.4299E-04
606967.8	4201388.22	31033.77365	0.03267	0.03257	0.14077	0.14442	0.07812	0.07686	5.29E-04	1.97E-07	1.99E-07	1.37E-06	1.40E-06	2.74E-07	2.69E-07	5.3220E-04
606987.8	4201388.22	30398.78257	0.0346	0.03456	0.15004	0.15418	0.076	0.07477	5.18E-04	2.08E-07	2.11E-07	1.47E-06	1.50E-06	2.66E-07	2.61E-07	5.2159E-04
607007.8	4201388.22	29768.6049	0.03667	0.03673	0.16076	0.16543	0.07393	0.07274	5.07E-04	2.21E-07	2.24E-07	1.57E-06	1.61E-06	2.59E-07	2.54E-07	5.1108E-04
607027.8	4201388.22	29119.64102	0.03919	0.03943	0.17495	0.18022	0.07187	0.07072	4.96E-04	2.36E-07	2.41E-07	1.71E-06	1.75E-06	2.52E-07	2.47E-07	5.0033E-04
607047.8	4201388.22	28505.89905	0.0415	0.04196	0.19046	0.19676	0.06994	0.06882	4.86E-04	2.50E-07	2.56E-07	1.86E-06	1.91E-06	2.45E-07	2.40E-07	4.9021E-04
607067.8	4201388.22	27904.14758	0.04377	0.04453	0.20885	0.21624	0.06807	0.06698	4.76E-04	2.64E-07	2.72E-07	2.04E-06	2.10E-06	2.38E-07	2.34E-07	4.8035E-04
607087.8	4201388.22	27327.15088	0.04567	0.04673	0.22939	0.23814	0.06629	0.06523	4.66E-04	2.75E-07	2.85E-07	2.24E-06	2.32E-06	2.32E-07	2.28E-07	4.7096E-04
607107.8	4201388.22	26771.39191	0.04744	0.04879	0.25342	0.26391	0.06459	0.06356	4.56E-04	2.86E-07	2.98E-07	2.47E-06	2.57E-06	2.26E-07	2.22E-07	4.6199E-04
607127.8	4201388.22	26228.71242	0.04915	0.05076	0.28227	0.29508	0.06295	0.06195	4.47E-04	2.96E-07	3.10E-07	2.76E-06	2.87E-06	2.20E-07	2.16E-07	4.5335E-04
607147.8	4201388.22	25695.96744	0.05092	0.05271	0.31748	0.33339	0.06136	0.06039	4.38E-04	3.07E-07	3.22E-07	3.10E-06	3.24E-06	2.15E-07	2.11E-07	4.4501E-04
607167.8	4201388.22	25175.98132	0.05288	0.05476	0.36096	0.38127	0.05983	0.05889	4.29E-04	3.18E-07	3.34E-07	3.53E-06	3.71E-06	2.09E-07	2.06E-07	4.3706E-04
607187.8	4201388.22	24670.40666	0.05517	0.05708	0.41595	0.44261	0.05835	0.05744	4.21E-04	3.32E-07	3.48E-07	4.06E-06	4.30E-06	2.04E-07	2.01E-07	4.2960E-04
607207.8	4201388.22	24178.48168	0.05789	0.05984	0.48758	0.52396	0.05693	0.05604	4.12E-04	3.49E-07	3.65E-07	4.76E-06	5.10E-06	1.99E-07	1.96E-07	4.2274E-04
607227.8	4201388.22	23708.88996	0.06096	0.06305	0.58509	0.63756	0.05558	0.05472	4.04E-04	3.67E-07	3.85E-07	5.71E-06	6.20E-06	1.95E-07	1.91E-07	4.1683E-04

607247.8	4201388.22	23246.0998	0.06439	0.06673	0.72364	0.80433	0.05427	0.05343	3.96E-04	3.88E-07	4.07E-07	7.07E-06	7.82E-06	1.90E-07	1.87E-07	4.1196E-04
607267.8	4201388.22	22796.97408	0.06816	0.07081	0.93522	1.07164	0.05301	0.0522	3.89E-04	4.10E-07	4.32E-07	9.13E-06	1.04E-05	1.86E-07	1.82E-07	4.0901E-04
607287.8	4201388.22	22362.28175	0.07226	0.07528	1.29256	1.55898	0.0518	0.05101	3.81E-04	4.35E-07	4.59E-07	1.26E-05	1.52E-05	1.81E-07	1.78E-07	4.0988E-04
607307.8	4201388.22	21932.03458	0.07677	0.08021	1.98836	2.62369	0.05062	0.04985	3.74E-04	4.62E-07	4.89E-07	1.94E-05	2.55E-05	1.77E-07	1.74E-07	4.1976E-04
606527.8	4201408.22	43104.85212	0.01272	0.01282	0.05872	0.05958	0.15797	0.15541	7.35E-04	7.66E-08	7.82E-08	5.73E-07	5.79E-07	5.53E-07	5.43E-07	7.3611E-04
606547.8	4201408.22	42596.25843	0.01308	0.01317	0.06031	0.06121	0.15251	0.15001	7.26E-04	7.88E-08	8.03E-08	5.89E-07	5.95E-07	5.34E-07	5.24E-07	7.2747E-04
606567.8	4201408.22	42082.10854	0.01345	0.01355	0.06197	0.0629	0.14729	0.14487	7.17E-04	8.10E-08	8.27E-08	6.05E-07	6.12E-07	5.16E-07	5.06E-07	7.1875E-04
606587.8	4201408.22	41562.44226	0.01383	0.01393	0.06369	0.06468	0.14231	0.13996	7.09E-04	8.33E-08	8.50E-08	6.22E-07	6.29E-07	4.98E-07	4.89E-07	7.0993E-04
606607.8	4201408.22	41021.71584	0.01428	0.01438	0.06561	0.06665	0.1375	0.13522	6.99E-04	8.60E-08	8.77E-08	6.41E-07	6.48E-07	4.81E-07	4.73E-07	7.0075E-04
606627.8	4201408.22	40464.78436	0.0148	0.01489	0.06771	0.06881	0.13288	0.13066	6.90E-04	8.91E-08	9.08E-08	6.61E-07	6.69E-07	4.65E-07	4.57E-07	6.9131E-04
606647.8	4201408.22	39899.7169	0.01534	0.01543	0.06994	0.07112	0.12845	0.1263	6.80E-04	9.24E-08	9.41E-08	6.83E-07	6.92E-07	4.50E-07	4.41E-07	6.8172E-04
606667.8	4201408.22	39343.87976	0.01588	0.01596	0.07222	0.07348	0.12427	0.12218	6.71E-04	9.56E-08	9.74E-08	7.05E-07	7.15E-07	4.35E-07	4.27E-07	6.7230E-04
606687.8	4201408.22	38784.69552	0.01644	0.01651	0.07463	0.07598	0.12028	0.11825	6.61E-04	9.90E-08	1.01E-07	7.29E-07	7.39E-07	4.21E-07	4.13E-07	6.6282E-04
606707.8	4201408.22	38211.13456	0.01705	0.01712	0.07727	0.0787	0.11645	0.11447	6.51E-04	1.03E-07	1.04E-07	7.55E-07	7.65E-07	4.08E-07	4.00E-07	6.5310E-04
606727.8	4201408.22	37633.59431	0.01769	0.01776	0.08005	0.08159	0.11279	0.11087	6.42E-04	1.07E-07	1.08E-07	7.82E-07	7.94E-07	3.95E-07	3.87E-07	6.4332E-04
606747.8	4201408.22	37057.94694	0.01835	0.01839	0.08288	0.08454	0.10931	0.10745	6.32E-04	1.10E-07	1.12E-07	8.09E-07	8.22E-07	3.83E-07	3.75E-07	6.3357E-04
606767.8	4201408.22	36480.56682	0.01893	0.01889	0.08557	0.08732	0.10599	0.10418	6.22E-04	1.14E-07	1.15E-07	8.36E-07	8.49E-07	3.71E-07	3.64E-07	6.2379E-04
606787.8	4201408.22	35858.07393	0.01987	0.01988	0.08937	0.09126	0.10271	0.10095	6.11E-04	1.20E-07	1.21E-07	8.73E-07	8.88E-07	3.60E-07	3.53E-07	6.1327E-04
606807.8	4201408.22	35249.0269	0.0207	0.02063	0.09288	0.09486	0.09961	0.09791	6.01E-04	1.25E-07	1.26E-07	9.07E-07	9.23E-07	3.49E-07	3.42E-07	6.0296E-04
606827.8	4201408.22	34613.20279	0.02182	0.02178	0.09735	0.09944	0.09658	0.09493	5.90E-04	1.31E-07	1.33E-07	9.51E-07	9.67E-07	3.38E-07	3.32E-07	5.9223E-04
606847.8	4201408.22	33977.74878	0.023	0.02293	0.10203	0.10427	0.09369	0.09209	5.79E-04	1.38E-07	1.40E-07	9.96E-07	1.01E-06	3.28E-07	3.22E-07	5.8150E-04
606867.8	4201408.22	33341.22161	0.02426	0.02417	0.10706	0.10945	0.09091	0.08936	5.68E-04	1.46E-07	1.47E-07	1.05E-06	1.06E-06	3.18E-07	3.12E-07	5.7076E-04
606887.8	4201408.22	32704.9296	0.02565	0.02553	0.11255	0.11511	0.08824	0.08674	5.58E-04	1.54E-07	1.56E-07	1.10E-06	1.12E-06	3.09E-07	3.03E-07	5.6004E-04
606907.8	4201408.22	32074.13876	0.02712	0.02699	0.1185	0.12126	0.08568	0.08423	5.47E-04	1.63E-07	1.65E-07	1.16E-06	1.18E-06	3.00E-07	2.94E-07	5.4943E-04
606927.8	4201408.22	31437.03862	0.0288	0.02866	0.12524	0.1283	0.0832	0.08179	5.36E-04	1.73E-07	1.75E-07	1.22E-06	1.25E-06	2.91E-07	2.86E-07	5.3872E-04
606947.8	4201408.22	30820.96434	0.03046	0.03034	0.1325	0.13587	0.08085	0.07948	5.25E-04	1.83E-07	1.85E-07	1.29E-06	1.32E-06	2.83E-07	2.78E-07	5.2838E-04
606967.8	4201408.22	30213.06765	0.03218	0.03212	0.14063	0.14437	0.07859	0.07726	5.15E-04	1.94E-07	1.96E-07	1.37E-06	1.40E-06	2.75E-07	2.70E-07	5.1820E-04
606987.8	4201408.22	29611.88397	0.03398	0.034	0.14995	0.15406	0.07641	0.07512	5.05E-04	2.05E-07	2.07E-07	1.46E-06	1.50E-06	2.68E-07	2.63E-07	5.0816E-04
607007.8	4201408.22	28990.13726	0.03614	0.0363	0.16177	0.16638	0.07424	0.073	4.94E-04	2.18E-07	2.21E-07	1.58E-06	1.62E-06	2.60E-07	2.55E-07	4.9783E-04
607027.8	4201408.22	28362.21095	0.03848	0.03886	0.17636	0.18183	0.07212	0.07092	4.83E-04	2.32E-07	2.37E-07	1.72E-06	1.77E-06	2.53E-07	2.48E-07	4.8744E-04
607047.8	4201408.22	27787.53226	0.04024	0.04083	0.19111	0.19737	0.07016	0.069	4.74E-04	2.42E-07	2.49E-07	1.87E-06	1.92E-06	2.46E-07	2.41E-07	4.7797E-04
607067.8	4201408.22	27230.28033	0.04189	0.04273	0.20808	0.21532	0.06829	0.06716	4.64E-04	2.52E-07	2.61E-07	2.03E-06	2.09E-06	2.39E-07	2.35E-07	4.6883E-04
607087.8	4201408.22	26688.06309	0.04342	0.04452	0.22788	0.23639	0.06649	0.06539	4.55E-04	2.61E-07	2.72E-07	2.23E-06	2.30E-06	2.33E-07	2.29E-07	4.6000E-04
607107.8	4201408.22	26163.65771	0.04488	0.04621	0.25122	0.26136	0.06477	0.0637	4.46E-04	2.70E-07	2.82E-07	2.45E-06	2.54E-06	2.27E-07	2.23E-07	4.5155E-04
607127.8	4201408.22	25652.87993	0.04632	0.04783	0.2792	0.29147	0.06311	0.06207	4.37E-04	2.79E-07	2.92E-07	2.73E-06	2.83E-06	2.21E-07	2.17E-07	4.4343E-04
607147.8	4201408.22	25149.9273	0.04788	0.04948	0.31331	0.32842	0.0615	0.0605	4.29E-04	2.88E-07	3.02E-07	3.06E-06	3.19E-06	2.15E-07	2.11E-07	4.3557E-04
607167.8	4201408.22	24657.5603	0.04966	0.05129	0.35548	0.37448	0.05995	0.05898	4.20E-04	2.99E-07	3.13E-07	3.47E-06	3.64E-06	2.10E-07	2.06E-07	4.2806E-04
607187.8	4201408.22	24175.83985	0.05178	0.05341	0.40875	0.43334	0.05846	0.05751	4.12E-04	3.12E-07	3.26E-07	3.99E-06	4.21E-06	2.05E-07	2.01E-07	4.2096E-04
607207.8	4201408.22	23706.42351	0.05424	0.05592	0.47785	0.51085	0.05701	0.0561	4.04E-04	3.27E-07	3.41E-07	4.67E-06	4.97E-06	2.00E-07	1.96E-07	4.1442E-04
607227.8	4201408.22	23252.09612	0.05702	0.05884	0.57107	0.61753	0.05563	0.05474	3.96E-04	3.43E-07	3.59E-07	5.58E-06	6.01E-06	1.95E-07	1.91E-07	4.0866E-04
607247.8	4201408.22	22813.56255	0.06009	0.06213	0.70348	0.77329	0.05431	0.05345	3.89E-04	3.62E-07	3.79E-07	6.87E-06	7.52E-06	1.90E-07	1.87E-07	4.0403E-04
607267.8	4201408.22	22394.08813	0.06334	0.06566	0.90513	1.02084	0.05305	0.05222	3.82E-04	3.81E-07	4.01E-07	8.84E-06	9.93E-06	1.86E-07	1.82E-07	4.0130E-04
607287.8	4201408.22	21980.04377	0.06695	0.06955	1.23794	1.45686	0.05183	0.05102	3.75E-04	4.03E-07	4.24E-07	1.21E-05	1.42E-05	1.81E-07	1.78E-07	4.0178E-04
607307.8	4201408.22	21569.25027	0.07088	0.07385	1.86778	2.36873	0.05064	0.04985	3.68E-04	4.27E-07	4.50E-07	1.82E-05	2.30E-05	1.77E-07	1.74E-07	4.0984E-04
606533.18	4201421.18	41917.38214	0.01273	0.01283	0.05932	0.06018	0.15869	0.15596	7.15E-04	7.67E-08	7.83E-08	5.79E-07	5.85E-07	5.56E-07	5.45E-07	7.1588E-04
606553.18	4201421.18	41453.99134	0.01303	0.01311	0.06087	0.0618	0.1532	0.15056	7.07E-04	7.85E-08	8.00E-08	5.94E-07	6.01E-07	5.36E-07	5.26E-07	7.0801E-04
606573.18	4201421.18	40957.03408	0.01341	0.01349	0.06256	0.06352	0.14786	0.1453	6.98E-04	8.07E-08	8.23E-08	6.11E-07	6.18E-07	5.18E-07	5.08E-07	6.9958E-04
606593.18	4201421.18	40457.026	0.01379	0.01388	0.06431	0.06533	0.14278	0.1403	6.90E-04	8.30E-08	8.47E-08	6.28E-07	6.35E-07	5.00E-07	4.90E-07	6.9109E-04
606613.18	4201421.18	39940.29084	0.01425	0.01433	0.06623	0.06731	0.13789	0.13548	6.81E-04	8.58E-08	8.74E-08	6.47E-07	6.55E-07	4.83E-07	4.73E-07	6.8233E-04
606633.18	4201421.18	39395.72478	0.01479	0.01486	0.06841	0.06956	0.13315	0.13082	6.72E-04	8.91E-08	9.06E-08	6.68E-07	6.77E-07	4.66E-07	4.57E-07	6.7310E-04
606653.18	4201421.18	38838.25991	0.01537	0.01546	0.07076	0.072	0.1286	0.12634	6.62E-04	9.25E-08	9.43E-08	6.91E-07	7.00E-07	4.50E-07	4.42E-07	6.6365E-04
606673.18	4201421.18	38298.64322	0.01593	0.01601	0.07313	0.07445	0.12433	0.12215	6.53E-04	9.59E-08	9.77E-08	7.14E-07	7.24E-07	4.35E-07	4.27E-07	6.5450E-04
606693.18	4201421.18	37769.76458	0.01647	0.01654	0.07557	0.07694	0.12031	0.11819	6.44E-04	9.92E-08	1.01E-07	7.38E-07	7.48E-07	4.21E-07	4.13E-07	6.4554E-04
606713.18	4201421.18	37220.98016	0.0171	0.01715	0.07821	0.07971	0.11643	0.11438	6.34E-04	1.03E-07	1.05E-07	7.64E-07	7.75E-07	4.08E-07	4.00E-07	6.3625E-04
606727.8	4201423.25	36689.70065	0.01755	0.01759	0.0803	0.08185	0.11385	0.11183	6.25E-04	1.06E-07	1.07E-07	7.84E-07	7.96E-07	3.99E-07	3.91E-07	6.2724E-04
606747.8	4201423.25	36138.45658	0.01822	0.01826	0.0832	0.08488	0.11026	0.1083	6.16E-04	1.10E-07	1.11E-07	8.13E-07	8.26E-07	3.86E-07	3.78E-07	6.1790E-04
606767.8	4201423.25	35584.5705	0.01892	0.01893	0.08617	0.08798	0.10684	0.10494	6.07E-04	1.14E-07	1.15E-07	8.42E-07	8.56E-07	3.74E-07	3.67E-07	6.0853E-04
606787.8	4201423.25	35009.7942	0.01974	0.01973	0.08956	0.09149	0.10352	0.10168	5.97E-04	1.19E-07	1.20E-07	8.75E-07	8.90E-07	3.62E-07	3.55E-07	5.9881E-04
606807.8	4201423.25	34441.85711	0.02048	0.02032	0.09268	0.09472	0.10038	0.0986	5.87E-04	1.23E-07	1.24E-07	9.05E-07	9.21E-07	3.51E-07	3.45E-07	5.8920E-04
606827.8	4201428.22	33590.78959	0.02149	0.0214	0.09694	0.0991	0.0975	0.09575	5.73E-04	1.29E-07	1.31E-07	9.47E-07	9.64E-07	3.41E-07	3.35E-07	5.7479E-04
606847.8	4201428.22	32988.7221	0.02271	0.02261	0.10184	0.10415	0.0945	0.09281	5.62E-04	1.37E-07	1.38E-07	9.95E-07	1.01E-06	3.31E-07	3.24E-07	5.6463E-04
606867.8	4201428.22	32392.10993	0.02395	0.02383	0.10682	0.10928	0.09164	0.09001	5.52E-04	1.44E-07	1.45E-07	1.04E-06	1.06E-06	3.21E-07	3.15E-07	5.5458E-04
606887.8	4201428.22	31793.54394	0.02531	0.02518	0.11229	0.11493	0.0889	0.08732	5.42E-04	1.52E-07	1.54E-07	1.10E-06	1.12E-06	3.11E-07	3.05E-07	5.4450E-04
606907.8	4201428.22	31172.69392	0.02693	0.0268	0.11887	0.12174	0.08621	0.08468	5.31E-04	1.62E-07	1.63E-07	1.16E-06	1.18E-06	3.02E-07	2.96E-07	5.3407E-04
606927.8	4201428.22	30537.04321	0.02881	0.0287	0.12636	0.12945	0.08358	0.08211	5.21E-04	1.73E-07	1.75E-07	1.23E-06	1.26E-06	2.93E-07	2.87E-07	5.2340E-04
606947.8	4201428.22	29937.84007	0.03058	0.03051	0.13427	0.13775	0.08114	0.07971	5.10E-04	1.84E-07	1.86E-07	1.31E-06	1.34E-06	2.84E-07	2.79E-07	5.1337E-04
606967.8	4201428.22	29356.74326	0.03225	0.03228	0.14275	0.14661	0.07881	0.07743	5.00E-04	1.94E-07	1.97E-07	1.39E-06	1.43E-06	2.76E-07	2.71E-07	5.0365E-04
606987.8	4201428.22	28773.05427	0.03394	0.03408	0.15261	0.15689	0.07656	0.07522	4.90E-04	2.04E-07	2.08E-07	1.49E-06	1.53E-06	2.68E-07	2.63E-07	4.9392E-04
607007.8	4201428.22	28186.46577	0.03559	0.03587	0.1639	0.16871	0.07436	0.07306	4.80E-04	2.14E-07	2.19E-07	1.60E-06	1.64E-06	2.60E-07	2.55E-07	4.8416E-04
607027.8	4201428.22	27619.9436	0.03712	0.03757	0.17639	0.18183	0.07227	0.07102	4.71E-04	2.24E-07	2.29E-07	1.72E-06	1.77E-06	2.53E-07	2.48E-07	4.7478E-04
607047.8	4201428.22	27087.83909	0.03857	0.03923	0.19049	0.19668	0.07031	0.06909	4.62E-04	2.32E-07	2.39E-07	1.86E-06	1.91E-06	2.46E-07	2.41E-07	4.6601E-04
607067.8	4201428.22	26576.32892	0.03993	0.04082	0.20677	0.21395	0.06844	0.06726	4.53E-04	2.40E-07	2.49E-07	2.02E-06	2.08E-06	2.40E-07	2.35E-07	4.5763E-04
607087.8	4201428.22	26070.86382	0.0412	0.0423	0.22589	0.23428	0.06663	0.06549	4.44E-04	2.48E-07	2.58E-07	2.21E-06	2.28E-06	2.33E-07	2.29E-07	4.4942E-04
607107.8	4201428.22	25575.00896	0.04243	0.0437	0.24853	0.25845	0.06488	0.06378	4.36E-04	2.55E-07	2.67E-07	2.43E-06	2.51E-06	2.27E-07	2.23E-07	4.4143E-04
607127.8	4201428.22	25092.66277	0.04371	0.04508	0.27561	0.28749	0.06321	0.06214	4.28E-04	2.63E-07	2.75E-07	2.69E-06	2.80E-06	2.21E-07	2.17E-07	4.3378E-04
607147.8	4201428.22	24619.51312	0.04512	0.04654	0.30851	0.32299	0.06159	0.06056	4.20E-04	2.72E-07	2.84E-07	3.01E-06	3.14E-06	2.16E-07	2.12E-07	4.2639E-04
607167.8	4201428.22	24152.44104	0.04678	0.04819	0.34915	0.36716	0.06003	0.05902	4.12E-04	2.82E-07	2.94E-07	3.41E-06	3.57E-06	2.10E-07	2.06E-07	4.1928E-04
607187.8	4201428.22	23692.03151	0.04872	0.05013	0.40034	0.42328	0.05851	0.05754	4.04E-04	2.93E-07	3.06E-07	3.91E-06	4.12E-06	2.05E-07	2.01E-07	4.1250E-04
607207.8	4201428.22	23244.33081	0.05095	0.05242	0.46655	0.49668	0.05705	0.05611	3.96E-04	3.07E-07	3.20E-07	4.56E-06	4.83E-06	2.00E-07	1.96E-07	4.0625E-04
607227.8	4201428.22	22809.60038	0.05345	0.05505	0.55529	0.59667	0.05565	0.05474	3.89E-04	3.22E-07	3.36E-07	5.42E-06	5.80E-06	1.95E-07	1.91E-07	4.0071E-04
607247.8	4201428.22	22395.87696	0.0562	0.058	0.68118	0.74188	0.05432	0.05344	3.82E-04	3.38E-07	3.54E-07	6.65E-06	7.22E-06	1.90E-07	1.87E-07	3.9634E-04
607267.8	4201428.22	22003.02639	0.05906	0.0611	0.87122	0.96824	0.05307	0.05221	3.75E-04	3.56E-07	3.73E-07	8.51E-06	9.42E-06	1.86E-07	1.82E-07	3.9373E-04
607287.8	4201428.22	21602.6431	0.06228	0.06454	1.17803	1.35098	0.05182	0.05099	3.68E-04	3.75E-07	3.94E-07	1.15E-05	1.31E-05	1.81E-07	1.78E-07	3.9367E-04
607307.8	4201428.22	21211.20141	0.06574	0.06832	1.74669	2.11236	0.05062	0.04982	3.62E-04	3.96E-07	4.17E-07	1.71E-05	2.05E-05	1.77E-07	1.74E-07	4.0000E-04
606357.31	4200991.9	164326.6741	0.01936	0.01997	0.04194	0.04193	0.05549	0.0574	2.80E-03	1.17E-07	1.22E-07	4.10E-07	4.08E-07	1.94E-07	2.01E-07	2.8023E-03
606373.3	4200990.76	163923.3575	0.01998	0.02061	0.04263	0.04261	0.0557	0.05756	2.79E-03	1.20E-07	1.26E-07	4.16E-07	4.14E-07	1.95E-07	2.01E-07	2.7954E-03
606393.3	4200990.76	161959.5082	0.02064	0.02131	0.04354	0.04351	0.05627	0.05807	2.76E-03	1.24E-07	1.30E-07	4.25E-07	4.23E-07	1.97E-07	2.03E-07	2.7620E-03
606413.3	4200990.76	159485.0526	0.02134	0.02204	0.04449	0.04446	0.05678	0.05851	2.72E-03	1.28E-07	1.34E-07	4.34E-07	4.32E-07	1.99E-07	2.04E-07	2.7198E-03
606433.3	4200990.76	156504.9214	0.0221	0.02283	0.04549	0.04545	0.05722	0.05888	2.67E-03	1.33E-07	1.39E-07	4.44E-07	4.42E-07	2.00E-07	2.06E-07	2.6691E-03
606453.3	4200990.76	153170.2675	0.02291	0.02369	0.04655	0.04649	0.05759	0.05918	2.61E-03	1.38E-07	1.45E-07	4.55E-07	4.52E-07	2.02E-07	2.07E-07	2.6123E-03
606473.3	4200990.76	149741.2361	0.02378	0.02461	0.04765	0.04752	0.0579	0.05942	2.55E-03	1.43E-07	1.50E-07	4.65E-07	4.62E-07	2.03E-07	2.08E-07	2.5538E-03
606493.3	4200990.76	146453.9598	0.02466	0.02555	0.04863	0.04822	0.05815	0.05959	2.50E-03	1.48E-07	1.56E-07	4.75E-07	4.69E-07	2.04E-07	2.08E-07	2.4978E-03
606513.3	4200990.76	143553.6835	0.02566	0.02654	0.04975	0.0494	0.05834	0.05971	2.45E-03	1.55E-07	1.62E-07	4.86E-07	4.80E-07	2.04E-07	2.09E-07	2.4484E-03
606355.59	4201005.6	153451.2372	0.01844	0.01901	0.04216	0.0422	0.05877	0.06076	2.62E-03	1.11E-07	1.16E-07	4.12E-07	4.10E-07	2.06E-07	2.12E-07	2.6169E-03
606375.59	4201005.6	151781.5209	0.01908	0.01968	0.0431	0.04313	0.05936	0.06128	2.59E-03	1.15E-07	1.20E-07	4.21E-07	4.19E-07	2.08E-07	2.14E-07	2.5885E-03
606393.3	4201010.76	146364.1917	0.01933	0.01994	0.04407	0.04412	0.06109	0.06295	2.50E-03	1.16E-07	1.22E-07	4.30E-07	4.29E-07	2.14E-07	2.20E-07	2.4961E-03
606413.3	4201010.76	144206.3253	0.02	0.02065	0.04508	0.04512	0.0615	0.06329	2.46E-03	1.20E-07	1.26E-07	4.40E-07	4.39E-07	2.15E-07	2.21E-07	2.4594E-03
606433.3	4201010.76	141720.0644	0.02073	0.0214	0.04614	0.04618	0.06184	0.06354	2.42E-03	1.25E-07	1.31E-07	4.51E-07	4.49E-07	2.17E-07	2.22E-07	2.4170E-03
606453.3	4201010.76	139017.1707	0.02148	0.0222	0.04724	0.04727	0.06211	0.06372	2.37E-03	1.29E-07	1.35E-07	4.61E-07	4.60E-07	2.17E-07	2.23E-07	2.3710E-03
606473.3	4201010.76	136202.128	0.02229	0.02305	0.0484	0.04842	0.06231	0.06384	2.32E-03	1.34E-07	1.41E-07	4.73E-07	4.71E-07	2.18E-07	2.23E-07	2.3230E-03
606493.3	4201010.76	133480.254	0.02312	0.02392	0.0496	0.04961	0.06245	0.0639	2.28E-03	1.39E-07	1.46E-07	4.84E-07	4.82E-07	2.19E-07	2.23E-07	2.2767E-03
606513.3	4201010.76	130960.5585	0.02397	0.02482	0.05085	0.05085	0.06253	0.0639	2.23E-03	1.44E-07	1.51E-07	4.97E-07	4.95E-07	2.19E-07	2.23E-07	2.2337E-03
606320.15	4201003.05	158124.317	0.01742	0.01794	0.04046	0.0405	0.05691	0.059	2.70E-03	1.05E-07	1.09E-07	3.95E-07	3.94E-07	1.99E-07	2.06E-07	2.6965E-03
606340.15	4201003.05	156664.0645	0.01806	0.01861	0.04138	0.04141	0.05763	0.05966	2.67E-03	1.09E-07	1.14E-07	4.04E-07	4.03E-07	2.02E-07	2.08E-07	2.6717E-03
608193.06	4200733.55	13157.31124	0.25862	0.26198	0.03401	0.03278	0.02079	0.02072	2.24E-04	1.56E-06	1.60E-06	3.32E-07	3.19E-07	7.28E-08	7.24E-08	2.2810E-04
608193.06	4200741.15	13137.48008	0.25551	0.25888	0.03471	0.03345	0.02087	0.02079	2.24E-04	1.54E-06	1.58E-06	3.39E-07	3.25E-07	7.31E-08	7.27E-08	2.2773E-04
608193.06	4200748.75	13117.51548	0.2524	0.25578	0.03542	0.03414	0.02095	0.02087	2.24E-04	1.52E-06	1.56E-06	3.46E-07	3.32E-07	7.34E-08	7.29E-08	2.2737E-04
608186.19	4200779.15	13106.50739	0.24446	0.24794	0.03845	0.03706	0.02131	0.02122	2.23E-04	1.47E-06	1.51E-06	3.75E-07	3.60E-07	7.46E-08	7.42E-08	2.2714E-04
608193.06	4200756.35	13097.70672	0.2493	0.25269	0.03613	0.03483	0.02102	0.02094	2.23E-04	1.50E-06	1.54E-06	3.53E-07	3.39E-07	7.36E-08	7.32E-08	2.2701E-04
608199.93	4200733.55	13087.42709	0.25375	0.25703	0.03394	0.03273	0.02072	0.02065	2.23E-04	1.53E-06	1.57E-06	3.31E-07	3.18E-07	7.25E-08	7.22E-08	2.2684E-04
608186.19	4200786.75	13085.48383	0.24131	0.2448	0.0392	0.03779	0.02138	0.02129	2.23E-04	1.45E-06	1.49E-06	3.83E-07	3.68E-07	7.49E-08	7.44E-08	2.2676E-04
608193.06	4200763.95	13077.97015	0.24621	0.2496	0.03686	0.03553	0.02109	0.02101	2.23E-04	1.48E-06	1.52E-06	3.60E-07	3.46E-07	7.38E-08	7.34E-08	2.2665E-04
608199.93	4200741.15	13067.92661	0.25074	0.25403	0.03464	0.0334	0.0208	0.02072	2.23E-04	1.51E-06	1.55E-06	3.38E-07	3.25E-07	7.28E-08	7.24E-08	2.2649E-04
608186.19	4200794.35	13064.55072	0.23818	0.24167	0.03996	0.03853	0.02145	0.02135	2.23E-04	1.43E-06	1.47E-06	3.90E-07	3.75E-07	7.51E-08	7.46E-08	2.2638E-04
608193.06	4200771.55	13057.98157	0.24313	0.24653	0.03759	0.03624	0.02117	0.02108	2.23E-04	1.46E-06	1.50E-06	3.67E-07	3.52E-07	7.41E-08	7.37E-08	2.2628E-04
608199.93	4200748.75	13048.07749	0.24773	0.25103	0.03533	0.03407	0.02087	0.02079	2.22E-04	1.49E-06	1.53E-06	3.45E-07	3.31E-07	7.31E-08	7.27E-08	2.2613E-04
608186.19	4200801.95	13043.72467	0.23508	0.23856	0.04072	0.03928	0.02152	0.02142	2.22E-04	1.42E-06	1.46E-06	3.98E-07	3.82E-07	7.53E-08	7.49E-08	2.2600E-04
608193.06	4200779.15	13037.41562	0.24007	0.24347	0.03833	0.03696	0.02124	0.02114	2.22E-04	1.45E-06	1.49E-06	3.74E-07	3.59E-07	7.44E-08	7.39E-08	2.2591E-04
608199.93	4200756.35	13028.50168	0.24473	0.24804	0.03604	0.03476	0.02095	0.02086	2.22E-04	1.47E-06	1.51E-06	3.52E-07	3.38E-07	7.34E-08	7.29E-08	2.2577E-04
608186.19	4200809.55	13022.5124	0.23199	0.23547	0.0415	0.04003	0.02159	0.02148	2.22E-04	1.40E-06	1.44E-06	4.05E-07	3.89E-07	7.56E-08	7.51E-08	2.2562E-04
608206.8	4200733.55	13018.21097	0.24901	0.25222	0.03388	0.03267	0.02065	0.02058	2.22E-04	1.50E-06	1.54E-06	3.31E-07	3.18E-07	7.23E-08	7.19E-08	2.2561E-04
608193.06	4200786.75	13016.63096	0.23701	0.24041	0.03907	0.03768	0.02131	0.02121	2.22E-04	1.43E-06	1.47E-06	3.82E-07	3.66E-07	7.46E-08	7.41E-08	2.2553E-04
608199.93	4200763.95	13009.08419	0.24174	0.24505	0.03676	0.03545	0.02102	0.02093	2.22E-04	1.46E-06	1.49E-06	3.59E-07	3.45E-07	7.36E-08	7.31E-08	2.2542E-04
608186.19	4200817.15	13001.0077	0.22892	0.2324	0.04227	0.04079	0.02165	0.02154	2.22E-04	1.38E-06	1.42E-06	4.13E-07	3.97E-07	7.58E-08	7.53E-08	2.2523E-04
608206.8	4200741.15	12999.03498	0.2461	0.24932	0.03456	0.03333	0.02073	0.02065	2.22E-04	1.48E-06	1.52E-06	3.38E-07	3.24E-07	7.26E-08	7.22E-08	2.2526E-04
608193.06	4200794.35	12995.93646	0.23397	0.23738	0.03982	0.03841	0.02137	0.02128	2.22E-04	1.41E-06	1.45E-06	3.89E-07	3.74E-07	7.48E-08	7.44E-08	2.2516E-04
608199.93	4200771.55	12989.31537	0.23875	0.24207	0.03748	0.03615	0.02109	0.021	2.21E-04	1.44E-06	1.48E-06	3.66E-07	3.52E-07	7.38E-08	7.34E-08	2.2506E-04
608206.8	4200748.75	12979.49821	0.24318	0.24641	0.03525	0.034	0.0208	0.02072	2.21E-04	1.46E-06	1.50E-06	3.44E-07	3.31E-07	7.28E-08	7.24E-08	2.2490E-04
608186.19	4200824.75	12979.08833	0.22588	0.22936	0.04306	0.04155	0.02171	0.0216	2.21E-04	1.36E-06	1.40E-06	4.21E-07	4.04E-07	7.60E-08	7.55E-08	2.2484E-04
608193.06	4200801.95	12975.03374	0.23096	0.23436	0.04058	0.03915	0.02144	0.02134	2.21E-04	1.39E-06	1.43E-06	3.96E-07	3.81E-07	7.51E-08	7.46E-08	2.2478E-04
608199.93	4200779.15	12968.98376	0.23578	0.2391	0.03821	0.03685	0.02116	0.02107	2.21E-04	1.42E-06	1.46E-06	3.73E-07	3.58E-07	7.41E-08	7.36E-08	2.2469E-04
608206.8	4200756.35	12959.94834	0.24027	0.24351	0.03595	0.03468	0.02088	0.02079	2.21E-04	1.45E-06	1.49E-06	3.51E-07	3.37E-07	7.31E-08	7.27E-08	2.2455E-04
608186.19	4200832.35	12956.9739	0.22286	0.22633	0.04384	0.04232	0.02177	0.02166	2.21E-04	1.34E-06	1.38E-06	4.28E-07	4.12E-07	7.62E-08	7.57E-08	2.2444E-04
608193.06	4200809.55	12953.86024	0.22796	0.23136	0.04134	0.03989	0.02151	0.0214	2.21E-04	1.37E-06	1.41E-06	4.04E-07	3.88E-07	7.53E-08	7.48E-08	2.2440E-04
608213.67	4200733.55	12949.75901	0.2444	0.24754	0.03381	0.03261	0.02058	0.02051	2.21E-04	1.47E-06	1.51E-06	3.30E-07	3.17E-07	7.21E-08	7.17E-08	2.2438E-04
608199.93	4200786.75	12948.53374	0.23282	0.23614	0.03894	0.03757	0.02123	0.02113	2.21E-04	1.40E-06	1.44E-06	3.80E-07	3.65E-07	7.43E-08	7.38E-08	2.2432E-04
608206.8	4200763.95	12940.6424	0.23737	0.24061	0.03665	0.03536	0.02095	0.02086	2.21E-04	1.43E-06	1.47E-06	3.58E-07	3.44E-07	7.34E-08	7.29E-08	2.2420E-04
608186.19	4200839.95	12934.56233	0.21987	0.22333	0.04463	0.0431	0.02183	0.02172	2.20E-04	1.32E-06	1.36E-06	4.36E-07	4.19E-07	7.64E-08	7.59E-08	2.2403E-04
608193.06	4200817.15	12932.60933	0.22498	0.22838	0.0421	0.04064	0.02157	0.02146	2.20E-04	1.35E-06	1.39E-06	4.11E-07	3.95E-07	7.55E-08	7.50E-08	2.2401E-04
608213.67	4200741.15	12930.90187	0.24158	0.24473	0.03448	0.03327	0.02066	0.02058	2.20E-04	1.45E-06	1.49E-06	3.37E-07	3.24E-07	7.23E-08	7.19E-08	2.2404E-04
608199.93	4200794.35	12927.96977	0.22987	0.2332	0.03968	0.03829	0.0213	0.0212	2.20E-04	1.38E-06	1.42E-06	3.88E-07	3.72E-07	7.46E-08	7.41E-08	2.2395E-04
608206.8	4200771.55	12921.19893	0.23448	0.23773	0.03737	0.03606	0.02102	0.02093	2.20E-04	1.41E-06	1.45E-06	3.65E-07	3.51E-07	7.36E-08	7.31E-08	2.2384E-04
608186.19	4200847.55	12911.89469	0.21691	0.22036	0.04542	0.04387	0.02189	0.02177	2.20E-04	1.31E-06	1.34E-06	4.44E-07	4.27E-07	7.66E-08	7.61E-08	2.2363E-04
608213.67	4200748.75	12911.47049	0.23875	0.24191	0.03516	0.03393	0.02073	0.02065	2.20E-04	1.44E-06	1.48E-06	3.43E-07	3.30E-07	7.26E-08	7.22E-08	2.2369E-04
608193.06	4200824.75	12911.24853	0.22203	0.22543	0.04287	0.04139	0.02163	0.02152	2.20E-04	1.34E-06	1.38E-06	4.19E-07	4.03E-07	7.57E-08	7.52E-08	2.2363E-04
608199.93	4200801.95	12907.19952	0.22694	0.23027	0.04042	0.03902	0.02136	0.02126	2.20E-04	1.37E-06	1.40E-06	3.95E-07	3.79E-07	7.48E-08	7.43E-08	2.2357E-04
608206.8	4200779.15	12901.20277	0.2316	0.23485	0.03808	0.03676	0.02109	0.02099	2.20E-04	1.39E-06	1.43E-06	3.72E-07	3.58E-07	7.38E-08	7.34E-08	2.2348E-04
608213.67	4200756.35	12892.04082	0.23593	0.23909	0.03585	0.0346	0.0208	0.02072	2.20E-04	1.42E-06	1.46E-06	3.50E-07	3.37E-07	7.28E-08	7.24E-08	2.2333E-04
608193.06	4200832.35	12889.58465	0.2191	0.22249	0.04365	0.04215	0.02169	0.02158	2.20E-04	1.32E-06	1.36E-06	4.26E-07	4.10E-07	7.59E-08	7.54E-08	2.2324E-04
608186.19	4200855.15	12888.82463	0.21397	0.21741	0.04622	0.04465	0.02195	0.02183	2.20E-04	1.29E-06	1.33E-06	4.51E-07	4.34E-07	7.69E-08	7.63E-08	2.2321E-04
608199.93	4200809.55	12886.17044	0.22402	0.22735	0.04117	0.03975	0.02143	0.02132	2.20E-04	1.35E-06	1.39E-06	4.02E-07	3.87E-07	7.50E-08	7.45E-08	2.2319E-04
608220.54	4200733.55	12881.95907	0.23991	0.24297	0.03373	0.03256	0.02052	0.02044	2.20E-04	1.44E-06	1.48E-06	3.29E-07	3.17E-07	7.18E-08	7.14E-08	2.2317E-04
608206.8	4200786.75	12880.98223	0.22872	0.23197	0.03881	0.03746	0.02115	0.02106	2.20E-04	1.38E-06	1.42E-06	3.79E-07	3.64E-07	7.41E-08	7.36E-08	2.2312E-04
608213.67	4200763.95	12872.7428	0.23312	0.23629	0.03655	0.03528	0.02087	0.02079	2.19E-04	1.40E-06	1.44E-06	3.57E-07	3.43E-07	7.31E-08	7.27E-08	2.2298E-04
608193.06	4200839.95	12867.43578	0.21619	0.21958	0.04442	0.04291	0.02175	0.02163	2.19E-04	1.30E-06	1.34E-06	4.34E-07	4.17E-07	7.62E-08	7.56E-08	2.2284E-04
608186.19	4200862.75	12865.39663	0.21106	0.21449	0.04702	0.04544	0.022	0.02188	2.19E-04	1.27E-06	1.31E-06	4.59E-07	4.42E-07	7.70E-08	7.65E-08	2.2279E-04
608199.93	4200817.15	12865.06477	0.22113	0.22446	0.04193	0.04049	0.02149	0.02138	2.19E-04	1.33E-06	1.37E-06	4.09E-07	3.94E-07	7.52E-08	7.47E-08	2.2281E-04
608220.54	4200741.15	12863.31688	0.23718	0.24025	0.0344	0.0332	0.02059	0.02051	2.19E-04	1.43E-06	1.47E-06	3.36E-07	3.23E-07	7.21E-08	7.17E-08	2.2283E-04
608206.8	4200794.35	12860.64545	0.22586	0.22912	0.03954	0.03817	0.02122	0.02112	2.19E-04	1.36E-06	1.40E-06	3.86E-07	3.71E-07	7.43E-08	7.38E-08	2.2275E-04
608213.67	4200771.55	12853.516	0.23032	0.23349	0.03725	0.03596	0.02094	0.02085	2.19E-04	1.39E-06	1.42E-06	3.64E-07	3.50E-07	7.33E-08	7.29E-08	2.2264E-04
608193.06	4200847.55	12845.0281	0.21331	0.21669	0.04521	0.04368	0.02181	0.02169	2.19E-04	1.28E-06	1.32E-06	4.42E-07	4.25E-07	7.64E-08	7.58E-08	2.2244E-04
608220.54	4200748.75	12844.19037	0.23444	0.23752	0.03508	0.03386	0.02066	0.02058	2.19E-04	1.41E-06	1.45E-06	3.43E-07	3.29E-07	7.23E-08	7.19E-08	2.2248E-04
608199.93	4200824.75	12843.84008	0.21827	0.22159	0.04269	0.04123	0.02155	0.02144	2.19E-04	1.31E-06	1.35E-06	4.17E-07	4.01E-07	7.55E-08	7.49E-08	2.2243E-04
608186.19	4200870.35	12841.66739	0.20818	0.2116	0.04782	0.04623	0.02206	0.02193	2.19E-04	1.25E-06	1.29E-06	4.67E-07	4.50E-07	7.72E-08	7.66E-08	2.2237E-04
608206.8	4200801.95	12840.10502	0.22302	0.22627	0.04027	0.03889	0.02128	0.02118	2.19E-04	1.34E-06	1.38E-06	3.93E-07	3.78E-07	7.45E-08	7.40E-08	2.2238E-04
608213.67	4200779.15	12833.85394	0.22752	0.23069	0.03796	0.03665	0.02101	0.02092	2.19E-04	1.37E-06	1.41E-06	3.71E-07	3.56E-07	7.36E-08	7.31E-08	2.2228E-04
608220.54	4200756.35	12824.87744	0.2317	0.23479	0.03576	0.03452	0.02073	0.02065	2.19E-04	1.40E-06	1.43E-06	3.49E-07	3.36E-07	7.26E-08	7.22E-08	2.2214E-04
608199.93	4200832.35	12822.62254	0.21543	0.21874	0.04345	0.04198	0.02161	0.02149	2.19E-04	1.30E-06	1.33E-06	4.24E-07	4.08E-07	7.57E-08	7.51E-08	2.2205E-04
608193.06	4200855.15	12822.23822	0.21046	0.21382	0.04599	0.04445	0.02186	0.02174	2.19E-04	1.27E-06	1.30E-06	4.49E-07	4.32E-07	7.65E-08	7.60E-08	2.2203E-04
608206.8	4200809.55	12819.42065	0.22019	0.22344	0.04101	0.03961	0.02135	0.02124	2.19E-04	1.33E-06	1.36E-06	4.00E-07	3.85E-07	7.48E-08	7.42E-08	2.2200E-04
608227.41	4200733.55	12814.59701	0.23553	0.23853	0.03367	0.0325	0.02045	0.02037	2.18E-04	1.42E-06	1.46E-06	3.29E-07	3.16E-07	7.16E-08	7.12E-08	2.2197E-04
608213.67	4200786.75	12813.96486	0.22473	0.22791	0.03868	0.03735	0.02108	0.02098	2.18E-04	1.35E-06	1.39E-06	3.78E-07	3.63E-07	7.38E-08	7.33E-08	2.2192E-04
608220.54	4200763.95	12805.58758	0.22897	0.23207	0.03645	0.03519	0.0208	0.02071	2.18E-04	1.38E-06	1.42E-06	3.56E-07	3.42E-07	7.28E-08	7.24E-08	2.2179E-04
608199.93	4200839.95	12800.83616	0.2126	0.21591	0.04422	0.04273	0.02167	0.02155	2.18E-04	1.28E-06	1.32E-06	4.32E-07	4.16E-07	7.59E-08	7.53E-08	2.2166E-04
608193.06	4200862.75	12799.06652	0.20763	0.21098	0.04678	0.04522	0.02192	0.02179	2.18E-04	1.25E-06	1.29E-06	4.57E-07	4.40E-07	7.67E-08	7.61E-08	2.2162E-04
608206.8	4200817.15	12798.45715	0.21738	0.22063	0.04176	0.04034	0.02141	0.0213	2.18E-04	1.31E-06	1.35E-06	4.08E-07	3.92E-07	7.50E-08	7.44E-08	2.2163E-04
608227.41	4200741.15	12796.16632	0.23289	0.23589	0.03432	0.03314	0.02052	0.02044	2.18E-04	1.40E-06	1.44E-06	3.35E-07	3.22E-07	7.18E-08	7.14E-08	2.2163E-04
608213.67	4200794.35	12793.95648	0.22196	0.22514	0.0394	0.03805	0.02114	0.02104	2.18E-04	1.34E-06	1.37E-06	3.85E-07	3.70E-07	7.40E-08	7.35E-08	2.2156E-04
608220.54	4200771.55	12786.36637	0.22625	0.22935	0.03714	0.03586	0.02087	0.02078	2.18E-04	1.36E-06	1.40E-06	3.63E-07	3.49E-07	7.31E-08	7.26E-08	2.2144E-04
608199.93	4200847.55	12778.792	0.2098	0.2131	0.04499	0.04348	0.02172	0.0216	2.18E-04	1.26E-06	1.30E-06	4.39E-07	4.23E-07	7.60E-08	7.55E-08	2.2126E-04
608227.41	4200748.75	12777.4463	0.23024	0.23325	0.03499	0.03379	0.02059	0.02051	2.18E-04	1.39E-06	1.42E-06	3.42E-07	3.29E-07	7.21E-08	7.17E-08	2.2129E-04
608206.8	4200824.75	12777.16387	0.21459	0.21784	0.04251	0.04107	0.02147	0.02136	2.18E-04	1.29E-06	1.33E-06	4.15E-07	3.99E-07	7.52E-08	7.46E-08	2.2125E-04
608193.06	4200870.35	12775.7131	0.20483	0.20817	0.04757	0.046	0.02197	0.02184	2.18E-04	1.23E-06	1.27E-06	4.65E-07	4.47E-07	7.69E-08	7.63E-08	2.2120E-04
608213.67	4200801.95	12773.6417	0.2192	0.22237	0.04012	0.03876	0.02121	0.0211	2.18E-04	1.32E-06	1.36E-06	3.92E-07	3.77E-07	7.43E-08	7.37E-08	2.2119E-04
608220.54	4200779.15	12766.82602	0.22354	0.22664	0.03784	0.03655	0.02094	0.02084	2.18E-04	1.35E-06	1.38E-06	3.70E-07	3.55E-07	7.33E-08	7.28E-08	2.2109E-04
608227.41	4200756.35	12758.45101	0.22758	0.23061	0.03566	0.03444	0.02066	0.02057	2.17E-04	1.37E-06	1.41E-06	3.48E-07	3.35E-07	7.23E-08	7.19E-08	2.2095E-04
608199.93	4200855.15	12756.27365	0.20703	0.21031	0.04576	0.04424	0.02178	0.02165	2.17E-04	1.25E-06	1.28E-06	4.47E-07	4.30E-07	7.63E-08	7.57E-08	2.2086E-04
608206.8	4200832.35	12756.08019	0.21183	0.21507	0.04326	0.0418	0.02153	0.02141	2.17E-04	1.28E-06	1.31E-06	4.22E-07	4.07E-07	7.54E-08	7.48E-08	2.2087E-04
608213.67	4200809.55	12753.19399	0.21645	0.21963	0.04085	0.03947	0.02127	0.02116	2.17E-04	1.30E-06	1.34E-06	3.99E-07	3.84E-07	7.45E-08	7.39E-08	2.2083E-04
608220.54	4200786.75	12747.26328	0.22083	0.22394	0.03854	0.03723	0.021	0.0209	2.17E-04	1.33E-06	1.37E-06	3.76E-07	3.62E-07	7.35E-08	7.30E-08	2.2073E-04
608227.41	4200763.95	12739.26856	0.22493	0.22796	0.03634	0.0351	0.02073	0.02064	2.17E-04	1.35E-06	1.39E-06	3.55E-07	3.41E-07	7.26E-08	7.21E-08	2.2061E-04
608206.8	4200839.95	12734.85497	0.20909	0.21232	0.04401	0.04254	0.02158	0.02147	2.17E-04	1.26E-06	1.30E-06	4.30E-07	4.14E-07	7.56E-08	7.50E-08	2.2049E-04
608199.93	4200862.75	12733.35961	0.20428	0.20755	0.04654	0.045	0.02183	0.0217	2.17E-04	1.23E-06	1.27E-06	4.54E-07	4.38E-07	7.64E-08	7.58E-08	2.2045E-04
608213.67	4200817.15	12732.46741	0.21372	0.2169	0.04159	0.04019	0.02133	0.02122	2.17E-04	1.29E-06	1.32E-06	4.06E-07	3.91E-07	7.47E-08	7.42E-08	2.2045E-04
608234.28	4200741.15	12729.44233	0.2287	0.23164	0.03425	0.03307	0.02045	0.02037	2.17E-04	1.38E-06	1.41E-06	3.34E-07	3.22E-07	7.16E-08	7.12E-08	2.2044E-04
608220.54	4200794.35	12727.78513	0.21814	0.22125	0.03926	0.03793	0.02107	0.02097	2.17E-04	1.31E-06	1.35E-06	3.83E-07	3.69E-07	7.38E-08	7.33E-08	2.2038E-04

608227.41	4200771.55	12720.0568	0.22229	0.22532	0.03703	0.03577	0.02079	0.0207	2.17E-04	1.34E-06	1.37E-06	3.62E-07	3.48E-07	7.28E-08	7.23E-08	2.2026E-04
608240.38	4200722.19	12716.67085	0.2313	0.23416	0.03258	0.03146	0.02021	0.02014	2.17E-04	1.39E-06	1.43E-06	3.18E-07	3.06E-07	7.08E-08	7.04E-08	2.2022E-04
608206.8	4200847.55	12713.17351	0.20637	0.20959	0.04477	0.04329	0.02164	0.02152	2.17E-04	1.24E-06	1.28E-06	4.37E-07	4.21E-07	7.58E-08	7.52E-08	2.2010E-04
608213.67	4200824.75	12711.41282	0.21101	0.21418	0.04232	0.04091	0.02139	0.02127	2.17E-04	1.27E-06	1.31E-06	4.13E-07	3.98E-07	7.49E-08	7.43E-08	2.2008E-04
608234.28	4200748.75	12711.02807	0.22613	0.22908	0.03491	0.03371	0.02052	0.02044	2.17E-04	1.36E-06	1.40E-06	3.41E-07	3.28E-07	7.18E-08	7.14E-08	2.2011E-04
608199.93	4200870.35	12710.26844	0.20155	0.20482	0.04732	0.04577	0.02188	0.02175	2.17E-04	1.21E-06	1.25E-06	4.62E-07	4.45E-07	7.66E-08	7.60E-08	2.2004E-04
608220.54	4200801.95	12707.80231	0.21546	0.21857	0.03997	0.03863	0.02113	0.02103	2.17E-04	1.30E-06	1.33E-06	3.90E-07	3.76E-07	7.40E-08	7.35E-08	2.2002E-04
608227.41	4200779.15	12700.53228	0.21965	0.22269	0.03772	0.03644	0.02086	0.02077	2.17E-04	1.32E-06	1.36E-06	3.68E-07	3.54E-07	7.30E-08	7.26E-08	2.1991E-04
608240.73	4200729.53	12695.45718	0.22868	0.23155	0.03319	0.03205	0.02028	0.0202	2.16E-04	1.38E-06	1.41E-06	3.24E-07	3.12E-07	7.10E-08	7.06E-08	2.1984E-04
608234.28	4200756.35	12692.34375	0.22356	0.22652	0.03557	0.03436	0.02059	0.0205	2.16E-04	1.35E-06	1.38E-06	3.47E-07	3.34E-07	7.21E-08	7.16E-08	2.1977E-04
608206.8	4200855.15	12690.92045	0.20367	0.20688	0.04554	0.04404	0.02169	0.02157	2.16E-04	1.23E-06	1.26E-06	4.45E-07	4.28E-07	7.59E-08	7.54E-08	2.1970E-04
608213.67	4200832.35	12690.2553	0.20832	0.21149	0.04307	0.04164	0.02144	0.02133	2.16E-04	1.25E-06	1.29E-06	4.21E-07	4.05E-07	7.51E-08	7.45E-08	2.1970E-04
608220.54	4200809.55	12687.59153	0.2128	0.2159	0.04069	0.03933	0.02119	0.02108	2.16E-04	1.28E-06	1.32E-06	3.97E-07	3.83E-07	7.42E-08	7.37E-08	2.1966E-04
608227.41	4200786.75	12681.18518	0.21703	0.22007	0.03841	0.03712	0.02092	0.02083	2.16E-04	1.31E-06	1.34E-06	3.75E-07	3.61E-07	7.32E-08	7.28E-08	2.1956E-04
608234.28	4200763.95	12673.56637	0.221	0.22396	0.03624	0.03501	0.02066	0.02057	2.16E-04	1.33E-06	1.37E-06	3.54E-07	3.40E-07	7.23E-08	7.19E-08	2.1944E-04
608213.67	4200839.95	12669.3766	0.20566	0.20882	0.04381	0.04237	0.0215	0.02138	2.16E-04	1.24E-06	1.27E-06	4.28E-07	4.12E-07	7.53E-08	7.47E-08	2.1932E-04
608206.8	4200862.75	12668.2602	0.201	0.2042	0.0463	0.04479	0.02175	0.02162	2.16E-04	1.21E-06	1.25E-06	4.52E-07	4.36E-07	7.62E-08	7.56E-08	2.1930E-04
608220.54	4200817.15	12667.10109	0.21015	0.21325	0.04141	0.04004	0.02125	0.02114	2.16E-04	1.27E-06	1.30E-06	4.04E-07	3.89E-07	7.44E-08	7.39E-08	2.1929E-04
608241.15	4200741.15	12663.441	0.22462	0.2275	0.03417	0.033	0.02038	0.0203	2.16E-04	1.35E-06	1.39E-06	3.34E-07	3.21E-07	7.14E-08	7.09E-08	2.1927E-04
608227.41	4200794.35	12661.92287	0.21442	0.21746	0.03911	0.0378	0.02099	0.02089	2.16E-04	1.29E-06	1.33E-06	3.82E-07	3.68E-07	7.35E-08	7.30E-08	2.1921E-04
608234.28	4200771.55	12654.56924	0.21843	0.2214	0.03692	0.03567	0.02072	0.02063	2.16E-04	1.32E-06	1.35E-06	3.61E-07	3.47E-07	7.25E-08	7.21E-08	2.1909E-04
608213.67	4200847.55	12648.16029	0.20302	0.20616	0.04456	0.0431	0.02156	0.02144	2.16E-04	1.22E-06	1.26E-06	4.35E-07	4.19E-07	7.55E-08	7.49E-08	2.1895E-04
608220.54	4200824.75	12646.27833	0.20751	0.21061	0.04214	0.04075	0.02131	0.02119	2.16E-04	1.25E-06	1.28E-06	4.12E-07	3.96E-07	7.46E-08	7.41E-08	2.1892E-04
608206.8	4200870.35	12645.42899	0.19835	0.20154	0.04707	0.04554	0.0218	0.02167	2.16E-04	1.19E-06	1.23E-06	4.60E-07	4.43E-07	7.63E-08	7.57E-08	2.1889E-04
608241.15	4200748.75	12645.02768	0.22213	0.22501	0.03482	0.03364	0.02045	0.02037	2.16E-04	1.34E-06	1.37E-06	3.40E-07	3.27E-07	7.16E-08	7.12E-08	2.1893E-04
608227.41	4200801.95	12642.47369	0.21182	0.21486	0.03982	0.03849	0.02105	0.02095	2.16E-04	1.28E-06	1.31E-06	3.89E-07	3.74E-07	7.37E-08	7.32E-08	2.1886E-04
608248.42	4200723.59	12636.54902	0.22599	0.22877	0.03262	0.03151	0.02014	0.02007	2.15E-04	1.36E-06	1.40E-06	3.19E-07	3.06E-07	7.05E-08	7.01E-08	2.1879E-04
608234.28	4200779.15	12635.36549	0.21587	0.21884	0.0376	0.03633	0.02079	0.02069	2.15E-04	1.30E-06	1.33E-06	3.67E-07	3.53E-07	7.28E-08	7.23E-08	2.1875E-04
608241.15	4200756.35	12626.6514	0.21964	0.22253	0.03547	0.03427	0.02052	0.02043	2.15E-04	1.32E-06	1.36E-06	3.46E-07	3.33E-07	7.18E-08	7.14E-08	2.1860E-04
608213.67	4200855.15	12626.16853	0.20039	0.20353	0.04531	0.04384	0.02161	0.02149	2.15E-04	1.21E-06	1.24E-06	4.42E-07	4.26E-07	7.57E-08	7.51E-08	2.1855E-04
608220.54	4200832.35	12625.14555	0.2049	0.20799	0.04287	0.04147	0.02136	0.02125	2.15E-04	1.23E-06	1.27E-06	4.19E-07	4.03E-07	7.48E-08	7.43E-08	2.1854E-04
608227.41	4200809.55	12622.59581	0.20923	0.21227	0.04053	0.03919	0.02111	0.021	2.15E-04	1.26E-06	1.29E-06	3.96E-07	3.81E-07	7.39E-08	7.34E-08	2.1851E-04
608248.07	4200730.93	12622.27993	0.22387	0.22667	0.03323	0.0321	0.02022	0.02014	2.15E-04	1.35E-06	1.38E-06	3.25E-07	3.12E-07	7.08E-08	7.04E-08	2.1854E-04
608234.28	4200786.75	12616.03001	0.21332	0.21629	0.03828	0.037	0.02085	0.02075	2.15E-04	1.28E-06	1.32E-06	3.74E-07	3.60E-07	7.30E-08	7.25E-08	2.1840E-04
608241.15	4200763.95	12608.37218	0.21715	0.22005	0.03614	0.03492	0.02058	0.02049	2.15E-04	1.31E-06	1.34E-06	3.53E-07	3.40E-07	7.21E-08	7.16E-08	2.1827E-04
608220.54	4200839.95	12604.61194	0.20231	0.20539	0.04361	0.04219	0.02142	0.0213	2.15E-04	1.22E-06	1.25E-06	4.26E-07	4.10E-07	7.50E-08	7.44E-08	2.1818E-04
608213.67	4200862.75	12603.76378	0.19779	0.20092	0.04606	0.04458	0.02166	0.02153	2.15E-04	1.19E-06	1.23E-06	4.50E-07	4.34E-07	7.58E-08	7.52E-08	2.1815E-04
608227.41	4200817.15	12602.33841	0.20665	0.20969	0.04124	0.03989	0.02117	0.02106	2.15E-04	1.24E-06	1.28E-06	4.03E-07	3.88E-07	7.41E-08	7.36E-08	2.1814E-04
608248.02	4200741.15	12598.25102	0.22065	0.22346	0.03409	0.03293	0.02031	0.02023	2.15E-04	1.33E-06	1.36E-06	3.33E-07	3.20E-07	7.11E-08	7.07E-08	2.1810E-04
608234.28	4200794.35	12596.67441	0.21078	0.21375	0.03898	0.03768	0.02091	0.02081	2.15E-04	1.27E-06	1.30E-06	3.81E-07	3.66E-07	7.32E-08	7.27E-08	2.1805E-04
608241.15	4200771.55	12589.79282	0.21467	0.21757	0.0368	0.03557	0.02065	0.02056	2.15E-04	1.29E-06	1.33E-06	3.59E-07	3.46E-07	7.23E-08	7.18E-08	2.1794E-04
608220.54	4200847.55	12583.64809	0.19974	0.20281	0.04435	0.04291	0.02147	0.02135	2.15E-04	1.20E-06	1.24E-06	4.33E-07	4.17E-07	7.52E-08	7.46E-08	2.1780E-04
608227.41	4200824.75	12581.74793	0.20409	0.20712	0.04196	0.04059	0.02123	0.02111	2.14E-04	1.23E-06	1.26E-06	4.10E-07	3.95E-07	7.43E-08	7.38E-08	2.1778E-04
608213.67	4200870.35	12581.18361	0.19521	0.19833	0.04682	0.04532	0.02171	0.02158	2.14E-04	1.18E-06	1.21E-06	4.57E-07	4.41E-07	7.60E-08	7.54E-08	2.1775E-04
608248.02	4200748.75	12579.839	0.21823	0.22105	0.03473	0.03356	0.02038	0.02029	2.14E-04	1.31E-06	1.35E-06	3.39E-07	3.26E-07	7.14E-08	7.09E-08	2.1777E-04
608234.28	4200801.95	12577.75435	0.20826	0.21123	0.03967	0.03836	0.02097	0.02087	2.14E-04	1.25E-06	1.29E-06	3.87E-07	3.73E-07	7.34E-08	7.29E-08	2.1771E-04
608241.15	4200779.15	12570.80449	0.21218	0.21509	0.03748	0.03623	0.02071	0.02062	2.14E-04	1.28E-06	1.31E-06	3.66E-07	3.52E-07	7.25E-08	7.21E-08	2.1760E-04
608255.76	4200725.34	12562.83782	0.22115	0.22387	0.03269	0.03159	0.02009	0.02001	2.14E-04	1.33E-06	1.37E-06	3.19E-07	3.07E-07	7.03E-08	6.99E-08	2.1748E-04
608220.54	4200855.15	12562.01311	0.19718	0.20025	0.04509	0.04364	0.02152	0.0214	2.14E-04	1.19E-06	1.22E-06	4.40E-07	4.24E-07	7.53E-08	7.48E-08	2.1742E-04
608248.02	4200756.35	12561.76574	0.21582	0.21864	0.03538	0.03419	0.02045	0.02036	2.14E-04	1.30E-06	1.33E-06	3.46E-07	3.33E-07	7.16E-08	7.12E-08	2.1745E-04
608227.41	4200832.35	12560.94524	0.20155	0.20457	0.04268	0.0413	0.02128	0.02117	2.14E-04	1.21E-06	1.25E-06	4.17E-07	4.02E-07	7.45E-08	7.40E-08	2.1740E-04
608234.28	4200809.55	12558.20532	0.20575	0.20872	0.04037	0.03905	0.02103	0.02093	2.14E-04	1.24E-06	1.27E-06	3.94E-07	3.80E-07	7.36E-08	7.31E-08	2.1736E-04
608241.15	4200786.75	12551.58276	0.20971	0.21261	0.03816	0.03689	0.02077	0.02068	2.14E-04	1.26E-06	1.30E-06	3.73E-07	3.59E-07	7.27E-08	7.23E-08	2.1726E-04
608255.41	4200731.98	12550.6033	0.21931	0.22205	0.03324	0.03212	0.02015	0.02008	2.14E-04	1.32E-06	1.35E-06	3.25E-07	3.12E-07	7.06E-08	7.02E-08	2.1726E-04
608248.02	4200763.95	12543.78203	0.21341	0.21624	0.03603	0.03483	0.02051	0.02042	2.14E-04	1.29E-06	1.32E-06	3.52E-07	3.39E-07	7.18E-08	7.14E-08	2.1713E-04
608227.41	4200839.95	12540.34901	0.19903	0.20205	0.04341	0.04201	0.02134	0.02122	2.14E-04	1.20E-06	1.23E-06	4.24E-07	4.09E-07	7.47E-08	7.42E-08	2.1704E-04
608220.54	4200862.75	12539.85963	0.19465	0.19771	0.04583	0.04437	0.02158	0.02145	2.14E-04	1.17E-06	1.21E-06	4.48E-07	4.32E-07	7.56E-08	7.50E-08	2.1702E-04
608234.28	4200817.15	12538.27385	0.20324	0.20621	0.04108	0.03974	0.02109	0.02098	2.14E-04	1.22E-06	1.26E-06	4.01E-07	3.87E-07	7.38E-08	7.33E-08	2.1701E-04
608254.89	4200741.15	12533.76704	0.21678	0.21953	0.034	0.03287	0.02024	0.02016	2.14E-04	1.31E-06	1.34E-06	3.32E-07	3.20E-07	7.09E-08	7.05E-08	2.1696E-04
608241.15	4200794.35	12532.43602	0.20724	0.21014	0.03884	0.03756	0.02084	0.02074	2.14E-04	1.25E-06	1.28E-06	3.79E-07	3.65E-07	7.30E-08	7.25E-08	2.1691E-04
608248.02	4200771.55	12525.51336	0.21099	0.21383	0.03669	0.03547	0.02058	0.02048	2.14E-04	1.27E-06	1.30E-06	3.58E-07	3.45E-07	7.21E-08	7.16E-08	2.1680E-04
608227.41	4200847.55	12519.62496	0.19653	0.19954	0.04413	0.04272	0.02139	0.02127	2.13E-04	1.18E-06	1.22E-06	4.31E-07	4.15E-07	7.49E-08	7.43E-08	2.1667E-04
608234.28	4200824.75	12517.81046	0.20075	0.20371	0.04178	0.04043	0.02115	0.02103	2.13E-04	1.21E-06	1.24E-06	4.08E-07	3.93E-07	7.41E-08	7.35E-08	2.1664E-04
608220.54	4200870.35	12517.52733	0.19214	0.19519	0.04657	0.0451	0.02162	0.02149	2.13E-04	1.16E-06	1.19E-06	4.55E-07	4.39E-07	7.57E-08	7.51E-08	2.1662E-04
608254.89	4200748.75	12515.5592	0.21443	0.21719	0.03464	0.03349	0.02031	0.02022	2.13E-04	1.29E-06	1.32E-06	3.38E-07	3.26E-07	7.11E-08	7.07E-08	2.1663E-04
608241.15	4200801.95	12513.63728	0.20479	0.20769	0.03952	0.03823	0.0209	0.02079	2.13E-04	1.23E-06	1.27E-06	3.86E-07	3.72E-07	7.32E-08	7.27E-08	2.1658E-04
608248.02	4200779.15	12506.74281	0.20858	0.21142	0.03736	0.03612	0.02064	0.02054	2.13E-04	1.26E-06	1.29E-06	3.65E-07	3.51E-07	7.23E-08	7.18E-08	2.1646E-04
608227.41	4200855.15	12498.444	0.19405	0.19705	0.04486	0.04344	0.02144	0.02132	2.13E-04	1.17E-06	1.20E-06	4.38E-07	4.22E-07	7.51E-08	7.45E-08	2.1629E-04
608254.89	4200756.35	12497.58309	0.21209	0.21485	0.03528	0.03411	0.02037	0.02029	2.13E-04	1.28E-06	1.31E-06	3.45E-07	3.32E-07	7.13E-08	7.09E-08	2.1631E-04
608234.28	4200832.35	12497.23363	0.19828	0.20124	0.04249	0.04113	0.0212	0.02109	2.13E-04	1.19E-06	1.23E-06	4.15E-07	4.00E-07	7.42E-08	7.37E-08	2.1627E-04
608241.15	4200809.55	12494.4122	0.20235	0.20525	0.04021	0.03891	0.02095	0.02085	2.13E-04	1.22E-06	1.25E-06	3.93E-07	3.78E-07	7.34E-08	7.29E-08	2.1623E-04
608248.02	4200786.75	12487.73117	0.20618	0.20902	0.03803	0.03678	0.0207	0.0206	2.13E-04	1.24E-06	1.28E-06	3.71E-07	3.58E-07	7.25E-08	7.20E-08	2.1612E-04
608254.89	4200763.95	12479.6862	0.20975	0.21252	0.03593	0.03474	0.02044	0.02035	2.13E-04	1.26E-06	1.30E-06	3.51E-07	3.38E-07	7.16E-08	7.11E-08	2.1599E-04
608234.28	4200839.95	12476.57294	0.19583	0.19877	0.04321	0.04183	0.02125	0.02114	2.13E-04	1.18E-06	1.21E-06	4.22E-07	4.07E-07	7.44E-08	7.39E-08	2.1591E-04
608227.41	4200862.75	12476.53928	0.19159	0.19457	0.04559	0.04416	0.02149	0.02136	2.13E-04	1.15E-06	1.19E-06	4.45E-07	4.29E-07	7.52E-08	7.46E-08	2.1590E-04
608241.15	4200817.15	12474.70235	0.19991	0.20281	0.04091	0.03959	0.02101	0.0209	2.13E-04	1.20E-06	1.24E-06	4.00E-07	3.85E-07	7.36E-08	7.30E-08	2.1588E-04
608261.76	4200741.15	12469.8813	0.21301	0.2157	0.03392	0.0328	0.02017	0.02009	2.13E-04	1.28E-06	1.32E-06	3.31E-07	3.19E-07	7.06E-08	7.02E-08	2.1582E-04
608248.02	4200794.35	12468.79082	0.20378	0.20662	0.0387	0.03743	0.02076	0.02066	2.13E-04	1.23E-06	1.26E-06	3.78E-07	3.64E-07	7.27E-08	7.22E-08	2.1578E-04
608254.89	4200771.55	12461.72594	0.20741	0.21018	0.03658	0.03538	0.0205	0.02041	2.12E-04	1.25E-06	1.28E-06	3.57E-07	3.44E-07	7.18E-08	7.13E-08	2.1566E-04
608234.28	4200847.55	12455.98792	0.19339	0.19633	0.04392	0.04253	0.02131	0.02119	2.12E-04	1.16E-06	1.20E-06	4.29E-07	4.14E-07	7.46E-08	7.41E-08	2.1554E-04
608241.15	4200824.75	12454.56251	0.19749	0.20039	0.0416	0.04027	0.02107	0.02095	2.12E-04	1.19E-06	1.22E-06	4.06E-07	3.92E-07	7.38E-08	7.32E-08	2.1552E-04
608227.41	4200870.35	12454.45383	0.18914	0.19212	0.04633	0.04488	0.02154	0.02141	2.12E-04	1.14E-06	1.17E-06	4.52E-07	4.36E-07	7.54E-08	7.48E-08	2.1551E-04
608261.76	4200748.75	12451.97364	0.21073	0.21343	0.03455	0.03341	0.02024	0.02016	2.12E-04	1.27E-06	1.30E-06	3.37E-07	3.25E-07	7.09E-08	7.05E-08	2.1550E-04
608248.02	4200801.95	12449.91112	0.20139	0.20423	0.03938	0.0381	0.02082	0.02072	2.12E-04	1.21E-06	1.25E-06	3.85E-07	3.71E-07	7.29E-08	7.24E-08	2.1544E-04
608254.89	4200779.15	12443.27202	0.20507	0.20784	0.03724	0.03602	0.02057	0.02047	2.12E-04	1.23E-06	1.27E-06	3.64E-07	3.50E-07	7.20E-08	7.15E-08	2.1533E-04
608234.28	4200855.15	12435.25676	0.19098	0.19391	0.04464	0.04324	0.02136	0.02123	2.12E-04	1.15E-06	1.18E-06	4.36E-07	4.21E-07	7.48E-08	7.42E-08	2.1517E-04
608241.15	4200832.35	12434.21238	0.19509	0.19798	0.0423	0.04096	0.02112	0.02101	2.12E-04	1.17E-06	1.21E-06	4.13E-07	3.98E-07	7.39E-08	7.34E-08	2.1516E-04
608261.76	4200756.35	12433.99433	0.20845	0.21116	0.03518	0.03403	0.0203	0.02022	2.12E-04	1.26E-06	1.29E-06	3.44E-07	3.31E-07	7.11E-08	7.07E-08	2.1518E-04
608248.02	4200809.55	12431.0098	0.19902	0.20186	0.04006	0.03877	0.02088	0.02077	2.12E-04	1.20E-06	1.23E-06	3.91E-07	3.77E-07	7.31E-08	7.26E-08	2.1511E-04
608254.89	4200786.75	12424.56161	0.20273	0.20551	0.0379	0.03666	0.02063	0.02053	2.12E-04	1.22E-06	1.25E-06	3.70E-07	3.57E-07	7.22E-08	7.17E-08	2.1500E-04
608261.76	4200763.95	12416.0803	0.20618	0.20889	0.03582	0.03465	0.02037	0.02028	2.12E-04	1.24E-06	1.27E-06	3.50E-07	3.37E-07	7.13E-08	7.09E-08	2.1486E-04
608234.28	4200862.75	12413.80395	0.18858	0.1915	0.04536	0.04395	0.02141	0.02128	2.12E-04	1.14E-06	1.17E-06	4.43E-07	4.27E-07	7.50E-08	7.44E-08	2.1479E-04
608241.15	4200839.95	12413.68201	0.1927	0.19558	0.04301	0.04165	0.02117	0.02106	2.12E-04	1.16E-06	1.19E-06	4.20E-07	4.05E-07	7.41E-08	7.36E-08	2.1479E-04
608248.02	4200817.15	12411.61743	0.19666	0.19949	0.04074	0.03944	0.02093	0.02082	2.12E-04	1.18E-06	1.22E-06	3.98E-07	3.84E-07	7.33E-08	7.28E-08	2.1476E-04
608268.63	4200741.15	12406.08854	0.20932	0.21195	0.03384	0.03273	0.0201	0.02002	2.11E-04	1.26E-06	1.29E-06	3.30E-07	3.18E-07	7.04E-08	7.00E-08	2.1469E-04
608254.89	4200794.35	12405.72822	0.2004	0.20318	0.03856	0.03731	0.02068	0.02058	2.11E-04	1.21E-06	1.24E-06	3.77E-07	3.63E-07	7.24E-08	7.19E-08	2.1466E-04
608261.76	4200771.55	12398.42993	0.20391	0.20662	0.03647	0.03528	0.02043	0.02034	2.11E-04	1.23E-06	1.26E-06	3.56E-07	3.43E-07	7.15E-08	7.11E-08	2.1454E-04
608241.15	4200847.55	12393.13644	0.19033	0.1932	0.04371	0.04234	0.02122	0.0211	2.11E-04	1.15E-06	1.18E-06	4.27E-07	4.12E-07	7.43E-08	7.37E-08	2.1443E-04
608234.28	4200870.35	12392.05859	0.18621	0.18912	0.04608	0.04466	0.02145	0.02132	2.11E-04	1.12E-06	1.15E-06	4.50E-07	4.34E-07	7.51E-08	7.45E-08	2.1440E-04
608248.02	4200824.75	12391.79764	0.1943	0.19714	0.04143	0.04011	0.02099	0.02088	2.11E-04	1.17E-06	1.20E-06	4.05E-07	3.90E-07	7.35E-08	7.30E-08	2.1441E-04
608268.63	4200748.75	12388.57515	0.20711	0.20975	0.03446	0.03333	0.02017	0.02009	2.11E-04	1.25E-06	1.28E-06	3.37E-07	3.24E-07	7.06E-08	7.02E-08	2.1437E-04
608254.89	4200801.95	12386.7669	0.19808	0.20086	0.03923	0.03797	0.02074	0.02064	2.11E-04	1.19E-06	1.23E-06	3.83E-07	3.69E-07	7.26E-08	7.21E-08	2.1433E-04
608261.76	4200779.15	12380.28616	0.20163	0.20435	0.03711	0.03591	0.02049	0.0204	2.11E-04	1.21E-06	1.25E-06	3.62E-07	3.49E-07	7.17E-08	7.13E-08	2.1422E-04
608241.15	4200855.15	12372.33786	0.18798	0.19084	0.04442	0.04304	0.02127	0.02115	2.11E-04	1.13E-06	1.16E-06	4.34E-07	4.19E-07	7.45E-08	7.39E-08	2.1406E-04
608248.02	4200832.35	12371.67019	0.19196	0.19479	0.04212	0.04079	0.02104	0.02093	2.11E-04	1.16E-06	1.19E-06	4.11E-07	3.97E-07	7.37E-08	7.31E-08	2.1405E-04
608268.63	4200756.35	12370.98087	0.20491	0.20755	0.03508	0.03394	0.02023	0.02015	2.11E-04	1.23E-06	1.27E-06	3.43E-07	3.30E-07	7.08E-08	7.04E-08	2.1406E-04
608254.89	4200809.55	12368.08697	0.19577	0.19855	0.0399	0.03863	0.0208	0.02069	2.11E-04	1.18E-06	1.21E-06	3.90E-07	3.76E-07	7.28E-08	7.23E-08	2.1399E-04
608261.76	4200786.75	12361.87108	0.19937	0.20208	0.03777	0.03655	0.02055	0.02045	2.11E-04	1.20E-06	1.23E-06	3.69E-07	3.55E-07	7.20E-08	7.15E-08	2.1389E-04
608275.5	4200733.55	12360.35544	0.20786	0.21043	0.03315	0.03206	0.01997	0.01989	2.11E-04	1.25E-06	1.28E-06	3.24E-07	3.12E-07	6.99E-08	6.95E-08	2.1388E-04
608268.63	4200763.95	12353.15753	0.20269	0.20535	0.03572	0.03456	0.0203	0.02021	2.11E-04	1.22E-06	1.25E-06	3.49E-07	3.36E-07	7.11E-08	7.06E-08	2.1374E-04
608248.02	4200839.95	12351.47206	0.18964	0.19246	0.04282	0.04147	0.02109	0.02097	2.11E-04	1.14E-06	1.17E-06	4.18E-07	4.03E-07	7.38E-08	7.33E-08	2.1369E-04
608241.15	4200862.75	12351.43528	0.18565	0.1885	0.04513	0.04374	0.02132	0.0212	2.11E-04	1.12E-06	1.15E-06	4.41E-07	4.25E-07	7.46E-08	7.41E-08	2.1369E-04
608254.89	4200817.15	12349.00699	0.19347	0.19625	0.04058	0.03929	0.02085	0.02075	2.11E-04	1.16E-06	1.20E-06	3.96E-07	3.82E-07	7.30E-08	7.25E-08	2.1365E-04
608261.76	4200794.35	12343.24618	0.1971	0.19982	0.03842	0.03719	0.02061	0.02051	2.10E-04	1.19E-06	1.22E-06	3.75E-07	3.62E-07	7.22E-08	7.17E-08	2.1356E-04
608275.5	4200741.15	12342.88162	0.20572	0.2083	0.03375	0.03266	0.02003	0.01995	2.10E-04	1.24E-06	1.27E-06	3.30E-07	3.18E-07	7.01E-08	6.97E-08	2.1356E-04
608268.63	4200771.55	12335.91047	0.20049	0.20315	0.03635	0.03518	0.02036	0.02027	2.10E-04	1.21E-06	1.24E-06	3.55E-07	3.42E-07	7.13E-08	7.08E-08	2.1343E-04
608248.02	4200847.55	12330.96079	0.18733	0.19014	0.04351	0.04216	0.02114	0.02102	2.10E-04	1.13E-06	1.16E-06	4.25E-07	4.10E-07	7.40E-08	7.35E-08	2.1333E-04
608241.15	4200870.35	12330.03217	0.18334	0.18618	0.04584	0.04444	0.02137	0.02124	2.10E-04	1.10E-06	1.14E-06	4.48E-07	4.32E-07	7.48E-08	7.42E-08	2.1331E-04
608254.89	4200824.75	12329.60812	0.19119	0.19396	0.04126	0.03996	0.02091	0.0208	2.10E-04	1.15E-06	1.18E-06	4.03E-07	3.89E-07	7.32E-08	7.27E-08	2.1331E-04
608275.5	4200748.75	12325.85704	0.20359	0.20617	0.03437	0.03325	0.0201	0.02002	2.10E-04	1.23E-06	1.26E-06	3.36E-07	3.23E-07	7.04E-08	7.00E-08	2.1326E-04
608261.76	4200801.95	12324.40081	0.19484	0.19756	0.03908	0.03784	0.02067	0.02056	2.10E-04	1.17E-06	1.21E-06	3.82E-07	3.68E-07	7.24E-08	7.18E-08	2.1322E-04
608268.63	4200779.15	12317.97139	0.19828	0.20094	0.03699	0.03581	0.02042	0.02032	2.10E-04	1.19E-06	1.23E-06	3.61E-07	3.48E-07	7.15E-08	7.10E-08	2.1311E-04
608248.02	4200855.15	12310.29499	0.18504	0.18784	0.04421	0.04284	0.02119	0.02107	2.10E-04	1.11E-06	1.15E-06	4.32E-07	4.17E-07	7.42E-08	7.36E-08	2.1296E-04
608254.89	4200832.35	12309.69943	0.18891	0.19168	0.04194	0.04062	0.02096	0.02085	2.10E-04	1.14E-06	1.17E-06	4.10E-07	3.95E-07	7.34E-08	7.29E-08	2.1295E-04
608275.5	4200756.35	12308.64108	0.20144	0.20403	0.03499	0.03386	0.02016	0.02008	2.10E-04	1.21E-06	1.24E-06	3.42E-07	3.29E-07	7.06E-08	7.02E-08	2.1295E-04
608261.76	4200809.55	12305.73374	0.1926	0.19531	0.03975	0.03849	0.02072	0.02062	2.10E-04	1.16E-06	1.19E-06	3.88E-07	3.74E-07	7.25E-08	7.21E-08	2.1289E-04
608268.63	4200786.75	12299.75122	0.19608	0.19874	0.03764	0.03644	0.02048	0.02038	2.10E-04	1.18E-06	1.21E-06	3.68E-07	3.54E-07	7.17E-08	7.12E-08	2.1279E-04
608282.37	4200733.55	12298.1314	0.2043	0.20681	0.03307	0.032	0.0199	0.01982	2.10E-04	1.23E-06	1.26E-06	3.23E-07	3.11E-07	6.97E-08	6.93E-08	2.1277E-04
608275.5	4200763.95	12291.10736	0.1993	0.20189	0.03561	0.03447	0.02023	0.02014	2.10E-04	1.20E-06	1.23E-06	3.48E-07	3.35E-07	7.08E-08	7.04E-08	2.1264E-04
608254.89	4200839.95	12289.73459	0.18665	0.18941	0.04262	0.0413	0.02101	0.02089	2.10E-04	1.12E-06	1.16E-06	4.16E-07	4.02E-07	7.36E-08	7.30E-08	2.1260E-04
608248.02	4200862.75	12289.42751	0.18277	0.18556	0.04491	0.04353	0.02124	0.02111	2.09E-04	1.10E-06	1.13E-06	4.39E-07	4.23E-07	7.44E-08	7.38E-08	2.1259E-04
608261.76	4200817.15	12286.8616	0.19036	0.19307	0.04041	0.03914	0.02078	0.02067	2.09E-04	1.15E-06	1.18E-06	3.95E-07	3.81E-07	7.28E-08	7.22E-08	2.1255E-04
608268.63	4200794.35	12281.33092	0.19388	0.19654	0.03828	0.03707	0.02054	0.02043	2.09E-04	1.17E-06	1.20E-06	3.74E-07	3.61E-07	7.19E-08	7.14E-08	2.1246E-04
608282.37	4200741.15	12280.75221	0.20222	0.20474	0.03367	0.03258	0.01997	0.01988	2.09E-04	1.22E-06	1.25E-06	3.29E-07	3.17E-07	6.99E-08	6.95E-08	2.1246E-04
608275.5	4200771.55	12273.76436	0.19715	0.19975	0.03624	0.03508	0.02029	0.02019	2.09E-04	1.19E-06	1.22E-06	3.54E-07	3.41E-07	7.10E-08	7.06E-08	2.1233E-04
608254.89	4200847.55	12269.55399	0.1844	0.18715	0.04331	0.04197	0.02106	0.02094	2.09E-04	1.11E-06	1.14E-06	4.23E-07	4.08E-07	7.37E-08	7.32E-08	2.1224E-04
608248.02	4200870.35	12268.4655	0.18052	0.1833	0.0456	0.04422	0.02128	0.02116	2.09E-04	1.09E-06	1.12E-06	4.45E-07	4.30E-07	7.45E-08	7.39E-08	2.1222E-04
608261.76	4200824.75	12267.88016	0.18814	0.19085	0.04108	0.0398	0.02083	0.02072	2.09E-04	1.13E-06	1.16E-06	4.01E-07	3.87E-07	7.29E-08	7.24E-08	2.1221E-04
608282.37	4200748.75	12263.81916	0.20014	0.20267	0.03428	0.03318	0.02003	0.01995	2.09E-04	1.21E-06	1.24E-06	3.35E-07	3.23E-07	7.01E-08	6.97E-08	2.1216E-04
608268.63	4200801.95	12262.80516	0.19168	0.19434	0.03893	0.03771	0.02059	0.02049	2.09E-04	1.15E-06	1.19E-06	3.80E-07	3.67E-07	7.21E-08	7.16E-08	2.1213E-04
608275.5	4200779.15	12256.12775	0.19501	0.19761	0.03687	0.0357	0.02035	0.02025	2.09E-04	1.17E-06	1.21E-06	3.60E-07	3.47E-07	7.13E-08	7.08E-08	2.1201E-04
608254.89	4200855.15	12248.91594	0.18217	0.18491	0.04399	0.04265	0.02111	0.02099	2.09E-04	1.10E-06	1.13E-06	4.30E-07	4.15E-07	7.39E-08	7.34E-08	2.1187E-04
608261.76	4200832.35	12248.29302	0.18593	0.18863	0.04175	0.04046	0.02088	0.02077	2.09E-04	1.12E-06	1.15E-06	4.08E-07	3.94E-07	7.31E-08	7.26E-08	2.1187E-04
608282.37	4200756.35	12246.77832	0.19806	0.2006	0.03489	0.03377	0.02009	0.02001	2.09E-04	1.19E-06	1.22E-06	3.41E-07	3.28E-07	7.03E-08	6.99E-08	2.1185E-04
608268.63	4200809.55	12244.04661	0.1895	0.19215	0.03959	0.03835	0.02065	0.02054	2.09E-04	1.14E-06	1.17E-06	3.87E-07	3.73E-07	7.23E-08	7.18E-08	2.1179E-04
608275.5	4200786.75	12238.19804	0.19287	0.19547	0.03751	0.03632	0.0204	0.02031	2.09E-04	1.16E-06	1.19E-06	3.66E-07	3.53E-07	7.14E-08	7.10E-08	2.1170E-04
608289.24	4200733.55	12236.66709	0.20082	0.20328	0.03299	0.03193	0.01984	0.01976	2.09E-04	1.21E-06	1.24E-06	3.22E-07	3.11E-07	6.95E-08	6.91E-08	2.1168E-04
608282.37	4200763.95	12229.43147	0.19598	0.19852	0.0355	0.03437	0.02015	0.02006	2.08E-04	1.18E-06	1.21E-06	3.47E-07	3.34E-07	7.06E-08	7.01E-08	2.1154E-04
608261.76	4200839.95	12228.55802	0.18373	0.18642	0.04243	0.04112	0.02093	0.02081	2.08E-04	1.11E-06	1.14E-06	4.14E-07	4.00E-07	7.33E-08	7.27E-08	2.1152E-04
608254.89	4200862.75	12228.08139	0.17996	0.18269	0.04468	0.04333	0.02115	0.02103	2.08E-04	1.08E-06	1.11E-06	4.36E-07	4.21E-07	7.41E-08	7.35E-08	2.1151E-04
608268.63	4200817.15	12225.38039	0.18732	0.18998	0.04025	0.03899	0.0207	0.02059	2.08E-04	1.13E-06	1.16E-06	3.93E-07	3.79E-07	7.25E-08	7.20E-08	2.1146E-04
608275.5	4200794.35	12219.98071	0.19073	0.19333	0.03814	0.03695	0.02046	0.02036	2.08E-04	1.15E-06	1.18E-06	3.72E-07	3.59E-07	7.16E-08	7.12E-08	2.1137E-04
608289.24	4200741.15	12219.3862	0.1988	0.20127	0.03359	0.03251	0.0199	0.01982	2.08E-04	1.20E-06	1.23E-06	3.28E-07	3.16E-07	6.97E-08	6.93E-08	2.1137E-04
608282.37	4200771.55	12211.99223	0.19389	0.19644	0.03612	0.03498	0.02021	0.02012	2.08E-04	1.17E-06	1.20E-06	3.53E-07	3.40E-07	7.08E-08	7.03E-08	2.1123E-04
608261.76	4200847.55	12208.60864	0.18154	0.18423	0.0431	0.04179	0.02098	0.02086	2.08E-04	1.09E-06	1.12E-06	4.21E-07	4.06E-07	7.35E-08	7.29E-08	2.1116E-04
608254.89	4200870.35	12207.35032	0.17777	0.18049	0.04537	0.04401	0.0212	0.02107	2.08E-04	1.07E-06	1.10E-06	4.43E-07	4.28E-07	7.42E-08	7.36E-08	2.1114E-04
608268.63	4200824.75	12206.8093	0.18516	0.18781	0.04091	0.03964	0.02075	0.02064	2.08E-04	1.11E-06	1.15E-06	4.00E-07	3.86E-07	7.27E-08	7.21E-08	2.1113E-04
608289.24	4200748.75	12202.34979	0.19678	0.19926	0.03419	0.0331	0.01996	0.01988	2.08E-04	1.18E-06	1.22E-06	3.34E-07	3.22E-07	6.99E-08	6.95E-08	2.1107E-04
608275.5	4200801.95	12201.66452	0.1886	0.1912	0.03879	0.03758	0.02052	0.02041	2.08E-04	1.14E-06	1.17E-06	3.79E-07	3.65E-07	7.18E-08	7.13E-08	2.1105E-04
608282.37	4200779.15	12194.65292	0.19181	0.19436	0.03675	0.03559	0.02027	0.02018	2.08E-04	1.15E-06	1.19E-06	3.59E-07	3.46E-07	7.10E-08	7.05E-08	2.1093E-04
608261.76	4200855.15	12188.29894	0.17937	0.18205	0.04378	0.04245	0.02103	0.0209	2.08E-04	1.08E-06	1.11E-06	4.28E-07	4.13E-07	7.36E-08	7.30E-08	2.1080E-04
608268.63	4200832.35	12187.44034	0.18301	0.18565	0.04157	0.04029	0.0208	0.02069	2.08E-04	1.10E-06	1.13E-06	4.06E-07	3.92E-07	7.28E-08	7.23E-08	2.1079E-04
608289.24	4200756.35	12185.28621	0.19476	0.19724	0.03479	0.03369	0.02002	0.01994	2.08E-04	1.17E-06	1.20E-06	3.40E-07	3.28E-07	7.01E-08	6.97E-08	2.1076E-04
608275.5	4200809.55	12183.21506	0.18647	0.18907	0.03943	0.03821	0.02057	0.02046	2.08E-04	1.12E-06	1.15E-06	3.85E-07	3.72E-07	7.20E-08	7.15E-08	2.1072E-04
608282.37	4200786.75	12177.10656	0.18973	0.19228	0.03738	0.03621	0.02033	0.02023	2.08E-04	1.14E-06	1.17E-06	3.65E-07	3.52E-07	7.12E-08	7.07E-08	2.1061E-04
608296.11	4200733.55	12175.56459	0.19743	0.19983	0.03292	0.03187	0.01977	0.01969	2.08E-04	1.19E-06	1.22E-06	3.21E-07	3.10E-07	6.92E-08	6.88E-08	2.1059E-04
608289.24	4200763.95	12168.32413	0.19274	0.19523	0.0354	0.03428	0.02008	0.01999	2.07E-04	1.16E-06	1.19E-06	3.46E-07	3.33E-07	7.03E-08	6.99E-08	2.1046E-04
608268.63	4200839.95	12167.92841	0.18087	0.1835	0.04224	0.04095	0.02085	0.02073	2.07E-04	1.09E-06	1.12E-06	4.13E-07	3.98E-07	7.30E-08	7.24E-08	2.1044E-04
608261.76	4200862.75	12167.49237	0.17721	0.17988	0.04446	0.04312	0.02107	0.02095	2.07E-04	1.07E-06	1.10E-06	4.34E-07	4.19E-07	7.38E-08	7.32E-08	2.1043E-04
608275.5	4200817.15	12164.65244	0.18435	0.18695	0.04008	0.03885	0.02062	0.02051	2.07E-04	1.11E-06	1.14E-06	3.91E-07	3.78E-07	7.22E-08	7.17E-08	2.1039E-04
608282.37	4200794.35	12159.28966	0.18766	0.1902	0.03801	0.03682	0.02039	0.02029	2.07E-04	1.13E-06	1.16E-06	3.71E-07	3.58E-07	7.14E-08	7.09E-08	2.1030E-04
608296.11	4200741.15	12158.67324	0.19547	0.19789	0.0335	0.03244	0.01983	0.01975	2.07E-04	1.18E-06	1.21E-06	3.27E-07	3.16E-07	6.94E-08	6.90E-08	2.1029E-04
608289.24	4200771.55	12151.08159	0.19071	0.1932	0.03601	0.03488	0.02014	0.02005	2.07E-04	1.15E-06	1.18E-06	3.52E-07	3.39E-07	7.05E-08	7.01E-08	2.1015E-04
608268.63	4200847.55	12148.20731	0.17874	0.18137	0.0429	0.0416	0.0209	0.02078	2.07E-04	1.08E-06	1.11E-06	4.19E-07	4.05E-07	7.32E-08	7.26E-08	2.1009E-04
608261.76	4200870.35	12146.79206	0.17507	0.17773	0.04514	0.0438	0.02112	0.02099	2.07E-04	1.05E-06	1.08E-06	4.41E-07	4.26E-07	7.39E-08	7.34E-08	2.1007E-04
608275.5	4200824.75	12146.09277	0.18225	0.18484	0.04073	0.03949	0.02067	0.02056	2.07E-04	1.10E-06	1.13E-06	3.98E-07	3.84E-07	7.24E-08	7.18E-08	2.1006E-04
608296.11	4200748.75	12141.62548	0.19351	0.19593	0.03409	0.03302	0.01989	0.01981	2.07E-04	1.17E-06	1.20E-06	3.33E-07	3.21E-07	6.96E-08	6.92E-08	2.0999E-04
608282.37	4200801.95	12141.17739	0.18558	0.18813	0.03864	0.03745	0.02044	0.02034	2.07E-04	1.12E-06	1.15E-06	3.77E-07	3.64E-07	7.16E-08	7.11E-08	2.0997E-04
608289.24	4200779.15	12133.73807	0.18869	0.19118	0.03662	0.03548	0.0202	0.02011	2.07E-04	1.14E-06	1.17E-06	3.58E-07	3.45E-07	7.07E-08	7.03E-08	2.0985E-04
608268.63	4200855.15	12128.12093	0.17662	0.17924	0.04357	0.04226	0.02095	0.02082	2.07E-04	1.06E-06	1.09E-06	4.25E-07	4.11E-07	7.34E-08	7.28E-08	2.0974E-04
608275.5	4200832.35	12127.04198	0.18016	0.18274	0.04139	0.04013	0.02072	0.02061	2.07E-04	1.08E-06	1.11E-06	4.04E-07	3.90E-07	7.25E-08	7.20E-08	2.0972E-04
608296.11	4200756.35	12124.63475	0.19154	0.19397	0.03469	0.0336	0.01995	0.01987	2.07E-04	1.15E-06	1.18E-06	3.39E-07	3.27E-07	6.99E-08	6.94E-08	2.0969E-04
608282.37	4200809.55	12122.83253	0.18351	0.18605	0.03928	0.03807	0.02049	0.02039	2.07E-04	1.10E-06	1.13E-06	3.84E-07	3.70E-07	7.17E-08	7.13E-08	2.0965E-04
608289.24	4200786.75	12116.27741	0.18666	0.18916	0.03724	0.03609	0.02026	0.02016	2.07E-04	1.12E-06	1.15E-06	3.64E-07	3.51E-07	7.09E-08	7.05E-08	2.0954E-04
608302.98	4200733.55	12114.72796	0.19411	0.19647	0.03284	0.0318	0.0197	0.01962	2.07E-04	1.17E-06	1.20E-06	3.21E-07	3.09E-07	6.90E-08	6.86E-08	2.0951E-04
608275.5	4200839.95	12107.8476	0.17807	0.18065	0.04204	0.04078	0.02077	0.02066	2.06E-04	1.07E-06	1.10E-06	4.11E-07	3.97E-07	7.27E-08	7.22E-08	2.0938E-04
608268.63	4200862.75	12107.64281	0.17452	0.17713	0.04424	0.04292	0.02099	0.02086	2.06E-04	1.05E-06	1.08E-06	4.32E-07	4.17E-07	7.35E-08	7.29E-08	2.0938E-04
608296.11	4200763.95	12107.56844	0.18957	0.19201	0.03529	0.03419	0.02001	0.01992	2.06E-04	1.14E-06	1.17E-06	3.45E-07	3.33E-07	7.01E-08	6.96E-08	2.0939E-04
608282.37	4200817.15	12104.3731	0.18145	0.18399	0.03992	0.0387	0.02055	0.02044	2.06E-04	1.09E-06	1.12E-06	3.90E-07	3.76E-07	7.20E-08	7.14E-08	2.0932E-04
608289.24	4200794.35	12098.95131	0.18465	0.18714	0.03787	0.0367	0.02031	0.02021	2.06E-04	1.11E-06	1.14E-06	3.70E-07	3.57E-07	7.11E-08	7.06E-08	2.0923E-04
608302.98	4200741.15	12098.31023	0.19221	0.19458	0.03342	0.03237	0.01977	0.01968	2.06E-04	1.16E-06	1.19E-06	3.26E-07	3.15E-07	6.92E-08	6.88E-08	2.0922E-04
608296.11	4200771.55	12090.71711	0.18761	0.19004	0.0359	0.03478	0.02007	0.01998	2.06E-04	1.13E-06	1.16E-06	3.51E-07	3.38E-07	7.03E-08	6.98E-08	2.0909E-04
608275.5	4200847.55	12088.34778	0.176	0.17857	0.0427	0.04142	0.02082	0.0207	2.06E-04	1.06E-06	1.09E-06	4.17E-07	4.03E-07	7.29E-08	7.23E-08	2.0904E-04
608268.63	4200870.35	12086.97573	0.17244	0.17504	0.04491	0.04358	0.02103	0.02091	2.06E-04	1.04E-06	1.07E-06	4.39E-07	4.24E-07	7.36E-08	7.31E-08	2.0901E-04
608282.37	4200824.75	12085.62391	0.1794	0.18194	0.04056	0.03933	0.0206	0.02048	2.06E-04	1.08E-06	1.11E-06	3.96E-07	3.83E-07	7.21E-08	7.16E-08	2.0899E-04
608302.98	4200748.75	12081.73932	0.19031	0.19268	0.034	0.03294	0.01983	0.01974	2.06E-04	1.15E-06	1.18E-06	3.32E-07	3.20E-07	6.94E-08	6.90E-08	2.0893E-04

608289.24	4200801.95	12081.04247	0.18263	0.18512	0.03849	0.03732	0.02037	0.02026	2.06E-04	1.10E-06	1.13E-06	3.76E-07	3.63E-07	7.13E-08	7.08E-08	2.0891E-04
608296.11	4200779.15	12073.46546	0.18564	0.18807	0.0365	0.03538	0.02013	0.02003	2.06E-04	1.12E-06	1.15E-06	3.56E-07	3.44E-07	7.05E-08	7.00E-08	2.0878E-04
608275.5	4200855.15	12068.47724	0.17394	0.1765	0.04336	0.04207	0.02086	0.02074	2.06E-04	1.05E-06	1.08E-06	4.23E-07	4.09E-07	7.30E-08	7.25E-08	2.0869E-04
608282.37	4200832.35	12067.18286	0.17736	0.1799	0.04121	0.03997	0.02065	0.02053	2.06E-04	1.07E-06	1.10E-06	4.02E-07	3.89E-07	7.23E-08	7.17E-08	2.0866E-04
608302.98	4200756.35	12064.72457	0.1884	0.19078	0.03459	0.03351	0.01989	0.0198	2.06E-04	1.13E-06	1.16E-06	3.38E-07	3.26E-07	6.96E-08	6.92E-08	2.0863E-04
608289.24	4200809.55	12063.08765	0.18062	0.18311	0.03912	0.03793	0.02042	0.02031	2.06E-04	1.09E-06	1.12E-06	3.83E-07	3.69E-07	7.15E-08	7.10E-08	2.0859E-04
608296.11	4200786.75	12056.09044	0.18367	0.18611	0.03712	0.03598	0.02018	0.02009	2.06E-04	1.11E-06	1.14E-06	3.63E-07	3.50E-07	7.07E-08	7.02E-08	2.0847E-04
608282.37	4200839.95	12048.30599	0.17534	0.17786	0.04185	0.0406	0.02069	0.02058	2.05E-04	1.06E-06	1.08E-06	4.09E-07	3.95E-07	7.24E-08	7.19E-08	2.0833E-04
608275.5	4200862.75	12048.2215	0.17189	0.17444	0.04402	0.04272	0.02091	0.02078	2.05E-04	1.04E-06	1.06E-06	4.30E-07	4.15E-07	7.32E-08	7.26E-08	2.0833E-04
608302.98	4200763.95	12047.55334	0.18648	0.18886	0.03518	0.03409	0.01994	0.01985	2.05E-04	1.12E-06	1.15E-06	3.44E-07	3.32E-07	6.98E-08	6.94E-08	2.0832E-04
608289.24	4200817.15	12044.63139	0.17861	0.1811	0.03975	0.03855	0.02047	0.02036	2.05E-04	1.08E-06	1.10E-06	3.88E-07	3.75E-07	7.17E-08	7.12E-08	2.0827E-04
608296.11	4200794.35	12038.8617	0.18171	0.18415	0.03773	0.03658	0.02024	0.02014	2.05E-04	1.09E-06	1.12E-06	3.68E-07	3.56E-07	7.09E-08	7.04E-08	2.0817E-04
608302.98	4200771.55	12030.89431	0.18457	0.18696	0.03578	0.03468	0.02	0.01991	2.05E-04	1.11E-06	1.14E-06	3.49E-07	3.37E-07	7.00E-08	6.96E-08	2.0803E-04
608282.37	4200847.55	12029.02223	0.17332	0.17583	0.0425	0.04124	0.02074	0.02062	2.05E-04	1.04E-06	1.07E-06	4.15E-07	4.01E-07	7.26E-08	7.21E-08	2.0799E-04
608275.5	4200870.35	12027.79092	0.16986	0.1724	0.04468	0.04338	0.02095	0.02082	2.05E-04	1.02E-06	1.05E-06	4.36E-07	4.22E-07	7.34E-08	7.28E-08	2.0797E-04
608289.24	4200824.75	12025.98937	0.17661	0.1791	0.04039	0.03918	0.02052	0.02041	2.05E-04	1.06E-06	1.09E-06	3.94E-07	3.81E-07	7.18E-08	7.13E-08	2.0794E-04
608296.11	4200801.95	12021.25042	0.17974	0.18218	0.03835	0.03719	0.02029	0.02019	2.05E-04	1.08E-06	1.11E-06	3.75E-07	3.62E-07	7.10E-08	7.06E-08	2.0785E-04
608302.98	4200779.15	12013.92473	0.18266	0.18504	0.03638	0.03527	0.02006	0.01996	2.05E-04	1.10E-06	1.13E-06	3.55E-07	3.43E-07	7.02E-08	6.98E-08	2.0773E-04
608282.37	4200855.15	12009.36918	0.17131	0.17382	0.04315	0.04188	0.02078	0.02066	2.05E-04	1.03E-06	1.06E-06	4.21E-07	4.07E-07	7.28E-08	7.22E-08	2.0764E-04
608289.24	4200832.35	12007.86035	0.17463	0.17711	0.04103	0.03981	0.02057	0.02045	2.05E-04	1.05E-06	1.08E-06	4.01E-07	3.87E-07	7.20E-08	7.15E-08	2.0762E-04
608296.11	4200809.55	12003.58258	0.17779	0.18022	0.03897	0.0378	0.02034	0.02024	2.05E-04	1.07E-06	1.10E-06	3.81E-07	3.68E-07	7.12E-08	7.07E-08	2.0754E-04
608302.98	4200786.75	11996.63805	0.18074	0.18313	0.03699	0.03586	0.02011	0.02001	2.05E-04	1.09E-06	1.12E-06	3.61E-07	3.49E-07	7.04E-08	6.99E-08	2.0742E-04
608282.37	4200862.75	11989.33677	0.16932	0.17181	0.0438	0.04253	0.02083	0.0207	2.04E-04	1.02E-06	1.05E-06	4.28E-07	4.14E-07	7.29E-08	7.23E-08	2.0729E-04
608289.24	4200839.95	11989.29294	0.17266	0.17513	0.04166	0.04043	0.02061	0.0205	2.04E-04	1.04E-06	1.07E-06	4.07E-07	3.93E-07	7.22E-08	7.16E-08	2.0729E-04
608296.11	4200817.15	11985.52246	0.17584	0.17827	0.03959	0.03841	0.02039	0.02028	2.04E-04	1.06E-06	1.09E-06	3.87E-07	3.74E-07	7.14E-08	7.09E-08	2.0722E-04
608302.98	4200794.35	11979.3091	0.17883	0.18122	0.03759	0.03646	0.02017	0.02006	2.04E-04	1.08E-06	1.11E-06	3.67E-07	3.55E-07	7.06E-08	7.01E-08	2.0711E-04
608289.24	4200847.55	11970.32099	0.17069	0.17316	0.0423	0.04106	0.02066	0.02054	2.04E-04	1.03E-06	1.06E-06	4.13E-07	3.99E-07	7.23E-08	7.18E-08	2.0695E-04
608282.37	4200870.35	11969.13362	0.16734	0.16982	0.04445	0.04317	0.02087	0.02074	2.04E-04	1.01E-06	1.04E-06	4.34E-07	4.20E-07	7.31E-08	7.25E-08	2.0693E-04
608296.11	4200824.75	11967.08077	0.17389	0.17632	0.04022	0.03902	0.02044	0.02033	2.04E-04	1.05E-06	1.08E-06	3.93E-07	3.79E-07	7.16E-08	7.10E-08	2.0690E-04
608302.98	4200801.95	11961.79405	0.17692	0.17931	0.0382	0.03706	0.02022	0.02011	2.04E-04	1.07E-06	1.09E-06	3.73E-07	3.60E-07	7.08E-08	7.03E-08	2.0680E-04
608289.24	4200855.15	11950.78364	0.16874	0.17119	0.04294	0.0417	0.0207	0.02058	2.04E-04	1.02E-06	1.04E-06	4.19E-07	4.06E-07	7.25E-08	7.19E-08	2.0661E-04
608296.11	4200832.35	11948.96693	0.17196	0.17439	0.04085	0.03964	0.02049	0.02038	2.04E-04	1.04E-06	1.06E-06	3.99E-07	3.86E-07	7.17E-08	7.12E-08	2.0658E-04
608302.98	4200809.55	11944.50713	0.17502	0.1774	0.03882	0.03766	0.02027	0.02016	2.04E-04	1.05E-06	1.08E-06	3.79E-07	3.66E-07	7.10E-08	7.05E-08	2.0650E-04
608289.24	4200862.75	11930.97844	0.16679	0.16924	0.04359	0.04233	0.02075	0.02062	2.03E-04	1.00E-06	1.03E-06	4.26E-07	4.12E-07	7.27E-08	7.21E-08	2.0626E-04
608296.11	4200839.95	11930.70254	0.17004	0.17246	0.04148	0.04026	0.02054	0.02042	2.03E-04	1.02E-06	1.05E-06	4.05E-07	3.92E-07	7.19E-08	7.14E-08	2.0625E-04
608302.98	4200817.15	11926.84152	0.17312	0.1755	0.03943	0.03826	0.02032	0.02021	2.03E-04	1.04E-06	1.07E-06	3.85E-07	3.72E-07	7.11E-08	7.06E-08	2.0618E-04
608296.11	4200847.55	11912.03519	0.16813	0.17054	0.04211	0.04089	0.02058	0.02046	2.03E-04	1.01E-06	1.04E-06	4.11E-07	3.98E-07	7.21E-08	7.15E-08	2.0592E-04
608289.24	4200870.35	11910.99949	0.16487	0.1673	0.04423	0.04296	0.02079	0.02066	2.03E-04	9.93E-07	1.02E-06	4.32E-07	4.18E-07	7.28E-08	7.22E-08	2.0591E-04
608302.98	4200824.75	11908.79536	0.17123	0.17361	0.04005	0.03887	0.02037	0.02025	2.03E-04	1.03E-06	1.06E-06	3.91E-07	3.78E-07	7.13E-08	7.08E-08	2.0587E-04
608296.11	4200855.15	11892.8081	0.16622	0.16862	0.04274	0.04151	0.02062	0.0205	2.03E-04	1.00E-06	1.03E-06	4.17E-07	4.04E-07	7.22E-08	7.16E-08	2.0558E-04
608302.98	4200832.35	11890.49953	0.16935	0.17172	0.04067	0.03948	0.02041	0.0203	2.03E-04	1.02E-06	1.05E-06	3.97E-07	3.84E-07	7.15E-08	7.09E-08	2.0554E-04
608296.11	4200862.75	11873.23195	0.16433	0.16672	0.04337	0.04213	0.02067	0.02054	2.02E-04	9.89E-07	1.02E-06	4.24E-07	4.10E-07	7.24E-08	7.18E-08	2.0524E-04
608302.98	4200839.95	11872.43583	0.16747	0.16984	0.04129	0.04009	0.02046	0.02034	2.02E-04	1.01E-06	1.04E-06	4.03E-07	3.90E-07	7.16E-08	7.11E-08	2.0522E-04
608302.98	4200847.55	11854.06693	0.16561	0.16797	0.04191	0.04071	0.0205	0.02038	2.02E-04	9.97E-07	1.02E-06	4.09E-07	3.96E-07	7.18E-08	7.12E-08	2.0490E-04
608296.11	4200870.35	11853.47764	0.16245	0.16483	0.04401	0.04276	0.02071	0.02058	2.02E-04	9.78E-07	1.01E-06	4.30E-07	4.16E-07	7.25E-08	7.19E-08	2.0488E-04
608302.98	4200855.15	11835.2465	0.16376	0.16611	0.04254	0.04132	0.02054	0.02042	2.02E-04	9.86E-07	1.01E-06	4.15E-07	4.02E-07	7.19E-08	7.14E-08	2.0457E-04
608302.98	4200862.75	11815.8934	0.16191	0.16425	0.04316	0.04194	0.02059	0.02046	2.01E-04	9.75E-07	1.00E-06	4.21E-07	4.08E-07	7.21E-08	7.15E-08	2.0423E-04
608302.98	4200870.35	11796.3607	0.16008	0.16241	0.04378	0.04256	0.02063	0.0205	2.01E-04	9.64E-07	9.91E-07	4.28E-07	4.14E-07	7.22E-08	7.16E-08	2.0389E-04

Ranch EIR Residential Project Construction Parameters

Phase 3

Construction Annual Total PM2.5 (Total PM2.5) **Unmitigated Concentrations**

Annual Average Onsite DPM Rate (grams/m2/sec):	2.51E-08
Annual Average Offsite DPM Emission Rate - Road 1 (grams/sec):	2.51E-04
Annual Average Offsite DPM Emission Rate - Road 2 (grams/sec):	2.54E-04
Annual Average Offsite DPM Emission Rate - Road 3 (grams/sec):	4.07E-04
Annual Average Offsite DPM Emission Rate - Road 4 (grams/sec):	4.06E-04
Annual Average Offsite DPM Emission Rate - Road 5 (grams/sec):	1.46E-04
Annual Average Offsite DPM Emission Rate - Road 6 (grams/sec):	1.46E-04

X	Y	Onsite Phase 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 1 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 4 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 5 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 6 Unit Emissions VALUES AVERAGED AVERAGE CONC	Onsite Phase 3 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 1 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 2 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 3 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 4 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 5 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 6 Annual PM2.5 Total w/Actual Emissions (ug/m3)	**Total DPM (ug/m3)**
606771.32	4200808.57	155511.5541	0.08488	0.08498	0.04666	0.04498	0.03495	0.03568	3.91E-03	2.13E-05	2.16E-05	1.90E-05	1.82E-05	5.10E-06	5.20E-06	3.9908E-03
606787.8	4200808.22	144532.8459	0.08645	0.08689	0.04598	0.04418	0.03523	0.03594	3.63E-03	2.17E-05	2.21E-05	1.87E-05	1.79E-05	5.14E-06	5.24E-06	3.7150E-03
606807.8	4200808.22	129919.5236	0.09263	0.09273	0.04694	0.04487	0.0354	0.03608	3.27E-03	2.33E-05	2.36E-05	1.91E-05	1.82E-05	5.17E-06	5.26E-06	3.3512E-03
606827.8	4200808.22	117918.5764	0.09855	0.09846	0.04723	0.04515	0.03554	0.0362	2.97E-03	2.48E-05	2.51E-05	1.92E-05	1.83E-05	5.19E-06	5.28E-06	3.0526E-03
606847.8	4200808.22	107817.4147	0.10527	0.10493	0.04756	0.04536	0.03565	0.03629	2.71E-03	2.64E-05	2.67E-05	1.94E-05	1.84E-05	5.21E-06	5.29E-06	2.8022E-03
606867.8	4200808.22	99211.71167	0.11284	0.11219	0.04773	0.04526	0.03573	0.03634	2.49E-03	2.83E-05	2.85E-05	1.94E-05	1.84E-05	5.22E-06	5.30E-06	2.5895E-03
606887.8	4200808.22	91866.24705	0.12011	0.1193	0.04774	0.04539	0.0358	0.03637	2.31E-03	3.02E-05	3.04E-05	1.94E-05	1.84E-05	5.23E-06	5.30E-06	2.4085E-03
606907.8	4200808.22	85466.45737	0.12864	0.12706	0.04822	0.04576	0.03583	0.03638	2.15E-03	3.23E-05	3.23E-05	1.96E-05	1.86E-05	5.23E-06	5.30E-06	2.2520E-03
606927.8	4200808.22	79890.25681	0.13855	0.13642	0.04848	0.04592	0.03585	0.03638	2.01E-03	3.48E-05	3.47E-05	1.97E-05	1.86E-05	5.24E-06	5.30E-06	2.1169E-03
606947.8	4200808.22	74967.92316	0.14935	0.14655	0.04867	0.04599	0.03586	0.03636	1.89E-03	3.75E-05	3.73E-05	1.98E-05	1.87E-05	5.24E-06	5.30E-06	1.9985E-03
606767.8	4200828.22	155309.5667	0.07943	0.08004	0.04887	0.04722	0.03696	0.0377	3.91E-03	1.99E-05	2.04E-05	1.99E-05	1.92E-05	5.40E-06	5.49E-06	3.9849E-03
606787.8	4200828.22	140336.6	0.08291	0.08356	0.04949	0.04763	0.03723	0.03795	3.53E-03	2.08E-05	2.13E-05	2.02E-05	1.93E-05	5.44E-06	5.53E-06	3.6106E-03
606807.8	4200828.22	126036.0946	0.08872	0.08925	0.05015	0.04814	0.03734	0.03803	3.17E-03	2.23E-05	2.27E-05	2.04E-05	1.95E-05	5.45E-06	5.54E-06	3.2543E-03
606827.8	4200828.22	114396.0238	0.09503	0.0954	0.05072	0.0484	0.03742	0.03808	2.88E-03	2.39E-05	2.43E-05	2.07E-05	1.96E-05	5.46E-06	5.55E-06	2.9651E-03
606847.8	4200828.22	104780.2993	0.10165	0.10182	0.05108	0.04874	0.0375	0.03812	2.63E-03	2.55E-05	2.59E-05	2.08E-05	1.98E-05	5.48E-06	5.56E-06	2.7269E-03
606867.8	4200828.22	96634.10726	0.10898	0.10885	0.05159	0.04908	0.03755	0.03815	2.43E-03	2.74E-05	2.77E-05	2.10E-05	1.99E-05	5.48E-06	5.56E-06	2.5260E-03
606887.8	4200828.22	89601.82619	0.11633	0.11618	0.05164	0.04914	0.03757	0.03814	2.25E-03	2.92E-05	2.96E-05	2.10E-05	1.99E-05	5.49E-06	5.56E-06	2.3529E-03
606907.8	4200828.22	83469.99993	0.12471	0.12391	0.05224	0.0496	0.03757	0.03811	2.10E-03	3.13E-05	3.15E-05	2.13E-05	2.01E-05	5.49E-06	5.55E-06	2.2032E-03
606927.8	4200828.22	78101.12581	0.13491	0.13348	0.05275	0.04996	0.03755	0.03806	1.96E-03	3.39E-05	3.40E-05	2.15E-05	2.03E-05	5.48E-06	5.55E-06	2.0736E-03
606947.8	4200828.22	73360.72938	0.14597	0.14392	0.05313	0.05019	0.03751	0.038	1.84E-03	3.67E-05	3.66E-05	2.16E-05	2.04E-05	5.48E-06	5.54E-06	1.9601E-03
606967.8	4200828.22	69128.02533	0.15835	0.1555	0.05344	0.05035	0.03745	0.03792	1.74E-03	3.98E-05	3.96E-05	2.18E-05	2.04E-05	5.47E-06	5.53E-06	1.8599E-03
606987.8	4200828.22	65328.63306	0.1721	0.16843	0.05365	0.05042	0.03738	0.03781	1.64E-03	4.32E-05	4.29E-05	2.19E-05	2.05E-05	5.46E-06	5.51E-06	1.7712E-03
606747.8	4200848.22	161980.7128	0.07322	0.07409	0.05153	0.05004	0.03871	0.03948	4.07E-03	1.84E-05	1.89E-05	2.10E-05	2.03E-05	5.65E-06	5.75E-06	4.1518E-03
606767.8	4200848.22	147197.3767	0.07637	0.0772	0.05195	0.05034	0.03902	0.03976	3.70E-03	1.92E-05	1.96E-05	2.12E-05	2.04E-05	5.70E-06	5.80E-06	3.7819E-03
606787.8	4200848.22	133908.0436	0.07951	0.08048	0.05277	0.05093	0.03926	0.03998	3.37E-03	2.00E-05	2.05E-05	2.15E-05	2.07E-05	5.73E-06	5.83E-06	3.4500E-03
606807.8	4200848.22	120945.0068	0.08497	0.08588	0.05356	0.05147	0.03933	0.04002	3.04E-03	2.13E-05	2.18E-05	2.18E-05	2.09E-05	5.74E-06	5.83E-06	3.1273E-03
606827.8	4200848.22	110265.7756	0.09086	0.09168	0.05414	0.05168	0.03939	0.04004	2.77E-03	2.28E-05	2.33E-05	2.21E-05	2.10E-05	5.75E-06	5.84E-06	2.8620E-03
606847.8	4200848.22	101293.5131	0.09686	0.09802	0.05473	0.05214	0.03942	0.04004	2.55E-03	2.43E-05	2.49E-05	2.23E-05	2.12E-05	5.76E-06	5.84E-06	2.6399E-03
606867.8	4200848.22	93645.49235	0.10405	0.105	0.05544	0.05268	0.03942	0.04001	2.35E-03	2.61E-05	2.67E-05	2.26E-05	2.14E-05	5.76E-06	5.83E-06	2.4517E-03
606887.8	4200848.22	87017.45345	0.11154	0.11218	0.05584	0.05323	0.0394	0.03996	2.19E-03	2.80E-05	2.85E-05	2.27E-05	2.16E-05	5.75E-06	5.82E-06	2.2891E-03
606907.8	4200848.22	81223.29463	0.12016	0.12015	0.05661	0.05383	0.03936	0.03989	2.04E-03	3.02E-05	3.06E-05	2.31E-05	2.18E-05	5.75E-06	5.81E-06	2.1481E-03
606927.8	4200848.22	76116.92934	0.13044	0.12983	0.05739	0.05442	0.03929	0.03979	1.91E-03	3.28E-05	3.30E-05	2.34E-05	2.21E-05	5.74E-06	5.80E-06	2.0253E-03
606947.8	4200848.22	71589.55421	0.1417	0.14051	0.05805	0.05487	0.03921	0.03968	1.80E-03	3.56E-05	3.57E-05	2.36E-05	2.23E-05	5.73E-06	5.78E-06	1.9175E-03
606967.8	4200848.22	67542.69697	0.15423	0.1523	0.05861	0.05523	0.03911	0.03955	1.70E-03	3.87E-05	3.87E-05	2.39E-05	2.24E-05	5.71E-06	5.76E-06	1.8222E-03
606987.8	4200848.22	63902.86705	0.16822	0.16553	0.05905	0.05548	0.03899	0.0394	1.61E-03	4.22E-05	4.21E-05	2.41E-05	2.25E-05	5.69E-06	5.74E-06	1.7379E-03
607107.8	4200848.22	47948.54902	0.30118	0.28705	0.05941	0.0552	0.03792	0.03819	1.21E-03	7.56E-05	7.30E-05	2.42E-05	2.24E-05	5.54E-06	5.57E-06	1.4010E-03
607127.8	4200848.22	45981.50889	0.33611	0.31796	0.05919	0.05502	0.03769	0.03795	1.16E-03	8.44E-05	8.09E-05	2.41E-05	2.23E-05	5.50E-06	5.53E-06	1.3680E-03
607147.8	4200848.22	44152.93426	0.37708	0.35414	0.05906	0.05496	0.03745	0.03769	1.11E-03	9.47E-05	9.01E-05	2.41E-05	2.23E-05	5.47E-06	5.49E-06	1.3415E-03
607167.8	4200848.22	42453.86219	0.42527	0.39626	0.05896	0.05493	0.03721	0.03742	1.07E-03	1.07E-04	1.01E-04	2.40E-05	2.23E-05	5.43E-06	5.45E-06	1.3215E-03
607187.8	4200848.22	40866.82242	0.48374	0.44686	0.05904	0.0551	0.03695	0.03714	1.03E-03	1.21E-04	1.14E-04	2.40E-05	2.24E-05	5.40E-06	5.41E-06	1.3092E-03
607207.8	4200848.22	39381.27565	0.55629	0.50873	0.05937	0.0555	0.03668	0.03685	9.90E-04	1.40E-04	1.29E-04	2.42E-05	2.25E-05	5.36E-06	5.37E-06	1.3061E-03
607227.8	4200848.22	37993.42726	0.64634	0.58449	0.0597	0.05577	0.0364	0.03656	9.55E-04	1.62E-04	1.49E-04	2.43E-05	2.26E-05	5.32E-06	5.33E-06	1.3134E-03
606747.8	4200868.22	151565.5533	0.06964	0.07075	0.05426	0.05284	0.04093	0.0417	3.81E-03	1.75E-05	1.80E-05	2.21E-05	2.14E-05	5.98E-06	6.08E-06	3.8904E-03
606767.8	4200868.22	139104.5775	0.07232	0.07347	0.05474	0.0532	0.04122	0.04196	3.50E-03	1.82E-05	1.87E-05	2.23E-05	2.16E-05	6.02E-06	6.12E-06	3.5788E-03
606787.8	4200868.22	126866.2019	0.07499	0.07653	0.05533	0.05361	0.04138	0.04209	3.19E-03	1.88E-05	1.95E-05	2.25E-05	2.17E-05	6.04E-06	6.13E-06	3.2729E-03
606807.8	4200868.22	115396.975	0.08024	0.08198	0.05663	0.05445	0.04142	0.04209	2.90E-03	2.02E-05	2.09E-05	2.31E-05	2.21E-05	6.05E-06	6.13E-06	2.9880E-03
606827.8	4200868.22	105751.2079	0.08613	0.0876	0.0578	0.05523	0.04143	0.04207	2.66E-03	2.16E-05	2.23E-05	2.35E-05	2.24E-05	6.05E-06	6.13E-06	2.7492E-03
606847.8	4200868.22	97514.3627	0.09216	0.09377	0.05865	0.05603	0.04141	0.04201	2.45E-03	2.31E-05	2.39E-05	2.39E-05	2.27E-05	6.05E-06	6.12E-06	2.5458E-03
606867.8	4200868.22	90422.1408	0.09897	0.10064	0.05926	0.0568	0.04136	0.04194	2.27E-03	2.49E-05	2.56E-05	2.41E-05	2.30E-05	6.04E-06	6.11E-06	2.3715E-03
606887.8	4200868.22	84242.24064	0.10635	0.10759	0.06025	0.05759	0.04129	0.04184	2.12E-03	2.67E-05	2.74E-05	2.45E-05	2.34E-05	6.03E-06	6.10E-06	2.2204E-03
606907.8	4200868.22	78809.36958	0.11494	0.1156	0.0613	0.05841	0.0412	0.04171	1.98E-03	2.89E-05	2.94E-05	2.50E-05	2.37E-05	6.02E-06	6.08E-06	2.0887E-03
606927.8	4200868.22	73997.35032	0.1252	0.12524	0.06236	0.05926	0.04109	0.04157	1.86E-03	3.14E-05	3.19E-05	2.54E-05	2.40E-05	6.00E-06	6.06E-06	1.9735E-03
606947.8	4200868.22	69706.90848	0.13646	0.1362	0.06338	0.06002	0.04095	0.0414	1.75E-03	3.43E-05	3.47E-05	2.58E-05	2.43E-05	5.98E-06	6.03E-06	1.8720E-03
607047.8	4200868.22	53764.24621	0.21797	0.21262	0.06661	0.06198	0.04002	0.04034	1.35E-03	5.47E-05	5.41E-05	2.71E-05	2.51E-05	5.84E-06	5.88E-06	1.5131E-03
607067.8	4200868.22	51356.04765	0.24166	0.23438	0.06683	0.06201	0.03979	0.04008	1.29E-03	6.07E-05	5.96E-05	2.72E-05	2.52E-05	5.81E-06	5.84E-06	1.4641E-03
607087.8	4200868.22	49135.90153	0.2691	0.25943	0.06693	0.06197	0.03954	0.03981	1.24E-03	6.76E-05	6.60E-05	2.73E-05	2.51E-05	5.77E-06	5.80E-06	1.4216E-03
607107.8	4200868.22	47085.71378	0.30081	0.28785	0.06688	0.06184	0.03928	0.03953	1.18E-03	7.55E-05	7.32E-05	2.72E-05	2.51E-05	5.74E-06	5.76E-06	1.3852E-03
607127.8	4200868.22	45185.63022	0.33783	0.3207	0.06674	0.06168	0.03901	0.03924	1.14E-03	8.48E-05	8.16E-05	2.72E-05	2.50E-05	5.70E-06	5.72E-06	1.3549E-03
607147.8	4200868.22	43418.73887	0.38147	0.35914	0.06656	0.06154	0.03873	0.03893	1.09E-03	9.58E-05	9.14E-05	2.71E-05	2.50E-05	5.66E-06	5.67E-06	1.3311E-03
607167.8	4200868.22	41772.40418	0.4335	0.40452	0.06643	0.06147	0.03844	0.03862	1.05E-03	1.09E-04	1.03E-04	2.71E-05	2.49E-05	5.61E-06	5.63E-06	1.3142E-03
607187.8	4200868.22	40234.12324	0.49695	0.45919	0.06644	0.06158	0.03814	0.0383	1.01E-03	1.25E-04	1.17E-04	2.71E-05	2.50E-05	5.57E-06	5.58E-06	1.3054E-03
607207.8	4200868.22	38795.57671	0.57552	0.52578	0.06658	0.06182	0.03783	0.03797	9.76E-04	1.45E-04	1.34E-04	2.71E-05	2.51E-05	5.52E-06	5.53E-06	1.3061E-03
607227.8	4200868.22	37445.71006	0.67607	0.6095	0.06699	0.06226	0.03751	0.03764	9.42E-04	1.70E-04	1.55E-04	2.73E-05	2.53E-05	5.48E-06	5.49E-06	1.3190E-03
606755.19	4200886.81	139503.3263	0.06602	0.06742	0.05665	0.05528	0.04331	0.04406	3.51E-03	1.66E-05	1.72E-05	2.31E-05	2.24E-05	6.32E-06	6.42E-06	3.5873E-03
606767.8	4200888.22	131414.7725	0.06711	0.06848	0.05733	0.05583	0.04357	0.0443	3.30E-03	1.69E-05	1.74E-05	2.34E-05	2.26E-05	6.36E-06	6.46E-06	3.3849E-03
606787.8	4200888.22	119786.8771	0.07067	0.07233	0.05854	0.05691	0.0436	0.04429	3.01E-03	1.77E-05	1.84E-05	2.38E-05	2.31E-05	6.37E-06	6.46E-06	3.0953E-03
606807.8	4200888.22	109714.0964	0.07569	0.07783	0.06005	0.05796	0.04358	0.04424	2.76E-03	1.90E-05	1.98E-05	2.45E-05	2.35E-05	6.36E-06	6.45E-06	2.8457E-03
606827.8	4200888.22	101069.4191	0.08123	0.08322	0.06151	0.059	0.04354	0.04416	2.54E-03	2.04E-05	2.12E-05	2.51E-05	2.39E-05	6.36E-06	6.44E-06	2.6321E-03
606847.8	4200888.22	93599.39802	0.08718	0.08918	0.06278	0.06005	0.04346	0.04405	2.35E-03	2.19E-05	2.27E-05	2.56E-05	2.44E-05	6.35E-06	6.42E-06	2.4482E-03
606867.8	4200888.22	87090.17293	0.09361	0.09578	0.06386	0.06111	0.04336	0.04392	2.19E-03	2.35E-05	2.44E-05	2.60E-05	2.48E-05	6.33E-06	6.40E-06	2.2887E-03
606887.8	4200888.22	81364.95425	0.1007	0.10229	0.06484	0.06219	0.04324	0.04376	2.05E-03	2.53E-05	2.60E-05	2.64E-05	2.52E-05	6.31E-06	6.38E-06	2.1490E-03
606907.8	4200888.22	76308.93177	0.10915	0.11042	0.06619	0.06329	0.04309	0.04358	1.92E-03	2.74E-05	2.81E-05	2.70E-05	2.57E-05	6.29E-06	6.35E-06	2.0271E-03
606927.8	4200888.22	71794.77961	0.11931	0.12036	0.06767	0.0645	0.04292	0.04338	1.81E-03	3.00E-05	3.06E-05	2.76E-05	2.62E-05	6.27E-06	6.32E-06	1.9197E-03
607027.8	4200888.22	55112.02175	0.19098	0.18881	0.07377	0.06888	0.04181	0.04212	1.39E-03	4.80E-05	4.80E-05	3.00E-05	2.79E-05	6.11E-06	6.14E-06	1.5399E-03
607047.8	4200888.22	52601.51627	0.21223	0.20856	0.07461	0.06939	0.04153	0.04182	1.32E-03	5.33E-05	5.31E-05	3.04E-05	2.81E-05	6.06E-06	6.10E-06	1.4877E-03
607067.8	4200888.22	50294.57352	0.23655	0.23104	0.07523	0.06969	0.04125	0.04152	1.26E-03	5.94E-05	5.88E-05	3.06E-05	2.83E-05	6.02E-06	6.05E-06	1.4418E-03
607087.8	4200888.22	48164.20164	0.2649	0.25705	0.07566	0.06985	0.04096	0.0412	1.21E-03	6.65E-05	6.54E-05	3.08E-05	2.83E-05	5.98E-06	6.01E-06	1.4023E-03
607107.8	4200888.22	46192.0796	0.29804	0.28688	0.07591	0.06989	0.04065	0.04087	1.16E-03	7.49E-05	7.30E-05	3.09E-05	2.84E-05	5.94E-06	5.96E-06	1.3687E-03
607127.8	4200888.22	44361.21669	0.33707	0.32161	0.07597	0.06983	0.04033	0.04053	1.12E-03	8.47E-05	8.18E-05	3.09E-05	2.83E-05	5.89E-06	5.91E-06	1.3413E-03
607147.8	4200888.22	42658.77204	0.3831	0.36223	0.07584	0.06965	0.04001	0.04018	1.07E-03	9.62E-05	9.22E-05	3.09E-05	2.83E-05	5.84E-06	5.86E-06	1.3202E-03
607167.8	4200888.22	41068.73739	0.43871	0.41068	0.07569	0.06952	0.03967	0.03982	1.03E-03	1.10E-04	1.04E-04	3.08E-05	2.82E-05	5.79E-06	5.80E-06	1.3064E-03
607187.8	4200888.22	39579.78787	0.50735	0.4697	0.07567	0.06959	0.03932	0.03946	9.95E-04	1.27E-04	1.20E-04	3.08E-05	2.82E-05	5.74E-06	5.75E-06	1.3013E-03
607207.8	4200888.22	38187.00897	0.59291	0.54203	0.07572	0.06975	0.03897	0.03909	9.60E-04	1.49E-04	1.38E-04	3.08E-05	2.83E-05	5.69E-06	5.70E-06	1.3062E-03
607227.8	4200888.22	36878.31642	0.70387	0.63389	0.07606	0.07018	0.03861	0.03871	9.27E-04	1.77E-04	1.61E-04	3.10E-05	2.85E-05	5.64E-06	5.64E-06	1.3249E-03
606747.8	4200908.22	134603.2777	0.05892	0.06042	0.05886	0.0576	0.04597	0.04673	3.38E-03	1.48E-05	1.54E-05	2.40E-05	2.34E-05	6.71E-06	6.81E-06	3.4623E-03
606767.8	4200908.22	122942.0617	0.06256	0.06412	0.06025	0.05888	0.04595	0.04667	3.09E-03	1.57E-05	1.63E-05	2.45E-05	2.39E-05	6.71E-06	6.80E-06	3.1720E-03
606787.8	4200908.22	113012.0834	0.06692	0.06874	0.06234	0.06078	0.04592	0.0466	2.84E-03	1.68E-05	1.75E-05	2.54E-05	2.47E-05	6.71E-06	6.79E-06	2.9262E-03
606807.8	4200908.22	104125.49	0.07155	0.07344	0.06387	0.06206	0.04583	0.04647	2.62E-03	1.80E-05	1.87E-05	2.60E-05	2.52E-05	6.69E-06	6.77E-06	2.7063E-03
606827.8	4200908.22	96417.00644	0.07664	0.07859	0.06533	0.06328	0.04571	0.04632	2.42E-03	1.92E-05	2.00E-05	2.66E-05	2.57E-05	6.68E-06	6.75E-06	2.5161E-03
606847.8	4200908.22	89690.01611	0.08221	0.08423	0.06696	0.06466	0.04558	0.04615	2.26E-03	2.06E-05	2.14E-05	2.73E-05	2.62E-05	6.66E-06	6.73E-06	2.3510E-03
606867.8	4200908.22	83736.67259	0.08774	0.09048	0.06784	0.06552	0.04541	0.04595	2.11E-03	2.20E-05	2.30E-05	2.76E-05	2.66E-05	6.63E-06	6.70E-06	2.2050E-03
606887.8	4200908.22	78472.95344	0.09477	0.09678	0.06949	0.06694	0.04523	0.04572	1.97E-03	2.38E-05	2.46E-05	2.83E-05	2.72E-05	6.61E-06	6.66E-06	2.0772E-03
606987.8	4200908.22	59254.59468	0.14892	0.14994	0.07875	0.07441	0.044	0.04433	1.49E-03	3.74E-05	3.81E-05	3.21E-05	3.02E-05	6.43E-06	6.46E-06	1.6279E-03
607007.8	4200908.22	56415.86017	0.16468	0.1652	0.08051	0.07571	0.0437	0.04401	1.42E-03	4.14E-05	4.20E-05	3.28E-05	3.07E-05	6.38E-06	6.41E-06	1.5656E-03
607027.8	4200908.22	53814.73602	0.18295	0.18252	0.08213	0.07684	0.04339	0.04367	1.35E-03	4.59E-05	4.64E-05	3.35E-05	3.12E-05	6.34E-06	6.37E-06	1.5103E-03
607047.8	4200908.22	51420.21204	0.20424	0.20255	0.08362	0.07784	0.04306	0.04332	1.29E-03	5.13E-05	5.15E-05	3.41E-05	3.16E-05	6.29E-06	6.31E-06	1.4615E-03
607067.8	4200908.22	49212.83328	0.22896	0.22565	0.08489	0.07863	0.04273	0.04296	1.24E-03	5.75E-05	5.74E-05	3.46E-05	3.19E-05	6.24E-06	6.26E-06	1.4189E-03
607087.8	4200908.22	47172.60656	0.25791	0.25243	0.08591	0.0792	0.04238	0.04259	1.19E-03	6.48E-05	6.42E-05	3.50E-05	3.21E-05	6.19E-06	6.21E-06	1.3824E-03
607107.8	4200908.22	45280.91717	0.29206	0.28339	0.08668	0.07957	0.04202	0.04221	1.14E-03	7.33E-05	7.21E-05	3.53E-05	3.23E-05	6.14E-06	6.15E-06	1.3517E-03
607127.8	4200908.22	43520.50753	0.3327	0.31981	0.08718	0.07976	0.04165	0.04182	1.09E-03	8.36E-05	8.14E-05	3.55E-05	3.24E-05	6.08E-06	6.10E-06	1.3272E-03
607147.8	4200908.22	41878.9375	0.38148	0.36298	0.08743	0.07979	0.04128	0.04142	1.05E-03	9.58E-05	9.24E-05	3.56E-05	3.24E-05	6.03E-06	6.04E-06	1.3093E-03
607167.8	4200908.22	40346.7841	0.44044	0.41444	0.08742	0.07968	0.0409	0.04102	1.01E-03	1.11E-04	1.05E-04	3.56E-05	3.23E-05	5.97E-06	5.98E-06	1.2986E-03
607187.8	4200908.22	38909.9351	0.51382	0.47755	0.08741	0.07967	0.04051	0.04061	9.78E-04	1.29E-04	1.22E-04	3.56E-05	3.23E-05	5.92E-06	5.92E-06	1.2969E-03
607207.8	4200908.22	37561.53982	0.60707	0.55633	0.08749	0.07985	0.04011	0.04019	9.45E-04	1.52E-04	1.42E-04	3.56E-05	3.24E-05	5.86E-06	5.86E-06	1.3066E-03
607227.8	4200908.22	36295.75233	0.72831	0.65653	0.08768	0.08017	0.03971	0.03978	9.13E-04	1.83E-04	1.67E-04	3.57E-05	3.25E-05	5.80E-06	5.80E-06	1.3309E-03
606687.8	4200928.22	159227.1761	0.04639	0.04837	0.05691	0.05611	0.04858	0.04946	4.00E-03	1.17E-05	1.23E-05	2.32E-05	2.28E-05	7.09E-06	7.21E-06	4.0739E-03
606707.8	4200928.22	147056.2062	0.04942	0.05107	0.05904	0.05799	0.0486	0.04943	3.70E-03	1.24E-05	1.30E-05	2.40E-05	2.35E-05	7.10E-06	7.20E-06	3.7710E-03
606727.8	4200928.22	135261.3771	0.05227	0.05401	0.06034	0.05925	0.04856	0.04935	3.40E-03	1.31E-05	1.37E-05	2.46E-05	2.40E-05	7.09E-06	7.19E-06	3.4769E-03
606747.8	4200928.22	124610.1828	0.05537	0.0572	0.06217	0.06101	0.04851	0.04925	3.13E-03	1.39E-05	1.46E-05	2.53E-05	2.47E-05	7.08E-06	7.18E-06	3.2121E-03
606767.8	4200928.22	114924.0422	0.05884	0.06077	0.06382	0.06243	0.04841	0.04911	2.89E-03	1.48E-05	1.55E-05	2.60E-05	2.53E-05	7.07E-06	7.16E-06	2.9715E-03
606787.8	4200928.22	106385.1501	0.06247	0.0645	0.06546	0.06404	0.0483	0.04896	2.68E-03	1.57E-05	1.64E-05	2.67E-05	2.60E-05	7.05E-06	7.14E-06	2.7600E-03
606807.8	4200928.22	98727.22171	0.06664	0.06879	0.0672	0.06563	0.04815	0.04876	2.48E-03	1.67E-05	1.75E-05	2.74E-05	2.66E-05	7.03E-06	7.11E-06	2.5709E-03
606827.8	4200928.22	91891.34258	0.07146	0.07371	0.06907	0.06731	0.04796	0.04854	2.31E-03	1.79E-05	1.88E-05	2.81E-05	2.73E-05	7.00E-06	7.07E-06	2.4029E-03
606847.8	4200928.22	85847.44401	0.0767	0.07906	0.07097	0.06892	0.04775	0.04829	2.16E-03	1.93E-05	2.01E-05	2.89E-05	2.80E-05	6.97E-06	7.04E-06	2.2550E-03
606867.8	4200928.22	80447.12825	0.08202	0.08505	0.07266	0.07	0.04752	0.04802	2.02E-03	2.06E-05	2.16E-05	2.96E-05	2.84E-05	6.94E-06	7.00E-06	2.1232E-03
606967.8	4200928.22	60610.18407	0.12694	0.12938	0.08363	0.07977	0.04605	0.04639	1.52E-03	3.19E-05	3.29E-05	3.41E-05	3.24E-05	6.72E-06	6.76E-06	1.6554E-03
606987.8	4200928.22	57669.71504	0.14022	0.1425	0.0862	0.08185	0.04571	0.04601	1.45E-03	3.52E-05	3.63E-05	3.51E-05	3.32E-05	6.68E-06	6.71E-06	1.5900E-03
607007.8	4200928.22	54984.67402	0.15533	0.15736	0.08871	0.08378	0.04535	0.04563	1.38E-03	3.90E-05	4.00E-05	3.61E-05	3.40E-05	6.62E-06	6.65E-06	1.5319E-03
607027.8	4200928.22	52511.69683	0.17324	0.17461	0.09119	0.08565	0.04498	0.04523	1.32E-03	4.35E-05	4.44E-05	3.71E-05	3.47E-05	6.57E-06	6.59E-06	1.4803E-03
607047.8	4200928.22	50233.25552	0.19407	0.19455	0.09355	0.08735	0.0446	0.04482	1.26E-03	4.87E-05	4.95E-05	3.81E-05	3.54E-05	6.51E-06	6.53E-06	1.4350E-03
607067.8	4200928.22	48124.3867	0.21873	0.21794	0.09579	0.0889	0.04421	0.0444	1.21E-03	5.49E-05	5.54E-05	3.90E-05	3.61E-05	6.46E-06	6.47E-06	1.3956E-03
607087.8	4200928.22	46173.04044	0.2478	0.2452	0.09774	0.09016	0.04381	0.04398	1.16E-03	6.22E-05	6.24E-05	3.98E-05	3.66E-05	6.40E-06	6.41E-06	1.3621E-03
607107.8	4200928.22	44359.44539	0.28252	0.27706	0.09942	0.09118	0.04339	0.04354	1.12E-03	7.10E-05	7.05E-05	4.05E-05	3.70E-05	6.34E-06	6.35E-06	1.3344E-03
607127.8	4200928.22	42669.19879	0.32431	0.31487	0.10077	0.09191	0.04298	0.0431	1.07E-03	8.14E-05	8.01E-05	4.10E-05	3.73E-05	6.28E-06	6.28E-06	1.3129E-03
607147.8	4200928.22	41089.89119	0.37519	0.36022	0.10177	0.0924	0.04255	0.04266	1.03E-03	9.42E-05	9.16E-05	4.15E-05	3.75E-05	6.21E-06	6.22E-06	1.2981E-03
607167.8	4200928.22	39613.05854	0.4375	0.41485	0.10236	0.09262	0.04212	0.0422	9.96E-04	1.10E-04	1.06E-04	4.17E-05	3.76E-05	6.15E-06	6.15E-06	1.2908E-03
607187.8	4200928.22	38229.1611	0.51522	0.48181	0.10259	0.09264	0.04168	0.04175	9.61E-04	1.29E-04	1.23E-04	4.18E-05	3.76E-05	6.09E-06	6.09E-06	1.2927E-03
607207.8	4200928.22	36926.83376	0.61553	0.56661	0.10278	0.09282	0.04124	0.04129	9.29E-04	1.55E-04	1.44E-04	4.19E-05	3.77E-05	6.02E-06	6.02E-06	1.3069E-03
607227.8	4200928.22	35703.41322	0.74722	0.67535	0.1029	0.09304	0.04079	0.04083	8.98E-04	1.88E-04	1.72E-04	4.19E-05	3.77E-05	5.96E-06	5.95E-06	1.3370E-03
606667.8	4200948.22	151245.625	0.04148	0.04302	0.05802	0.05727	0.05146	0.05238	3.80E-03	1.04E-05	1.09E-05	2.36E-05	2.32E-05	7.51E-06	7.63E-06	3.8716E-03
606687.8	4200948.22	142119.5581	0.04373	0.04531	0.05946	0.05861	0.05142	0.05228	3.57E-03	1.10E-05	1.15E-05	2.42E-05	2.38E-05	7.51E-06	7.62E-06	3.6444E-03
606707.8	4200948.22	132933.3807	0.04608	0.04781	0.06128	0.06034	0.05135	0.05217	3.34E-03	1.16E-05	1.22E-05	2.50E-05	2.45E-05	7.50E-06	7.60E-06	3.4160E-03
606727.8	4200948.22	123981.0335	0.04856	0.05041	0.06296	0.06205	0.05126	0.05202	3.12E-03	1.22E-05	1.28E-05	2.56E-05	2.52E-05	7.49E-06	7.58E-06	3.1936E-03
606747.8	4200948.22	115422.9165	0.05134	0.05331	0.06472	0.0637	0.05113	0.05184	2.90E-03	1.29E-05	1.36E-05	2.64E-05	2.58E-05	7.47E-06	7.56E-06	2.9812E-03
606767.8	4200948.22	107434.859	0.0545	0.05659	0.06657	0.06544	0.05095	0.05162	2.70E-03	1.37E-05	1.44E-05	2.71E-05	2.65E-05	7.44E-06	7.52E-06	2.7834E-03
606787.8	4200948.22	100145.3696	0.05797	0.06019	0.06849	0.06723	0.05075	0.05138	2.52E-03	1.46E-05	1.53E-05	2.79E-05	2.73E-05	7.41E-06	7.49E-06	2.6034E-03
606807.8	4200948.22	93535.25375	0.0618	0.06416	0.07049	0.06909	0.05052	0.05111	2.35E-03	1.55E-05	1.63E-05	2.87E-05	2.80E-05	7.38E-06	7.45E-06	2.4407E-03
606827.8	4200948.22	87533.8536	0.06621	0.06871	0.07264	0.07107	0.05026	0.0508	2.20E-03	1.66E-05	1.75E-05	2.96E-05	2.88E-05	7.34E-06	7.40E-06	2.2937E-03
606927.8	4200948.22	65202.68078	0.09806	0.10117	0.08425	0.08145	0.04862	0.04898	1.64E-03	2.46E-05	2.57E-05	3.43E-05	3.30E-05	7.10E-06	7.14E-06	1.7574E-03
606947.8	4200948.22	61897.40284	0.10739	0.1106	0.08726	0.08408	0.04824	0.04857	1.56E-03	2.70E-05	2.81E-05	3.55E-05	3.41E-05	7.04E-06	7.08E-06	1.6813E-03
606967.8	4200948.22	58876.06964	0.11808	0.12146	0.09045	0.0868	0.04785	0.04814	1.48E-03	2.97E-05	3.09E-05	3.68E-05	3.52E-05	6.99E-06	7.02E-06	1.6132E-03
606987.8	4200948.22	56108.93689	0.13046	0.13388	0.09376	0.08957	0.04744	0.0477	1.41E-03	3.28E-05	3.41E-05	3.82E-05	3.63E-05	6.93E-06	6.95E-06	1.5523E-03
607007.8	4200948.22	53566.7996	0.14482	0.14827	0.09719	0.09235	0.04702	0.04725	1.35E-03	3.64E-05	3.77E-05	3.96E-05	3.75E-05	6.87E-06	6.89E-06	1.4982E-03
607027.8	4200948.22	51220.81566	0.16186	0.165	0.10069	0.09512	0.04658	0.04679	1.29E-03	4.07E-05	4.20E-05	4.10E-05	3.86E-05	6.80E-06	6.82E-06	1.4503E-03
607047.8	4200948.22	49051.20988	0.18196	0.18465	0.10421	0.09784	0.04614	0.04632	1.23E-03	4.57E-05	4.70E-05	4.24E-05	3.97E-05	6.74E-06	6.75E-06	1.4083E-03
607067.8	4200948.22	47041.46268	0.20581	0.2077	0.10768	0.10041	0.04569	0.04584	1.18E-03	5.17E-05	5.28E-05	4.39E-05	4.07E-05	6.67E-06	6.68E-06	1.3721E-03
607087.8	4200948.22	45175.6697	0.23438	0.23501	0.111	0.10275	0.04523	0.04536	1.14E-03	5.89E-05	5.98E-05	4.52E-05	4.17E-05	6.61E-06	6.61E-06	1.3416E-03
607107.8	4200948.22	43438.1357	0.26897	0.26733	0.11413	0.10486	0.04476	0.04487	1.09E-03	6.76E-05	6.80E-05	4.65E-05	4.25E-05	6.54E-06	6.54E-06	1.3169E-03
607127.8	4200948.22	41814.59033	0.31133	0.30628	0.11699	0.10669	0.04429	0.04438	1.05E-03	7.82E-05	7.79E-05	4.77E-05	4.33E-05	6.47E-06	6.47E-06	1.2985E-03
607147.8	4200948.22	40299.981	0.36295	0.35286	0.11928	0.10799	0.04381	0.04388	1.01E-03	9.12E-05	8.98E-05	4.86E-05	4.38E-05	6.40E-06	6.40E-06	1.2867E-03
607167.8	4200948.22	38876.51595	0.42803	0.41048	0.1212	0.10906	0.04333	0.04338	9.78E-04	1.07E-04	1.04E-04	4.94E-05	4.42E-05	6.33E-06	6.32E-06	1.2832E-03
607187.8	4200948.22	37541.88456	0.51022	0.48166	0.12246	0.10966	0.04284	0.04287	9.44E-04	1.28E-04	1.23E-04	4.99E-05	4.45E-05	6.26E-06	6.25E-06	1.2891E-03
607207.8	4200948.22	36287.12956	0.61665	0.57174	0.12315	0.10997	0.04235	0.04236	9.13E-04	1.55E-04	1.45E-04	5.02E-05	4.46E-05	6.18E-06	6.17E-06	1.3076E-03
607227.8	4200948.22	35105.92126	0.75859	0.68877	0.12343	0.11016	0.04186	0.04186	8.83E-04	1.91E-04	1.75E-04	5.03E-05	4.47E-05	6.11E-06	6.10E-06	1.3435E-03
606547.8	4200968.22	156804.578	0.02991	0.03085	0.05035	0.0501	0.05428	0.05553	3.94E-03	7.51E-06	7.85E-06	2.05E-05	2.03E-05	7.93E-06	8.09E-06	3.9993E-03
606567.8	4200968.22	155101.7297	0.03113	0.03214	0.05163	0.05136	0.05443	0.05562	3.90E-03	7.82E-06	8.18E-06	2.10E-05	2.08E-05	7.95E-06	8.11E-06	3.9582E-03
606587.8	4200968.22	152778.972	0.03253	0.03359	0.05298	0.05268	0.05453	0.05565	3.84E-03	8.17E-06	8.55E-06	2.16E-05	2.14E-05	7.96E-06	8.11E-06	3.9016E-03
606607.8	4200968.22	149858.7241	0.03386	0.03499	0.05441	0.05408	0.05458	0.05565	3.77E-03	8.50E-06	8.90E-06	2.22E-05	2.19E-05	7.97E-06	8.11E-06	3.8300E-03
606627.8	4200968.22	145699.6861	0.0356	0.03686	0.05591	0.05553	0.05457	0.05558	3.66E-03	8.94E-06	9.38E-06	2.28E-05	2.25E-05	7.97E-06	8.10E-06	3.7275E-03
606647.8	4200968.22	140672.2008	0.03714	0.03842	0.05748	0.05706	0.05454	0.05549	3.54E-03	9.33E-06	9.77E-06	2.34E-05	2.31E-05	7.96E-06	8.09E-06	3.6031E-03
606667.8	4200968.22	134921.4978	0.03864	0.0402	0.05982	0.05912	0.05449	0.05538	3.39E-03	9.70E-06	1.02E-05	2.44E-05	2.40E-05	7.96E-06	8.07E-06	3.4611E-03
606687.8	4200968.22	128285.7739	0.04048	0.04215	0.06153	0.06093	0.05439	0.05523	3.23E-03	1.02E-05	1.07E-05	2.51E-05	2.47E-05	7.94E-06	8.05E-06	3.2966E-03
606707.8	4200968.22	121197.0313	0.04258	0.04437	0.06332	0.06265	0.05423	0.05502	3.05E-03	1.07E-05	1.13E-05	2.58E-05	2.54E-05	7.92E-06	8.02E-06	3.1209E-03
606727.8	4200968.22	114082.1298	0.04485	0.04676	0.06518	0.06442	0.05405	0.05478	2.87E-03	1.13E-05	1.19E-05	2.65E-05	2.61E-05	7.89E-06	7.98E-06	2.9446E-03
606747.8	4200968.22	107100.0885	0.04746	0.0495	0.06715	0.0663	0.05382	0.0545	2.69E-03	1.19E-05	1.26E-05	2.74E-05	2.69E-05	7.86E-06	7.94E-06	2.7720E-03
606767.8	4200968.22	100484.7513	0.05033	0.05251	0.06922	0.06826	0.05356	0.05419	2.53E-03	1.26E-05	1.34E-05	2.82E-05	2.77E-05	7.82E-06	7.90E-06	2.6088E-03
606787.8	4200968.22	94304.8691	0.05353	0.05586	0.0714	0.07032	0.05327	0.05386	2.37E-03	1.34E-05	1.42E-05	2.91E-05	2.85E-05	7.78E-06	7.85E-06	2.4567E-03
606907.8	4200968.22	66446.89112	0.08304	0.08624	0.08637	0.08421	0.05101	0.05136	1.67E-03	2.09E-05	2.19E-05	3.52E-05	3.42E-05	7.45E-06	7.49E-06	1.7831E-03
606927.8	4200968.22	63090.16359	0.09047	0.09403	0.0897	0.08723	0.05057	0.05088	1.59E-03	2.27E-05	2.39E-05	3.65E-05	3.54E-05	7.38E-06	7.42E-06	1.7051E-03
606947.8	4200968.22	60012.05148	0.09896	0.10277	0.0933	0.09045	0.05012	0.0504	1.51E-03	2.49E-05	2.61E-05	3.80E-05	3.67E-05	7.32E-06	7.35E-06	1.6348E-03
606967.8	4200968.22	57183.9504	0.10873	0.11283	0.09716	0.09386	0.04965	0.0499	1.44E-03	2.73E-05	2.87E-05	3.96E-05	3.81E-05	7.25E-06	7.27E-06	1.5717E-03
606987.8	4200968.22	54579.41729	0.12011	0.12447	0.10129	0.09744	0.04917	0.04939	1.37E-03	3.02E-05	3.17E-05	4.13E-05	3.95E-05	7.18E-06	7.20E-06	1.5151E-03
607007.8	4200968.22	52175.91652	0.13345	0.13807	0.1057	0.1012	0.04868	0.04887	1.31E-03	3.35E-05	3.51E-05	4.31E-05	4.11E-05	7.11E-06	7.12E-06	1.4648E-03
607027.8	4200968.22	49950.95589	0.14928	0.15399	0.11034	0.10504	0.04819	0.04835	1.26E-03	3.75E-05	3.92E-05	4.49E-05	4.26E-05	7.04E-06	7.05E-06	1.4203E-03
607047.8	4200968.22	47887.5075	0.1681	0.1728	0.1152	0.10899	0.04768	0.04781	1.20E-03	4.22E-05	4.40E-05	4.69E-05	4.42E-05	6.96E-06	6.97E-06	1.3815E-03
607067.8	4200968.22	45972.64482	0.19055	0.19503	0.12019	0.11292	0.04716	0.04728	1.16E-03	4.79E-05	4.96E-05	4.90E-05	4.58E-05	6.89E-06	6.89E-06	1.3483E-03
607087.8	4200968.22	44189.25607	0.21783	0.22175	0.1253	0.11678	0.04664	0.04673	1.11E-03	5.47E-05	5.64E-05	5.10E-05	4.74E-05	6.81E-06	6.81E-06	1.3207E-03
607107.8	4200968.22	42525.16328	0.25128	0.25382	0.13045	0.12054	0.04612	0.04619	1.07E-03	6.31E-05	6.46E-05	5.31E-05	4.89E-05	6.74E-06	6.73E-06	1.2991E-03
607127.8	4200968.22	40969.06118	0.29269	0.29283	0.1355	0.12405	0.04559	0.04564	1.03E-03	7.35E-05	7.45E-05	5.52E-05	5.03E-05	6.66E-06	6.65E-06	1.2838E-03
607147.8	4200968.22	39512.04042	0.34443	0.34056	0.14025	0.12715	0.04506	0.04508	9.94E-04	8.65E-05	8.66E-05	5.71E-05	5.16E-05	6.58E-06	6.57E-06	1.2755E-03

607167.8	4200968.22	38144.26164	0.41015	0.39981	0.14448	0.12973	0.04452	0.04453	9.59E-04	1.03E-04	1.02E-04	5.88E-05	5.26E-05	6.50E-06	6.49E-06	1.2754E-03
607187.8	4200968.22	36857.35838	0.49534	0.47458	0.14805	0.13177	0.04398	0.04398	9.27E-04	1.24E-04	1.21E-04	6.03E-05	5.35E-05	6.42E-06	6.41E-06	1.2857E-03
607207.8	4200968.22	35645.63882	0.60802	0.57062	0.15069	0.13322	0.04344	0.04342	8.96E-04	1.53E-04	1.45E-04	6.14E-05	5.40E-05	6.34E-06	6.33E-06	1.3097E-03
607227.8	4200968.22	34508.0841	0.75815	0.6946	0.1518	0.1336	0.04291	0.04287	8.68E-04	1.90E-04	1.77E-04	6.18E-05	5.42E-05	6.27E-06	6.25E-06	1.3509E-03
606527.8	4200988.22	143511.1206	0.0266	0.02752	0.05041	0.05014	0.05794	0.05926	3.61E-03	6.68E-06	7.00E-06	2.05E-05	2.03E-05	8.46E-06	8.64E-06	3.6634E-03
606547.8	4200988.22	141346.4949	0.02764	0.02864	0.05181	0.05139	0.05805	0.0593	3.55E-03	6.94E-06	7.29E-06	2.11E-05	2.08E-05	8.48E-06	8.64E-06	3.6106E-03
606567.8	4200988.22	139214.583	0.02894	0.02986	0.05285	0.0527	0.05809	0.05927	3.50E-03	7.27E-06	7.60E-06	2.15E-05	2.14E-05	8.48E-06	8.64E-06	3.5586E-03
606587.8	4200988.22	136823.9287	0.03022	0.03122	0.05426	0.05409	0.05809	0.0592	3.44E-03	7.59E-06	7.94E-06	2.21E-05	2.19E-05	8.48E-06	8.63E-06	3.5003E-03
606607.8	4200988.22	134004.0893	0.03161	0.03268	0.05576	0.05553	0.05804	0.05908	3.37E-03	7.94E-06	8.31E-06	2.27E-05	2.25E-05	8.48E-06	8.61E-06	3.4313E-03
606627.8	4200988.22	130705.6326	0.03287	0.03398	0.05735	0.05711	0.05795	0.05893	3.29E-03	8.26E-06	8.65E-06	2.34E-05	2.32E-05	8.46E-06	8.59E-06	3.3503E-03
606647.8	4200988.22	126620.048	0.0342	0.03565	0.05947	0.05875	0.05781	0.05873	3.18E-03	8.59E-06	9.07E-06	2.42E-05	2.38E-05	8.44E-06	8.56E-06	3.2498E-03
606667.8	4200988.22	121890.9854	0.03587	0.03739	0.06149	0.06112	0.05764	0.05851	3.07E-03	9.01E-06	9.51E-06	2.50E-05	2.48E-05	8.42E-06	8.53E-06	3.1335E-03
606687.8	4200988.22	116693.5172	0.03748	0.03911	0.0633	0.06287	0.05745	0.05825	2.93E-03	9.41E-06	9.95E-06	2.58E-05	2.55E-05	8.39E-06	8.49E-06	3.0051E-03
606707.8	4200988.22	111113.701	0.0393	0.04106	0.06522	0.06472	0.0572	0.05795	2.79E-03	9.87E-06	1.04E-05	2.66E-05	2.63E-05	8.35E-06	8.45E-06	2.8673E-03
606727.8	4200988.22	105376.3594	0.04135	0.04324	0.06724	0.06667	0.05691	0.05761	2.65E-03	1.04E-05	1.10E-05	2.74E-05	2.70E-05	8.31E-06	8.40E-06	2.7257E-03
606747.8	4200988.22	99645.72391	0.04374	0.04577	0.06942	0.06876	0.05658	0.05722	2.51E-03	1.10E-05	1.16E-05	2.83E-05	2.79E-05	8.26E-06	8.34E-06	2.5846E-03
606867.8	4200988.22	71138.23537	0.06455	0.06738	0.08434	0.08301	0.05405	0.05442	1.79E-03	1.62E-05	1.71E-05	3.44E-05	3.37E-05	7.89E-06	7.93E-06	1.8903E-03
606887.8	4200988.22	67495.34817	0.07006	0.07319	0.08759	0.08606	0.05356	0.05389	1.70E-03	1.76E-05	1.86E-05	3.57E-05	3.49E-05	7.82E-06	7.85E-06	1.8041E-03
606907.8	4200988.22	64138.56937	0.07615	0.07957	0.09108	0.08929	0.05305	0.05335	1.61E-03	1.91E-05	2.02E-05	3.71E-05	3.62E-05	7.75E-06	7.78E-06	1.7256E-03
606927.8	4200988.22	61040.22714	0.08284	0.08667	0.09491	0.09285	0.05253	0.0528	1.53E-03	2.08E-05	2.21E-05	3.87E-05	3.77E-05	7.67E-06	7.70E-06	1.6541E-03
606947.8	4200988.22	58179.29787	0.09048	0.09466	0.09909	0.09669	0.052	0.05223	1.46E-03	2.27E-05	2.41E-05	4.04E-05	3.92E-05	7.59E-06	7.61E-06	1.5894E-03
606967.8	4200988.22	55534.80035	0.09927	0.10386	0.10363	0.10083	0.05146	0.05166	1.40E-03	2.49E-05	2.64E-05	4.22E-05	4.09E-05	7.51E-06	7.53E-06	1.5310E-03
606987.8	4200988.22	53087.17525	0.10953	0.11454	0.10857	0.10526	0.05091	0.05108	1.33E-03	2.75E-05	2.91E-05	4.42E-05	4.27E-05	7.43E-06	7.45E-06	1.4785E-03
607007.8	4200988.22	50818.68995	0.12156	0.12707	0.11397	0.11003	0.05035	0.05049	1.28E-03	3.05E-05	3.23E-05	4.64E-05	4.46E-05	7.35E-06	7.36E-06	1.4318E-03
607027.8	4200988.22	48708.31983	0.13599	0.14191	0.11986	0.11514	0.04978	0.04989	1.22E-03	3.42E-05	3.61E-05	4.88E-05	4.67E-05	7.27E-06	7.27E-06	1.3906E-03
607047.8	4200988.22	46749.16076	0.15301	0.15935	0.1261	0.12044	0.04921	0.04929	1.18E-03	3.84E-05	4.05E-05	5.14E-05	4.89E-05	7.19E-06	7.18E-06	1.3548E-03
607067.8	4200988.22	44923.85493	0.17356	0.18024	0.13281	0.12602	0.04863	0.04869	1.13E-03	4.36E-05	4.59E-05	5.41E-05	5.11E-05	7.10E-06	7.10E-06	1.3244E-03
607087.8	4200988.22	43220.09595	0.19874	0.20563	0.14001	0.13181	0.04805	0.04809	1.09E-03	4.99E-05	5.23E-05	5.70E-05	5.35E-05	7.02E-06	7.01E-06	1.2996E-03
607107.8	4200988.22	41626.80261	0.22993	0.2365	0.14767	0.13779	0.04746	0.04748	1.05E-03	5.77E-05	6.02E-05	6.01E-05	5.59E-05	6.93E-06	6.92E-06	1.2807E-03
607127.8	4200988.22	40134.21307	0.26906	0.27459	0.15572	0.14383	0.04687	0.04688	1.01E-03	6.76E-05	6.99E-05	6.34E-05	5.83E-05	6.84E-06	6.83E-06	1.2685E-03
607147.8	4200988.22	38733.74541	0.31888	0.32211	0.16403	0.14975	0.04628	0.04627	9.74E-04	8.01E-05	8.20E-05	6.68E-05	6.07E-05	6.76E-06	6.74E-06	1.2636E-03
607167.8	4200988.22	37417.49499	0.38342	0.38214	0.17231	0.15534	0.04569	0.04566	9.41E-04	9.63E-05	9.72E-05	7.02E-05	6.30E-05	6.67E-06	6.66E-06	1.2676E-03
607187.8	4200988.22	36178.32429	0.4687	0.45905	0.18019	0.16033	0.04511	0.04506	9.10E-04	1.18E-04	1.17E-04	7.34E-05	6.50E-05	6.59E-06	6.57E-06	1.2827E-03
607207.8	4200988.22	35011.22451	0.58356	0.55906	0.18702	0.16431	0.04452	0.04445	8.80E-04	1.47E-04	1.42E-04	7.62E-05	6.67E-05	6.50E-06	6.48E-06	1.3120E-03
606527.8	4201008.22	130767.3364	0.02482	0.02572	0.05169	0.05167	0.06202	0.06334	3.29E-03	6.23E-06	6.54E-06	2.11E-05	2.10E-05	9.06E-06	9.23E-06	3.3432E-03
606547.8	4201008.22	128578.4635	0.02578	0.02674	0.05305	0.05301	0.06202	0.06325	3.23E-03	6.47E-06	6.80E-06	2.16E-05	2.15E-05	9.06E-06	9.22E-06	3.2897E-03
606567.8	4201008.22	126372.0958	0.02688	0.0279	0.0545	0.05444	0.06194	0.0631	3.18E-03	6.75E-06	7.10E-06	2.22E-05	2.21E-05	9.05E-06	9.20E-06	3.2360E-03
606587.8	4201008.22	124074.1944	0.02801	0.0291	0.05603	0.05587	0.06182	0.06291	3.12E-03	7.03E-06	7.40E-06	2.28E-05	2.27E-05	9.03E-06	9.17E-06	3.1800E-03
606607.8	4201008.22	121484.4247	0.02923	0.03039	0.05759	0.05733	0.06165	0.06267	3.05E-03	7.34E-06	7.73E-06	2.35E-05	2.33E-05	9.00E-06	9.13E-06	3.1167E-03
606627.8	4201008.22	118600.8672	0.03046	0.0317	0.05932	0.05919	0.06145	0.0624	2.98E-03	7.65E-06	8.07E-06	2.42E-05	2.40E-05	8.97E-06	9.10E-06	3.0463E-03
606647.8	4201008.22	115214.0806	0.03174	0.03308	0.06108	0.06091	0.06121	0.06209	2.90E-03	7.97E-06	8.42E-06	2.49E-05	2.47E-05	8.94E-06	9.05E-06	2.9632E-03
606667.8	4201008.22	111272.1673	0.03319	0.03462	0.06295	0.06274	0.06092	0.06173	2.80E-03	8.34E-06	8.81E-06	2.56E-05	2.55E-05	8.90E-06	9.00E-06	2.8664E-03
606687.8	4201008.22	107035.0735	0.03463	0.03617	0.06487	0.06462	0.0606	0.06136	2.69E-03	8.70E-06	9.20E-06	2.64E-05	2.62E-05	8.85E-06	8.94E-06	2.7621E-03
606827.8	4201008.22	75577.91484	0.05142	0.05409	0.08241	0.08162	0.0574	0.0578	1.90E-03	1.29E-05	1.38E-05	3.36E-05	3.31E-05	8.38E-06	8.42E-06	1.9939E-03
606847.8	4201008.22	71799.7068	0.05504	0.05794	0.08561	0.08453	0.05685	0.05721	1.81E-03	1.38E-05	1.47E-05	3.49E-05	3.43E-05	8.30E-06	8.34E-06	1.9033E-03
606867.8	4201008.22	68259.25552	0.05931	0.06201	0.08794	0.08697	0.05628	0.0566	1.72E-03	1.49E-05	1.58E-05	3.58E-05	3.53E-05	8.22E-06	8.25E-06	1.8183E-03
606887.8	4201008.22	64964.96612	0.06411	0.06726	0.09157	0.09044	0.0557	0.05598	1.63E-03	1.61E-05	1.71E-05	3.73E-05	3.67E-05	8.13E-06	8.16E-06	1.7409E-03
606907.8	4201008.22	61899.52834	0.06953	0.07299	0.09548	0.09413	0.0551	0.05535	1.56E-03	1.75E-05	1.86E-05	3.89E-05	3.82E-05	8.05E-06	8.07E-06	1.6697E-03
606927.8	4201008.22	59047.76261	0.07547	0.07938	0.09979	0.09821	0.0545	0.05471	1.48E-03	1.90E-05	2.02E-05	4.06E-05	3.98E-05	7.96E-06	7.97E-06	1.6045E-03
606947.8	4201008.22	56395.91196	0.08224	0.08656	0.10451	0.10267	0.05389	0.05406	1.42E-03	2.07E-05	2.20E-05	4.26E-05	4.16E-05	7.87E-06	7.88E-06	1.5451E-03
606967.8	4201008.22	53929.08534	0.09001	0.09483	0.10971	0.10752	0.05327	0.05341	1.36E-03	2.26E-05	2.41E-05	4.47E-05	4.36E-05	7.78E-06	7.78E-06	1.4912E-03
606987.8	4201008.22	51633.37963	0.09908	0.10443	0.11543	0.11282	0.05264	0.05275	1.30E-03	2.49E-05	2.66E-05	4.70E-05	4.58E-05	7.69E-06	7.69E-06	1.4426E-03
607007.8	4201008.22	49495.40091	0.1097	0.11571	0.12178	0.11862	0.05201	0.05209	1.24E-03	2.76E-05	2.94E-05	4.96E-05	4.81E-05	7.60E-06	7.59E-06	1.3994E-03
607027.8	4201008.22	47498.5268	0.12244	0.1291	0.12883	0.12497	0.05136	0.05142	1.19E-03	3.08E-05	3.28E-05	5.25E-05	5.07E-05	7.50E-06	7.49E-06	1.3612E-03
607047.8	4201008.22	45637.91228	0.1375	0.14491	0.1365	0.13178	0.05072	0.05076	1.15E-03	3.45E-05	3.69E-05	5.56E-05	5.35E-05	7.41E-06	7.40E-06	1.3281E-03
607067.8	4201008.22	43899.0964	0.15571	0.16395	0.14498	0.13918	0.05007	0.05009	1.10E-03	3.91E-05	4.17E-05	5.91E-05	5.65E-05	7.31E-06	7.30E-06	1.3002E-03
607087.8	4201008.22	42271.91509	0.17811	0.18724	0.15438	0.14718	0.04943	0.04942	1.06E-03	4.47E-05	4.76E-05	6.29E-05	5.97E-05	7.22E-06	7.20E-06	1.2780E-03
607107.8	4201008.22	40746.80978	0.20605	0.21588	0.16481	0.15585	0.04878	0.04876	1.02E-03	5.17E-05	5.49E-05	6.71E-05	6.32E-05	7.12E-06	7.11E-06	1.2617E-03
607127.8	4201008.22	39315.14327	0.24143	0.25171	0.17637	0.16515	0.04813	0.04809	9.89E-04	6.06E-05	6.40E-05	7.18E-05	6.70E-05	7.03E-06	7.01E-06	1.2522E-03
607147.8	4201008.22	37969.55445	0.28712	0.29719	0.18915	0.17502	0.04749	0.04743	9.55E-04	7.21E-05	7.56E-05	7.70E-05	7.10E-05	6.94E-06	6.91E-06	1.2506E-03
607167.8	4201008.22	36702.77409	0.34743	0.35588	0.2031	0.1853	0.04684	0.04677	9.23E-04	8.73E-05	9.05E-05	8.27E-05	7.52E-05	6.84E-06	6.82E-06	1.2586E-03
607187.8	4201008.22	35508.50925	0.42902	0.4329	0.21804	0.1957	0.0462	0.04611	8.93E-04	1.08E-04	1.10E-04	8.88E-05	7.94E-05	6.75E-06	6.72E-06	1.2790E-03
607207.8	4201008.22	34383.65319	0.54124	0.53497	0.2331	0.20543	0.04557	0.04546	8.65E-04	1.36E-04	1.36E-04	9.49E-05	8.33E-05	6.65E-06	6.63E-06	1.3150E-03
606787.8	4201028.22	79269.60194	0.04154	0.04362	0.07875	0.07845	0.06111	0.06153	1.99E-03	1.04E-05	1.11E-05	3.21E-05	3.18E-05	8.92E-06	8.97E-06	2.0788E-03
606807.8	4201028.22	75564.9609	0.04413	0.0464	0.08179	0.08142	0.06048	0.06087	1.90E-03	1.11E-05	1.18E-05	3.33E-05	3.30E-05	8.83E-06	8.87E-06	1.9894E-03
606827.8	4201028.22	72022.38326	0.04706	0.04954	0.08506	0.08462	0.05984	0.06018	1.81E-03	1.18E-05	1.26E-05	3.46E-05	3.43E-05	8.74E-06	8.77E-06	1.9045E-03
606847.8	4201028.22	68671.21916	0.05027	0.05298	0.08855	0.08784	0.05919	0.05948	1.73E-03	1.26E-05	1.35E-05	3.61E-05	3.56E-05	8.64E-06	8.67E-06	1.8247E-03
606867.8	4201028.22	65501.60659	0.05422	0.05681	0.09117	0.0906	0.05852	0.05877	1.65E-03	1.36E-05	1.45E-05	3.71E-05	3.68E-05	8.55E-06	8.57E-06	1.7491E-03
606887.8	4201028.22	62523.64759	0.05857	0.06157	0.09517	0.09448	0.05784	0.05806	1.57E-03	1.47E-05	1.57E-05	3.88E-05	3.83E-05	8.45E-06	8.46E-06	1.6797E-03
606907.8	4201028.22	59730.69833	0.06336	0.06667	0.09948	0.09862	0.05716	0.05734	1.50E-03	1.59E-05	1.70E-05	4.05E-05	4.00E-05	8.35E-06	8.36E-06	1.6154E-03
606927.8	4201028.22	57111.98146	0.06858	0.07235	0.10423	0.10321	0.05647	0.05661	1.44E-03	1.72E-05	1.84E-05	4.25E-05	4.19E-05	8.25E-06	8.25E-06	1.5561E-03
606947.8	4201028.22	54659.4974	0.0745	0.0787	0.10946	0.10824	0.05577	0.05588	1.37E-03	1.87E-05	2.00E-05	4.46E-05	4.39E-05	8.14E-06	8.14E-06	1.5017E-03
606967.8	4201028.22	52363.93005	0.08127	0.08601	0.11525	0.11377	0.05506	0.05515	1.32E-03	2.04E-05	2.19E-05	4.69E-05	4.62E-05	8.04E-06	8.04E-06	1.4522E-03
606987.8	4201028.22	50215.07479	0.08917	0.09449	0.12169	0.1199	0.05435	0.05441	1.26E-03	2.24E-05	2.40E-05	4.96E-05	4.86E-05	7.94E-06	7.93E-06	1.4074E-03
607007.8	4201028.22	48205.74598	0.0983	0.10438	0.12886	0.12664	0.05365	0.05368	1.21E-03	2.47E-05	2.66E-05	5.25E-05	5.14E-05	7.83E-06	7.82E-06	1.3673E-03
607027.8	4201028.22	46321.26062	0.10926	0.1161	0.13693	0.13417	0.05293	0.05294	1.16E-03	2.74E-05	2.95E-05	5.58E-05	5.44E-05	7.73E-06	7.72E-06	1.3320E-03
607047.8	4201028.22	44556.10258	0.12223	0.13001	0.14594	0.1425	0.05222	0.0522	1.12E-03	3.07E-05	3.31E-05	5.94E-05	5.78E-05	7.63E-06	7.61E-06	1.3015E-03
607067.8	4201028.22	42900.17303	0.13795	0.14688	0.15612	0.15178	0.0515	0.05146	1.08E-03	3.46E-05	3.74E-05	6.36E-05	6.16E-05	7.52E-06	7.50E-06	1.2760E-03
607087.8	4201028.22	41347.32875	0.15717	0.16748	0.16761	0.16209	0.05079	0.05073	1.04E-03	3.95E-05	4.26E-05	6.83E-05	6.58E-05	7.42E-06	7.39E-06	1.2559E-03
607107.8	4201028.22	39888.01189	0.18119	0.19296	0.18075	0.17365	0.05008	0.05	1.00E-03	4.55E-05	4.91E-05	7.36E-05	7.04E-05	7.31E-06	7.29E-06	1.2417E-03
607127.8	4201028.22	38515.16041	0.21169	0.22513	0.19587	0.18665	0.04937	0.04928	9.69E-04	5.32E-05	5.73E-05	7.98E-05	7.57E-05	7.21E-06	7.18E-06	1.2345E-03
607147.8	4201028.22	37221.95761	0.25144	0.2666	0.21345	0.20132	0.04866	0.04855	9.36E-04	6.31E-05	6.78E-05	8.69E-05	8.17E-05	7.11E-06	7.08E-06	1.2356E-03
607167.8	4201028.22	36003.58545	0.3042	0.32085	0.23387	0.2177	0.04796	0.04784	9.05E-04	7.64E-05	8.16E-05	9.53E-05	8.83E-05	7.00E-06	6.97E-06	1.2470E-03
607187.8	4201028.22	34853.95161	0.3765	0.39358	0.2577	0.2359	0.04727	0.04713	8.76E-04	9.46E-05	1.00E-04	1.05E-04	9.57E-05	6.90E-06	6.87E-06	1.2718E-03
606727.8	4201048.22	85195.7631	0.03259	0.03403	0.07215	0.07224	0.06589	0.0664	2.14E-03	8.18E-06	8.66E-06	2.94E-05	2.93E-05	9.62E-06	9.68E-06	2.2179E-03
606747.8	4201048.22	81784.26146	0.03428	0.03584	0.07478	0.07484	0.06521	0.06567	2.06E-03	8.61E-06	9.12E-06	3.05E-05	3.04E-05	9.52E-06	9.57E-06	2.1352E-03
606767.8	4201048.22	78374.67463	0.03621	0.03791	0.07763	0.07765	0.0645	0.06491	1.97E-03	9.09E-06	9.65E-06	3.16E-05	3.15E-05	9.42E-06	9.46E-06	2.0527E-03
606787.8	4201048.22	75045.44066	0.03825	0.0401	0.08062	0.08061	0.06378	0.06414	1.89E-03	9.61E-06	1.02E-05	3.28E-05	3.27E-05	9.31E-06	9.35E-06	1.9725E-03
606807.8	4201048.22	71802.1142	0.04059	0.0426	0.08386	0.08382	0.06304	0.06335	1.81E-03	1.02E-05	1.08E-05	3.42E-05	3.40E-05	9.21E-06	9.23E-06	1.8948E-03
606827.8	4201048.22	68685.31296	0.04314	0.04534	0.08733	0.08725	0.06229	0.06256	1.73E-03	1.08E-05	1.15E-05	3.56E-05	3.54E-05	9.10E-06	9.12E-06	1.8205E-03
606847.8	4201048.22	65698.03802	0.04605	0.04846	0.09104	0.09061	0.06153	0.06175	1.65E-03	1.16E-05	1.23E-05	3.71E-05	3.68E-05	8.99E-06	9.00E-06	1.7498E-03
606867.8	4201048.22	62862.98743	0.04972	0.05201	0.09403	0.09386	0.06076	0.06094	1.58E-03	1.25E-05	1.32E-05	3.83E-05	3.81E-05	8.87E-06	8.88E-06	1.6829E-03
606887.8	4201048.22	60172.06711	0.05359	0.0563	0.09835	0.09812	0.05998	0.06013	1.51E-03	1.35E-05	1.43E-05	4.01E-05	3.98E-05	8.76E-06	8.76E-06	1.6208E-03
606907.8	4201048.22	57633.23696	0.05766	0.06074	0.10302	0.10268	0.0592	0.05932	1.45E-03	1.45E-05	1.55E-05	4.20E-05	4.17E-05	8.65E-06	8.65E-06	1.5628E-03
606927.8	4201048.22	55232.51532	0.06228	0.06574	0.10815	0.10771	0.05842	0.0585	1.39E-03	1.56E-05	1.67E-05	4.41E-05	4.37E-05	8.53E-06	8.53E-06	1.5090E-03
606947.8	4201048.22	52969.69116	0.06745	0.0713	0.11383	0.11327	0.05763	0.05768	1.33E-03	1.69E-05	1.81E-05	4.64E-05	4.59E-05	8.42E-06	8.41E-06	1.4594E-03
606967.8	4201048.22	50841.0318	0.07325	0.07758	0.12009	0.11939	0.05684	0.05687	1.28E-03	1.84E-05	1.97E-05	4.89E-05	4.84E-05	8.30E-06	8.29E-06	1.4140E-03
606987.8	4201048.22	48834.81209	0.07999	0.08495	0.12712	0.12623	0.05605	0.05605	1.23E-03	2.01E-05	2.16E-05	5.18E-05	5.12E-05	8.19E-06	8.17E-06	1.3727E-03
607007.8	4201048.22	46947.92051	0.08785	0.09355	0.13503	0.13389	0.05526	0.05523	1.18E-03	2.21E-05	2.38E-05	5.50E-05	5.43E-05	8.07E-06	8.05E-06	1.3358E-03
607027.8	4201048.22	45170.90194	0.09716	0.10362	0.14402	0.14252	0.05447	0.05442	1.14E-03	2.44E-05	2.64E-05	5.87E-05	5.78E-05	7.95E-06	7.93E-06	1.3031E-03
607047.8	4201048.22	43499.4814	0.10813	0.11558	0.15418	0.15224	0.05368	0.05361	1.09E-03	2.72E-05	2.94E-05	6.28E-05	6.18E-05	7.84E-06	7.81E-06	1.2750E-03
607067.8	4201048.22	41927.03183	0.12127	0.12996	0.16575	0.16322	0.0529	0.05281	1.05E-03	3.05E-05	3.31E-05	6.75E-05	6.62E-05	7.73E-06	7.70E-06	1.2516E-03
607087.8	4201048.22	40445.96869	0.13734	0.14756	0.17907	0.17575	0.05212	0.05201	1.02E-03	3.45E-05	3.75E-05	7.29E-05	7.13E-05	7.61E-06	7.58E-06	1.2334E-03
607107.8	4201048.22	39051.00642	0.15725	0.16931	0.19455	0.19011	0.05134	0.05122	9.82E-04	3.95E-05	4.31E-05	7.92E-05	7.71E-05	7.50E-06	7.47E-06	1.2209E-03
607127.8	4201048.22	37735.43137	0.18242	0.1968	0.2128	0.2068	0.05057	0.05043	9.49E-04	4.58E-05	5.01E-05	8.67E-05	8.39E-05	7.38E-06	7.35E-06	1.2154E-03
607147.8	4201048.22	36493.64103	0.21508	0.23233	0.23461	0.22635	0.04981	0.04965	9.18E-04	5.40E-05	5.91E-05	9.56E-05	9.18E-05	7.27E-06	7.24E-06	1.2182E-03
607167.8	4201048.22	35319.1814	0.25891	0.27978	0.26126	0.24964	0.04905	0.04888	8.88E-04	6.50E-05	7.12E-05	1.06E-04	1.01E-04	7.16E-06	7.12E-06	1.2321E-03
607187.8	4201048.22	34211.17782	0.31862	0.34397	0.29406	0.2773	0.0483	0.04812	8.60E-04	8.00E-05	8.75E-05	1.20E-04	1.12E-04	7.05E-06	7.01E-06	1.2601E-03
606527.8	4201068.22	102543.579	0.02042	0.02105	0.05361	0.0539	0.07547	0.07666	2.58E-03	5.13E-06	5.36E-06	2.18E-05	2.19E-05	1.10E-05	1.12E-05	2.6328E-03
606547.8	4201068.22	100767.9376	0.02117	0.02184	0.05513	0.05542	0.07501	0.0761	2.53E-03	5.32E-06	5.56E-06	2.25E-05	2.25E-05	1.10E-05	1.11E-05	2.5898E-03
606567.8	4201068.22	98951.78493	0.02198	0.0227	0.05675	0.05705	0.07449	0.07549	2.49E-03	5.52E-06	5.78E-06	2.31E-05	2.31E-05	1.09E-05	1.10E-05	2.5459E-03
606587.8	4201068.22	97099.33716	0.02281	0.02357	0.05843	0.05874	0.07391	0.07483	2.44E-03	5.73E-06	6.00E-06	2.38E-05	2.38E-05	1.08E-05	1.09E-05	2.5011E-03
606607.8	4201068.22	95155.74372	0.02367	0.02448	0.0602	0.06051	0.07331	0.07414	2.39E-03	5.94E-06	6.23E-06	2.45E-05	2.45E-05	1.07E-05	1.08E-05	2.4541E-03
606627.8	4201068.22	93102.299	0.02456	0.02543	0.06206	0.06238	0.07266	0.07342	2.34E-03	6.17E-06	6.47E-06	2.53E-05	2.53E-05	1.06E-05	1.07E-05	2.4044E-03
606647.8	4201068.22	90807.4748	0.0256	0.02652	0.06408	0.06441	0.07197	0.07266	2.28E-03	6.43E-06	6.75E-06	2.61E-05	2.61E-05	1.05E-05	1.06E-05	2.3489E-03
606667.8	4201068.22	88341.88539	0.02662	0.02762	0.06618	0.0665	0.07126	0.07188	2.22E-03	6.69E-06	7.03E-06	2.70E-05	2.70E-05	1.04E-05	1.05E-05	2.2892E-03
606687.8	4201068.22	85674.71744	0.02778	0.02885	0.06844	0.06876	0.07052	0.07107	2.15E-03	6.98E-06	7.34E-06	2.79E-05	2.79E-05	1.03E-05	1.04E-05	2.2245E-03
606707.8	4201068.22	82887.20682	0.02899	0.03014	0.07081	0.07112	0.06976	0.07025	2.08E-03	7.28E-06	7.67E-06	2.88E-05	2.88E-05	1.02E-05	1.02E-05	2.1570E-03
606727.8	4201068.22	79988.07642	0.03036	0.0316	0.07337	0.07367	0.06896	0.0694	2.01E-03	7.62E-06	8.04E-06	2.99E-05	2.99E-05	1.01E-05	1.01E-05	2.0869E-03
606747.8	4201068.22	77034.34592	0.03191	0.03325	0.07613	0.07642	0.06815	0.06853	1.94E-03	8.01E-06	8.46E-06	3.10E-05	3.10E-05	9.95E-06	9.99E-06	2.0156E-03
606767.8	4201068.22	74083.6424	0.03359	0.03504	0.07907	0.07935	0.06732	0.06764	1.86E-03	8.44E-06	8.92E-06	3.22E-05	3.22E-05	9.83E-06	9.86E-06	1.9447E-03
606787.8	4201068.22	71172.00069	0.03542	0.03699	0.0822	0.08247	0.06647	0.06675	1.79E-03	8.90E-06	9.41E-06	3.35E-05	3.35E-05	9.71E-06	9.73E-06	1.8750E-03
606807.8	4201068.22	68315.09114	0.03752	0.03924	0.08563	0.08589	0.06561	0.06584	1.72E-03	9.42E-06	9.98E-06	3.49E-05	3.48E-05	9.58E-06	9.60E-06	1.8070E-03
606827.8	4201068.22	65551.8622	0.03981	0.04169	0.08929	0.08955	0.06474	0.06493	1.65E-03	1.00E-05	1.06E-05	3.64E-05	3.63E-05	9.45E-06	9.46E-06	1.7417E-03
606847.8	4201068.22	62894.41939	0.04232	0.04438	0.09324	0.09333	0.06387	0.06402	1.58E-03	1.06E-05	1.13E-05	3.80E-05	3.79E-05	9.33E-06	9.33E-06	1.6793E-03
606867.8	4201068.22	60347.37803	0.04569	0.04749	0.09655	0.09675	0.06299	0.0631	1.52E-03	1.15E-05	1.21E-05	3.93E-05	3.92E-05	9.20E-06	9.20E-06	1.6197E-03
606887.8	4201068.22	57919.06442	0.04902	0.05137	0.10107	0.10128	0.06211	0.06219	1.46E-03	1.23E-05	1.31E-05	4.12E-05	4.11E-05	9.07E-06	9.06E-06	1.5641E-03
606907.8	4201068.22	55607.14551	0.05266	0.05531	0.10607	0.10626	0.06123	0.06128	1.40E-03	1.32E-05	1.41E-05	4.32E-05	4.31E-05	8.94E-06	8.93E-06	1.5119E-03
606927.8	4201068.22	53409.72717	0.05674	0.05978	0.11152	0.11166	0.06035	0.06036	1.34E-03	1.42E-05	1.52E-05	4.54E-05	4.53E-05	8.81E-06	8.80E-06	1.4633E-03
606947.8	4201068.22	51325.85134	0.06122	0.06457	0.11757	0.11768	0.05947	0.05946	1.29E-03	1.54E-05	1.64E-05	4.79E-05	4.77E-05	8.68E-06	8.67E-06	1.4181E-03
606967.8	4201068.22	49351.81626	0.06628	0.07005	0.12431	0.12437	0.0586	0.05855	1.24E-03	1.66E-05	1.78E-05	5.06E-05	5.05E-05	8.56E-06	8.53E-06	1.3766E-03
606987.8	4201068.22	47482.90971	0.07207	0.07637	0.13183	0.13184	0.05772	0.05765	1.19E-03	1.81E-05	1.94E-05	5.37E-05	5.35E-05	8.43E-06	8.40E-06	1.3387E-03
607007.8	4201068.22	45717.89522	0.07868	0.0836	0.14027	0.1402	0.05685	0.05676	1.15E-03	1.98E-05	2.13E-05	5.71E-05	5.69E-05	8.30E-06	8.27E-06	1.3047E-03
607027.8	4201068.22	44047.70585	0.08646	0.09213	0.14991	0.14973	0.05599	0.05587	1.11E-03	2.17E-05	2.34E-05	6.11E-05	6.07E-05	8.18E-06	8.14E-06	1.2746E-03
607047.8	4201068.22	42466.76385	0.09573	0.10227	0.16101	0.16066	0.05512	0.05499	1.07E-03	2.40E-05	2.60E-05	6.56E-05	6.52E-05	8.05E-06	8.02E-06	1.2487E-03
607067.8	4201068.22	40974.63429	0.10669	0.11432	0.17373	0.17314	0.05426	0.05411	1.03E-03	2.68E-05	2.91E-05	7.08E-05	7.02E-05	7.92E-06	7.89E-06	1.2273E-03
607087.8	4201068.22	39564.71208	0.11991	0.12893	0.18848	0.18757	0.05342	0.05325	9.95E-04	3.01E-05	3.28E-05	7.68E-05	7.61E-05	7.80E-06	7.76E-06	1.2107E-03
607107.8	4201068.22	38231.25007	0.1363	0.14706	0.20589	0.2045	0.05257	0.05239	9.61E-04	3.42E-05	3.74E-05	8.39E-05	8.30E-05	7.68E-06	7.64E-06	1.1999E-03
607127.8	4201068.22	36971.66558	0.15665	0.16965	0.22655	0.22446	0.05174	0.05154	9.30E-04	3.93E-05	4.32E-05	9.23E-05	9.11E-05	7.56E-06	7.51E-06	1.1956E-03
607147.8	4201068.22	35780.07256	0.18269	0.19866	0.25159	0.24843	0.05092	0.05071	9.00E-04	4.59E-05	5.05E-05	1.02E-04	1.01E-04	7.44E-06	7.39E-06	1.1994E-03
607167.8	4201068.22	34651.98983	0.21689	0.23697	0.28266	0.27779	0.0501	0.04988	8.71E-04	5.45E-05	6.03E-05	1.15E-04	1.13E-04	7.32E-06	7.27E-06	1.2140E-03
607187.8	4201068.22	33583.11001	0.26331	0.28924	0.32227	0.31453	0.0493	0.04907	8.45E-04	6.61E-05	7.36E-05	1.31E-04	1.28E-04	7.20E-06	7.15E-06	1.2431E-03
607207.8	4201068.22	32569.69904	0.3289	0.36351	0.37448	0.36178	0.04851	0.04827	8.19E-04	8.26E-05	9.25E-05	1.53E-04	1.47E-04	7.08E-06	7.04E-06	1.2934E-03
607227.8	4201068.22	31608.01741	0.42656	0.47459	0.44631	0.42462	0.04773	0.04748	7.95E-04	1.07E-04	1.21E-04	1.82E-04	1.72E-04	6.97E-06	6.92E-06	1.3767E-03
607247.8	4201068.22	30694.61673	0.58325	0.65243	0.55114	0.51185	0.04695	0.0467	7.72E-04	1.46E-04	1.66E-04	2.24E-04	2.08E-04	6.86E-06	6.81E-06	1.5165E-03
607267.8	4201068.22	29826.10415	0.86426	0.96507	0.7168	0.63975	0.0462	0.04594	7.50E-04	2.17E-04	2.46E-04	2.92E-04	2.60E-04	6.75E-06	6.70E-06	1.7641E-03
607287.8	4201068.22	28999.667	1.45809	1.58626	1.00645	0.83985	0.04545	0.04518	7.29E-04	3.66E-04	4.04E-04	4.10E-04	3.41E-04	6.64E-06	6.59E-06	2.2496E-03
607307.8	4201068.22	28212.74579	3.00598	2.96884	1.53752	1.15462	0.04471	0.04444	7.09E-04	7.55E-04	7.55E-04	6.26E-04	4.68E-04	6.53E-06	6.48E-06	3.3144E-03
606527.8	4201088.22	95485.69963	0.01928	0.01983	0.05404	0.05441	0.08031	0.08142	2.40E-03	4.84E-06	5.05E-06	2.20E-05	2.21E-05	1.17E-05	1.19E-05	2.4551E-03
606547.8	4201088.22	93850.00865	0.01998	0.02056	0.0556	0.05598	0.07965	0.08065	2.36E-03	5.02E-06	5.23E-06	2.26E-05	2.27E-05	1.16E-05	1.18E-05	2.4156E-03
606567.8	4201088.22	92199.3927	0.02069	0.02131	0.05723	0.05762	0.07893	0.07985	2.32E-03	5.20E-06	5.42E-06	2.33E-05	2.34E-05	1.15E-05	1.16E-05	2.3758E-03
606587.8	4201088.22	90487.20005	0.02146	0.02212	0.05896	0.05938	0.07817	0.079	2.28E-03	5.39E-06	5.63E-06	2.40E-05	2.41E-05	1.14E-05	1.15E-05	2.3346E-03
606607.8	4201088.22	88717.47507	0.02224	0.02293	0.06076	0.06119	0.07738	0.07813	2.23E-03	5.59E-06	5.83E-06	2.47E-05	2.48E-05	1.13E-05	1.14E-05	2.2919E-03
606627.8	4201088.22	86849.55824	0.0231	0.02384	0.0627	0.06315	0.07656	0.07722	2.18E-03	5.80E-06	6.07E-06	2.55E-05	2.56E-05	1.12E-05	1.13E-05	2.2470E-03
606647.8	4201088.22	84832.94789	0.024	0.02479	0.06475	0.06521	0.0757	0.07629	2.13E-03	6.03E-06	6.31E-06	2.64E-05	2.65E-05	1.11E-05	1.11E-05	2.1984E-03
606667.8	4201088.22	82651.74363	0.02498	0.02582	0.06693	0.0674	0.07483	0.07535	2.08E-03	6.27E-06	6.57E-06	2.73E-05	2.73E-05	1.09E-05	1.10E-05	2.1459E-03
606687.8	4201088.22	80316.68742	0.02605	0.02696	0.06928	0.06976	0.07393	0.07439	2.02E-03	6.54E-06	6.86E-06	2.82E-05	2.83E-05	1.08E-05	1.08E-05	2.0896E-03
606707.8	4201088.22	77877.43861	0.02721	0.02818	0.07176	0.07225	0.073	0.0734	1.96E-03	6.83E-06	7.17E-06	2.92E-05	2.93E-05	1.07E-05	1.07E-05	2.0309E-03
606727.8	4201088.22	75353.04582	0.02844	0.02949	0.0744	0.07489	0.07207	0.07241	1.89E-03	7.14E-06	7.50E-06	3.03E-05	3.04E-05	1.05E-05	1.06E-05	1.9702E-03
606747.8	4201088.22	72770.52775	0.02987	0.03099	0.07727	0.07777	0.0711	0.07139	1.83E-03	7.50E-06	7.88E-06	3.15E-05	3.15E-05	1.04E-05	1.04E-05	1.9084E-03
606767.8	4201088.22	70182.24719	0.03139	0.03261	0.08032	0.08082	0.07013	0.07037	1.76E-03	7.88E-06	8.30E-06	3.27E-05	3.28E-05	1.02E-05	1.03E-05	1.8465E-03
606787.8	4201088.22	67613.89533	0.03305	0.03437	0.08358	0.0841	0.06916	0.06935	1.70E-03	8.30E-06	8.74E-06	3.40E-05	3.41E-05	1.01E-05	1.01E-05	1.7855E-03
606807.8	4201088.22	65088.90431	0.0349	0.03634	0.08711	0.08764	0.06817	0.06832	1.64E-03	8.76E-06	9.25E-06	3.55E-05	3.56E-05	9.96E-06	9.96E-06	1.7258E-03
606827.8	4201088.22	62628.94569	0.03694	0.0385	0.09092	0.09148	0.06718	0.06729	1.57E-03	9.28E-06	9.80E-06	3.70E-05	3.71E-05	9.81E-06	9.81E-06	1.6681E-03
606847.8	4201088.22	60251.82393	0.03915	0.04085	0.09502	0.09558	0.0662	0.06626	1.52E-03	9.83E-06	1.04E-05	3.87E-05	3.88E-05	9.67E-06	9.66E-06	1.6128E-03
606867.8	4201088.22	57957.37525	0.04216	0.04359	0.09895	0.09926	0.06521	0.06523	1.46E-03	1.06E-05	1.11E-05	4.03E-05	4.03E-05	9.52E-06	9.51E-06	1.5597E-03
606887.8	4201088.22	55760.10873	0.04513	0.0471	0.10343	0.10403	0.06422	0.06422	1.40E-03	1.13E-05	1.20E-05	4.21E-05	4.22E-05	9.38E-06	9.36E-06	1.5098E-03
606907.8	4201088.22	53655.93158	0.04833	0.05051	0.10863	0.1093	0.06324	0.0632	1.35E-03	1.21E-05	1.29E-05	4.42E-05	4.43E-05	9.24E-06	9.21E-06	1.4628E-03
606927.8	4201088.22	51644.20709	0.05199	0.05446	0.11438	0.11506	0.06226	0.06219	1.30E-03	1.31E-05	1.39E-05	4.66E-05	4.67E-05	9.09E-06	9.06E-06	1.4189E-03
606947.8	4201088.22	49726.25668	0.05592	0.05873	0.12077	0.12149	0.06129	0.06119	1.25E-03	1.40E-05	1.49E-05	4.92E-05	4.93E-05	8.95E-06	8.92E-06	1.3779E-03
606967.8	4201088.22	47899.07453	0.06034	0.06349	0.12785	0.12863	0.06032	0.0602	1.20E-03	1.52E-05	1.62E-05	5.21E-05	5.22E-05	8.81E-06	8.77E-06	1.3401E-03
606987.8	4201088.22	46160.90082	0.06534	0.06891	0.13579	0.13663	0.05935	0.05922	1.16E-03	1.64E-05	1.75E-05	5.53E-05	5.54E-05	8.67E-06	8.63E-06	1.3055E-03
607007.8	4201088.22	44509.80948	0.07109	0.07513	0.14473	0.14565	0.0584	0.05824	1.12E-03	1.79E-05	1.91E-05	5.90E-05	5.91E-05	8.53E-06	8.49E-06	1.2743E-03
607027.8	4201088.22	42942.25508	0.07769	0.08233	0.1549	0.15591	0.05746	0.05728	1.08E-03	1.95E-05	2.09E-05	6.31E-05	6.32E-05	8.39E-06	8.35E-06	1.2467E-03
607047.8	4201088.22	41453.49074	0.08548	0.09076	0.16663	0.16773	0.05652	0.05632	1.04E-03	2.15E-05	2.31E-05	6.79E-05	6.80E-05	8.25E-06	8.21E-06	1.2229E-03
607067.8	4201088.22	40041.99123	0.09459	0.10071	0.18014	0.18136	0.05559	0.05538	1.01E-03	2.38E-05	2.56E-05	7.34E-05	7.36E-05	8.12E-06	8.07E-06	1.2032E-03
607087.8	4201088.22	38700.06851	0.10569	0.11287	0.19606	0.19743	0.05467	0.05444	9.73E-04	2.65E-05	2.87E-05	7.99E-05	8.01E-05	7.98E-06	7.93E-06	1.1884E-03
607107.8	4201088.22	37429.82903	0.11905	0.12758	0.21472	0.21625	0.05376	0.05352	9.41E-04	2.99E-05	3.25E-05	8.75E-05	8.77E-05	7.85E-06	7.80E-06	1.1788E-03
607127.8	4201088.22	36224.08293	0.1357	0.14591	0.23717	0.23891	0.05287	0.05262	9.11E-04	3.41E-05	3.71E-05	9.66E-05	9.69E-05	7.72E-06	7.67E-06	1.1756E-03
607147.8	4201088.22	35082.04401	0.15643	0.1689	0.26433	0.26635	0.05198	0.05172	8.82E-04	3.93E-05	4.30E-05	1.08E-04	1.08E-04	7.59E-06	7.54E-06	1.1802E-03
607167.8	4201088.22	33998.25525	0.18307	0.19873	0.29823	0.30052	0.05111	0.05085	8.55E-04	4.60E-05	5.06E-05	1.21E-04	1.22E-04	7.46E-06	7.41E-06	1.1949E-03
607187.8	4201088.22	32969.42046	0.21821	0.23855	0.34172	0.34424	0.05026	0.04998	8.29E-04	5.48E-05	6.07E-05	1.39E-04	1.40E-04	7.34E-06	7.28E-06	1.2234E-03
607207.8	4201088.22	31991.93074	0.2661	0.2937	0.39951	0.40207	0.04941	0.04913	8.04E-04	6.68E-05	7.47E-05	1.63E-04	1.63E-04	7.22E-06	7.16E-06	1.2719E-03
607227.8	4201088.22	31062.9647	0.33423	0.3738	0.47986	0.48202	0.04858	0.04829	7.81E-04	8.39E-05	9.51E-05	1.95E-04	1.96E-04	7.09E-06	7.04E-06	1.3512E-03
607247.8	4201088.22	30179.21459	0.43751	0.4984	0.59894	0.59935	0.04777	0.04747	7.59E-04	1.10E-04	1.27E-04	2.44E-04	2.43E-04	6.98E-06	6.92E-06	1.4827E-03
607267.8	4201088.22	29338.04675	0.61001	0.7135	0.79269	0.78713	0.04696	0.04666	7.38E-04	1.53E-04	1.82E-04	3.23E-04	3.19E-04	6.86E-06	6.80E-06	1.7147E-03
607287.8	4201088.22	28536.69092	0.94341	1.15085	1.15797	1.12953	0.04617	0.04587	7.18E-04	2.37E-04	2.93E-04	4.72E-04	4.58E-04	6.74E-06	6.69E-06	2.1772E-03
607307.8	4201088.22	27772.87986	1.71503	2.29712	2.03513	1.88382	0.0454	0.04509	6.98E-04	4.31E-04	5.84E-04	8.29E-04	7.64E-04	6.63E-06	6.57E-06	3.3067E-03
606527.8	4201108.22	89259.25848	0.01831	0.01878	0.05442	0.05485	0.08529	0.0863	2.24E-03	4.60E-06	4.78E-06	2.22E-05	2.22E-05	1.25E-05	1.26E-05	2.2984E-03
606547.8	4201108.22	87771.56601	0.01892	0.01942	0.05597	0.05642	0.08441	0.08531	2.21E-03	4.75E-06	4.94E-06	2.28E-05	2.29E-05	1.23E-05	1.24E-05	2.2625E-03
606567.8	4201108.22	86246.87438	0.01959	0.02012	0.05763	0.05811	0.08349	0.0843	2.17E-03	4.92E-06	5.12E-06	2.35E-05	2.36E-05	1.22E-05	1.23E-05	2.2259E-03
606587.8	4201108.22	84681.84065	0.02029	0.02085	0.05938	0.05988	0.08254	0.08325	2.13E-03	5.10E-06	5.30E-06	2.42E-05	2.43E-05	1.21E-05	1.21E-05	2.1884E-03
606607.8	4201108.22	83072.00561	0.02105	0.02164	0.06126	0.06179	0.08154	0.08218	2.09E-03	5.29E-06	5.51E-06	2.50E-05	2.51E-05	1.19E-05	1.20E-05	2.1498E-03
606627.8	4201108.22	81358.98373	0.02185	0.02248	0.06324	0.0638	0.08052	0.08108	2.05E-03	5.49E-06	5.72E-06	2.58E-05	2.59E-05	1.18E-05	1.18E-05	2.1088E-03
606647.8	4201108.22	79558.58174	0.02267	0.02334	0.06533	0.06591	0.07948	0.07997	2.00E-03	5.69E-06	5.94E-06	2.66E-05	2.67E-05	1.16E-05	1.17E-05	2.0656E-03
606667.8	4201108.22	77624.57666	0.02358	0.0243	0.06757	0.06817	0.07842	0.07884	1.95E-03	5.92E-06	6.18E-06	2.75E-05	2.77E-05	1.15E-05	1.15E-05	2.0193E-03

606687.8	4201108.22	75571.80884	0.02456	0.02532	0.06997	0.07059	0.07734	0.0777	1.90E-03	6.17E-06	6.44E-06	2.85E-05	2.86E-05	1.13E-05	1.13E-05	1.9701E-03
606707.8	4201108.22	73419.25333	0.02565	0.02647	0.07255	0.07319	0.07627	0.07657	1.85E-03	6.44E-06	6.73E-06	2.96E-05	2.97E-05	1.11E-05	1.12E-05	1.9187E-03
606727.8	4201108.22	71197.37628	0.0268	0.02767	0.07527	0.07593	0.07517	0.07541	1.79E-03	6.73E-06	7.04E-06	3.07E-05	3.08E-05	1.10E-05	1.10E-05	1.8656E-03
606747.8	4201108.22	68928.4481	0.02807	0.02901	0.0782	0.07887	0.07406	0.07425	1.73E-03	7.05E-06	7.38E-06	3.19E-05	3.20E-05	1.08E-05	1.08E-05	1.8116E-03
606767.8	4201108.22	66633.59498	0.0295	0.03052	0.08137	0.08207	0.07295	0.07309	1.68E-03	7.41E-06	7.77E-06	3.31E-05	3.33E-05	1.07E-05	1.07E-05	1.7572E-03
606787.8	4201108.22	64355.71726	0.03101	0.0321	0.08472	0.08545	0.07183	0.07193	1.62E-03	7.79E-06	8.17E-06	3.45E-05	3.47E-05	1.05E-05	1.05E-05	1.7035E-03
606807.8	4201108.22	62107.14064	0.03267	0.03385	0.08834	0.08911	0.07072	0.07077	1.56E-03	8.20E-06	8.61E-06	3.60E-05	3.61E-05	1.03E-05	1.03E-05	1.6507E-03
606827.8	4201108.22	59904.30813	0.03451	0.03578	0.09227	0.09309	0.0696	0.06962	1.51E-03	8.67E-06	9.10E-06	3.76E-05	3.78E-05	1.02E-05	1.01E-05	1.5995E-03
606847.8	4201108.22	57764.0914	0.03651	0.0379	0.09652	0.09737	0.06849	0.06847	1.45E-03	9.17E-06	9.64E-06	3.93E-05	3.95E-05	1.00E-05	9.98E-06	1.5502E-03
606867.8	4201108.22	55695.36813	0.03874	0.04025	0.10083	0.10156	0.06739	0.06734	1.40E-03	9.73E-06	1.02E-05	4.11E-05	4.12E-05	9.84E-06	9.82E-06	1.5028E-03
606887.8	4201108.22	53700.227	0.04175	0.04326	0.10538	0.10636	0.0663	0.06621	1.35E-03	1.05E-05	1.10E-05	4.29E-05	4.31E-05	9.68E-06	9.65E-06	1.4579E-03
606907.8	4201108.22	51778.46354	0.04477	0.04653	0.11081	0.11188	0.06521	0.06509	1.30E-03	1.12E-05	1.18E-05	4.51E-05	4.54E-05	9.52E-06	9.49E-06	1.4157E-03
606927.8	4201108.22	49934.62454	0.04807	0.05006	0.11682	0.11797	0.06412	0.06398	1.26E-03	1.21E-05	1.27E-05	4.76E-05	4.79E-05	9.36E-06	9.33E-06	1.3759E-03
606947.8	4201108.22	48169.8006	0.05156	0.05382	0.12348	0.12474	0.06305	0.06289	1.21E-03	1.29E-05	1.37E-05	5.03E-05	5.06E-05	9.21E-06	9.17E-06	1.3389E-03
606967.8	4201108.22	46481.58207	0.05544	0.05796	0.13086	0.13225	0.06199	0.06181	1.17E-03	1.39E-05	1.47E-05	5.33E-05	5.36E-05	9.05E-06	9.01E-06	1.3045E-03
606987.8	4201108.22	44868.84012	0.05982	0.06261	0.13909	0.14067	0.06095	0.06074	1.13E-03	1.50E-05	1.59E-05	5.67E-05	5.71E-05	8.90E-06	8.85E-06	1.2730E-03
607007.8	4201108.22	43328.02436	0.06482	0.06798	0.14843	0.15018	0.05991	0.05968	1.09E-03	1.63E-05	1.73E-05	6.05E-05	6.09E-05	8.75E-06	8.70E-06	1.2445E-03
607027.8	4201108.22	41858.72137	0.07057	0.07417	0.15901	0.16102	0.05888	0.05864	1.05E-03	1.77E-05	1.89E-05	6.48E-05	6.53E-05	8.60E-06	8.55E-06	1.2193E-03
607047.8	4201108.22	40457.47033	0.07729	0.08132	0.17126	0.17358	0.05787	0.05761	1.02E-03	1.94E-05	2.07E-05	6.98E-05	7.04E-05	8.45E-06	8.40E-06	1.1976E-03
607067.8	4201108.22	39121.98738	0.08518	0.08978	0.18551	0.18822	0.05687	0.0566	9.84E-04	2.14E-05	2.28E-05	7.56E-05	7.64E-05	8.30E-06	8.25E-06	1.1799E-03
607087.8	4201108.22	37851.70956	0.09451	0.09981	0.2021	0.20533	0.05588	0.0556	9.52E-04	2.37E-05	2.54E-05	8.23E-05	8.33E-05	8.16E-06	8.10E-06	1.1666E-03
607107.8	4201108.22	36642.3143	0.10581	0.11197	0.22176	0.22567	0.05491	0.05461	9.21E-04	2.66E-05	2.85E-05	9.03E-05	9.15E-05	8.02E-06	7.96E-06	1.1584E-03
607127.8	4201108.22	35492.46804	0.11959	0.1268	0.2453	0.25016	0.05395	0.05365	8.93E-04	3.00E-05	3.23E-05	9.99E-05	1.01E-04	7.88E-06	7.82E-06	1.1562E-03
607147.8	4201108.22	34397.96316	0.13673	0.14534	0.27407	0.28027	0.05301	0.05269	8.65E-04	3.43E-05	3.70E-05	1.12E-04	1.14E-04	7.74E-06	7.68E-06	1.1616E-03
607167.8	4201108.22	33358.09381	0.15807	0.16866	0.30976	0.31786	0.05208	0.05176	8.39E-04	3.97E-05	4.29E-05	1.26E-04	1.29E-04	7.61E-06	7.54E-06	1.1766E-03
607187.8	4201108.22	32368.81476	0.18544	0.1989	0.35552	0.3664	0.05117	0.05085	8.14E-04	4.66E-05	5.06E-05	1.45E-04	1.49E-04	7.47E-06	7.41E-06	1.2046E-03
607207.8	4201108.22	31426.93462	0.2214	0.23923	0.41617	0.43133	0.05028	0.04995	7.90E-04	5.56E-05	6.09E-05	1.70E-04	1.75E-04	7.34E-06	7.28E-06	1.2512E-03
607227.8	4201108.22	30530.00493	0.27029	0.29506	0.50008	0.52233	0.0494	0.04907	7.68E-04	6.79E-05	7.51E-05	2.04E-04	2.12E-04	7.21E-06	7.15E-06	1.3263E-03
607247.8	4201108.22	29675.44639	0.34025	0.37668	0.62316	0.65811	0.04854	0.0482	7.46E-04	8.55E-05	9.58E-05	2.54E-04	2.67E-04	7.09E-06	7.03E-06	1.4483E-03
607267.8	4201108.22	28860.92475	0.44835	0.50629	0.81929	0.88012	0.04769	0.04735	7.26E-04	1.13E-04	1.29E-04	3.34E-04	3.57E-04	6.96E-06	6.90E-06	1.6579E-03
607287.8	4201108.22	28084.09119	0.63381	0.73976	1.17287	1.29618	0.04686	0.04652	7.06E-04	1.59E-04	1.88E-04	4.78E-04	5.26E-04	6.84E-06	6.78E-06	2.0571E-03
607307.8	4201108.22	27342.53209	0.97654	1.23148	1.93063	2.23698	0.04605	0.0457	6.88E-04	2.45E-04	3.13E-04	7.86E-04	9.07E-04	6.72E-06	6.66E-06	2.9399E-03
606527.8	4201128.22	83759.88554	0.01744	0.01784	0.05469	0.05518	0.09041	0.09129	2.11E-03	4.38E-06	4.54E-06	2.23E-05	2.24E-05	1.32E-05	1.33E-05	2.1599E-03
606547.8	4201128.22	82374.63131	0.01803	0.01846	0.05629	0.05681	0.08929	0.09005	2.07E-03	4.53E-06	4.70E-06	2.29E-05	2.30E-05	1.30E-05	1.31E-05	2.1267E-03
606567.8	4201128.22	80968.40422	0.01865	0.01911	0.05798	0.05852	0.08812	0.08881	2.04E-03	4.68E-06	4.86E-06	2.36E-05	2.37E-05	1.29E-05	1.29E-05	2.0930E-03
606587.8	4201128.22	79531.23862	0.01929	0.01977	0.05974	0.06032	0.08695	0.08754	2.00E-03	4.84E-06	5.03E-06	2.43E-05	2.45E-05	1.27E-05	1.28E-05	2.0586E-03
606607.8	4201128.22	78058.22131	0.02	0.0205	0.06165	0.06225	0.08574	0.08626	1.96E-03	5.02E-06	5.22E-06	2.51E-05	2.53E-05	1.25E-05	1.26E-05	2.0235E-03
606627.8	4201128.22	76501.62533	0.02075	0.02128	0.06367	0.06431	0.08453	0.08495	1.92E-03	5.21E-06	5.41E-06	2.59E-05	2.61E-05	1.23E-05	1.24E-05	1.9864E-03
606647.8	4201128.22	74881.88746	0.02151	0.02208	0.06579	0.06646	0.08329	0.08365	1.88E-03	5.40E-06	5.62E-06	2.68E-05	2.70E-05	1.22E-05	1.22E-05	1.9478E-03
606667.8	4201128.22	73152.85189	0.02237	0.02297	0.06809	0.0688	0.08204	0.08234	1.84E-03	5.62E-06	5.84E-06	2.77E-05	2.79E-05	1.20E-05	1.20E-05	1.9067E-03
606687.8	4201128.22	71325.83296	0.02331	0.02396	0.07058	0.07132	0.08078	0.08102	1.79E-03	5.85E-06	6.10E-06	2.87E-05	2.89E-05	1.18E-05	1.18E-05	1.8632E-03
606707.8	4201128.22	69415.3701	0.02433	0.02501	0.07323	0.07399	0.07953	0.07972	1.75E-03	6.11E-06	6.36E-06	2.98E-05	3.00E-05	1.16E-05	1.16E-05	1.8179E-03
606727.8	4201128.22	67445.6692	0.0254	0.02613	0.07602	0.07681	0.07827	0.0784	1.70E-03	6.38E-06	6.65E-06	3.10E-05	3.12E-05	1.14E-05	1.14E-05	1.7712E-03
606747.8	4201128.22	65432.40442	0.02659	0.02737	0.07903	0.07985	0.077	0.07708	1.65E-03	6.68E-06	6.96E-06	3.22E-05	3.24E-05	1.12E-05	1.12E-05	1.7236E-03
606767.8	4201128.22	63391.98978	0.0279	0.02874	0.08227	0.08312	0.07574	0.07577	1.59E-03	7.01E-06	7.31E-06	3.35E-05	3.37E-05	1.11E-05	1.10E-05	1.6756E-03
606787.8	4201128.22	61359.74864	0.02927	0.03017	0.08569	0.08659	0.07448	0.07447	1.54E-03	7.35E-06	7.68E-06	3.49E-05	3.51E-05	1.09E-05	1.09E-05	1.6281E-03
606807.8	4201128.22	59347.87401	0.03076	0.03173	0.08937	0.09032	0.07323	0.07319	1.49E-03	7.73E-06	8.07E-06	3.64E-05	3.66E-05	1.07E-05	1.07E-05	1.5812E-03
606827.8	4201128.22	57367.46189	0.03242	0.03346	0.09337	0.0944	0.07199	0.07191	1.44E-03	8.14E-06	8.51E-06	3.80E-05	3.83E-05	1.05E-05	1.05E-05	1.5356E-03
606847.8	4201128.22	55429.34371	0.03429	0.03541	0.09777	0.09889	0.07075	0.07064	1.39E-03	8.61E-06	9.01E-06	3.98E-05	4.01E-05	1.03E-05	1.03E-05	1.4914E-03
606867.8	4201128.22	53552.38629	0.03627	0.03754	0.10227	0.10317	0.06953	0.06939	1.35E-03	9.11E-06	9.55E-06	4.17E-05	4.19E-05	1.02E-05	1.01E-05	1.4488E-03
606887.8	4201128.22	51733.301	0.03913	0.04034	0.10709	0.10837	0.06832	0.06815	1.30E-03	9.83E-06	1.03E-05	4.36E-05	4.40E-05	9.98E-06	9.93E-06	1.4086E-03
606907.8	4201128.22	49980.69694	0.04175	0.04314	0.11266	0.11407	0.06713	0.06693	1.26E-03	1.05E-05	1.10E-05	4.59E-05	4.63E-05	9.80E-06	9.76E-06	1.3705E-03
606927.8	4201128.22	48289.37942	0.04471	0.04627	0.11886	0.12043	0.06595	0.06572	1.21E-03	1.12E-05	1.18E-05	4.84E-05	4.89E-05	9.63E-06	9.58E-06	1.3346E-03
606947.8	4201128.22	46662.95059	0.04794	0.04975	0.12573	0.12743	0.06478	0.06453	1.17E-03	1.20E-05	1.27E-05	5.12E-05	5.17E-05	9.46E-06	9.41E-06	1.3010E-03
606967.8	4201128.22	45101.00746	0.05147	0.05343	0.1334	0.1353	0.06362	0.06336	1.13E-03	1.29E-05	1.36E-05	5.43E-05	5.49E-05	9.29E-06	9.24E-06	1.2699E-03
606987.8	4201128.22	43602.23995	0.05542	0.05757	0.14198	0.14415	0.06249	0.0622	1.10E-03	1.39E-05	1.46E-05	5.78E-05	5.85E-05	9.13E-06	9.07E-06	1.2413E-03
607007.8	4201128.22	42166.39193	0.05987	0.06229	0.15164	0.15408	0.06136	0.06106	1.06E-03	1.50E-05	1.58E-05	6.18E-05	6.25E-05	8.96E-06	8.90E-06	1.2155E-03
607027.8	4201128.22	40791.92875	0.06497	0.06767	0.16258	0.16536	0.06026	0.05995	1.03E-03	1.63E-05	1.72E-05	6.62E-05	6.71E-05	8.80E-06	8.74E-06	1.1926E-03
607047.8	4201128.22	39475.30087	0.07093	0.0739	0.17527	0.17851	0.05917	0.05884	9.93E-04	1.78E-05	1.88E-05	7.14E-05	7.24E-05	8.64E-06	8.58E-06	1.1731E-03
607067.8	4201128.22	38216.72821	0.07787	0.08118	0.18999	0.19382	0.05809	0.05776	9.61E-04	1.96E-05	2.07E-05	7.74E-05	7.86E-05	8.48E-06	8.42E-06	1.1572E-03
607087.8	4201128.22	37013.12917	0.08614	0.08986	0.20731	0.21191	0.05704	0.05669	9.31E-04	2.16E-05	2.29E-05	8.44E-05	8.60E-05	8.33E-06	8.26E-06	1.1457E-03
607107.8	4201128.22	35866.64147	0.09588	0.10011	0.22764	0.23324	0.056	0.05565	9.02E-04	2.41E-05	2.55E-05	9.27E-05	9.46E-05	8.18E-06	8.11E-06	1.1388E-03
607127.8	4201128.22	34771.08371	0.10777	0.11259	0.25215	0.25917	0.05498	0.05462	8.74E-04	2.71E-05	2.86E-05	1.03E-04	1.05E-04	8.03E-06	7.96E-06	1.1379E-03
607147.8	4201128.22	33725.72562	0.12229	0.12793	0.28205	0.29109	0.05398	0.05362	8.48E-04	3.07E-05	3.25E-05	1.15E-04	1.18E-04	7.88E-06	7.82E-06	1.1443E-03
607167.8	4201128.22	32729.81876	0.14003	0.14686	0.31917	0.33111	0.053	0.05263	8.23E-04	3.52E-05	3.74E-05	1.30E-04	1.34E-04	7.74E-06	7.67E-06	1.1599E-03
607187.8	4201128.22	31779.70515	0.16221	0.17079	0.36673	0.383	0.05204	0.05167	7.99E-04	4.07E-05	4.35E-05	1.49E-04	1.55E-04	7.60E-06	7.53E-06	1.1881E-03
607207.8	4201128.22	30873.09771	0.19045	0.20172	0.42971	0.45279	0.0511	0.05072	7.76E-04	4.78E-05	5.13E-05	1.75E-04	1.84E-04	7.46E-06	7.39E-06	1.2342E-03
607227.8	4201128.22	30008.10449	0.22744	0.24295	0.51667	0.55117	0.05017	0.04979	7.55E-04	5.71E-05	6.18E-05	2.10E-04	2.24E-04	7.33E-06	7.26E-06	1.3076E-03
607247.8	4201128.22	29182.60335	0.278	0.30054	0.64378	0.69901	0.04926	0.04888	7.34E-04	6.98E-05	7.65E-05	2.62E-04	2.84E-04	7.19E-06	7.12E-06	1.4259E-03
607267.8	4201128.22	28394.43073	0.35113	0.38671	0.84488	0.94262	0.04838	0.048	7.14E-04	8.82E-05	9.84E-05	3.44E-04	3.82E-04	7.07E-06	7.00E-06	1.6271E-03
607287.8	4201128.22	27641.45372	0.46313	0.52774	1.20172	1.40259	0.04751	0.04713	6.95E-04	1.16E-04	1.34E-04	4.89E-04	5.69E-04	6.94E-06	6.87E-06	2.0041E-03
607307.8	4201128.22	26921.59283	0.63308	0.7709	1.93945	2.44029	0.04665	0.04627	6.77E-04	1.59E-04	1.96E-04	7.90E-04	9.90E-04	6.81E-06	6.74E-06	2.8120E-03
606527.8	4201148.22	78848.91934	0.01669	0.01704	0.05494	0.05548	0.09561	0.09635	1.98E-03	4.19E-06	4.34E-06	2.24E-05	2.25E-05	1.40E-05	1.40E-05	2.0362E-03
606547.8	4201148.22	77559.49903	0.01724	0.01761	0.05655	0.05712	0.09423	0.09487	1.95E-03	4.33E-06	4.48E-06	2.30E-05	2.32E-05	1.38E-05	1.38E-05	2.0054E-03
606567.8	4201148.22	76269.61526	0.01782	0.01821	0.05825	0.05885	0.09283	0.09336	1.92E-03	4.48E-06	4.63E-06	2.37E-05	2.39E-05	1.36E-05	1.36E-05	1.9746E-03
606587.8	4201148.22	74937.28892	0.01844	0.01885	0.06005	0.06069	0.09141	0.09185	1.88E-03	4.63E-06	4.80E-06	2.45E-05	2.46E-05	1.33E-05	1.34E-05	1.9429E-03
606607.8	4201148.22	73583.26952	0.01909	0.01953	0.06198	0.06265	0.08998	0.09035	1.85E-03	4.79E-06	4.97E-06	2.52E-05	2.54E-05	1.31E-05	1.32E-05	1.9108E-03
606627.8	4201148.22	72172.80716	0.01976	0.02022	0.06398	0.06469	0.08855	0.08884	1.81E-03	4.96E-06	5.14E-06	2.61E-05	2.62E-05	1.29E-05	1.29E-05	1.8773E-03
606647.8	4201148.22	70694.72975	0.02053	0.02101	0.06619	0.06694	0.08711	0.08733	1.78E-03	5.16E-06	5.35E-06	2.70E-05	2.72E-05	1.27E-05	1.27E-05	1.8424E-03
606667.8	4201148.22	69138.70221	0.02134	0.02185	0.06854	0.06934	0.08566	0.08583	1.74E-03	5.36E-06	5.56E-06	2.79E-05	2.81E-05	1.25E-05	1.25E-05	1.8056E-03
606687.8	4201148.22	67504.98804	0.02222	0.02277	0.07108	0.07191	0.08421	0.08432	1.70E-03	5.58E-06	5.79E-06	2.90E-05	2.92E-05	1.23E-05	1.23E-05	1.7670E-03
606707.8	4201148.22	65800.46553	0.02317	0.02375	0.07378	0.07465	0.08278	0.08284	1.65E-03	5.82E-06	6.04E-06	3.01E-05	3.03E-05	1.21E-05	1.21E-05	1.7269E-03
606727.8	4201148.22	64039.72828	0.02422	0.02483	0.07668	0.07758	0.08134	0.08135	1.61E-03	6.08E-06	6.32E-06	3.12E-05	3.15E-05	1.19E-05	1.19E-05	1.6855E-03
606747.8	4201148.22	62242.73061	0.02531	0.02597	0.07973	0.08068	0.07991	0.07987	1.57E-03	6.36E-06	6.61E-06	3.25E-05	3.27E-05	1.17E-05	1.16E-05	1.6434E-03
606767.8	4201148.22	60429.1919	0.02646	0.02716	0.08296	0.08395	0.0785	0.07842	1.52E-03	6.65E-06	6.91E-06	3.38E-05	3.41E-05	1.15E-05	1.14E-05	1.6010E-03
606787.8	4201148.22	58601.37682	0.02776	0.02851	0.08647	0.08752	0.07709	0.07698	1.47E-03	6.97E-06	7.25E-06	3.52E-05	3.55E-05	1.13E-05	1.12E-05	1.5586E-03
606807.8	4201148.22	56787.75662	0.02915	0.02995	0.09023	0.09134	0.07571	0.07555	1.43E-03	7.32E-06	7.62E-06	3.68E-05	3.71E-05	1.11E-05	1.10E-05	1.5168E-03
606827.8	4201148.22	54996.68626	0.03069	0.03154	0.09432	0.09552	0.07433	0.07414	1.38E-03	7.71E-06	8.02E-06	3.84E-05	3.87E-05	1.09E-05	1.08E-05	1.4759E-03
606847.8	4201148.22	53241.62303	0.03238	0.03329	0.09877	0.10008	0.07297	0.07275	1.34E-03	8.13E-06	8.47E-06	4.02E-05	4.06E-05	1.07E-05	1.06E-05	1.4363E-03
606867.8	4201148.22	51527.99919	0.03427	0.03529	0.10338	0.10452	0.07162	0.07138	1.30E-03	8.61E-06	8.98E-06	4.21E-05	4.24E-05	1.05E-05	1.04E-05	1.3979E-03
606887.8	4201148.22	49868.7276	0.03678	0.03744	0.10856	0.11005	0.0703	0.07003	1.25E-03	9.24E-06	9.53E-06	4.42E-05	4.46E-05	1.03E-05	1.02E-05	1.3617E-03
606907.8	4201148.22	48259.43017	0.03935	0.04043	0.11423	0.11592	0.069	0.06871	1.21E-03	9.88E-06	1.03E-05	4.65E-05	4.70E-05	1.01E-05	1.00E-05	1.3273E-03
606927.8	4201148.22	46704.38218	0.04206	0.04329	0.1206	0.12248	0.06771	0.0674	1.17E-03	1.06E-05	1.10E-05	4.91E-05	4.97E-05	9.89E-06	9.82E-06	1.2948E-03
606947.8	4201148.22	45203.45796	0.04503	0.04645	0.12768	0.12974	0.06644	0.06611	1.14E-03	1.13E-05	1.18E-05	5.20E-05	5.26E-05	9.70E-06	9.64E-06	1.2645E-03
606967.8	4201148.22	43756.58013	0.04829	0.0498	0.13563	0.13794	0.06519	0.06485	1.10E-03	1.21E-05	1.27E-05	5.52E-05	5.60E-05	9.52E-06	9.45E-06	1.2363E-03
606987.8	4201148.22	42364.20895	0.05189	0.05357	0.14453	0.14713	0.06396	0.06361	1.07E-03	1.30E-05	1.36E-05	5.89E-05	5.97E-05	9.34E-06	9.27E-06	1.2105E-03
607007.8	4201148.22	41026.78595	0.05596	0.05778	0.15449	0.15744	0.06276	0.06239	1.03E-03	1.41E-05	1.47E-05	6.29E-05	6.39E-05	9.17E-06	9.09E-06	1.1872E-03
607027.8	4201148.22	39742.85348	0.06056	0.06256	0.16573	0.16912	0.06157	0.06119	9.99E-04	1.52E-05	1.59E-05	6.75E-05	6.86E-05	8.99E-06	8.92E-06	1.1666E-03
607047.8	4201148.22	38508.41473	0.06595	0.06809	0.17877	0.1827	0.06041	0.06002	9.68E-04	1.66E-05	1.73E-05	7.28E-05	7.41E-05	8.82E-06	8.75E-06	1.1492E-03
607067.8	4201148.22	37324.56701	0.07219	0.07452	0.19388	0.19851	0.05927	0.05887	9.39E-04	1.81E-05	1.90E-05	7.90E-05	8.05E-05	8.66E-06	8.58E-06	1.1352E-03
607087.8	4201148.22	36188.12382	0.07961	0.08217	0.2117	0.21725	0.05814	0.05774	9.10E-04	2.00E-05	2.09E-05	8.62E-05	8.81E-05	8.49E-06	8.42E-06	1.1253E-03
607107.8	4201148.22	35100.63137	0.08838	0.09123	0.23278	0.23952	0.05704	0.05663	8.83E-04	2.22E-05	2.32E-05	9.48E-05	9.72E-05	8.33E-06	8.25E-06	1.1200E-03
607127.8	4201148.22	34058.79077	0.0989	0.10211	0.25819	0.2666	0.05596	0.05555	8.56E-04	2.48E-05	2.60E-05	1.05E-04	1.08E-04	8.17E-06	8.10E-06	1.1206E-03
607147.8	4201148.22	33063.4357	0.1114	0.11515	0.28897	0.29975	0.05491	0.05449	8.31E-04	2.80E-05	2.93E-05	1.18E-04	1.22E-04	8.02E-06	7.94E-06	1.1280E-03
607167.8	4201148.22	32111.12649	0.12648	0.13107	0.32739	0.34158	0.05387	0.05345	8.07E-04	3.18E-05	3.33E-05	1.33E-04	1.39E-04	7.87E-06	7.79E-06	1.1445E-03
607187.8	4201148.22	31200.21907	0.14487	0.15074	0.37665	0.39596	0.05286	0.05244	7.85E-04	3.64E-05	3.84E-05	1.53E-04	1.61E-04	7.72E-06	7.64E-06	1.1734E-03
607207.8	4201148.22	30329.05505	0.16759	0.17548	0.44192	0.46932	0.05187	0.05145	7.63E-04	4.21E-05	4.46E-05	1.80E-04	1.90E-04	7.57E-06	7.50E-06	1.2198E-03
607227.8	4201148.22	29495.90812	0.19633	0.20743	0.53207	0.57313	0.0509	0.05047	7.42E-04	4.93E-05	5.28E-05	2.17E-04	2.32E-04	7.43E-06	7.36E-06	1.2930E-03
607247.8	4201148.22	28699.23394	0.23389	0.25038	0.66377	0.72984	0.04995	0.04953	7.22E-04	5.87E-05	6.37E-05	2.70E-04	2.96E-04	7.29E-06	7.22E-06	1.4106E-03
607267.8	4201148.22	27937.03265	0.28468	0.31105	0.87134	0.98918	0.04902	0.0486	7.03E-04	7.15E-05	7.91E-05	3.55E-04	4.01E-04	7.16E-06	7.08E-06	1.6093E-03
607287.8	4201148.22	27207.83009	0.3548	0.40019	1.23508	1.47896	0.04811	0.04769	6.84E-04	8.91E-05	1.02E-04	5.03E-04	6.00E-04	7.03E-06	6.95E-06	1.9781E-03
607307.8	4201148.22	26507.94422	0.45058	0.53166	1.97295	2.57589	0.04722	0.0468	6.67E-04	1.13E-04	1.35E-04	8.04E-04	1.04E-03	6.90E-06	6.82E-06	2.7635E-03
606527.8	4201168.22	74450.43151	0.01602	0.01632	0.05513	0.05572	0.1009	0.10145	1.87E-03	4.02E-06	4.15E-06	2.25E-05	2.26E-05	1.47E-05	1.48E-05	1.9254E-03
606547.8	4201168.22	73257.10793	0.01653	0.01686	0.05675	0.05737	0.09923	0.0997	1.84E-03	4.15E-06	4.29E-06	2.31E-05	2.33E-05	1.45E-05	1.45E-05	1.8970E-03
606567.8	4201168.22	72058.55315	0.01708	0.01742	0.05845	0.0591	0.09757	0.09795	1.81E-03	4.29E-06	4.43E-06	2.38E-05	2.40E-05	1.42E-05	1.43E-05	1.8685E-03
606587.8	4201168.22	70824.64568	0.01766	0.01802	0.06028	0.06096	0.0959	0.09619	1.78E-03	4.44E-06	4.58E-06	2.46E-05	2.47E-05	1.40E-05	1.40E-05	1.8393E-03
606607.8	4201168.22	69575.7711	0.01828	0.01865	0.06221	0.06294	0.09423	0.09444	1.75E-03	4.59E-06	4.75E-06	2.53E-05	2.55E-05	1.38E-05	1.38E-05	1.8098E-03
606627.8	4201168.22	68279.1385	0.01892	0.01932	0.06425	0.06502	0.09256	0.09271	1.72E-03	4.75E-06	4.92E-06	2.62E-05	2.64E-05	1.35E-05	1.35E-05	1.7792E-03
606647.8	4201168.22	66931.75318	0.01965	0.02006	0.06649	0.06731	0.0909	0.09099	1.68E-03	4.93E-06	5.10E-06	2.71E-05	2.73E-05	1.33E-05	1.33E-05	1.7475E-03
606667.8	4201168.22	65521.26691	0.02043	0.02087	0.06889	0.06976	0.08925	0.08928	1.65E-03	5.13E-06	5.31E-06	2.81E-05	2.83E-05	1.30E-05	1.30E-05	1.7144E-03
606687.8	4201168.22	64053.32769	0.02125	0.02171	0.07144	0.07236	0.08761	0.08759	1.61E-03	5.34E-06	5.52E-06	2.91E-05	2.94E-05	1.28E-05	1.28E-05	1.6800E-03
606707.8	4201168.22	62516.37646	0.02217	0.02266	0.07423	0.07519	0.08599	0.08592	1.57E-03	5.57E-06	5.77E-06	3.02E-05	3.05E-05	1.26E-05	1.25E-05	1.6442E-03
606727.8	4201168.22	60933.55971	0.02318	0.0237	0.07721	0.07822	0.08437	0.08425	1.53E-03	5.82E-06	6.03E-06	3.14E-05	3.17E-05	1.23E-05	1.23E-05	1.6073E-03
606747.8	4201168.22	59320.84526	0.02421	0.02476	0.08032	0.08137	0.08277	0.08261	1.49E-03	6.08E-06	6.30E-06	3.27E-05	3.30E-05	1.21E-05	1.20E-05	1.5698E-03
606767.8	4201168.22	57687.67802	0.02532	0.0259	0.08363	0.08473	0.0812	0.081	1.45E-03	6.36E-06	6.59E-06	3.41E-05	3.44E-05	1.19E-05	1.18E-05	1.5320E-03
606787.8	4201168.22	56044.53034	0.02651	0.02713	0.08717	0.08833	0.07965	0.07942	1.41E-03	6.66E-06	6.90E-06	3.55E-05	3.58E-05	1.16E-05	1.16E-05	1.4942E-03
606807.8	4201168.22	54403.74655	0.02782	0.02847	0.091	0.09223	0.07812	0.07785	1.37E-03	6.99E-06	7.24E-06	3.71E-05	3.74E-05	1.14E-05	1.13E-05	1.4568E-03
606827.8	4201168.22	52781.9888	0.02923	0.02992	0.09511	0.09645	0.07661	0.07632	1.33E-03	7.34E-06	7.61E-06	3.87E-05	3.91E-05	1.12E-05	1.11E-05	1.4201E-03
606847.8	4201168.22	51184.22056	0.03081	0.03154	0.09963	0.10108	0.07512	0.0748	1.29E-03	7.74E-06	8.02E-06	4.06E-05	4.10E-05	1.10E-05	1.09E-05	1.3845E-03
606867.8	4201168.22	49618.09171	0.03258	0.0334	0.10434	0.10568	0.07366	0.07331	1.25E-03	8.18E-06	8.50E-06	4.25E-05	4.29E-05	1.08E-05	1.07E-05	1.3498E-03
606887.8	4201168.22	48094.9025	0.03503	0.03577	0.10971	0.11143	0.07222	0.07185	1.21E-03	8.80E-06	9.10E-06	4.47E-05	4.52E-05	1.05E-05	1.05E-05	1.3172E-03
606907.8	4201168.22	46614.84523	0.03742	0.03828	0.11556	0.11747	0.0708	0.07042	1.17E-03	9.40E-06	9.74E-06	4.71E-05	4.77E-05	1.03E-05	1.03E-05	1.2861E-03
606927.8	4201168.22	45179.60482	0.04001	0.04099	0.12208	0.12418	0.0694	0.06901	1.14E-03	1.00E-05	1.04E-05	4.97E-05	5.04E-05	1.01E-05	1.01E-05	1.2567E-03
606947.8	4201168.22	43794.19851	0.04267	0.04377	0.12936	0.13171	0.06804	0.06763	1.10E-03	1.07E-05	1.11E-05	5.27E-05	5.34E-05	9.94E-06	9.86E-06	1.2293E-03
606967.8	4201168.22	42454.73996	0.04564	0.04682	0.13751	0.14015	0.0667	0.06628	1.07E-03	1.15E-05	1.19E-05	5.60E-05	5.69E-05	9.74E-06	9.66E-06	1.2038E-03
606987.8	4201168.22	41162.09826	0.04897	0.05023	0.14663	0.1496	0.06538	0.06495	1.04E-03	1.23E-05	1.28E-05	5.97E-05	6.07E-05	9.55E-06	9.47E-06	1.1806E-03
607007.8	4201168.22	39915.84061	0.05271	0.05408	0.15685	0.16021	0.0641	0.06365	1.00E-03	1.32E-05	1.38E-05	6.39E-05	6.50E-05	9.36E-06	9.28E-06	1.1596E-03
607027.8	4201168.22	38715.43431	0.05699	0.05845	0.16844	0.17227	0.06283	0.06238	9.74E-04	1.43E-05	1.49E-05	6.86E-05	6.99E-05	9.18E-06	9.09E-06	1.1412E-03
607047.8	4201168.22	37556.23793	0.06202	0.06356	0.18191	0.18637	0.06159	0.06113	9.44E-04	1.56E-05	1.62E-05	7.41E-05	7.56E-05	8.99E-06	8.91E-06	1.1259E-03
607067.8	4201168.22	36443.59974	0.06776	0.0694	0.19742	0.20264	0.06038	0.05992	9.16E-04	1.70E-05	1.77E-05	8.04E-05	8.22E-05	8.82E-06	8.73E-06	1.1137E-03
607087.8	4201168.22	35373.98942	0.07447	0.07623	0.21557	0.22179	0.05919	0.05873	8.90E-04	1.87E-05	1.94E-05	8.78E-05	9.00E-05	8.64E-06	8.56E-06	1.1054E-03
607107.8	4201168.22	34343.70125	0.0825	0.08444	0.23737	0.24491	0.05802	0.05756	8.64E-04	2.07E-05	2.15E-05	9.67E-05	9.93E-05	8.47E-06	8.39E-06	1.1019E-03
607127.8	4201168.22	33356.85534	0.09178	0.09399	0.26334	0.27266	0.05689	0.05642	8.39E-04	2.30E-05	2.39E-05	1.07E-04	1.11E-04	8.31E-06	8.22E-06	1.1036E-03
607147.8	4201168.22	32409.50516	0.10274	0.10538	0.29506	0.30691	0.05578	0.05531	8.15E-04	2.58E-05	2.68E-05	1.20E-04	1.24E-04	8.15E-06	8.06E-06	1.1123E-03
607167.8	4201168.22	31500.5572	0.11568	0.11903	0.33468	0.35016	0.05469	0.05422	7.92E-04	2.91E-05	3.03E-05	1.36E-04	1.42E-04	7.99E-06	7.90E-06	1.1298E-03
607187.8	4201168.22	30628.30469	0.13111	0.13558	0.38565	0.4066	0.05363	0.05316	7.70E-04	3.29E-05	3.45E-05	1.57E-04	1.65E-04	7.83E-06	7.75E-06	1.1596E-03
607207.8	4201168.22	29792.93179	0.14946	0.15569	0.45299	0.48255	0.05259	0.05212	7.49E-04	3.75E-05	3.96E-05	1.85E-04	1.96E-04	7.68E-06	7.60E-06	1.2066E-03
607227.8	4201168.22	28991.71699	0.17198	0.181	0.54633	0.5905	0.05157	0.05111	7.29E-04	4.32E-05	4.61E-05	2.23E-04	2.40E-04	7.53E-06	7.45E-06	1.2804E-03
607247.8	4201168.22	28223.87417	0.20006	0.21369	0.68282	0.75391	0.05058	0.05012	7.10E-04	5.02E-05	5.44E-05	2.78E-04	3.06E-04	7.39E-06	7.31E-06	1.3983E-03
607267.8	4201168.22	27487.81676	0.23573	0.25693	0.89764	1.02478	0.04961	0.04916	6.91E-04	5.92E-05	6.54E-05	3.66E-04	4.16E-04	7.24E-06	7.17E-06	1.5971E-03
607287.8	4201168.22	26781.9351	0.28237	0.3151	1.27431	1.53728	0.04867	0.04821	6.73E-04	7.09E-05	8.02E-05	5.19E-04	6.24E-04	7.11E-06	7.03E-06	1.9672E-03
607307.8	4201168.22	26104.15436	0.3424	0.39319	2.03248	2.67489	0.04774	0.04729	6.56E-04	8.60E-05	1.00E-04	8.28E-04	1.09E-03	6.97E-06	6.89E-06	2.7554E-03
606527.8	4201188.22	70486.67085	0.01542	0.01569	0.0553	0.05592	0.10621	0.10658	1.77E-03	3.87E-06	3.99E-06	2.25E-05	2.27E-05	1.55E-05	1.55E-05	1.8256E-03
606547.8	4201188.22	69379.76204	0.0159	0.01618	0.0569	0.05755	0.10425	0.10453	1.74E-03	3.99E-06	4.12E-06	2.32E-05	2.33E-05	1.52E-05	1.52E-05	1.7993E-03
606567.8	4201188.22	68262.26623	0.01642	0.01672	0.05862	0.05931	0.10231	0.10251	1.72E-03	4.12E-06	4.25E-06	2.39E-05	2.41E-05	1.49E-05	1.49E-05	1.7729E-03
606587.8	4201188.22	67116.5484	0.01697	0.01729	0.06045	0.06118	0.10038	0.1005	1.69E-03	4.26E-06	4.40E-06	2.46E-05	2.48E-05	1.47E-05	1.46E-05	1.7459E-03
606607.8	4201188.22	65961.72555	0.01755	0.01788	0.06238	0.06315	0.09845	0.09851	1.66E-03	4.41E-06	4.55E-06	2.54E-05	2.56E-05	1.44E-05	1.44E-05	1.7187E-03
606627.8	4201188.22	64763.83955	0.01817	0.01852	0.06445	0.06527	0.09656	0.09654	1.63E-03	4.56E-06	4.71E-06	2.63E-05	2.65E-05	1.41E-05	1.41E-05	1.6906E-03
606647.8	4201188.22	63529.95045	0.01886	0.01922	0.06671	0.06758	0.09468	0.0946	1.60E-03	4.74E-06	4.89E-06	2.72E-05	2.74E-05	1.38E-05	1.38E-05	1.6618E-03
606667.8	4201188.22	62246.32126	0.0196	0.01998	0.06913	0.07006	0.09282	0.09268	1.57E-03	4.92E-06	5.08E-06	2.82E-05	2.84E-05	1.36E-05	1.35E-05	1.6319E-03
606687.8	4201188.22	60908.58077	0.02042	0.02082	0.07177	0.07275	0.09096	0.09079	1.53E-03	5.13E-06	5.30E-06	2.92E-05	2.95E-05	1.33E-05	1.32E-05	1.6008E-03
606707.8	4201188.22	59521.86948	0.0213	0.02171	0.07458	0.07562	0.08915	0.08894	1.50E-03	5.35E-06	5.52E-06	3.04E-05	3.07E-05	1.30E-05	1.30E-05	1.5687E-03
606727.8	4201188.22	58095.85402	0.02224	0.02268	0.07759	0.07868	0.08735	0.08709	1.46E-03	5.59E-06	5.77E-06	3.16E-05	3.19E-05	1.28E-05	1.27E-05	1.5358E-03
606747.8	4201188.22	56638.04506	0.02323	0.02369	0.08077	0.08191	0.08558	0.08529	1.42E-03	5.83E-06	6.03E-06	3.29E-05	3.32E-05	1.25E-05	1.24E-05	1.5023E-03
606767.8	4201188.22	55161.39588	0.02429	0.02478	0.08415	0.08534	0.08384	0.08352	1.39E-03	6.10E-06	6.30E-06	3.43E-05	3.46E-05	1.22E-05	1.22E-05	1.4684E-03
606787.8	4201188.22	53672.50312	0.02544	0.02595	0.08776	0.08902	0.08214	0.08178	1.35E-03	6.39E-06	6.60E-06	3.57E-05	3.61E-05	1.20E-05	1.19E-05	1.4345E-03
606807.8	4201188.22	52182.65623	0.02669	0.02723	0.09165	0.09299	0.08046	0.08008	1.31E-03	6.70E-06	6.93E-06	3.73E-05	3.77E-05	1.17E-05	1.17E-05	1.4009E-03
606827.8	4201188.22	50705.71328	0.02803	0.0286	0.09582	0.09726	0.07882	0.07841	1.28E-03	7.04E-06	7.28E-06	3.90E-05	3.95E-05	1.15E-05	1.14E-05	1.3679E-03
606847.8	4201188.22	49246.31479	0.02953	0.03012	0.10039	0.1018	0.0772	0.07678	1.24E-03	7.42E-06	7.66E-06	4.09E-05	4.13E-05	1.13E-05	1.12E-05	1.3357E-03
606867.8	4201188.22	47815.03118	0.0312	0.03182	0.10517	0.10669	0.07562	0.07517	1.20E-03	7.84E-06	8.10E-06	4.28E-05	4.33E-05	1.10E-05	1.10E-05	1.3044E-03
606887.8	4201188.22	46410.88336	0.03366	0.03428	0.11072	0.1126	0.07406	0.0736	1.17E-03	8.45E-06	8.72E-06	4.51E-05	4.57E-05	1.08E-05	1.07E-05	1.2750E-03
606907.8	4201188.22	45046.00424	0.03586	0.03657	0.11671	0.11879	0.07253	0.07205	1.13E-03	9.01E-06	9.30E-06	4.75E-05	4.82E-05	1.06E-05	1.05E-05	1.2468E-03
606927.8	4201188.22	43721.98164	0.03818	0.039	0.12331	0.1256	0.07103	0.07055	1.10E-03	9.59E-06	9.92E-06	5.02E-05	5.09E-05	1.04E-05	1.03E-05	1.2202E-03
606947.8	4201188.22	42437.13792	0.0407	0.04156	0.13078	0.13336	0.06957	0.06907	1.07E-03	1.02E-05	1.06E-05	5.33E-05	5.41E-05	1.02E-05	1.01E-05	1.1953E-03
606967.8	4201188.22	41194.68725	0.04346	0.04438	0.13909	0.14203	0.06814	0.06763	1.04E-03	1.09E-05	1.13E-05	5.67E-05	5.76E-05	9.95E-06	9.86E-06	1.1724E-03
606987.8	4201188.22	39992.56034	0.04657	0.04754	0.14843	0.15174	0.06674	0.06622	1.01E-03	1.17E-05	1.21E-05	6.05E-05	6.16E-05	9.75E-06	9.65E-06	1.1515E-03
607007.8	4201188.22	38830.92682	0.05009	0.05112	0.15888	0.16262	0.06537	0.06485	9.76E-04	1.26E-05	1.30E-05	6.47E-05	6.60E-05	9.55E-06	9.45E-06	1.1327E-03
607027.8	4201188.22	37707.06964	0.05415	0.0552	0.17088	0.17514	0.06402	0.0635	9.48E-04	1.36E-05	1.40E-05	6.96E-05	7.10E-05	9.35E-06	9.26E-06	1.1165E-03
607047.8	4201188.22	36621.85026	0.05882	0.05991	0.18466	0.18956	0.06271	0.06218	9.21E-04	1.48E-05	1.52E-05	7.52E-05	7.69E-05	9.16E-06	9.06E-06	1.1030E-03
607067.8	4201188.22	35576.75309	0.06417	0.06531	0.20052	0.20623	0.06143	0.0609	8.95E-04	1.61E-05	1.66E-05	8.17E-05	8.37E-05	8.97E-06	8.88E-06	1.0927E-03
607087.8	4201188.22	34569.00065	0.07038	0.0716	0.21912	0.22588	0.06017	0.05965	8.69E-04	1.77E-05	1.82E-05	8.93E-05	9.16E-05	8.79E-06	8.69E-06	1.0861E-03
607107.8	4201188.22	33597.55398	0.07761	0.07895	0.24125	0.2494	0.05895	0.05843	8.45E-04	1.95E-05	2.01E-05	9.83E-05	1.01E-04	8.61E-06	8.52E-06	1.0839E-03
607127.8	4201188.22	32662.97048	0.0859	0.08748	0.26783	0.27782	0.05776	0.05724	8.21E-04	2.16E-05	2.23E-05	1.09E-04	1.13E-04	8.43E-06	8.34E-06	1.0870E-03
607147.8	4201188.22	31761.21465	0.09564	0.09764	0.30059	0.31323	0.05659	0.05607	7.99E-04	2.40E-05	2.48E-05	1.22E-04	1.27E-04	8.26E-06	8.17E-06	1.0970E-03
607167.8	4201188.22	30894.12683	0.10686	0.10955	0.34155	0.35792	0.05545	0.05493	7.77E-04	2.68E-05	2.79E-05	1.39E-04	1.45E-04	8.10E-06	8.01E-06	1.1159E-03
607187.8	4201188.22	30061.28311	0.11975	0.12353	0.39403	0.41597	0.05434	0.05382	7.56E-04	3.01E-05	3.14E-05	1.60E-04	1.69E-04	7.94E-06	7.84E-06	1.1467E-03
607207.8	4201188.22	29261.09104	0.13473	0.1402	0.46371	0.49445	0.05326	0.05274	7.36E-04	3.38E-05	3.57E-05	1.89E-04	2.01E-04	7.78E-06	7.69E-06	1.1948E-03
607227.8	4201188.22	28492.03289	0.15241	0.1605	0.56047	0.6061	0.0522	0.05169	7.16E-04	3.83E-05	4.08E-05	2.28E-04	2.46E-04	7.62E-06	7.53E-06	1.2697E-03
607247.8	4201188.22	27754.05043	0.17329	0.18523	0.70128	0.77428	0.05117	0.05067	6.98E-04	4.35E-05	4.71E-05	2.86E-04	3.14E-04	7.47E-06	7.39E-06	1.3883E-03
607267.8	4201188.22	27045.44724	0.19864	0.21573	0.92189	1.05147	0.05017	0.04967	6.80E-04	4.99E-05	5.49E-05	3.75E-04	4.27E-04	7.33E-06	7.24E-06	1.5869E-03
607287.8	4201188.22	26363.91913	0.23124	0.25489	1.31007	1.57568	0.04918	0.04869	6.63E-04	5.81E-05	6.49E-05	5.34E-04	6.39E-04	7.18E-06	7.10E-06	1.9587E-03
607307.8	4201188.22	25708.95699	0.27233	0.30614	2.09956	2.74205	0.04823	0.04774	6.46E-04	6.84E-05	7.79E-05	8.55E-04	1.11E-03	7.04E-06	6.96E-06	2.7603E-03
606527.8	4201208.22	66899.30271	0.01487	0.01511	0.05541	0.05606	0.11155	0.11171	1.68E-03	3.73E-06	3.84E-06	2.26E-05	2.27E-05	1.63E-05	1.63E-05	1.7352E-03
606547.8	4201208.22	65863.11821	0.01534	0.01559	0.05704	0.05772	0.10927	0.10935	1.66E-03	3.85E-06	3.97E-06	2.32E-05	2.34E-05	1.60E-05	1.59E-05	1.7107E-03
606567.8	4201208.22	64822.58384	0.01583	0.01609	0.05874	0.05947	0.10703	0.10703	1.63E-03	3.98E-06	4.09E-06	2.39E-05	2.41E-05	1.56E-05	1.56E-05	1.6862E-03
606587.8	4201208.22	63757.4179	0.01635	0.01663	0.06057	0.06133	0.10482	0.10476	1.60E-03	4.11E-06	4.23E-06	2.47E-05	2.49E-05	1.53E-05	1.53E-05	1.6612E-03

606607.8	4201208.22	62682.8944	0.01691	0.0172	0.06251	0.06332	0.10265	0.10252	1.58E-03	4.25E-06	4.38E-06	2.55E-05	2.57E-05	1.50E-05	1.49E-05	1.6360E-03
606627.8	4201208.22	61572.81285	0.01751	0.01781	0.06461	0.06547	0.10051	0.10031	1.55E-03	4.40E-06	4.53E-06	2.63E-05	2.66E-05	1.47E-05	1.46E-05	1.6102E-03
606647.8	4201208.22	60438.06775	0.01817	0.01848	0.06687	0.06779	0.09838	0.09815	1.52E-03	4.56E-06	4.70E-06	2.72E-05	2.75E-05	1.44E-05	1.43E-05	1.5838E-03
606667.8	4201208.22	59257.08042	0.0189	0.01923	0.06936	0.07034	0.09631	0.09602	1.49E-03	4.75E-06	4.89E-06	2.83E-05	2.85E-05	1.41E-05	1.40E-05	1.5565E-03
606687.8	4201208.22	58040.95178	0.01967	0.02001	0.07198	0.07303	0.09425	0.09393	1.46E-03	4.94E-06	5.09E-06	2.93E-05	2.96E-05	1.38E-05	1.37E-05	1.5285E-03
606707.8	4201208.22	56787.57189	0.02048	0.02083	0.07478	0.07589	0.09225	0.09189	1.43E-03	5.14E-06	5.30E-06	3.05E-05	3.08E-05	1.35E-05	1.34E-05	1.4997E-03
606727.8	4201208.22	55491.84912	0.02138	0.02175	0.07783	0.079	0.09027	0.08987	1.40E-03	5.37E-06	5.53E-06	3.17E-05	3.20E-05	1.32E-05	1.31E-05	1.4701E-03
606747.8	4201208.22	54172.99553	0.02232	0.02271	0.08104	0.08227	0.08833	0.0879	1.36E-03	5.61E-06	5.78E-06	3.30E-05	3.34E-05	1.29E-05	1.28E-05	1.4400E-03
606767.8	4201208.22	52828.86909	0.02335	0.02376	0.08449	0.08577	0.08642	0.08597	1.33E-03	5.86E-06	6.05E-06	3.44E-05	3.48E-05	1.26E-05	1.25E-05	1.4096E-03
606787.8	4201208.22	51475.02324	0.02446	0.02488	0.08815	0.0895	0.08456	0.08408	1.29E-03	6.14E-06	6.33E-06	3.59E-05	3.63E-05	1.23E-05	1.23E-05	1.3791E-03
606807.8	4201208.22	50113.17756	0.02569	0.02613	0.09214	0.09357	0.08273	0.08223	1.26E-03	6.45E-06	6.65E-06	3.75E-05	3.80E-05	1.21E-05	1.20E-05	1.3488E-03
606827.8	4201208.22	48759.79381	0.02702	0.02748	0.09641	0.09793	0.08094	0.08043	1.23E-03	6.79E-06	6.99E-06	3.93E-05	3.97E-05	1.18E-05	1.17E-05	1.3189E-03
606847.8	4201208.22	47420.30381	0.02872	0.02899	0.10094	0.10272	0.0792	0.07866	1.19E-03	7.21E-06	7.38E-06	4.11E-05	4.17E-05	1.16E-05	1.15E-05	1.2898E-03
606867.8	4201208.22	46106.56685	0.03047	0.03088	0.10602	0.10782	0.07749	0.07694	1.16E-03	7.65E-06	7.86E-06	4.32E-05	4.37E-05	1.13E-05	1.12E-05	1.2619E-03
606887.8	4201208.22	44817.58965	0.03236	0.03285	0.11151	0.1135	0.07582	0.07526	1.13E-03	8.13E-06	8.36E-06	4.54E-05	4.60E-05	1.11E-05	1.10E-05	1.2350E-03
606907.8	4201208.22	43555.73187	0.03443	0.03503	0.11759	0.11977	0.07419	0.07362	1.10E-03	8.65E-06	8.91E-06	4.79E-05	4.86E-05	1.08E-05	1.07E-05	1.2093E-03
606927.8	4201208.22	42327.60955	0.03663	0.03728	0.12438	0.12682	0.07259	0.07201	1.06E-03	9.20E-06	9.48E-06	5.07E-05	5.14E-05	1.06E-05	1.05E-05	1.1852E-03
606947.8	4201208.22	41136.78968	0.03898	0.03966	0.13193	0.13469	0.07103	0.07045	1.03E-03	9.79E-06	1.01E-05	5.37E-05	5.46E-05	1.04E-05	1.03E-05	1.1627E-03
606967.8	4201208.22	39981.13677	0.0416	0.04231	0.1404	0.14352	0.0695	0.06892	1.01E-03	1.04E-05	1.08E-05	5.72E-05	5.82E-05	1.01E-05	1.00E-05	1.1420E-03
606987.8	4201208.22	38860.743	0.04455	0.04528	0.14993	0.15343	0.06802	0.06743	9.77E-04	1.12E-05	1.15E-05	6.11E-05	6.22E-05	9.93E-06	9.83E-06	1.1232E-03
607007.8	4201208.22	37776.10999	0.0479	0.04864	0.16063	0.16463	0.06656	0.06598	9.50E-04	1.20E-05	1.24E-05	6.54E-05	6.68E-05	9.72E-06	9.62E-06	1.1066E-03
607027.8	4201208.22	36722.48929	0.0518	0.05254	0.17298	0.17758	0.06514	0.06455	9.23E-04	1.30E-05	1.34E-05	7.05E-05	7.20E-05	9.51E-06	9.41E-06	1.0923E-03
607047.8	4201208.22	35706.98688	0.05617	0.05692	0.18702	0.19231	0.06376	0.06317	8.98E-04	1.41E-05	1.45E-05	7.62E-05	7.80E-05	9.31E-06	9.21E-06	1.0807E-03
607067.8	4201208.22	34724.24897	0.06122	0.062	0.20328	0.20943	0.06241	0.06182	8.73E-04	1.54E-05	1.58E-05	8.28E-05	8.50E-05	9.11E-06	9.01E-06	1.0721E-03
607087.8	4201208.22	33774.1134	0.06703	0.06787	0.22237	0.22965	0.06109	0.06051	8.49E-04	1.68E-05	1.73E-05	9.06E-05	9.32E-05	8.92E-06	8.82E-06	1.0671E-03
607107.8	4201208.22	32859.4415	0.07353	0.07449	0.24481	0.25351	0.05982	0.05923	8.26E-04	1.85E-05	1.90E-05	9.97E-05	1.03E-04	8.74E-06	8.63E-06	1.0663E-03
607127.8	4201208.22	31974.44058	0.08099	0.08222	0.27202	0.28267	0.05857	0.05799	8.04E-04	2.03E-05	2.09E-05	1.11E-04	1.15E-04	8.55E-06	8.45E-06	1.0708E-03
607147.8	4201208.22	31120.52495	0.08942	0.09109	0.30536	0.31864	0.05735	0.05678	7.83E-04	2.25E-05	2.32E-05	1.24E-04	1.29E-04	8.38E-06	8.28E-06	1.0818E-03
607167.8	4201208.22	30296.53512	0.09893	0.10131	0.34711	0.36419	0.05616	0.05559	7.62E-04	2.48E-05	2.58E-05	1.41E-04	1.48E-04	8.20E-06	8.10E-06	1.1016E-03
607187.8	4201208.22	29501.93939	0.10964	0.11314	0.40095	0.42364	0.055	0.05444	7.42E-04	2.75E-05	2.88E-05	1.63E-04	1.72E-04	8.03E-06	7.93E-06	1.1334E-03
607207.8	4201208.22	28735.17984	0.12191	0.12708	0.47316	0.50475	0.05387	0.05332	7.23E-04	3.06E-05	3.23E-05	1.93E-04	2.05E-04	7.87E-06	7.77E-06	1.1830E-03
607227.8	4201208.22	27998.71049	0.13558	0.14307	0.57245	0.61887	0.05278	0.05223	7.04E-04	3.41E-05	3.64E-05	2.33E-04	2.51E-04	7.71E-06	7.61E-06	1.2587E-03
607247.8	4201208.22	27289.3693	0.15153	0.16192	0.71796	0.79163	0.05171	0.05116	6.86E-04	3.81E-05	4.12E-05	2.92E-04	3.21E-04	7.55E-06	7.46E-06	1.3790E-03
607267.8	4201208.22	26608.86148	0.17012	0.18364	0.94285	1.07121	0.05067	0.05013	6.69E-04	4.27E-05	4.67E-05	3.84E-04	4.35E-04	7.40E-06	7.31E-06	1.5771E-03
607287.8	4201208.22	25951.20829	0.1944	0.21185	1.34409	1.60397	0.04965	0.04912	6.53E-04	4.88E-05	5.39E-05	5.47E-04	6.51E-04	7.25E-06	7.16E-06	1.9534E-03
607307.8	4201208.22	25318.75465	0.22396	0.24764	2.16176	2.7811	0.04866	0.04814	6.37E-04	5.62E-05	6.30E-05	8.81E-04	1.13E-03	7.11E-06	7.02E-06	2.7646E-03
606527.8	4201228.22	63630.31668	0.01437	0.01459	0.0555	0.05618	0.11686	0.11679	1.60E-03	3.61E-06	3.71E-06	2.26E-05	2.28E-05	1.71E-05	1.70E-05	1.6528E-03
606547.8	4201228.22	62663.3302	0.01482	0.01505	0.05712	0.05784	0.11426	0.11412	1.58E-03	3.72E-06	3.83E-06	2.33E-05	2.35E-05	1.67E-05	1.66E-05	1.6301E-03
606567.8	4201228.22	61688.25015	0.0153	0.01554	0.05885	0.05961	0.11171	0.1115	1.55E-03	3.84E-06	3.95E-06	2.40E-05	2.42E-05	1.63E-05	1.63E-05	1.6072E-03
606587.8	4201228.22	60698.33136	0.01579	0.01603	0.06064	0.06144	0.10922	0.10895	1.53E-03	3.97E-06	4.08E-06	2.47E-05	2.49E-05	1.59E-05	1.59E-05	1.5840E-03
606607.8	4201228.22	59694.56575	0.01634	0.01659	0.06262	0.06346	0.10677	0.10645	1.50E-03	4.10E-06	4.22E-06	2.55E-05	2.57E-05	1.56E-05	1.55E-05	1.5607E-03
606627.8	4201228.22	58664.37526	0.01692	0.01718	0.06472	0.06562	0.10438	0.10401	1.48E-03	4.25E-06	4.37E-06	2.64E-05	2.66E-05	1.52E-05	1.52E-05	1.5368E-03
606647.8	4201228.22	57612.07841	0.01757	0.01784	0.06702	0.06798	0.10203	0.10162	1.45E-03	4.41E-06	4.54E-06	2.73E-05	2.76E-05	1.49E-05	1.48E-05	1.5126E-03
606667.8	4201228.22	56527.79625	0.01826	0.01855	0.06949	0.07052	0.09973	0.09927	1.42E-03	4.59E-06	4.72E-06	2.83E-05	2.86E-05	1.46E-05	1.45E-05	1.4877E-03
606687.8	4201228.22	55415.99757	0.01898	0.01928	0.0721	0.0732	0.09747	0.09699	1.39E-03	4.77E-06	4.91E-06	2.94E-05	2.97E-05	1.42E-05	1.41E-05	1.4623E-03
606707.8	4201228.22	54271.74434	0.01975	0.02006	0.07491	0.07607	0.09528	0.09476	1.36E-03	4.96E-06	5.10E-06	3.05E-05	3.09E-05	1.39E-05	1.38E-05	1.4362E-03
606727.8	4201228.22	53093.59797	0.0206	0.02092	0.07795	0.07918	0.09311	0.09256	1.34E-03	5.17E-06	5.32E-06	3.17E-05	3.21E-05	1.36E-05	1.35E-05	1.4095E-03
606747.8	4201228.22	51889.18128	0.02153	0.02186	0.08122	0.08252	0.09099	0.09042	1.30E-03	5.41E-06	5.56E-06	3.31E-05	3.35E-05	1.33E-05	1.32E-05	1.3824E-03
606767.8	4201228.22	50663.1852	0.02253	0.02287	0.08472	0.08608	0.08892	0.08833	1.27E-03	5.66E-06	5.82E-06	3.45E-05	3.49E-05	1.30E-05	1.29E-05	1.3549E-03
606787.8	4201228.22	49425.13884	0.02362	0.02397	0.08846	0.08989	0.08689	0.08629	1.24E-03	5.93E-06	6.10E-06	3.60E-05	3.65E-05	1.27E-05	1.26E-05	1.3274E-03
606807.8	4201228.22	48178.97448	0.02482	0.02518	0.0925	0.09402	0.08492	0.0843	1.21E-03	6.23E-06	6.41E-06	3.77E-05	3.81E-05	1.24E-05	1.23E-05	1.3000E-03
606827.8	4201228.22	46937.65273	0.02611	0.02648	0.09686	0.09844	0.08299	0.08236	1.18E-03	6.56E-06	6.74E-06	3.95E-05	3.99E-05	1.21E-05	1.20E-05	1.2730E-03
606847.8	4201228.22	45707.69694	0.02786	0.02795	0.10166	0.10335	0.08111	0.08047	1.15E-03	7.00E-06	7.11E-06	4.14E-05	4.19E-05	1.18E-05	1.17E-05	1.2468E-03
606867.8	4201228.22	44493.17222	0.02958	0.02998	0.10663	0.10852	0.07928	0.07863	1.12E-03	7.43E-06	7.63E-06	4.34E-05	4.40E-05	1.16E-05	1.15E-05	1.2214E-03
606887.8	4201228.22	43296.56907	0.03146	0.0319	0.11221	0.11426	0.07749	0.07683	1.09E-03	7.90E-06	8.12E-06	4.57E-05	4.63E-05	1.13E-05	1.12E-05	1.1968E-03
606907.8	4201228.22	42137.43891	0.03322	0.03368	0.11829	0.12054	0.07576	0.0751	1.06E-03	8.34E-06	8.57E-06	4.82E-05	4.89E-05	1.11E-05	1.09E-05	1.1736E-03
606927.8	4201228.22	41000.31392	0.03523	0.03574	0.12514	0.1277	0.07407	0.0734	1.03E-03	8.85E-06	9.09E-06	5.10E-05	5.18E-05	1.08E-05	1.07E-05	1.1517E-03
606947.8	4201228.22	39890.87675	0.03749	0.03801	0.13282	0.13572	0.07241	0.07174	1.00E-03	9.42E-06	9.67E-06	5.41E-05	5.51E-05	1.06E-05	1.05E-05	1.1314E-03
606967.8	4201228.22	38812.01945	0.04003	0.04056	0.14142	0.14475	0.07079	0.07013	9.76E-04	1.01E-05	1.03E-05	5.76E-05	5.87E-05	1.03E-05	1.02E-05	1.1127E-03
606987.8	4201228.22	37766.99298	0.04285	0.04338	0.15105	0.15479	0.06922	0.06856	9.50E-04	1.08E-05	1.10E-05	6.15E-05	6.28E-05	1.01E-05	9.99E-06	1.0958E-03
607007.8	4201228.22	36750.84139	0.04609	0.0466	0.16206	0.16635	0.06769	0.06703	9.24E-04	1.16E-05	1.19E-05	6.60E-05	6.75E-05	9.89E-06	9.77E-06	1.0811E-03
607027.8	4201228.22	35762.91405	0.04983	0.05033	0.17476	0.17968	0.06619	0.06553	8.99E-04	1.25E-05	1.28E-05	7.12E-05	7.29E-05	9.67E-06	9.55E-06	1.0687E-03
607047.8	4201228.22	34810.9962	0.05397	0.05447	0.18904	0.1947	0.06474	0.06408	8.75E-04	1.36E-05	1.39E-05	7.70E-05	7.90E-05	9.45E-06	9.34E-06	1.0588E-03
607067.8	4201228.22	33888.34348	0.0587	0.05922	0.20557	0.21217	0.06333	0.06268	8.52E-04	1.47E-05	1.51E-05	8.37E-05	8.61E-05	9.25E-06	9.14E-06	1.0518E-03
607087.8	4201228.22	32994.92108	0.06404	0.06462	0.22495	0.23275	0.06195	0.06131	8.30E-04	1.61E-05	1.64E-05	9.16E-05	9.44E-05	9.05E-06	8.94E-06	1.0483E-03
607107.8	4201228.22	32132.09283	0.06994	0.07068	0.24781	0.25707	0.06062	0.05998	8.08E-04	1.76E-05	1.80E-05	1.01E-04	1.04E-04	8.85E-06	8.74E-06	1.0488E-03
607127.8	4201228.22	31294.32096	0.07662	0.07767	0.27567	0.28696	0.05931	0.05868	7.87E-04	1.92E-05	1.98E-05	1.12E-04	1.16E-04	8.66E-06	8.55E-06	1.0546E-03
607147.8	4201228.22	30487.25819	0.08381	0.08535	0.30935	0.32332	0.05805	0.05743	7.67E-04	2.10E-05	2.17E-05	1.26E-04	1.31E-04	8.48E-06	8.37E-06	1.0666E-03
607167.8	4201228.22	29702.56869	0.09196	0.09429	0.35238	0.37025	0.05681	0.05619	7.47E-04	2.31E-05	2.40E-05	1.44E-04	1.50E-04	8.30E-06	8.19E-06	1.0877E-03
607187.8	4201228.22	28945.99577	0.10075	0.10423	0.40744	0.43099	0.05561	0.055	7.28E-04	2.53E-05	2.65E-05	1.66E-04	1.75E-04	8.12E-06	8.02E-06	1.1205E-03
607207.8	4201228.22	28214.13429	0.11053	0.11556	0.48124	0.51384	0.05444	0.05384	7.09E-04	2.78E-05	2.94E-05	1.96E-04	2.08E-04	7.95E-06	7.85E-06	1.1711E-03
607227.8	4201228.22	27509.56449	0.1212	0.12807	0.58263	0.63015	0.0533	0.05271	6.92E-04	3.04E-05	3.26E-05	2.37E-04	2.56E-04	7.78E-06	7.68E-06	1.2477E-03
607247.8	4201228.22	26828.78729	0.13378	0.14256	0.73206	0.80673	0.05219	0.05161	6.75E-04	3.36E-05	3.63E-05	2.98E-04	3.27E-04	7.62E-06	7.52E-06	1.3700E-03
607267.8	4201228.22	26174.0183	0.14861	0.15933	0.9652	1.0936	0.05112	0.05055	6.58E-04	3.73E-05	4.05E-05	3.93E-04	4.44E-04	7.47E-06	7.37E-06	1.5728E-03
607287.8	4201228.22	25542.6279	0.16682	0.18007	1.37476	1.62564	0.05008	0.04951	6.42E-04	4.19E-05	4.58E-05	5.60E-04	6.59E-04	7.31E-06	7.22E-06	1.9494E-03
607307.8	4201228.22	24932.68364	0.18887	0.2063	2.21814	2.80646	0.04906	0.0485	6.27E-04	4.74E-05	5.25E-05	9.03E-04	1.14E-03	7.16E-06	7.07E-06	2.7688E-03
606527.8	4201248.22	60639.91143	0.01391	0.01411	0.05555	0.05626	0.12208	0.1218	1.52E-03	3.49E-06	3.59E-06	2.26E-05	2.28E-05	1.78E-05	1.78E-05	1.5774E-03
606547.8	4201248.22	59733.99603	0.01435	0.01456	0.05719	0.05794	0.11918	0.11881	1.50E-03	3.60E-06	3.70E-06	2.33E-05	2.35E-05	1.74E-05	1.73E-05	1.5562E-03
606567.8	4201248.22	58820.23509	0.01483	0.01503	0.05894	0.05972	0.11632	0.11589	1.48E-03	3.72E-06	3.82E-06	2.40E-05	2.42E-05	1.70E-05	1.69E-05	1.5349E-03
606587.8	4201248.22	57892.78291	0.01531	0.01553	0.06076	0.06159	0.11353	0.11305	1.46E-03	3.85E-06	3.95E-06	2.47E-05	2.50E-05	1.66E-05	1.65E-05	1.5133E-03
606607.8	4201248.22	56959.06843	0.01583	0.01605	0.0627	0.06358	0.11082	0.1103	1.43E-03	3.98E-06	4.08E-06	2.55E-05	2.58E-05	1.62E-05	1.61E-05	1.4917E-03
606627.8	4201248.22	55996.2203	0.01641	0.01664	0.06485	0.06579	0.10818	0.10761	1.41E-03	4.12E-06	4.23E-06	2.64E-05	2.67E-05	1.58E-05	1.57E-05	1.4696E-03
606647.8	4201248.22	55021.18315	0.01703	0.01727	0.06714	0.06814	0.10558	0.10498	1.38E-03	4.28E-06	4.39E-06	2.73E-05	2.76E-05	1.54E-05	1.53E-05	1.4473E-03
606667.8	4201248.22	54025.33772	0.01767	0.01792	0.06955	0.07062	0.10307	0.10243	1.36E-03	4.44E-06	4.56E-06	2.83E-05	2.86E-05	1.51E-05	1.49E-05	1.4245E-03
606687.8	4201248.22	53002.94841	0.01836	0.01861	0.07215	0.07329	0.1006	0.09995	1.33E-03	4.61E-06	4.73E-06	2.94E-05	2.97E-05	1.47E-05	1.46E-05	1.4013E-03
606707.8	4201248.22	51947.12464	0.01914	0.0194	0.07503	0.07624	0.09819	0.09752	1.31E-03	4.81E-06	4.94E-06	3.06E-05	3.09E-05	1.43E-05	1.42E-05	1.3775E-03
606727.8	4201248.22	50869.84039	0.01995	0.02022	0.07806	0.07934	0.09584	0.09515	1.28E-03	5.01E-06	5.14E-06	3.18E-05	3.22E-05	1.40E-05	1.39E-05	1.3533E-03
606747.8	4201248.22	49768.68817	0.02084	0.02112	0.08134	0.0827	0.09355	0.09284	1.25E-03	5.23E-06	5.37E-06	3.31E-05	3.35E-05	1.37E-05	1.35E-05	1.3288E-03
606767.8	4201248.22	48644.2752	0.02183	0.02212	0.08489	0.08633	0.09131	0.09058	1.22E-03	5.48E-06	5.63E-06	3.46E-05	3.50E-05	1.33E-05	1.32E-05	1.3040E-03
606787.8	4201248.22	47514.24511	0.02286	0.02315	0.08862	0.09013	0.08914	0.0884	1.19E-03	5.74E-06	5.89E-06	3.61E-05	3.66E-05	1.30E-05	1.29E-05	1.2791E-03
606807.8	4201248.22	46368.97177	0.02405	0.02434	0.09274	0.09434	0.08701	0.08627	1.17E-03	6.04E-06	6.19E-06	3.78E-05	3.83E-05	1.27E-05	1.26E-05	1.2543E-03
606827.8	4201248.22	45228.00435	0.0253	0.0256	0.0972	0.09896	0.08495	0.0842	1.14E-03	6.35E-06	6.51E-06	3.96E-05	4.01E-05	1.24E-05	1.23E-05	1.2299E-03
606847.8	4201248.22	44093.83007	0.02709	0.02731	0.10203	0.10384	0.08294	0.08219	1.11E-03	6.80E-06	6.95E-06	4.16E-05	4.21E-05	1.21E-05	1.20E-05	1.2062E-03
606867.8	4201248.22	42974.28077	0.02865	0.02895	0.10706	0.109	0.08099	0.08024	1.08E-03	7.20E-06	7.37E-06	4.36E-05	4.42E-05	1.18E-05	1.17E-05	1.1830E-03
606887.8	4201248.22	41868.09205	0.03038	0.03073	0.11263	0.11477	0.07909	0.07833	1.05E-03	7.63E-06	7.82E-06	4.59E-05	4.66E-05	1.15E-05	1.14E-05	1.1607E-03
606907.8	4201248.22	40785.38232	0.03215	0.03254	0.11887	0.12125	0.07725	0.07649	1.03E-03	8.07E-06	8.28E-06	4.84E-05	4.92E-05	1.13E-05	1.11E-05	1.1396E-03
606927.8	4201248.22	39726.07358	0.0341	0.0345	0.12581	0.12848	0.07545	0.07469	9.99E-04	8.56E-06	8.78E-06	5.12E-05	5.21E-05	1.10E-05	1.09E-05	1.1197E-03
606947.8	4201248.22	38696.72389	0.03623	0.03661	0.13346	0.13647	0.07371	0.07296	9.73E-04	9.10E-06	9.31E-06	5.44E-05	5.54E-05	1.08E-05	1.06E-05	1.1012E-03
606967.8	4201248.22	37692.12357	0.03863	0.039	0.14211	0.14556	0.07201	0.07126	9.48E-04	9.70E-06	9.92E-06	5.79E-05	5.90E-05	1.05E-05	1.04E-05	1.0844E-03
606987.8	4201248.22	36713.90946	0.04136	0.04172	0.15181	0.15575	0.07036	0.06961	9.23E-04	1.04E-05	1.06E-05	6.18E-05	6.32E-05	1.03E-05	1.01E-05	1.0693E-03
607007.8	4201248.22	35759.22588	0.04453	0.04486	0.1631	0.1676	0.06874	0.068	8.99E-04	1.12E-05	1.14E-05	6.64E-05	6.80E-05	1.00E-05	9.91E-06	1.0562E-03
607027.8	4201248.22	34832.42907	0.04812	0.04843	0.17602	0.1812	0.06717	0.06644	8.76E-04	1.21E-05	1.23E-05	7.17E-05	7.35E-05	9.81E-06	9.68E-06	1.0455E-03
607047.8	4201248.22	33937.47303	0.05208	0.05239	0.19058	0.19661	0.06565	0.06493	8.53E-04	1.31E-05	1.33E-05	7.76E-05	7.98E-05	9.59E-06	9.46E-06	1.0372E-03
607067.8	4201248.22	33071.32487	0.05646	0.0568	0.20734	0.21435	0.06418	0.06347	8.32E-04	1.42E-05	1.45E-05	8.45E-05	8.70E-05	9.37E-06	9.25E-06	1.0317E-03
607087.8	4201248.22	32229.44014	0.06138	0.06182	0.22707	0.23535	0.06274	0.06204	8.10E-04	1.54E-05	1.57E-05	9.25E-05	9.55E-05	9.16E-06	9.04E-06	1.0296E-03
607107.8	4201248.22	31414.85787	0.06672	0.06737	0.25041	0.26025	0.06135	0.06066	7.90E-04	1.68E-05	1.71E-05	1.02E-04	1.06E-04	8.96E-06	8.84E-06	1.0314E-03
607127.8	4201248.22	30623.2185	0.07259	0.07361	0.27877	0.29071	0.06	0.05931	7.70E-04	1.82E-05	1.87E-05	1.14E-04	1.18E-04	8.76E-06	8.64E-06	1.0385E-03
607147.8	4201248.22	29856.52695	0.07889	0.08047	0.31355	0.3283	0.05868	0.05801	7.51E-04	1.98E-05	2.05E-05	1.28E-04	1.33E-04	8.57E-06	8.46E-06	1.0520E-03
607167.8	4201248.22	29114.66282	0.08552	0.08793	0.35692	0.37565	0.0574	0.05674	7.32E-04	2.15E-05	2.24E-05	1.45E-04	1.52E-04	8.38E-06	8.27E-06	1.0737E-03
607187.8	4201248.22	28394.82085	0.09266	0.09618	0.4131	0.43773	0.05616	0.05551	7.14E-04	2.33E-05	2.45E-05	1.68E-04	1.78E-04	8.20E-06	8.09E-06	1.1076E-03
607207.8	4201248.22	27697.66138	0.10041	0.10522	0.48799	0.52184	0.05495	0.05431	6.97E-04	2.52E-05	2.68E-05	1.99E-04	2.12E-04	8.02E-06	7.92E-06	1.1589E-03
607227.8	4201248.22	27024.4462	0.10894	0.11503	0.59095	0.64002	0.05378	0.05314	6.80E-04	2.74E-05	2.93E-05	2.41E-04	2.60E-04	7.85E-06	7.75E-06	1.2365E-03
607247.8	4201248.22	26373.7891	0.11891	0.12616	0.74098	0.81719	0.05264	0.05202	6.63E-04	2.99E-05	3.21E-05	3.02E-04	3.31E-04	7.69E-06	7.58E-06	1.3585E-03
607267.8	4201248.22	25743.61222	0.13127	0.13982	0.98076	1.10993	0.05153	0.05092	6.47E-04	3.30E-05	3.56E-05	3.99E-04	4.50E-04	7.53E-06	7.42E-06	1.5656E-03
607287.8	4201248.22	25136.98998	0.14564	0.156	1.39624	1.64278	0.05045	0.04985	6.32E-04	3.66E-05	3.97E-05	5.69E-04	6.66E-04	7.37E-06	7.27E-06	1.9435E-03
607307.8	4201248.22	24549.94405	0.16239	0.17574	2.25472	2.82471	0.0494	0.04882	6.17E-04	4.08E-05	4.47E-05	9.18E-04	1.15E-03	7.21E-06	7.12E-06	2.7671E-03
606527.8	4201268.22	57888.05394	0.0135	0.01367	0.0556	0.05633	0.12725	0.12671	1.46E-03	3.39E-06	3.48E-06	2.26E-05	2.29E-05	1.86E-05	1.85E-05	1.5081E-03
606547.8	4201268.22	57040.30246	0.01393	0.01411	0.05724	0.05802	0.12399	0.12339	1.43E-03	3.50E-06	3.59E-06	2.33E-05	2.35E-05	1.81E-05	1.80E-05	1.4883E-03
606567.8	4201268.22	56185.07133	0.01439	0.01457	0.059	0.05981	0.12083	0.12017	1.41E-03	3.61E-06	3.71E-06	2.40E-05	2.43E-05	1.76E-05	1.75E-05	1.4685E-03
606587.8	4201268.22	55315.89912	0.01487	0.01506	0.06085	0.0617	0.11775	0.11705	1.39E-03	3.73E-06	3.83E-06	2.48E-05	2.50E-05	1.72E-05	1.71E-05	1.4484E-03
606607.8	4201268.22	54439.20148	0.01539	0.01559	0.06284	0.06374	0.11477	0.11404	1.37E-03	3.87E-06	3.97E-06	2.56E-05	2.59E-05	1.68E-05	1.66E-05	1.4283E-03
606627.8	4201268.22	53545.49811	0.01594	0.01614	0.06494	0.0659	0.11186	0.1111	1.35E-03	4.00E-06	4.11E-06	2.65E-05	2.67E-05	1.63E-05	1.62E-05	1.4078E-03
606647.8	4201268.22	52640.41397	0.01653	0.01674	0.0672	0.06823	0.10903	0.10824	1.32E-03	4.15E-06	4.26E-06	2.74E-05	2.77E-05	1.59E-05	1.58E-05	1.3872E-03
606667.8	4201268.22	51717.13405	0.01715	0.01737	0.0696	0.0707	0.10629	0.10548	1.30E-03	4.31E-06	4.42E-06	2.83E-05	2.87E-05	1.55E-05	1.54E-05	1.3663E-03
606687.8	4201268.22	50765.48468	0.01786	0.01808	0.07229	0.07346	0.10359	0.10277	1.28E-03	4.49E-06	4.60E-06	2.94E-05	2.98E-05	1.51E-05	1.50E-05	1.3449E-03
606707.8	4201268.22	49797.21152	0.0186	0.01882	0.0751	0.07635	0.101	0.10016	1.25E-03	4.67E-06	4.79E-06	3.06E-05	3.10E-05	1.47E-05	1.46E-05	1.3233E-03
606727.8	4201268.22	48802.4997	0.01941	0.01964	0.07818	0.07952	0.09845	0.09761	1.23E-03	4.87E-06	5.00E-06	3.18E-05	3.23E-05	1.44E-05	1.42E-05	1.3012E-03
606747.8	4201268.22	47787.54965	0.02031	0.02054	0.08152	0.08293	0.09598	0.09513	1.20E-03	5.10E-06	5.23E-06	3.32E-05	3.36E-05	1.40E-05	1.39E-05	1.2789E-03
606767.8	4201268.22	46766.39471	0.0212	0.02143	0.08494	0.08644	0.0936	0.09274	1.18E-03	5.32E-06	5.45E-06	3.46E-05	3.51E-05	1.37E-05	1.35E-05	1.2565E-03
606787.8	4201268.22	45727.19952	0.0222	0.02244	0.08869	0.09026	0.09127	0.09041	1.15E-03	5.58E-06	5.71E-06	3.61E-05	3.66E-05	1.33E-05	1.32E-05	1.2339E-03
606807.8	4201268.22	44675.18356	0.02334	0.02358	0.0928	0.09447	0.08901	0.08814	1.12E-03	5.86E-06	6.00E-06	3.78E-05	3.83E-05	1.30E-05	1.28E-05	1.2114E-03
606827.8	4201268.22	43623.51489	0.02456	0.0248	0.09723	0.0992	0.08681	0.08594	1.10E-03	6.17E-06	6.31E-06	3.96E-05	4.02E-05	1.27E-05	1.25E-05	1.1893E-03
606847.8	4201268.22	42575.86953	0.02623	0.02637	0.10229	0.10419	0.08468	0.08381	1.07E-03	6.59E-06	6.71E-06	4.17E-05	4.23E-05	1.24E-05	1.22E-05	1.1679E-03
606867.8	4201268.22	41537.66857	0.0278	0.02803	0.10732	0.10937	0.08261	0.08175	1.04E-03	6.98E-06	7.13E-06	4.37E-05	4.44E-05	1.21E-05	1.19E-05	1.1467E-03
606887.8	4201268.22	40512.06391	0.02944	0.02972	0.11291	0.11512	0.0806	0.07974	1.02E-03	7.39E-06	7.56E-06	4.60E-05	4.67E-05	1.18E-05	1.16E-05	1.1264E-03
606907.8	4201268.22	39504.88463	0.03115	0.03145	0.11917	0.12163	0.07865	0.0778	9.93E-04	7.82E-06	8.00E-06	4.85E-05	4.93E-05	1.15E-05	1.13E-05	1.1071E-03
606927.8	4201268.22	38518.29685	0.03304	0.03332	0.12613	0.12888	0.07676	0.07591	9.69E-04	8.30E-06	8.48E-06	5.14E-05	5.23E-05	1.12E-05	1.11E-05	1.0890E-03
606947.8	4201268.22	37554.2457	0.03513	0.03539	0.13391	0.137	0.07492	0.07409	9.44E-04	8.82E-06	9.00E-06	5.45E-05	5.56E-05	1.09E-05	1.08E-05	1.0723E-03
606967.8	4201268.22	36614.11027	0.03747	0.03771	0.14263	0.14613	0.07314	0.07231	9.21E-04	9.41E-06	9.59E-06	5.81E-05	5.93E-05	1.07E-05	1.05E-05	1.0571E-03
606987.8	4201268.22	35697.2852	0.04013	0.04034	0.15242	0.15642	0.0714	0.07059	8.98E-04	1.01E-05	1.03E-05	6.21E-05	6.35E-05	1.04E-05	1.03E-05	1.0435E-03
607007.8	4201268.22	34800.31664	0.0432	0.04338	0.16384	0.16851	0.06971	0.06891	8.75E-04	1.08E-05	1.10E-05	6.67E-05	6.84E-05	1.02E-05	1.00E-05	1.0321E-03
607027.8	4201268.22	33930.08316	0.04663	0.0468	0.17687	0.18226	0.06807	0.06728	8.53E-04	1.17E-05	1.19E-05	7.20E-05	7.39E-05	9.94E-06	9.81E-06	1.0228E-03
607047.8	4201268.22	33089.72181	0.05034	0.05052	0.19158	0.19786	0.06649	0.06571	8.32E-04	1.26E-05	1.29E-05	7.80E-05	8.03E-05	9.71E-06	9.58E-06	1.0159E-03
607067.8	4201268.22	32271.60541	0.05448	0.05473	0.20872	0.21611	0.06495	0.06418	8.12E-04	1.37E-05	1.39E-05	8.50E-05	8.77E-05	9.48E-06	9.35E-06	1.0118E-03
607087.8	4201268.22	31480.43791	0.05889	0.05929	0.22864	0.23732	0.06347	0.06271	7.92E-04	1.48E-05	1.51E-05	9.31E-05	9.63E-05	9.27E-06	9.14E-06	1.0109E-03
607107.8	4201268.22	30711.78514	0.06363	0.0643	0.2523	0.26265	0.06202	0.06128	7.72E-04	1.60E-05	1.64E-05	1.03E-04	1.07E-04	9.06E-06	8.93E-06	1.0140E-03
607127.8	4201268.22	29962.48147	0.06877	0.06987	0.28122	0.29384	0.06062	0.05988	7.53E-04	1.73E-05	1.78E-05	1.15E-04	1.19E-04	8.85E-06	8.73E-06	1.0222E-03
607147.8	4201268.22	29232.61732	0.07429	0.07602	0.3174	0.33301	0.05925	0.05853	7.35E-04	1.87E-05	1.93E-05	1.29E-04	1.35E-04	8.65E-06	8.53E-06	1.0375E-03
607167.8	4201268.22	28531.80552	0.0796	0.08214	0.36108	0.3808	0.05793	0.05723	7.17E-04	2.00E-05	2.09E-05	1.47E-04	1.54E-04	8.46E-06	8.34E-06	1.0599E-03
607187.8	4201268.22	27849.15478	0.08527	0.08876	0.41782	0.44363	0.05665	0.05596	7.00E-04	2.14E-05	2.26E-05	1.70E-04	1.80E-04	8.27E-06	8.16E-06	1.0945E-03
607207.8	4201268.22	27184.45247	0.09163	0.09608	0.49431	0.52963	0.0554	0.05472	6.84E-04	2.30E-05	2.44E-05	2.01E-04	2.15E-04	8.09E-06	7.98E-06	1.1472E-03
607227.8	4201268.22	26540.85957	0.09881	0.10408	0.59971	0.6508	0.05419	0.05352	6.67E-04	2.48E-05	2.65E-05	2.44E-04	2.64E-04	7.91E-06	7.80E-06	1.2270E-03
607247.8	4201268.22	25919.76289	0.10703	0.11301	0.75095	0.82959	0.05302	0.05237	6.52E-04	2.69E-05	2.88E-05	3.06E-04	3.37E-04	7.74E-06	7.63E-06	1.3498E-03
607267.8	4201268.22	25315.65215	0.11727	0.12423	0.99142	1.12154	0.05188	0.05124	6.37E-04	2.95E-05	3.16E-05	4.04E-04	4.55E-04	7.58E-06	7.47E-06	1.5564E-03
607287.8	4201268.22	24733.56025	0.12866	0.13714	1.40498	1.65468	0.05078	0.05015	6.22E-04	3.23E-05	3.49E-05	5.72E-04	6.71E-04	7.42E-06	7.31E-06	1.9327E-03
607307.8	4201268.22	24171.1412	0.1417	0.15214	2.25491	2.83758	0.04971	0.04909	6.08E-04	3.56E-05	3.87E-05	9.18E-04	1.15E-03	7.26E-06	7.16E-06	2.7516E-03
606527.8	4201288.22	55346.23773	0.0131	0.01326	0.05561	0.05636	0.13232	0.1315	1.39E-03	3.29E-06	3.37E-06	2.27E-05	2.29E-05	1.93E-05	1.92E-05	1.4440E-03
606547.8	4201288.22	54552.52443	0.01354	0.0137	0.0573	0.05809	0.1287	0.12786	1.37E-03	3.40E-06	3.49E-06	2.33E-05	2.36E-05	1.88E-05	1.86E-05	1.4256E-03
606567.8	4201288.22	53749.8736	0.014	0.01417	0.05908	0.05991	0.12523	0.12433	1.35E-03	3.52E-06	3.61E-06	2.41E-05	2.43E-05	1.83E-05	1.81E-05	1.4071E-03
606587.8	4201288.22	52931.30649	0.0145	0.01467	0.061	0.06188	0.12184	0.12092	1.33E-03	3.64E-06	3.73E-06	2.48E-05	2.51E-05	1.78E-05	1.76E-05	1.3884E-03
606607.8	4201288.22	52109.44856	0.01502	0.0152	0.06301	0.06394	0.11858	0.11762	1.31E-03	3.77E-06	3.87E-06	2.57E-05	2.59E-05	1.73E-05	1.71E-05	1.3696E-03
606627.8	4201288.22	51275.79033	0.01556	0.01573	0.0651	0.06609	0.11541	0.11445	1.29E-03	3.91E-06	4.00E-06	2.65E-05	2.68E-05	1.69E-05	1.67E-05	1.3507E-03
606647.8	4201288.22	50434.76436	0.01612	0.0163	0.06733	0.06838	0.11234	0.11137	1.27E-03	4.05E-06	4.15E-06	2.74E-05	2.77E-05	1.64E-05	1.62E-05	1.3316E-03
606667.8	4201288.22	49574.09535	0.01675	0.01693	0.06976	0.07088	0.10936	0.10838	1.25E-03	4.21E-06	4.31E-06	2.84E-05	2.88E-05	1.60E-05	1.58E-05	1.3123E-03
606687.8	4201288.22	48695.81118	0.01742	0.0176	0.07237	0.07358	0.10648	0.10549	1.22E-03	4.37E-06	4.48E-06	2.95E-05	2.98E-05	1.55E-05	1.54E-05	1.2927E-03
606707.8	4201288.22	47794.60205	0.01817	0.01835	0.07525	0.07654	0.10366	0.10267	1.20E-03	4.56E-06	4.67E-06	3.07E-05	3.10E-05	1.51E-05	1.50E-05	1.2728E-03
606727.8	4201288.22	46882.85942	0.01893	0.01912	0.07825	0.07962	0.10095	0.09995	1.18E-03	4.75E-06	4.86E-06	3.19E-05	3.23E-05	1.47E-05	1.46E-05	1.2527E-03
606747.8	4201288.22	45948.93938	0.01979	0.01997	0.08154	0.083	0.09831	0.09731	1.16E-03	4.97E-06	5.08E-06	3.32E-05	3.37E-05	1.44E-05	1.42E-05	1.2324E-03
606767.8	4201288.22	45005.34021	0.02069	0.02087	0.08501	0.08656	0.09576	0.09476	1.13E-03	5.20E-06	5.31E-06	3.46E-05	3.51E-05	1.40E-05	1.38E-05	1.2120E-03
606787.8	4201288.22	44049.95446	0.02165	0.02183	0.08872	0.09035	0.0933	0.0923	1.11E-03	5.44E-06	5.55E-06	3.61E-05	3.67E-05	1.36E-05	1.35E-05	1.1915E-03
606807.8	4201288.22	43085.03792	0.02272	0.0229	0.09275	0.09448	0.0909	0.08991	1.08E-03	5.71E-06	5.83E-06	3.78E-05	3.83E-05	1.33E-05	1.31E-05	1.1711E-03
606827.8	4201288.22	42113.93921	0.0239	0.02408	0.09715	0.09899	0.08857	0.08759	1.06E-03	6.00E-06	6.13E-06	3.96E-05	4.02E-05	1.29E-05	1.28E-05	1.1509E-03
606847.8	4201288.22	41142.05591	0.02551	0.02543	0.10235	0.10447	0.08631	0.08534	1.03E-03	6.41E-06	6.47E-06	4.17E-05	4.24E-05	1.26E-05	1.24E-05	1.1315E-03
606867.8	4201288.22	40180.32147	0.027	0.02717	0.1075	0.10962	0.08413	0.08317	1.01E-03	6.78E-06	6.91E-06	4.38E-05	4.45E-05	1.23E-05	1.21E-05	1.1124E-03
606887.8	4201288.22	39227.73622	0.02857	0.02877	0.11309	0.11541	0.08202	0.08106	9.86E-04	7.18E-06	7.32E-06	4.61E-05	4.68E-05	1.20E-05	1.18E-05	1.0938E-03
606907.8	4201288.22	38286.92351	0.03027	0.03048	0.1193	0.12181	0.07996	0.07902	9.63E-04	7.60E-06	7.75E-06	4.86E-05	4.94E-05	1.17E-05	1.15E-05	1.0762E-03
606927.8	4201288.22	37363.82174	0.03213	0.03232	0.12631	0.12912	0.07797	0.07704	9.40E-04	8.07E-06	8.22E-06	5.14E-05	5.24E-05	1.14E-05	1.12E-05	1.0597E-03
606947.8	4201288.22	36460.18446	0.0342	0.03435	0.13415	0.13731	0.07604	0.07513	9.17E-04	8.59E-06	8.74E-06	5.46E-05	5.57E-05	1.11E-05	1.10E-05	1.0445E-03
606967.8	4201288.22	35579.70799	0.03648	0.03661	0.1428	0.14637	0.07418	0.07328	8.95E-04	9.16E-06	9.31E-06	5.82E-05	5.94E-05	1.08E-05	1.07E-05	1.0307E-03
606987.8	4201288.22	34718.30434	0.03907	0.03916	0.15272	0.15685	0.07237	0.07148	8.73E-04	9.81E-06	9.96E-06	6.22E-05	6.36E-05	1.06E-05	1.04E-05	1.0187E-03
607007.8	4201288.22	33875.47815	0.04203	0.04209	0.1642	0.16896	0.07061	0.06973	8.52E-04	1.06E-05	1.07E-05	6.69E-05	6.85E-05	1.03E-05	1.02E-05	1.0085E-03
607027.8	4201288.22	33057.65396	0.04527	0.04534	0.17727	0.18281	0.0689	0.06804	8.31E-04	1.14E-05	1.15E-05	7.22E-05	7.42E-05	1.01E-05	9.92E-06	1.0006E-03
607047.8	4201288.22	32266.45464	0.04874	0.04886	0.1921	0.19853	0.06726	0.06642	8.11E-04	1.22E-05	1.24E-05	7.82E-05	8.05E-05	9.82E-06	9.68E-06	9.9485E-04
607067.8	4201288.22	31496.07397	0.05252	0.05275	0.20939	0.21696	0.06567	0.06484	7.92E-04	1.32E-05	1.34E-05	8.53E-05	8.80E-05	9.59E-06	9.45E-06	9.9193E-04
607087.8	4201288.22	30747.41327	0.05654	0.05698	0.22969	0.23869	0.06412	0.06331	7.73E-04	1.42E-05	1.45E-05	9.36E-05	9.68E-05	9.36E-06	9.23E-06	9.9227E-04
607107.8	4201288.22	30021.40233	0.0607	0.06146	0.25367	0.26451	0.06263	0.06183	7.55E-04	1.52E-05	1.56E-05	1.03E-04	1.07E-04	9.15E-06	9.01E-06	9.9644E-04
607127.8	4201288.22	29310.07201	0.0652	0.06644	0.28345	0.29666	0.06117	0.06039	7.37E-04	1.64E-05	1.69E-05	1.15E-04	1.20E-04	8.93E-06	8.80E-06	1.0061E-03
607147.8	4201288.22	28618.72322	0.06983	0.07172	0.32028	0.33677	0.05976	0.05899	7.20E-04	1.75E-05	1.82E-05	1.30E-04	1.37E-04	8.73E-06	8.60E-06	1.0225E-03
607167.8	4201288.22	27951.60524	0.07433	0.07696	0.36549	0.38646	0.0584	0.05765	7.03E-04	1.87E-05	1.96E-05	1.49E-04	1.57E-04	8.53E-06	8.40E-06	1.0468E-03
607187.8	4201288.22	27305.65772	0.07884	0.0822	0.42267	0.44996	0.05708	0.05635	6.87E-04	1.98E-05	2.09E-05	1.72E-04	1.83E-04	8.34E-06	8.21E-06	1.0820E-03
607207.8	4201288.22	26674.92318	0.08401	0.088	0.49968	0.53676	0.0558	0.05508	6.71E-04	2.11E-05	2.24E-05	2.04E-04	2.18E-04	8.15E-06	8.03E-06	1.1355E-03
607227.8	4201288.22	26059.69848	0.09031	0.0948	0.60809	0.66023	0.05456	0.05385	6.55E-04	2.27E-05	2.41E-05	2.48E-04	2.68E-04	7.97E-06	7.85E-06	1.2176E-03
607247.8	4201288.22	25465.75789	0.09736	0.10242	0.76149	0.83973	0.05335	0.05266	6.40E-04	2.45E-05	2.61E-05	3.10E-04	3.41E-04	7.79E-06	7.68E-06	1.3417E-03
607267.8	4201288.22	24891.09916	0.10543	0.11128	0.9991	1.12983	0.05219	0.05152	6.26E-04	2.65E-05	2.83E-05	4.07E-04	4.58E-04	7.62E-06	7.51E-06	1.5460E-03
607287.8	4201288.22	24332.79017	0.11476	0.12172	1.41168	1.66418	0.05106	0.0504	6.12E-04	2.88E-05	3.10E-05	5.75E-04	6.75E-04	7.46E-06	7.35E-06	1.9217E-03
607307.8	4201288.22	23792.69769	0.12528	0.13368	2.25161	2.84877	0.04997	0.04932	5.98E-04	3.15E-05	3.40E-05	9.17E-04	1.16E-03	7.30E-06	7.19E-06	2.7365E-03

606527.8	4201308.22	52989.82844	0.01275	0.0129	0.05564	0.05641	0.13724	0.13615	1.33E-03	3.20E-06	3.28E-06	2.27E-05	2.29E-05	2.00E-05	1.98E-05	1.3846E-03
606547.8	4201308.22	52246.56561	0.01319	0.01333	0.05734	0.05815	0.13328	0.13217	1.31E-03	3.31E-06	3.39E-06	2.34E-05	2.36E-05	1.95E-05	1.93E-05	1.3675E-03
606567.8	4201308.22	51488.57357	0.01367	0.01382	0.05922	0.06007	0.12946	0.12832	1.29E-03	3.43E-06	3.52E-06	2.41E-05	2.44E-05	1.89E-05	1.87E-05	1.3502E-03
606587.8	4201308.22	50718.59762	0.01419	0.01434	0.06119	0.06209	0.12579	0.12462	1.28E-03	3.56E-06	3.65E-06	2.49E-05	2.52E-05	1.84E-05	1.82E-05	1.3327E-03
606607.8	4201308.22	49952.50461	0.01469	0.01484	0.06316	0.06412	0.12225	0.12108	1.26E-03	3.69E-06	3.78E-06	2.57E-05	2.60E-05	1.79E-05	1.76E-05	1.3153E-03
606627.8	4201308.22	49166.76446	0.01525	0.0154	0.06534	0.06635	0.11881	0.11764	1.24E-03	3.83E-06	3.92E-06	2.66E-05	2.69E-05	1.74E-05	1.71E-05	1.2977E-03
606647.8	4201308.22	48380.16182	0.01582	0.01597	0.06758	0.06866	0.1155	0.11433	1.22E-03	3.97E-06	4.06E-06	2.75E-05	2.79E-05	1.69E-05	1.67E-05	1.2800E-03
606667.8	4201308.22	47583.14379	0.01641	0.01656	0.06994	0.07109	0.11231	0.11113	1.20E-03	4.12E-06	4.21E-06	2.85E-05	2.88E-05	1.64E-05	1.62E-05	1.2622E-03
606687.8	4201308.22	46770.20399	0.01705	0.0172	0.07249	0.07372	0.10921	0.10804	1.18E-03	4.28E-06	4.38E-06	2.95E-05	2.99E-05	1.59E-05	1.57E-05	1.2442E-03
606707.8	4201308.22	45938.79566	0.01776	0.01791	0.07529	0.07661	0.10622	0.10505	1.16E-03	4.46E-06	4.56E-06	3.07E-05	3.11E-05	1.55E-05	1.53E-05	1.2260E-03
606727.8	4201308.22	45093.60996	0.01852	0.01866	0.07828	0.07969	0.10332	0.10216	1.13E-03	4.65E-06	4.75E-06	3.19E-05	3.23E-05	1.51E-05	1.49E-05	1.2076E-03
606747.8	4201308.22	44227.5107	0.01937	0.01952	0.08159	0.08309	0.10051	0.09936	1.11E-03	4.86E-06	4.97E-06	3.32E-05	3.37E-05	1.47E-05	1.45E-05	1.1889E-03
606767.8	4201308.22	43357.16402	0.02024	0.02038	0.08502	0.08661	0.09781	0.09667	1.09E-03	5.08E-06	5.19E-06	3.46E-05	3.51E-05	1.43E-05	1.41E-05	1.1703E-03
606787.8	4201308.22	42475.98326	0.02118	0.02131	0.08869	0.09037	0.0952	0.09407	1.07E-03	5.32E-06	5.42E-06	3.61E-05	3.67E-05	1.39E-05	1.37E-05	1.1517E-03
606807.8	4201308.22	41586.94965	0.02219	0.02232	0.09265	0.09444	0.09267	0.09156	1.05E-03	5.57E-06	5.68E-06	3.77E-05	3.83E-05	1.35E-05	1.33E-05	1.1331E-03
606827.8	4201308.22	40686.54817	0.02335	0.02347	0.09707	0.09897	0.09022	0.08912	1.02E-03	5.86E-06	5.97E-06	3.95E-05	4.01E-05	1.32E-05	1.30E-05	1.1147E-03
606847.8	4201308.22	39788.50074	0.02462	0.02473	0.10209	0.1044	0.08784	0.08676	1.00E-03	6.18E-06	6.29E-06	4.16E-05	4.23E-05	1.28E-05	1.26E-05	1.0970E-03
606867.8	4201308.22	38892.56869	0.02633	0.02643	0.10761	0.10976	0.08555	0.08448	9.78E-04	6.61E-06	6.72E-06	4.38E-05	4.45E-05	1.25E-05	1.23E-05	1.0797E-03
606887.8	4201308.22	38006.8643	0.02781	0.02794	0.11314	0.11546	0.08333	0.08228	9.56E-04	6.98E-06	7.11E-06	4.61E-05	4.68E-05	1.22E-05	1.20E-05	1.0628E-03
606907.8	4201308.22	37129.25556	0.02949	0.02962	0.11924	0.1218	0.08118	0.08015	9.34E-04	7.41E-06	7.54E-06	4.86E-05	4.94E-05	1.19E-05	1.17E-05	1.0466E-03
606927.8	4201308.22	36266.39123	0.03131	0.0314	0.1262	0.12906	0.0791	0.07809	9.12E-04	7.86E-06	7.99E-06	5.14E-05	5.24E-05	1.16E-05	1.14E-05	1.0316E-03
606947.8	4201308.22	35416.60888	0.03336	0.03342	0.13407	0.13732	0.07708	0.07609	8.91E-04	8.38E-06	8.50E-06	5.46E-05	5.57E-05	1.13E-05	1.11E-05	1.0178E-03
606967.8	4201308.22	34590.75302	0.03558	0.03561	0.14273	0.14635	0.07514	0.07416	8.70E-04	8.94E-06	9.06E-06	5.81E-05	5.94E-05	1.10E-05	1.08E-05	1.0053E-03
606987.8	4201308.22	33776.91347	0.03814	0.03815	0.15277	0.15694	0.07325	0.07229	8.49E-04	9.58E-06	9.71E-06	6.22E-05	6.37E-05	1.07E-05	1.05E-05	9.9455E-04
607007.8	4201308.22	32985.06689	0.04095	0.04094	0.16423	0.16903	0.07142	0.07048	8.29E-04	1.03E-05	1.04E-05	6.69E-05	6.86E-05	1.04E-05	1.03E-05	9.8563E-04
607027.8	4201308.22	32215.39909	0.04399	0.04401	0.17722	0.18282	0.06966	0.06873	8.10E-04	1.10E-05	1.12E-05	7.22E-05	7.42E-05	1.02E-05	1.00E-05	9.7870E-04
607047.8	4201308.22	31470.15759	0.04718	0.04728	0.19205	0.19855	0.06796	0.06705	7.91E-04	1.18E-05	1.20E-05	7.82E-05	8.05E-05	9.92E-06	9.77E-06	9.7402E-04
607067.8	4201308.22	30741.38136	0.05063	0.0509	0.20959	0.21719	0.06631	0.06542	7.73E-04	1.27E-05	1.30E-05	8.54E-05	8.81E-05	9.68E-06	9.54E-06	9.7218E-04
607087.8	4201308.22	30033.43263	0.05421	0.05474	0.2301	0.23926	0.06471	0.06384	7.55E-04	1.36E-05	1.39E-05	9.37E-05	9.71E-05	9.45E-06	9.31E-06	9.7356E-04
607107.8	4201308.22	29341.43703	0.05798	0.05888	0.25498	0.2661	0.06316	0.06231	7.38E-04	1.46E-05	1.50E-05	1.04E-04	1.08E-04	9.22E-06	9.08E-06	9.7918E-04
607127.8	4201308.22	28670.5142	0.06171	0.06311	0.2848	0.29851	0.06166	0.06083	7.21E-04	1.55E-05	1.61E-05	1.16E-04	1.21E-04	9.00E-06	8.87E-06	9.8962E-04
607147.8	4201308.22	28014.78269	0.06559	0.06759	0.32225	0.33948	0.06021	0.0594	7.04E-04	1.65E-05	1.72E-05	1.31E-04	1.38E-04	8.79E-06	8.66E-06	1.0071E-03
607167.8	4201308.22	27377.36643	0.06957	0.07219	0.36946	0.3914	0.0588	0.05801	6.88E-04	1.75E-05	1.84E-05	1.50E-04	1.59E-04	8.59E-06	8.46E-06	1.0335E-03
607187.8	4201308.22	26764.64532	0.07334	0.07647	0.42761	0.4563	0.05745	0.05668	6.73E-04	1.84E-05	1.95E-05	1.74E-04	1.85E-04	8.39E-06	8.26E-06	1.0702E-03
607207.8	4201308.22	26166.58742	0.07769	0.0812	0.50504	0.54345	0.05614	0.05538	6.58E-04	1.95E-05	2.07E-05	2.06E-04	2.20E-04	8.20E-06	8.07E-06	1.1243E-03
607227.8	4201308.22	25581.48815	0.08284	0.08675	0.61169	0.66554	0.05487	0.05413	6.43E-04	2.08E-05	2.21E-05	2.49E-04	2.70E-04	8.01E-06	7.89E-06	1.2053E-03
607247.8	4201308.22	25014.88569	0.08878	0.09309	0.76579	0.84623	0.05364	0.05291	6.29E-04	2.23E-05	2.37E-05	3.12E-04	3.43E-04	7.83E-06	7.71E-06	1.3302E-03
607267.8	4201308.22	24466.15686	0.09557	0.10049	1.00584	1.13766	0.05245	0.05174	6.15E-04	2.40E-05	2.56E-05	4.10E-04	4.61E-04	7.66E-06	7.54E-06	1.5360E-03
607287.8	4201308.22	23933.18899	0.10327	0.10905	1.42235	1.67258	0.0513	0.0506	6.02E-04	2.59E-05	2.77E-05	5.79E-04	6.78E-04	7.49E-06	7.38E-06	1.9133E-03
607307.8	4201308.22	23416.1193	0.11189	0.11877	2.26925	2.85812	0.05018	0.04951	5.89E-04	2.81E-05	3.02E-05	9.24E-04	1.16E-03	7.33E-06	7.22E-06	2.7308E-03
606527.8	4201328.22	50796.01254	0.01245	0.01257	0.0557	0.05649	0.142	0.14062	1.28E-03	3.13E-06	3.20E-06	2.27E-05	2.29E-05	2.07E-05	2.05E-05	1.3293E-03
606547.8	4201328.22	50096.57677	0.01289	0.01302	0.05746	0.05829	0.13768	0.13631	1.26E-03	3.24E-06	3.31E-06	2.34E-05	2.36E-05	2.01E-05	1.99E-05	1.3134E-03
606567.8	4201328.22	49383.74664	0.01339	0.01352	0.05938	0.06026	0.13355	0.13215	1.24E-03	3.36E-06	3.44E-06	2.42E-05	2.44E-05	1.95E-05	1.93E-05	1.2973E-03
606587.8	4201328.22	48653.39935	0.01394	0.01407	0.06147	0.06239	0.12955	0.12815	1.22E-03	3.50E-06	3.58E-06	2.50E-05	2.53E-05	1.89E-05	1.87E-05	1.2809E-03
606607.8	4201328.22	47921.54507	0.01451	0.01464	0.06362	0.06459	0.12569	0.1243	1.21E-03	3.64E-06	3.72E-06	2.59E-05	2.62E-05	1.84E-05	1.81E-05	1.2646E-03
606627.8	4201328.22	47187.4174	0.01506	0.01519	0.06577	0.0668	0.122	0.12061	1.19E-03	3.78E-06	3.86E-06	2.68E-05	2.71E-05	1.78E-05	1.76E-05	1.2481E-03
606647.8	4201328.22	46459.40334	0.0156	0.01572	0.06794	0.06904	0.11846	0.11709	1.17E-03	3.92E-06	4.00E-06	2.77E-05	2.80E-05	1.73E-05	1.71E-05	1.2319E-03
606667.8	4201328.22	45720.32219	0.01617	0.01629	0.07025	0.07142	0.11506	0.1137	1.15E-03	4.06E-06	4.14E-06	2.86E-05	2.90E-05	1.68E-05	1.66E-05	1.2155E-03
606687.8	4201328.22	44968.52934	0.01677	0.01689	0.07273	0.07398	0.11178	0.11044	1.13E-03	4.21E-06	4.30E-06	2.96E-05	3.00E-05	1.63E-05	1.61E-05	1.1990E-03
606707.8	4201328.22	44207.13161	0.01741	0.01752	0.07533	0.07667	0.10863	0.1073	1.11E-03	4.37E-06	4.46E-06	3.07E-05	3.11E-05	1.59E-05	1.56E-05	1.1823E-03
606727.8	4201328.22	43422.24791	0.01816	0.01826	0.0783	0.07974	0.10555	0.10424	1.09E-03	4.56E-06	4.65E-06	3.19E-05	3.23E-05	1.54E-05	1.52E-05	1.1654E-03
606747.8	4201328.22	42623.25466	0.01897	0.01907	0.08151	0.08304	0.10259	0.1013	1.07E-03	4.76E-06	4.85E-06	3.32E-05	3.37E-05	1.50E-05	1.48E-05	1.1483E-03
606767.8	4201328.22	41810.0245	0.01987	0.01997	0.08504	0.08666	0.09972	0.09845	1.05E-03	4.99E-06	5.08E-06	3.46E-05	3.52E-05	1.46E-05	1.43E-05	1.1312E-03
606787.8	4201328.22	40991.04889	0.0208	0.02089	0.08873	0.09046	0.09696	0.09571	1.03E-03	5.22E-06	5.31E-06	3.61E-05	3.67E-05	1.42E-05	1.40E-05	1.1142E-03
606807.8	4201328.22	40168.72803	0.02179	0.02187	0.09265	0.09448	0.09431	0.09308	1.01E-03	5.47E-06	5.56E-06	3.77E-05	3.83E-05	1.38E-05	1.36E-05	1.0972E-03
606827.8	4201328.22	39338.3968	0.02288	0.02295	0.09694	0.09893	0.09174	0.09053	9.89E-04	5.75E-06	5.84E-06	3.95E-05	4.01E-05	1.34E-05	1.32E-05	1.0804E-03
606847.8	4201328.22	38504.28695	0.02411	0.02417	0.10191	0.10429	0.08926	0.08807	9.68E-04	6.06E-06	6.15E-06	4.15E-05	4.23E-05	1.30E-05	1.28E-05	1.0643E-03
606867.8	4201328.22	37671.9849	0.02571	0.02574	0.10746	0.10968	0.08686	0.08569	9.47E-04	6.46E-06	6.55E-06	4.38E-05	4.45E-05	1.27E-05	1.25E-05	1.0486E-03
606887.8	4201328.22	36843.9159	0.0272	0.02727	0.11306	0.11544	0.08454	0.08339	9.27E-04	6.83E-06	6.94E-06	4.61E-05	4.68E-05	1.23E-05	1.22E-05	1.0332E-03
606907.8	4201328.22	36026.34236	0.02883	0.02886	0.11913	0.12173	0.0823	0.08118	9.06E-04	7.24E-06	7.34E-06	4.85E-05	4.94E-05	1.20E-05	1.18E-05	1.0184E-03
606927.8	4201328.22	35218.30183	0.03061	0.03061	0.12598	0.12886	0.08014	0.07904	8.86E-04	7.69E-06	7.79E-06	5.13E-05	5.23E-05	1.17E-05	1.15E-05	1.0047E-03
606947.8	4201328.22	34422.36825	0.0326	0.03258	0.13377	0.137	0.07804	0.07696	8.66E-04	8.19E-06	8.29E-06	5.45E-05	5.56E-05	1.14E-05	1.12E-05	9.9215E-04
606967.8	4201328.22	33641.97697	0.0348	0.03475	0.14243	0.14612	0.07602	0.07496	8.46E-04	8.74E-06	8.84E-06	5.80E-05	5.93E-05	1.11E-05	1.09E-05	9.8085E-04
606987.8	4201328.22	32879.16098	0.03721	0.03716	0.15239	0.15657	0.07406	0.07303	8.27E-04	9.35E-06	9.45E-06	6.21E-05	6.35E-05	1.08E-05	1.06E-05	9.7119E-04
607007.8	4201328.22	32131.5553	0.03988	0.03984	0.16379	0.16859	0.07217	0.07116	8.08E-04	1.00E-05	1.01E-05	6.67E-05	6.84E-05	1.05E-05	1.04E-05	9.6326E-04
607027.8	4201328.22	31402.51103	0.04275	0.04277	0.17685	0.18242	0.07034	0.06935	7.90E-04	1.07E-05	1.09E-05	7.20E-05	7.40E-05	1.03E-05	1.01E-05	9.5732E-04
607047.8	4201328.22	30700.42439	0.04563	0.04577	0.19152	0.19799	0.06859	0.06762	7.72E-04	1.15E-05	1.16E-05	7.80E-05	8.03E-05	1.00E-05	9.86E-06	9.5344E-04
607067.8	4201328.22	30011.2404	0.04871	0.04906	0.20906	0.21661	0.06688	0.06594	7.55E-04	1.22E-05	1.25E-05	8.52E-05	8.79E-05	9.77E-06	9.61E-06	9.5242E-04
607087.8	4201328.22	29336.34107	0.05195	0.0526	0.23008	0.23923	0.06523	0.06431	7.38E-04	1.30E-05	1.34E-05	9.37E-05	9.70E-05	9.53E-06	9.37E-06	9.5490E-04
607107.8	4201328.22	28680.65049	0.05518	0.05623	0.25517	0.2664	0.06363	0.06273	7.21E-04	1.39E-05	1.43E-05	1.04E-04	1.08E-04	9.29E-06	9.14E-06	9.6139E-04
607127.8	4201328.22	28039.0498	0.05852	0.06006	0.28624	0.30028	0.06208	0.0612	7.05E-04	1.47E-05	1.53E-05	1.17E-04	1.22E-04	9.07E-06	8.92E-06	9.7347E-04
607147.8	4201328.22	27414.45181	0.06182	0.06393	0.32419	0.34159	0.06058	0.05973	6.89E-04	1.55E-05	1.63E-05	1.32E-04	1.39E-04	8.85E-06	8.71E-06	9.9179E-04
607167.8	4201328.22	26808.06443	0.06493	0.06751	0.37016	0.39253	0.05914	0.0583	6.74E-04	1.63E-05	1.72E-05	1.51E-04	1.59E-04	8.64E-06	8.50E-06	1.0176E-03
607187.8	4201328.22	26227.34356	0.06815	0.07106	0.42831	0.45782	0.05776	0.05694	6.60E-04	1.71E-05	1.81E-05	1.74E-04	1.86E-04	8.43E-06	8.30E-06	1.0549E-03
607207.8	4201328.22	25662.1753	0.07184	0.07496	0.50495	0.5451	0.05642	0.05563	6.45E-04	1.80E-05	1.91E-05	2.06E-04	2.21E-04	8.24E-06	8.11E-06	1.1092E-03
607227.8	4201328.22	25107.33104	0.07625	0.07957	0.61066	0.66734	0.05513	0.05435	6.31E-04	1.91E-05	2.02E-05	2.49E-04	2.71E-04	8.05E-06	7.92E-06	1.1902E-03
607247.8	4201328.22	24568.05127	0.08136	0.08502	0.76392	0.84844	0.05387	0.05312	6.18E-04	2.04E-05	2.16E-05	3.11E-04	3.44E-04	7.87E-06	7.74E-06	1.3152E-03
607267.8	4201328.22	24043.62376	0.08714	0.09133	1.00369	1.14056	0.05266	0.05192	6.05E-04	2.19E-05	2.32E-05	4.09E-04	4.63E-04	7.69E-06	7.57E-06	1.5212E-03
607287.8	4201328.22	23536.9656	0.0936	0.09844	1.42281	1.67688	0.05149	0.05077	5.92E-04	2.35E-05	2.50E-05	5.80E-04	6.80E-04	7.52E-06	7.40E-06	1.9002E-03
607307.8	4201328.22	23041.53433	0.10081	0.1065	2.28533	2.86435	0.05035	0.04965	5.79E-04	2.53E-05	2.71E-05	9.31E-04	1.16E-03	7.35E-06	7.24E-06	2.7246E-03
606527.8	4201348.22	48745.46806	0.01219	0.0123	0.05583	0.05664	0.14657	0.1449	1.23E-03	3.06E-06	3.13E-06	2.27E-05	2.30E-05	2.14E-05	2.11E-05	1.2777E-03
606547.8	4201348.22	48079.83078	0.01269	0.0128	0.05776	0.05861	0.1419	0.14022	1.21E-03	3.19E-06	3.26E-06	2.35E-05	2.38E-05	2.07E-05	2.04E-05	1.2628E-03
606567.8	4201348.22	47396.21519	0.01325	0.01336	0.05986	0.06075	0.13739	0.13574	1.19E-03	3.33E-06	3.40E-06	2.44E-05	2.46E-05	2.01E-05	1.98E-05	1.2476E-03
606587.8	4201348.22	46707.73727	0.01381	0.01392	0.06196	0.0629	0.13307	0.13143	1.17E-03	3.47E-06	3.54E-06	2.52E-05	2.55E-05	1.94E-05	1.92E-05	1.2323E-03
606607.8	4201348.22	46020.01089	0.01438	0.01449	0.0641	0.06509	0.12892	0.12731	1.16E-03	3.61E-06	3.69E-06	2.61E-05	2.64E-05	1.88E-05	1.86E-05	1.2171E-03
606627.8	4201348.22	45336.98364	0.01492	0.01502	0.06622	0.06728	0.12499	0.1234	1.14E-03	3.75E-06	3.82E-06	2.70E-05	2.73E-05	1.83E-05	1.80E-05	1.2019E-03
606647.8	4201348.22	44659.49262	0.01544	0.01555	0.06837	0.06949	0.12124	0.11967	1.12E-03	3.88E-06	3.96E-06	2.78E-05	2.82E-05	1.77E-05	1.74E-05	1.1869E-03
606667.8	4201348.22	43972.79474	0.016	0.0161	0.07065	0.07185	0.11764	0.11609	1.11E-03	4.02E-06	4.10E-06	2.88E-05	2.91E-05	1.72E-05	1.69E-05	1.1718E-03
606687.8	4201348.22	43274.13587	0.0166	0.01669	0.0731	0.07438	0.11416	0.11264	1.09E-03	4.17E-06	4.25E-06	2.98E-05	3.02E-05	1.67E-05	1.64E-05	1.1566E-03
606707.8	4201348.22	42571.4451	0.0172	0.01728	0.07563	0.07699	0.11084	0.10935	1.07E-03	4.32E-06	4.40E-06	3.08E-05	3.12E-05	1.62E-05	1.59E-05	1.1413E-03
606727.8	4201348.22	41853.33624	0.01787	0.01794	0.07838	0.07984	0.10763	0.10617	1.05E-03	4.49E-06	4.56E-06	3.19E-05	3.24E-05	1.57E-05	1.55E-05	1.1258E-03
606747.8	4201348.22	41118.90725	0.01861	0.01868	0.08142	0.08298	0.10453	0.10309	1.03E-03	4.67E-06	4.75E-06	3.32E-05	3.37E-05	1.53E-05	1.50E-05	1.1103E-03
606767.8	4201348.22	40361.91255	0.0195	0.01957	0.08494	0.0866	0.10151	0.1001	1.01E-03	4.90E-06	4.98E-06	3.46E-05	3.51E-05	1.48E-05	1.46E-05	1.0946E-03
606787.8	4201348.22	39598.64987	0.02044	0.02049	0.08867	0.09043	0.09861	0.09723	9.96E-04	5.13E-06	5.21E-06	3.61E-05	3.67E-05	1.44E-05	1.42E-05	1.0789E-03
606807.8	4201348.22	38825.84019	0.02149	0.02153	0.09296	0.0951	0.09581	0.09446	9.76E-04	5.40E-06	5.48E-06	3.79E-05	3.86E-05	1.40E-05	1.38E-05	1.0637E-03
606827.8	4201348.22	38058.33762	0.02253	0.02256	0.09714	0.09941	0.09314	0.09181	9.57E-04	5.66E-06	5.74E-06	3.96E-05	4.03E-05	1.36E-05	1.34E-05	1.0483E-03
606847.8	4201348.22	37286.46124	0.02384	0.02371	0.1018	0.1042	0.09055	0.08926	9.38E-04	5.99E-06	6.03E-06	4.15E-05	4.23E-05	1.32E-05	1.30E-05	1.0334E-03
606867.8	4201348.22	36510.95075	0.02522	0.02522	0.10725	0.1095	0.08805	0.08678	9.18E-04	6.33E-06	6.42E-06	4.37E-05	4.44E-05	1.29E-05	1.26E-05	1.0190E-03
606887.8	4201348.22	35738.63722	0.02666	0.02666	0.11285	0.11528	0.08564	0.0844	8.99E-04	6.70E-06	6.78E-06	4.60E-05	4.68E-05	1.25E-05	1.23E-05	1.0049E-03
606907.8	4201348.22	34974.31527	0.02825	0.02822	0.11889	0.12153	0.08332	0.08211	8.79E-04	7.09E-06	7.18E-06	4.84E-05	4.93E-05	1.22E-05	1.20E-05	9.9149E-04
606927.8	4201348.22	34217.31613	0.03	0.02994	0.12572	0.12863	0.08107	0.07989	8.60E-04	7.53E-06	7.62E-06	5.12E-05	5.22E-05	1.18E-05	1.16E-05	9.7899E-04
606947.8	4201348.22	33471.6389	0.03192	0.03183	0.13336	0.1366	0.07891	0.07775	8.42E-04	8.02E-06	8.10E-06	5.43E-05	5.54E-05	1.15E-05	1.13E-05	9.6755E-04
606967.8	4201348.22	32737.73717	0.03403	0.03394	0.14196	0.14567	0.07681	0.07569	8.23E-04	8.55E-06	8.64E-06	5.78E-05	5.91E-05	1.12E-05	1.10E-05	9.5734E-04
606987.8	4201348.22	32020.59492	0.0363	0.03622	0.15161	0.15573	0.0748	0.0737	8.05E-04	9.12E-06	9.22E-06	6.18E-05	6.32E-05	1.09E-05	1.07E-05	9.4847E-04
607007.8	4201348.22	31316.3862	0.03876	0.03873	0.16282	0.16757	0.07284	0.07177	7.88E-04	9.73E-06	9.85E-06	6.63E-05	6.80E-05	1.06E-05	1.05E-05	9.4139E-04
607027.8	4201348.22	30620.72517	0.04148	0.04154	0.17606	0.18158	0.07094	0.0699	7.70E-04	1.04E-05	1.06E-05	7.17E-05	7.37E-05	1.04E-05	1.02E-05	9.3637E-04
607047.8	4201348.22	29952.24241	0.04414	0.04437	0.19085	0.19724	0.06913	0.06811	7.53E-04	1.11E-05	1.13E-05	7.77E-05	8.00E-05	1.01E-05	9.93E-06	9.3332E-04
607067.8	4201348.22	29293.14334	0.04699	0.04746	0.20884	0.21633	0.06736	0.06637	7.37E-04	1.18E-05	1.21E-05	8.51E-05	8.78E-05	9.84E-06	9.67E-06	9.3332E-04
607087.8	4201348.22	28653.00413	0.04982	0.05061	0.23002	0.23917	0.06566	0.0647	7.21E-04	1.25E-05	1.29E-05	9.37E-05	9.70E-05	9.59E-06	9.43E-06	9.3663E-04
607107.8	4201348.22	28029.70572	0.05263	0.05382	0.25556	0.26683	0.06402	0.06308	7.05E-04	1.32E-05	1.37E-05	1.04E-04	1.08E-04	9.35E-06	9.19E-06	9.4410E-04
607127.8	4201348.22	27417.79748	0.05542	0.05709	0.28654	0.30036	0.06243	0.06151	6.89E-04	1.39E-05	1.45E-05	1.17E-04	1.22E-04	9.12E-06	8.97E-06	9.5646E-04
607147.8	4201348.22	26826.72893	0.05793	0.06	0.32315	0.34048	0.0609	0.06	6.75E-04	1.45E-05	1.53E-05	1.32E-04	1.38E-04	8.89E-06	8.75E-06	9.7416E-04
607167.8	4201348.22	26253.02684	0.06049	0.06286	0.36845	0.3908	0.05942	0.05855	6.60E-04	1.52E-05	1.60E-05	1.50E-04	1.59E-04	8.68E-06	8.53E-06	9.9997E-04
607187.8	4201348.22	25699.15186	0.06332	0.06588	0.42602	0.45569	0.05801	0.05716	6.46E-04	1.59E-05	1.68E-05	1.74E-04	1.85E-04	8.47E-06	8.33E-06	1.0373E-03
607207.8	4201348.22	25163.58873	0.0666	0.06928	0.5016	0.54242	0.05665	0.05583	6.33E-04	1.67E-05	1.76E-05	2.04E-04	2.20E-04	8.27E-06	8.14E-06	1.0915E-03
607227.8	4201348.22	24638.32752	0.07048	0.07331	0.60518	0.66373	0.05533	0.05453	6.20E-04	1.77E-05	1.87E-05	2.46E-04	2.69E-04	8.08E-06	7.95E-06	1.1717E-03
607247.8	4201348.22	24124.44732	0.07492	0.07805	0.75487	0.84369	0.05406	0.05327	6.07E-04	1.88E-05	1.99E-05	3.07E-04	3.42E-04	7.89E-06	7.76E-06	1.2950E-03
607267.8	4201348.22	23625.52907	0.07989	0.08345	0.98814	1.13428	0.05282	0.05206	5.94E-04	2.01E-05	2.12E-05	4.02E-04	4.60E-04	7.71E-06	7.59E-06	1.4980E-03
607287.8	4201348.22	23143.01113	0.08538	0.08949	1.39543	1.6688	0.05164	0.05089	5.82E-04	2.14E-05	2.28E-05	5.68E-04	6.77E-04	7.54E-06	7.42E-06	1.8715E-03
607307.8	4201348.22	22669.62098	0.09148	0.09625	2.23712	2.85457	0.05048	0.04976	5.70E-04	2.30E-05	2.45E-05	9.11E-04	1.16E-03	7.37E-06	7.25E-06	2.6867E-03
606527.8	4201368.22	46806.8626	0.01208	0.01217	0.0563	0.05714	0.15086	0.14887	1.18E-03	3.03E-06	3.10E-06	2.29E-05	2.32E-05	2.20E-05	2.17E-05	1.2293E-03
606547.8	4201368.22	46159.07142	0.01266	0.01275	0.05846	0.05933	0.14578	0.14383	1.16E-03	3.18E-06	3.24E-06	2.38E-05	2.41E-05	2.13E-05	2.10E-05	1.2151E-03
606567.8	4201368.22	45517.0695	0.0132	0.01329	0.06049	0.0614	0.14094	0.13902	1.14E-03	3.32E-06	3.38E-06	2.46E-05	2.49E-05	2.06E-05	2.03E-05	1.2008E-03
606587.8	4201368.22	44881.29011	0.01372	0.01381	0.06246	0.06349	0.13635	0.13448	1.13E-03	3.45E-06	3.51E-06	2.54E-05	2.58E-05	1.99E-05	1.96E-05	1.1868E-03
606607.8	4201368.22	44244.57904	0.01451	0.01458	0.06489	0.06589	0.13198	0.13014	1.11E-03	3.64E-06	3.71E-06	2.64E-05	2.67E-05	1.93E-05	1.90E-05	1.1731E-03
606627.8	4201368.22	43597.18462	0.01517	0.01528	0.0671	0.06816	0.12778	0.12598	1.10E-03	3.81E-06	3.89E-06	2.73E-05	2.76E-05	1.87E-05	1.84E-05	1.1590E-03
606647.8	4201368.22	42959.21445	0.01573	0.01584	0.06932	0.07044	0.1238	0.12203	1.08E-03	3.95E-06	4.03E-06	2.82E-05	2.86E-05	1.81E-05	1.78E-05	1.1451E-03
606667.8	4201368.22	42323.52387	0.01626	0.01636	0.0716	0.07279	0.12	0.11827	1.06E-03	4.08E-06	4.16E-06	2.92E-05	2.95E-05	1.75E-05	1.72E-05	1.1312E-03
606687.8	4201368.22	41680.35128	0.01678	0.01687	0.074	0.07529	0.11637	0.11467	1.05E-03	4.21E-06	4.29E-06	3.01E-05	3.05E-05	1.70E-05	1.67E-05	1.1173E-03
606707.8	4201368.22	41027.9057	0.01732	0.01735	0.07652	0.07789	0.11288	0.11122	1.03E-03	4.35E-06	4.41E-06	3.12E-05	3.16E-05	1.65E-05	1.62E-05	1.1032E-03
606727.8	4201368.22	40372.75052	0.01766	0.01771	0.07861	0.0801	0.10954	0.10792	1.02E-03	4.44E-06	4.51E-06	3.20E-05	3.25E-05	1.60E-05	1.57E-05	1.0887E-03
606747.8	4201368.22	39698.94449	0.01834	0.01838	0.08145	0.08304	0.10631	0.10473	9.98E-04	4.61E-06	4.68E-06	3.32E-05	3.37E-05	1.55E-05	1.53E-05	1.0744E-03
606767.8	4201368.22	39000.19335	0.01917	0.0192	0.0848	0.08649	0.10317	0.10163	9.81E-04	4.81E-06	4.88E-06	3.45E-05	3.51E-05	1.51E-05	1.48E-05	1.0601E-03
606787.8	4201368.22	38283.94232	0.02013	0.02015	0.08865	0.09056	0.10012	0.09861	9.63E-04	5.06E-06	5.13E-06	3.61E-05	3.67E-05	1.46E-05	1.44E-05	1.0457E-03
606807.8	4201368.22	37564.51594	0.02135	0.02131	0.09321	0.09512	0.0972	0.09573	9.45E-04	5.36E-06	5.42E-06	3.80E-05	3.86E-05	1.42E-05	1.40E-05	1.0320E-03
606827.8	4201368.22	36847.07521	0.02241	0.02241	0.09748	0.09948	0.09441	0.09297	9.27E-04	5.63E-06	5.70E-06	3.97E-05	4.04E-05	1.38E-05	1.36E-05	1.0180E-03
606847.8	4201368.22	36123.9375	0.02359	0.02359	0.10215	0.10429	0.09171	0.09031	9.08E-04	5.92E-06	6.00E-06	4.16E-05	4.23E-05	1.34E-05	1.32E-05	1.0042E-03
606867.8	4201368.22	35401.64473	0.02486	0.02485	0.10718	0.10946	0.08912	0.08776	8.90E-04	6.24E-06	6.32E-06	4.37E-05	4.44E-05	1.30E-05	1.28E-05	9.9086E-04
606887.8	4201368.22	34679.84289	0.02629	0.02624	0.11269	0.1151	0.08662	0.08529	8.72E-04	6.60E-06	6.68E-06	4.59E-05	4.67E-05	1.26E-05	1.24E-05	9.7795E-04
606907.8	4201368.22	33964.35959	0.02782	0.02774	0.11872	0.12139	0.08422	0.08292	8.54E-04	6.99E-06	7.06E-06	4.84E-05	4.92E-05	1.23E-05	1.21E-05	9.6574E-04
606927.8	4201368.22	33255.86213	0.02951	0.02941	0.12543	0.12837	0.0819	0.08064	8.36E-04	7.41E-06	7.48E-06	5.11E-05	5.21E-05	1.20E-05	1.18E-05	9.5433E-04
606947.8	4201368.22	32556.66661	0.03135	0.03123	0.13292	0.13624	0.07967	0.07844	8.19E-04	7.87E-06	7.95E-06	5.41E-05	5.53E-05	1.16E-05	1.14E-05	9.4392E-04
606967.8	4201368.22	31872.00274	0.0333	0.03319	0.14127	0.1449	0.07752	0.07633	8.01E-04	8.36E-06	8.44E-06	5.75E-05	5.88E-05	1.13E-05	1.11E-05	9.3460E-04
606987.8	4201368.22	31193.57582	0.03545	0.03537	0.1508	0.1549	0.07544	0.07428	7.84E-04	8.90E-06	9.00E-06	6.14E-05	6.28E-05	1.10E-05	1.08E-05	9.2658E-04
607007.8	4201368.22	30530.7043	0.03768	0.03768	0.1617	0.1664	0.07344	0.0723	7.68E-04	9.46E-06	9.59E-06	6.59E-05	6.75E-05	1.07E-05	1.05E-05	9.2016E-04
607027.8	4201368.22	29866.24386	0.04022	0.04035	0.17508	0.18056	0.07147	0.07037	7.51E-04	1.01E-05	1.03E-05	7.13E-05	7.32E-05	1.04E-05	1.03E-05	9.1596E-04
607047.8	4201368.22	29224.35174	0.04271	0.04305	0.19026	0.19646	0.06959	0.06852	7.35E-04	1.07E-05	1.10E-05	7.75E-05	7.97E-05	1.02E-05	9.99E-06	9.1377E-04
607067.8	4201368.22	28590.75229	0.04538	0.04598	0.20882	0.21635	0.06776	0.06672	7.19E-04	1.14E-05	1.17E-05	8.51E-05	8.78E-05	9.90E-06	9.72E-06	9.1488E-04
607087.8	4201368.22	27978.88175	0.04793	0.04888	0.23061	0.23957	0.06601	0.06499	7.04E-04	1.20E-05	1.24E-05	9.39E-05	9.72E-05	9.64E-06	9.47E-06	9.1916E-04
607107.8	4201368.22	27391.62556	0.0501	0.05142	0.25515	0.26604	0.06434	0.06335	6.89E-04	1.26E-05	1.31E-05	1.04E-04	1.08E-04	9.40E-06	9.23E-06	9.2632E-04
607127.8	4201368.22	26817.4341	0.05219	0.05385	0.28474	0.29812	0.06272	0.06176	6.74E-04	1.31E-05	1.37E-05	1.16E-04	1.21E-04	9.16E-06	9.00E-06	9.3809E-04
607147.8	4201368.22	26254.86154	0.05427	0.05622	0.3208	0.33757	0.06116	0.06022	6.60E-04	1.36E-05	1.43E-05	1.31E-04	1.37E-04	8.93E-06	8.78E-06	9.5576E-04
607167.8	4201368.22	25708.0522	0.05649	0.05862	0.36534	0.38689	0.05965	0.05874	6.46E-04	1.42E-05	1.49E-05	1.49E-04	1.57E-04	8.71E-06	8.56E-06	9.8132E-04
607187.8	4201368.22	25177.79435	0.05901	0.06122	0.42179	0.45036	0.0582	0.05732	6.33E-04	1.48E-05	1.56E-05	1.72E-04	1.83E-04	8.50E-06	8.35E-06	1.0180E-03
607207.8	4201368.22	24667.9267	0.06198	0.06426	0.49573	0.53516	0.05682	0.05596	6.20E-04	1.56E-05	1.63E-05	2.02E-04	2.17E-04	8.30E-06	8.16E-06	1.0712E-03
607227.8	4201368.22	24171.89747	0.06542	0.06785	0.59648	0.65371	0.05549	0.05465	6.08E-04	1.64E-05	1.73E-05	2.43E-04	2.65E-04	8.10E-06	7.97E-06	1.1497E-03
607247.8	4201368.22	23684.88198	0.06931	0.07201	0.74095	0.82928	0.05419	0.05338	5.96E-04	1.74E-05	1.83E-05	3.02E-04	3.36E-04	7.91E-06	7.78E-06	1.2695E-03
607267.8	4201368.22	23208.84965	0.07362	0.07669	0.9635	1.11208	0.05294	0.05215	5.84E-04	1.85E-05	1.95E-05	3.92E-04	4.51E-04	7.73E-06	7.60E-06	1.4652E-03
607287.8	4201368.22	22749.77734	0.07836	0.08185	1.34641	1.6324	0.05174	0.05097	5.72E-04	1.97E-05	2.08E-05	5.48E-04	6.62E-04	7.56E-06	7.43E-06	1.8232E-03
607307.8	4201368.22	22299.93277	0.08355	0.08758	2.11922	2.78616	0.05057	0.04983	5.61E-04	2.10E-05	2.23E-05	8.63E-04	1.13E-03	7.38E-06	7.26E-06	2.5974E-03
606527.8	4201388.22	44905.84436	0.01228	0.01236	0.05756	0.05847	0.15458	0.15231	1.13E-03	3.08E-06	3.14E-06	2.34E-05	2.37E-05	2.26E-05	2.22E-05	1.1826E-03
606547.8	4201388.22	44308.17224	0.01311	0.01319	0.05979	0.06067	0.14921	0.14699	1.11E-03	3.29E-06	3.36E-06	2.44E-05	2.46E-05	2.18E-05	2.14E-05	1.1698E-03
606567.8	4201388.22	43722.34305	0.01359	0.01368	0.06162	0.06254	0.14415	0.14198	1.10E-03	3.41E-06	3.48E-06	2.51E-05	2.54E-05	2.11E-05	2.07E-05	1.1568E-03
606587.8	4201388.22	43150.2049	0.01403	0.01412	0.06342	0.06439	0.13938	0.13726	1.09E-03	3.52E-06	3.59E-06	2.58E-05	2.61E-05	2.04E-05	2.00E-05	1.1442E-03
606607.8	4201388.22	42574.57011	0.01448	0.01458	0.06533	0.06635	0.13482	0.13275	1.07E-03	3.64E-06	3.71E-06	2.66E-05	2.69E-05	1.97E-05	1.93E-05	1.1315E-03
606627.8	4201388.22	41982.4011	0.01499	0.01509	0.06742	0.0685	0.13043	0.12841	1.06E-03	3.76E-06	3.84E-06	2.75E-05	2.78E-05	1.90E-05	1.87E-05	1.1186E-03
606647.8	4201388.22	41385.16721	0.01553	0.01562	0.06962	0.07077	0.12623	0.12427	1.04E-03	3.90E-06	3.97E-06	2.84E-05	2.87E-05	1.84E-05	1.81E-05	1.1056E-03
606667.8	4201388.22	40781.24907	0.01609	0.0162	0.07194	0.07317	0.12221	0.1203	1.03E-03	4.04E-06	4.12E-06	2.93E-05	2.97E-05	1.78E-05	1.75E-05	1.0927E-03
606687.8	4201388.22	40176.25416	0.01667	0.01677	0.07443	0.07575	0.11838	0.11652	1.01E-03	4.19E-06	4.27E-06	3.03E-05	3.07E-05	1.73E-05	1.70E-05	1.0798E-03
606707.8	4201388.22	39568.22589	0.01727	0.01736	0.07702	0.07843	0.11472	0.11291	9.95E-04	4.34E-06	4.42E-06	3.14E-05	3.18E-05	1.68E-05	1.65E-05	1.0670E-03
606727.8	4201388.22	38961.069	0.01787	0.01794	0.07966	0.08117	0.11124	0.10947	9.80E-04	4.49E-06	4.56E-06	3.24E-05	3.29E-05	1.62E-05	1.60E-05	1.0542E-03
606747.8	4201388.22	38354.49423	0.01814	0.01816	0.08163	0.08325	0.10793	0.1062	9.64E-04	4.56E-06	4.62E-06	3.32E-05	3.38E-05	1.58E-05	1.55E-05	1.0407E-03
606767.8	4201388.22	37710.24313	0.01891	0.01892	0.0848	0.08653	0.10467	0.10299	9.48E-04	4.75E-06	4.81E-06	3.45E-05	3.51E-05	1.53E-05	1.50E-05	1.0275E-03
606787.8	4201388.22	37040.25929	0.02004	0.0199	0.08895	0.09096	0.10149	0.09986	9.31E-04	5.03E-06	5.06E-06	3.62E-05	3.69E-05	1.48E-05	1.46E-05	1.0147E-03
606807.8	4201388.22	36373.51082	0.02103	0.021	0.0931	0.09503	0.09847	0.09688	9.15E-04	5.28E-06	5.34E-06	3.79E-05	3.85E-05	1.44E-05	1.41E-05	1.0018E-03
606827.8	4201388.22	35700.69653	0.0221	0.02209	0.0974	0.09947	0.09556	0.09402	8.98E-04	5.55E-06	5.62E-06	3.97E-05	4.03E-05	1.40E-05	1.37E-05	9.8895E-04
606847.8	4201388.22	35022.43257	0.02329	0.02326	0.10211	0.10429	0.09276	0.09126	8.81E-04	5.85E-06	5.92E-06	4.16E-05	4.23E-05	1.35E-05	1.33E-05	9.7636E-04
606867.8	4201388.22	34342.79083	0.02458	0.02452	0.10718	0.1095	0.09006	0.08861	8.64E-04	6.17E-06	6.24E-06	4.37E-05	4.44E-05	1.32E-05	1.29E-05	9.6410E-04
606887.8	4201388.22	33667.06235	0.02596	0.02588	0.11265	0.11515	0.08748	0.08606	8.47E-04	6.52E-06	6.58E-06	4.59E-05	4.67E-05	1.28E-05	1.25E-05	9.5232E-04
606907.8	4201388.22	32995.37767	0.02747	0.02737	0.11865	0.12136	0.085	0.08362	8.30E-04	6.90E-06	6.96E-06	4.83E-05	4.92E-05	1.24E-05	1.22E-05	9.4115E-04
606927.8	4201388.22	32332.12934	0.0291	0.02897	0.12525	0.12822	0.08261	0.08128	8.13E-04	7.31E-06	7.37E-06	5.10E-05	5.20E-05	1.21E-05	1.18E-05	9.3076E-04
606947.8	4201388.22	31677.54407	0.03084	0.03071	0.13259	0.13588	0.08032	0.07902	7.97E-04	7.75E-06	7.81E-06	5.40E-05	5.51E-05	1.17E-05	1.15E-05	9.2127E-04
606967.8	4201388.22	31033.77365	0.03267	0.03257	0.14077	0.14442	0.07812	0.07686	7.80E-04	8.20E-06	8.29E-06	5.73E-05	5.86E-05	1.14E-05	1.12E-05	9.1281E-04
606987.8	4201388.22	30398.78257	0.0346	0.03456	0.15004	0.15418	0.076	0.07477	7.64E-04	8.69E-06	8.79E-06	6.11E-05	6.25E-05	1.11E-05	1.09E-05	9.0557E-04
607007.8	4201388.22	29768.6049	0.03667	0.03673	0.16076	0.16543	0.07393	0.07274	7.49E-04	9.21E-06	9.34E-06	6.55E-05	6.71E-05	1.08E-05	1.06E-05	8.9972E-04
607027.8	4201388.22	29119.64102	0.03919	0.03943	0.17495	0.18022	0.07187	0.07072	7.32E-04	9.84E-06	1.00E-05	7.13E-05	7.31E-05	1.05E-05	1.03E-05	8.9650E-04
607047.8	4201388.22	28505.89905	0.0415	0.04196	0.19046	0.19676	0.06994	0.06882	7.17E-04	1.04E-05	1.07E-05	7.76E-05	7.98E-05	1.02E-05	1.00E-05	8.9532E-04
607067.8	4201388.22	27904.14758	0.04377	0.04453	0.20885	0.21624	0.06807	0.06698	7.02E-04	1.10E-05	1.13E-05	8.51E-05	8.77E-05	9.94E-06	9.76E-06	8.9681E-04
607087.8	4201388.22	27327.15088	0.04567	0.04673	0.22939	0.23814	0.06629	0.06523	6.87E-04	1.15E-05	1.19E-05	9.34E-05	9.66E-05	9.68E-06	9.51E-06	9.0058E-04
607107.8	4201388.22	26771.39191	0.04744	0.04879	0.25342	0.26391	0.06459	0.06356	6.73E-04	1.19E-05	1.24E-05	1.03E-04	1.07E-04	9.43E-06	9.26E-06	9.0782E-04
607127.8	4201388.22	26228.71242	0.04915	0.05076	0.28227	0.29508	0.06295	0.06195	6.60E-04	1.23E-05	1.29E-05	1.15E-04	1.20E-04	9.19E-06	9.03E-06	9.1950E-04
607147.8	4201388.22	25695.96744	0.05092	0.05271	0.31748	0.33339	0.06136	0.06039	6.46E-04	1.28E-05	1.34E-05	1.29E-04	1.35E-04	8.96E-06	8.80E-06	9.3692E-04
607167.8	4201388.22	25175.98132	0.05288	0.05476	0.36096	0.38127	0.05983	0.05889	6.33E-04	1.33E-05	1.39E-05	1.47E-04	1.55E-04	8.74E-06	8.58E-06	9.6199E-04
607187.8	4201388.22	24670.40666	0.05517	0.05708	0.41595	0.44261	0.05835	0.05744	6.20E-04	1.39E-05	1.45E-05	1.69E-04	1.80E-04	8.52E-06	8.37E-06	9.9772E-04
607207.8	4201388.22	24178.48168	0.05789	0.05984	0.48758	0.52396	0.05693	0.05604	6.08E-04	1.45E-05	1.52E-05	1.99E-04	2.13E-04	8.31E-06	8.17E-06	1.0489E-03
607227.8	4201388.22	23708.88996	0.06096	0.06305	0.58509	0.63756	0.05558	0.05472	5.96E-04	1.53E-05	1.60E-05	2.38E-04	2.59E-04	8.12E-06	7.98E-06	1.1245E-03

607247.8	4201388.22	23246.0998	0.06439	0.06673	0.72364	0.80433	0.05427	0.05343	5.85E-04	1.62E-05	1.70E-05	2.95E-04	3.26E-04	7.93E-06	7.79E-06	1.2387E-03
607267.8	4201388.22	22796.97408	0.06816	0.07081	0.93522	1.07164	0.05301	0.0522	5.73E-04	1.71E-05	1.80E-05	3.81E-04	4.35E-04	7.74E-06	7.61E-06	1.4240E-03
607287.8	4201388.22	22362.28175	0.07226	0.07528	1.29256	1.55898	0.0518	0.05101	5.62E-04	1.81E-05	1.92E-05	5.26E-04	6.32E-04	7.56E-06	7.43E-06	1.7585E-03
607307.8	4201388.22	21932.03458	0.07677	0.08021	1.98836	2.62369	0.05062	0.04985	5.52E-04	1.93E-05	2.04E-05	8.10E-04	1.06E-03	7.39E-06	7.27E-06	2.4654E-03
606527.8	4201408.22	43104.85212	0.01272	0.01282	0.05872	0.05958	0.15797	0.15541	1.08E-03	3.19E-06	3.26E-06	2.39E-05	2.42E-05	2.31E-05	2.27E-05	1.1385E-03
606547.8	4201408.22	42596.25843	0.01308	0.01317	0.06031	0.06121	0.15251	0.15001	1.07E-03	3.28E-06	3.35E-06	2.46E-05	2.48E-05	2.23E-05	2.19E-05	1.1272E-03
606567.8	4201408.22	42082.10854	0.01345	0.01355	0.06197	0.0629	0.14729	0.14487	1.06E-03	3.38E-06	3.45E-06	2.52E-05	2.55E-05	2.15E-05	2.11E-05	1.1158E-03
606587.8	4201408.22	41562.44226	0.01383	0.01393	0.06369	0.06468	0.14231	0.13996	1.05E-03	3.47E-06	3.54E-06	2.59E-05	2.62E-05	2.08E-05	2.04E-05	1.1044E-03
606607.8	4201408.22	41021.71584	0.01428	0.01438	0.06561	0.06665	0.1375	0.13522	1.03E-03	3.59E-06	3.66E-06	2.67E-05	2.70E-05	2.01E-05	1.97E-05	1.0926E-03
606627.8	4201408.22	40464.78436	0.0148	0.01489	0.06771	0.06881	0.13288	0.13066	1.02E-03	3.72E-06	3.79E-06	2.76E-05	2.79E-05	1.94E-05	1.90E-05	1.0806E-03
606647.8	4201408.22	39899.7169	0.01534	0.01543	0.06994	0.07112	0.12845	0.1263	1.00E-03	3.85E-06	3.93E-06	2.85E-05	2.88E-05	1.88E-05	1.84E-05	1.0685E-03
606667.8	4201408.22	39343.87976	0.01588	0.01596	0.07222	0.07348	0.12427	0.12218	9.89E-04	3.99E-06	4.06E-06	2.94E-05	2.98E-05	1.81E-05	1.78E-05	1.0566E-03
606687.8	4201408.22	38784.69552	0.01644	0.01651	0.07463	0.07598	0.12028	0.11825	9.75E-04	4.13E-06	4.20E-06	3.04E-05	3.08E-05	1.76E-05	1.72E-05	1.0449E-03
606707.8	4201408.22	38211.13456	0.01705	0.01712	0.07727	0.0787	0.11645	0.11447	9.61E-04	4.28E-06	4.36E-06	3.15E-05	3.19E-05	1.70E-05	1.67E-05	1.0329E-03
606727.8	4201408.22	37633.59431	0.01769	0.01776	0.08005	0.08159	0.11279	0.11087	9.46E-04	4.44E-06	4.52E-06	3.26E-05	3.31E-05	1.65E-05	1.62E-05	1.0210E-03
606747.8	4201408.22	37057.94694	0.01835	0.01839	0.08288	0.08454	0.10931	0.10745	9.32E-04	4.61E-06	4.68E-06	3.38E-05	3.43E-05	1.60E-05	1.57E-05	1.0092E-03
606767.8	4201408.22	36480.56682	0.01893	0.01889	0.08557	0.08732	0.10599	0.10418	9.17E-04	4.75E-06	4.81E-06	3.49E-05	3.54E-05	1.55E-05	1.52E-05	9.9720E-04
606787.8	4201408.22	35858.07393	0.01987	0.01988	0.08937	0.09126	0.10271	0.10095	9.02E-04	4.99E-06	5.06E-06	3.64E-05	3.70E-05	1.50E-05	1.47E-05	9.8518E-04
606807.8	4201408.22	35249.0269	0.0207	0.02063	0.09288	0.09486	0.09961	0.09791	8.86E-04	5.20E-06	5.25E-06	3.78E-05	3.85E-05	1.45E-05	1.43E-05	9.7316E-04
606827.8	4201408.22	34613.20279	0.02182	0.02178	0.09735	0.09944	0.09658	0.09493	8.70E-04	5.48E-06	5.54E-06	3.97E-05	4.03E-05	1.41E-05	1.38E-05	9.6142E-04
606847.8	4201408.22	33977.74878	0.023	0.02293	0.10203	0.10427	0.09369	0.09209	8.54E-04	5.78E-06	5.83E-06	4.16E-05	4.23E-05	1.37E-05	1.34E-05	9.4990E-04
606867.8	4201408.22	33341.22161	0.02426	0.02417	0.10706	0.10945	0.09091	0.08936	8.38E-04	6.09E-06	6.15E-06	4.36E-05	4.44E-05	1.33E-05	1.30E-05	9.3867E-04
606887.8	4201408.22	32704.9296	0.02565	0.02553	0.11255	0.11511	0.08824	0.08674	8.22E-04	6.44E-06	6.50E-06	4.58E-05	4.67E-05	1.29E-05	1.26E-05	9.2790E-04
606907.8	4201408.22	32074.13876	0.02712	0.02699	0.1185	0.12126	0.08568	0.08423	8.07E-04	6.81E-06	6.87E-06	4.83E-05	4.92E-05	1.25E-05	1.23E-05	9.1769E-04
606927.8	4201408.22	31437.03862	0.0288	0.02866	0.12524	0.1283	0.0832	0.08179	7.91E-04	7.23E-06	7.29E-06	5.10E-05	5.20E-05	1.22E-05	1.19E-05	9.0812E-04
606947.8	4201408.22	30820.96434	0.03046	0.03034	0.1325	0.13587	0.08085	0.07948	7.75E-04	7.65E-06	7.72E-06	5.40E-05	5.51E-05	1.18E-05	1.16E-05	8.9950E-04
606967.8	4201408.22	30213.06765	0.03218	0.03212	0.14063	0.14437	0.07859	0.07726	7.60E-04	8.08E-06	8.17E-06	5.73E-05	5.86E-05	1.15E-05	1.13E-05	8.9186E-04
606987.8	4201408.22	29611.88397	0.03398	0.034	0.14995	0.15406	0.07641	0.07512	7.45E-04	8.53E-06	8.65E-06	6.11E-05	6.25E-05	1.12E-05	1.09E-05	8.8540E-04
607007.8	4201408.22	28990.13726	0.03614	0.0363	0.16177	0.16638	0.07424	0.073	7.29E-04	9.08E-06	9.24E-06	6.59E-05	6.75E-05	1.08E-05	1.06E-05	8.8070E-04
607027.8	4201408.22	28362.21095	0.03848	0.03886	0.17636	0.18183	0.07212	0.07092	7.13E-04	9.66E-06	9.89E-06	7.18E-05	7.38E-05	1.05E-05	1.03E-05	8.7836E-04
607047.8	4201408.22	27787.53226	0.04024	0.04083	0.19111	0.19737	0.07016	0.069	6.99E-04	1.01E-05	1.04E-05	7.78E-05	8.01E-05	1.02E-05	1.01E-05	8.7717E-04
607067.8	4201408.22	27230.28033	0.04189	0.04273	0.20808	0.21532	0.06829	0.06716	6.85E-04	1.05E-05	1.09E-05	8.48E-05	8.73E-05	9.97E-06	9.79E-06	8.7824E-04
607087.8	4201408.22	26688.06309	0.04342	0.04452	0.22788	0.23639	0.06649	0.06539	6.71E-04	1.09E-05	1.13E-05	9.28E-05	9.59E-05	9.71E-06	9.53E-06	8.8206E-04
607107.8	4201408.22	26163.65771	0.04488	0.04621	0.25122	0.26136	0.06477	0.0637	6.58E-04	1.13E-05	1.18E-05	1.02E-04	1.06E-04	9.46E-06	9.28E-06	8.8931E-04
607127.8	4201408.22	25652.87993	0.04632	0.04783	0.2792	0.29147	0.06311	0.06207	6.45E-04	1.16E-05	1.22E-05	1.14E-04	1.18E-04	9.22E-06	9.05E-06	9.0085E-04
607147.8	4201408.22	25149.9273	0.04788	0.04948	0.31331	0.32842	0.0615	0.0605	6.32E-04	1.20E-05	1.26E-05	1.28E-04	1.33E-04	8.98E-06	8.82E-06	9.1789E-04
607167.8	4201408.22	24657.5603	0.04966	0.05129	0.35548	0.37448	0.05995	0.05898	6.20E-04	1.25E-05	1.30E-05	1.45E-04	1.52E-04	8.75E-06	8.60E-06	9.4228E-04
607187.8	4201408.22	24175.83985	0.05178	0.05341	0.40875	0.43334	0.05846	0.05751	6.08E-04	1.30E-05	1.36E-05	1.66E-04	1.76E-04	8.54E-06	8.38E-06	9.7681E-04
607207.8	4201408.22	23706.42351	0.05424	0.05592	0.47785	0.51085	0.05701	0.0561	5.96E-04	1.36E-05	1.42E-05	1.95E-04	2.07E-04	8.33E-06	8.18E-06	1.0258E-03
607227.8	4201408.22	23252.09612	0.05702	0.05884	0.57107	0.61753	0.05563	0.05474	5.85E-04	1.43E-05	1.50E-05	2.33E-04	2.51E-04	8.12E-06	7.98E-06	1.0971E-03
607247.8	4201408.22	22813.56255	0.06009	0.06213	0.70348	0.77329	0.05431	0.05345	5.74E-04	1.51E-05	1.58E-05	2.87E-04	3.14E-04	7.93E-06	7.79E-06	1.2048E-03
607267.8	4201408.22	22394.08813	0.06334	0.06566	0.90513	1.02084	0.05305	0.05222	5.63E-04	1.59E-05	1.67E-05	3.69E-04	4.14E-04	7.75E-06	7.61E-06	1.3785E-03
607287.8	4201408.22	21980.04377	0.06695	0.06955	1.23794	1.45686	0.05183	0.05102	5.53E-04	1.68E-05	1.77E-05	5.04E-04	5.91E-04	7.57E-06	7.44E-06	1.6824E-03
607307.8	4201408.22	21569.25027	0.07088	0.07385	1.86778	2.36873	0.05064	0.04985	5.42E-04	1.78E-05	1.88E-05	7.61E-04	9.61E-04	7.40E-06	7.27E-06	2.3006E-03
606533.18	4201421.18	41917.38214	0.01273	0.01283	0.05932	0.06018	0.15869	0.15596	1.05E-03	3.20E-06	3.26E-06	2.42E-05	2.44E-05	2.32E-05	2.27E-05	1.1091E-03
606553.18	4201421.18	41453.99134	0.01303	0.01311	0.06087	0.0618	0.1532	0.15056	1.04E-03	3.27E-06	3.34E-06	2.48E-05	2.51E-05	2.24E-05	2.19E-05	1.0989E-03
606573.18	4201421.18	40957.03408	0.01341	0.01349	0.06256	0.06352	0.14786	0.1453	1.03E-03	3.37E-06	3.43E-06	2.55E-05	2.58E-05	2.16E-05	2.12E-05	1.0880E-03
606593.18	4201421.18	40457.026	0.01379	0.01388	0.06431	0.06533	0.14278	0.1403	1.02E-03	3.46E-06	3.53E-06	2.62E-05	2.65E-05	2.09E-05	2.04E-05	1.0771E-03
606613.18	4201421.18	39940.29084	0.01425	0.01433	0.06623	0.06731	0.13789	0.13548	1.00E-03	3.58E-06	3.65E-06	2.70E-05	2.73E-05	2.01E-05	1.97E-05	1.0659E-03
606633.18	4201421.18	39395.72478	0.01479	0.01486	0.06841	0.06956	0.13315	0.13082	9.91E-04	3.71E-06	3.78E-06	2.79E-05	2.82E-05	1.94E-05	1.91E-05	1.0543E-03
606653.18	4201421.18	38838.25991	0.01537	0.01546	0.07076	0.072	0.1286	0.12634	9.77E-04	3.86E-06	3.93E-06	2.88E-05	2.92E-05	1.88E-05	1.84E-05	1.0425E-03
606673.18	4201421.18	38298.64322	0.01593	0.01601	0.07313	0.07445	0.12433	0.12215	9.63E-04	4.00E-06	4.07E-06	2.98E-05	3.02E-05	1.82E-05	1.78E-05	1.0311E-03
606693.18	4201421.18	37769.76458	0.01647	0.01654	0.07557	0.07694	0.12031	0.11819	9.50E-04	4.14E-06	4.21E-06	3.08E-05	3.12E-05	1.76E-05	1.72E-05	1.0201E-03
606713.18	4201421.18	37220.98016	0.0171	0.01715	0.07821	0.07971	0.11643	0.11438	9.36E-04	4.29E-06	4.36E-06	3.19E-05	3.23E-05	1.70E-05	1.67E-05	1.0088E-03
606727.8	4201423.25	36689.70065	0.01755	0.01759	0.0803	0.08185	0.11385	0.11183	9.23E-04	4.41E-06	4.48E-06	3.27E-05	3.32E-05	1.66E-05	1.63E-05	9.9742E-04
606747.8	4201423.25	36138.45658	0.01822	0.01826	0.0832	0.08488	0.11026	0.1083	9.09E-04	4.58E-06	4.65E-06	3.39E-05	3.44E-05	1.61E-05	1.58E-05	9.8631E-04
606767.8	4201423.25	35584.5705	0.01892	0.01893	0.08617	0.08798	0.10684	0.10494	8.95E-04	4.75E-06	4.82E-06	3.51E-05	3.57E-05	1.56E-05	1.53E-05	9.7519E-04
606787.8	4201423.25	35009.7942	0.01974	0.01973	0.08956	0.09149	0.10352	0.10168	8.80E-04	4.96E-06	5.02E-06	3.65E-05	3.71E-05	1.51E-05	1.48E-05	9.6395E-04
606807.8	4201423.25	34441.85711	0.02048	0.02032	0.09268	0.09472	0.10038	0.0986	8.66E-04	5.14E-06	5.17E-06	3.77E-05	3.84E-05	1.47E-05	1.44E-05	9.5259E-04
606827.8	4201428.22	33590.78959	0.02149	0.0214	0.09694	0.0991	0.0975	0.09575	8.45E-04	5.40E-06	5.44E-06	3.95E-05	4.02E-05	1.42E-05	1.40E-05	9.3523E-04
606847.8	4201428.22	32988.7221	0.02271	0.02261	0.10184	0.10415	0.0945	0.09281	8.30E-04	5.70E-06	5.75E-06	4.15E-05	4.22E-05	1.38E-05	1.35E-05	9.2474E-04
606867.8	4201428.22	32392.10993	0.02395	0.02383	0.10682	0.10928	0.09164	0.09001	8.15E-04	6.01E-06	6.06E-06	4.35E-05	4.43E-05	1.34E-05	1.31E-05	9.1447E-04
606887.8	4201428.22	31793.54394	0.02531	0.02518	0.11229	0.11493	0.0889	0.08732	8.00E-04	6.36E-06	6.41E-06	4.57E-05	4.66E-05	1.30E-05	1.27E-05	9.0463E-04
606907.8	4201428.22	31172.69392	0.02693	0.0268	0.11887	0.12174	0.08621	0.08468	7.84E-04	6.76E-06	6.82E-06	4.84E-05	4.94E-05	1.26E-05	1.23E-05	8.9528E-04
606927.8	4201428.22	30537.04321	0.02881	0.0287	0.12636	0.12945	0.08358	0.08211	7.68E-04	7.24E-06	7.30E-06	5.15E-05	5.25E-05	1.22E-05	1.20E-05	8.8642E-04
606947.8	4201428.22	29937.84007	0.03058	0.03051	0.13427	0.13775	0.08114	0.07971	7.53E-04	7.68E-06	7.76E-06	5.47E-05	5.59E-05	1.18E-05	1.16E-05	8.7885E-04
606967.8	4201428.22	29356.74326	0.03225	0.03228	0.14275	0.14661	0.07881	0.07743	7.38E-04	8.10E-06	8.21E-06	5.81E-05	5.95E-05	1.15E-05	1.13E-05	8.7216E-04
606987.8	4201428.22	28773.05427	0.03394	0.03408	0.15261	0.15689	0.07656	0.07522	7.24E-04	8.52E-06	8.67E-06	6.22E-05	6.36E-05	1.12E-05	1.10E-05	8.6655E-04
607007.8	4201428.22	28186.46577	0.03559	0.03587	0.1639	0.16871	0.07436	0.07306	7.09E-04	8.94E-06	9.13E-06	6.68E-05	6.84E-05	1.09E-05	1.06E-05	8.6206E-04
607027.8	4201428.22	27619.9436	0.03712	0.03757	0.17639	0.18183	0.07227	0.07102	6.95E-04	9.32E-06	9.56E-06	7.18E-05	7.38E-05	1.06E-05	1.04E-05	8.5904E-04
607047.8	4201428.22	27087.83909	0.03857	0.03923	0.19049	0.19668	0.07031	0.06909	6.81E-04	9.69E-06	9.98E-06	7.76E-05	7.98E-05	1.03E-05	1.01E-05	8.5821E-04
607067.8	4201428.22	26576.32892	0.03993	0.04082	0.20677	0.21395	0.06844	0.06726	6.68E-04	1.00E-05	1.04E-05	8.42E-05	8.68E-05	9.99E-06	9.80E-06	8.5973E-04
607087.8	4201428.22	26070.86382	0.0412	0.0423	0.22589	0.23428	0.06663	0.06549	6.56E-04	1.03E-05	1.08E-05	9.20E-05	9.50E-05	9.73E-06	9.55E-06	8.6375E-04
607107.8	4201428.22	25575.00896	0.04243	0.0437	0.24853	0.25845	0.06488	0.06378	6.43E-04	1.07E-05	1.11E-05	1.01E-04	1.05E-04	9.47E-06	9.30E-06	8.7097E-04
607127.8	4201428.22	25092.66277	0.04371	0.04508	0.27561	0.28749	0.06321	0.06214	6.31E-04	1.10E-05	1.15E-05	1.12E-04	1.17E-04	9.23E-06	9.06E-06	8.8233E-04
607147.8	4201428.22	24619.51312	0.04512	0.04654	0.30851	0.32299	0.06159	0.06056	6.19E-04	1.13E-05	1.18E-05	1.26E-04	1.31E-04	8.99E-06	8.83E-06	8.9895E-04
607167.8	4201428.22	24152.44104	0.04678	0.04819	0.34915	0.36716	0.06003	0.05902	6.07E-04	1.17E-05	1.23E-05	1.42E-04	1.49E-04	8.77E-06	8.60E-06	9.2252E-04
607187.8	4201428.22	23692.03151	0.04872	0.05013	0.40034	0.42328	0.05851	0.05754	5.96E-04	1.22E-05	1.28E-05	1.63E-04	1.72E-04	8.54E-06	8.39E-06	9.5553E-04
607207.8	4201428.22	23244.33081	0.05095	0.05242	0.46655	0.49668	0.05705	0.05611	5.85E-04	1.28E-05	1.33E-05	1.90E-04	2.01E-04	8.33E-06	8.18E-06	1.0022E-03
607227.8	4201428.22	22809.60038	0.05345	0.05505	0.55529	0.59667	0.05565	0.05474	5.74E-04	1.34E-05	1.40E-05	2.26E-04	2.42E-04	8.13E-06	7.98E-06	1.0692E-03
607247.8	4201428.22	22395.87696	0.0562	0.058	0.68118	0.74188	0.05432	0.05344	5.63E-04	1.41E-05	1.48E-05	2.77E-04	3.01E-04	7.93E-06	7.79E-06	1.1705E-03
607267.8	4201428.22	22003.02639	0.05906	0.0611	0.87122	0.96824	0.05307	0.05221	5.53E-04	1.48E-05	1.55E-05	3.55E-04	3.93E-04	7.75E-06	7.61E-06	1.3313E-03
607287.8	4201428.22	21602.6431	0.06228	0.06454	1.17803	1.35098	0.05182	0.05099	5.43E-04	1.56E-05	1.64E-05	4.80E-04	5.48E-04	7.57E-06	7.43E-06	1.6031E-03
607307.8	4201428.22	21211.20141	0.06574	0.06832	1.74669	2.11236	0.05062	0.04982	5.33E-04	1.65E-05	1.74E-05	7.11E-04	8.57E-04	7.39E-06	7.26E-06	2.1356E-03
606357.31	4200991.9	164326.6741	0.01936	0.01997	0.04194	0.04193	0.05549	0.0574	4.13E-03	4.86E-06	5.08E-06	1.71E-05	1.70E-05	8.10E-06	8.37E-06	4.1763E-03
606373.3	4200990.76	163923.3575	0.01998	0.02061	0.04263	0.04261	0.0557	0.05756	4.12E-03	5.02E-06	5.24E-06	1.74E-05	1.73E-05	8.13E-06	8.39E-06	4.1671E-03
606393.3	4200990.76	161959.5082	0.02064	0.02131	0.04354	0.04351	0.05627	0.05807	4.07E-03	5.18E-06	5.42E-06	1.77E-05	1.76E-05	8.22E-06	8.46E-06	4.1187E-03
606413.3	4200990.76	159485.0526	0.02134	0.02204	0.04449	0.04446	0.05678	0.05851	4.01E-03	5.36E-06	5.61E-06	1.81E-05	1.80E-05	8.29E-06	8.53E-06	4.0577E-03
606433.3	4200990.76	156504.9214	0.0221	0.02283	0.04549	0.04545	0.05722	0.05888	3.94E-03	5.55E-06	5.81E-06	1.85E-05	1.84E-05	8.36E-06	8.58E-06	3.9839E-03
606453.3	4200990.76	153170.2675	0.02291	0.02369	0.04655	0.04649	0.05759	0.05918	3.85E-03	5.75E-06	6.03E-06	1.90E-05	1.89E-05	8.41E-06	8.63E-06	3.9013E-03
606473.3	4200990.76	149741.2361	0.02378	0.02461	0.04765	0.04752	0.0579	0.05942	3.77E-03	5.97E-06	6.26E-06	1.94E-05	1.93E-05	8.46E-06	8.66E-06	3.8164E-03
606493.3	4200990.76	146453.9598	0.02466	0.02555	0.04863	0.04822	0.05815	0.05959	3.68E-03	6.19E-06	6.50E-06	1.98E-05	1.96E-05	8.49E-06	8.69E-06	3.7349E-03
606513.3	4200990.76	143553.6835	0.02566	0.02654	0.04975	0.0494	0.05834	0.05971	3.61E-03	6.44E-06	6.75E-06	2.03E-05	2.00E-05	8.52E-06	8.70E-06	3.6634E-03
606355.59	4201005.6	153451.2372	0.01844	0.01901	0.04216	0.0422	0.05877	0.06076	3.86E-03	4.63E-06	4.84E-06	1.72E-05	1.71E-05	8.58E-06	8.86E-06	3.9026E-03
606375.59	4201005.6	151781.5209	0.01908	0.01968	0.0431	0.04313	0.05936	0.06128	3.82E-03	4.79E-06	5.01E-06	1.76E-05	1.75E-05	8.67E-06	8.93E-06	3.8617E-03
606393.3	4201010.76	146364.1917	0.01933	0.01994	0.04407	0.04412	0.06109	0.06295	3.68E-03	4.85E-06	5.07E-06	1.80E-05	1.79E-05	8.92E-06	9.18E-06	3.7264E-03
606413.3	4201010.76	144206.3253	0.02	0.02065	0.04508	0.04512	0.0615	0.06329	3.63E-03	5.02E-06	5.25E-06	1.84E-05	1.83E-05	8.98E-06	9.22E-06	3.6733E-03
606433.3	4201010.76	141720.0644	0.02073	0.0214	0.04614	0.04618	0.06184	0.06354	3.56E-03	5.21E-06	5.44E-06	1.88E-05	1.87E-05	9.03E-06	9.26E-06	3.6120E-03
606453.3	4201010.76	139017.1707	0.02148	0.0222	0.04724	0.04727	0.06211	0.06372	3.50E-03	5.39E-06	5.65E-06	1.92E-05	1.92E-05	9.07E-06	9.29E-06	3.5453E-03
606473.3	4201010.76	136202.128	0.02229	0.02305	0.0484	0.04842	0.06231	0.06384	3.43E-03	5.60E-06	5.86E-06	1.97E-05	1.96E-05	9.10E-06	9.31E-06	3.4759E-03
606493.3	4201010.76	133480.254	0.02312	0.02392	0.0496	0.04961	0.06245	0.0639	3.36E-03	5.81E-06	6.09E-06	2.02E-05	2.01E-05	9.12E-06	9.31E-06	3.4088E-03
606513.3	4201010.76	130960.5585	0.02397	0.02482	0.05085	0.05085	0.06253	0.0639	3.29E-03	6.02E-06	6.31E-06	2.07E-05	2.06E-05	9.13E-06	9.31E-06	3.3469E-03
606320.15	4201003.05	158124.317	0.01742	0.01794	0.04046	0.0405	0.05691	0.059	3.98E-03	4.37E-06	4.56E-06	1.65E-05	1.64E-05	8.31E-06	8.60E-06	4.0182E-03
606340.15	4201003.05	156664.0645	0.01806	0.01861	0.04138	0.04141	0.05763	0.05966	3.94E-03	4.54E-06	4.73E-06	1.69E-05	1.68E-05	8.42E-06	8.70E-06	3.9825E-03
608186.19	4200779.15	13106.50739	0.24446	0.24794	0.03845	0.03706	0.02131	0.02122	3.30E-04	6.14E-05	6.31E-05	1.57E-05	1.50E-05	3.11E-06	3.09E-06	4.8476E-04
608186.19	4200786.75	13085.48383	0.24131	0.2448	0.0392	0.03779	0.02138	0.02129	3.29E-04	6.06E-05	6.23E-05	1.60E-05	1.53E-05	3.12E-06	3.10E-06	4.8324E-04
608186.19	4200794.35	13064.55072	0.23818	0.24167	0.03996	0.03853	0.02145	0.02135	3.29E-04	5.98E-05	6.15E-05	1.63E-05	1.56E-05	3.13E-06	3.11E-06	4.8174E-04
608186.19	4200801.95	13043.72467	0.23508	0.23856	0.04072	0.03928	0.02152	0.02142	3.28E-04	5.90E-05	6.07E-05	1.66E-05	1.59E-05	3.14E-06	3.12E-06	4.8026E-04
608186.19	4200809.55	13022.5124	0.23199	0.23547	0.0415	0.04003	0.02159	0.02148	3.27E-04	5.83E-05	5.99E-05	1.69E-05	1.62E-05	3.15E-06	3.13E-06	4.7879E-04
608186.19	4200817.15	13001.0077	0.22892	0.2324	0.04227	0.04079	0.02165	0.02154	3.27E-04	5.75E-05	5.91E-05	1.72E-05	1.65E-05	3.16E-06	3.14E-06	4.7732E-04
608186.19	4200824.75	12979.08833	0.22588	0.22936	0.04306	0.04155	0.02171	0.0216	3.26E-04	5.67E-05	5.84E-05	1.75E-05	1.69E-05	3.17E-06	3.15E-06	4.7586E-04
608186.19	4200832.35	12956.9739	0.22286	0.22633	0.04384	0.04232	0.02177	0.02166	3.26E-04	5.60E-05	5.76E-05	1.79E-05	1.72E-05	3.18E-06	3.16E-06	4.7440E-04
608186.19	4200839.95	12934.56233	0.21987	0.22333	0.04463	0.0431	0.02183	0.02172	3.25E-04	5.52E-05	5.68E-05	1.82E-05	1.75E-05	3.19E-06	3.17E-06	4.7296E-04
608186.19	4200847.55	12911.89469	0.21691	0.22036	0.04542	0.04387	0.02189	0.02177	3.25E-04	5.45E-05	5.61E-05	1.85E-05	1.78E-05	3.20E-06	3.17E-06	4.7153E-04
608186.19	4200855.15	12888.82463	0.21397	0.21741	0.04622	0.04465	0.02195	0.02183	3.24E-04	5.37E-05	5.53E-05	1.88E-05	1.81E-05	3.21E-06	3.18E-06	4.7010E-04
608186.19	4200862.75	12865.39663	0.21106	0.21449	0.04702	0.04544	0.022	0.02188	3.24E-04	5.30E-05	5.46E-05	1.92E-05	1.84E-05	3.21E-06	3.19E-06	4.6869E-04
608186.19	4200870.35	12841.66739	0.20818	0.2116	0.04782	0.04623	0.02206	0.02193	3.23E-04	5.23E-05	5.38E-05	1.95E-05	1.88E-05	3.22E-06	3.20E-06	4.6728E-04
608193.06	4200733.55	13157.31124	0.25862	0.26198	0.03401	0.03278	0.02079	0.02072	3.31E-04	6.50E-05	6.67E-05	1.39E-05	1.33E-05	3.04E-06	3.02E-06	4.8962E-04
608193.06	4200741.15	13137.48008	0.25551	0.25888	0.03471	0.03345	0.02087	0.02079	3.30E-04	6.42E-05	6.59E-05	1.41E-05	1.36E-05	3.05E-06	3.03E-06	4.8811E-04
608193.06	4200748.75	13117.51548	0.2524	0.25578	0.03542	0.03414	0.02095	0.02087	3.30E-04	6.34E-05	6.51E-05	1.44E-05	1.38E-05	3.06E-06	3.04E-06	4.8660E-04
608193.06	4200756.35	13097.70672	0.2493	0.25269	0.03613	0.03483	0.02102	0.02094	3.29E-04	6.26E-05	6.43E-05	1.47E-05	1.41E-05	3.07E-06	3.05E-06	4.8511E-04
608193.06	4200763.95	13077.97015	0.24621	0.2496	0.03686	0.03553	0.02109	0.02101	3.29E-04	6.18E-05	6.35E-05	1.50E-05	1.44E-05	3.08E-06	3.06E-06	4.8363E-04
608193.06	4200771.55	13057.98157	0.24313	0.24653	0.03759	0.03624	0.02117	0.02108	3.28E-04	6.11E-05	6.27E-05	1.53E-05	1.47E-05	3.09E-06	3.07E-06	4.8216E-04
608193.06	4200779.15	13037.41562	0.24007	0.24347	0.03833	0.03696	0.02124	0.02114	3.28E-04	6.03E-05	6.19E-05	1.56E-05	1.50E-05	3.10E-06	3.08E-06	4.8069E-04
608193.06	4200786.75	13016.63096	0.23701	0.24041	0.03907	0.03768	0.02131	0.02121	3.27E-04	5.95E-05	6.12E-05	1.59E-05	1.53E-05	3.11E-06	3.09E-06	4.7921E-04
608193.06	4200794.35	12995.93646	0.23397	0.23738	0.03982	0.03841	0.02137	0.02128	3.27E-04	5.88E-05	6.04E-05	1.62E-05	1.56E-05	3.12E-06	3.10E-06	4.7776E-04
608193.06	4200801.95	12975.03374	0.23096	0.23436	0.04058	0.03915	0.02144	0.02134	3.26E-04	5.80E-05	5.96E-05	1.65E-05	1.59E-05	3.13E-06	3.11E-06	4.7632E-04
608193.06	4200809.55	12953.86024	0.22796	0.23136	0.04134	0.03989	0.02151	0.0214	3.26E-04	5.73E-05	5.89E-05	1.68E-05	1.62E-05	3.14E-06	3.12E-06	4.7488E-04
608193.06	4200817.15	12932.60933	0.22498	0.22838	0.0421	0.04064	0.02157	0.02146	3.25E-04	5.65E-05	5.81E-05	1.71E-05	1.65E-05	3.15E-06	3.13E-06	4.7345E-04
608193.06	4200824.75	12911.24853	0.22203	0.22543	0.04287	0.04139	0.02163	0.02152	3.25E-04	5.58E-05	5.74E-05	1.75E-05	1.68E-05	3.16E-06	3.14E-06	4.7204E-04
608193.06	4200832.35	12889.58465	0.2191	0.22249	0.04365	0.04215	0.02169	0.02158	3.24E-04	5.50E-05	5.66E-05	1.78E-05	1.71E-05	3.17E-06	3.15E-06	4.7064E-04
608193.06	4200839.95	12867.43578	0.21619	0.21958	0.04442	0.04291	0.02175	0.02163	3.24E-04	5.43E-05	5.59E-05	1.81E-05	1.74E-05	3.18E-06	3.15E-06	4.6923E-04
608193.06	4200847.55	12845.0281	0.21331	0.21669	0.04521	0.04368	0.02181	0.02169	3.23E-04	5.36E-05	5.51E-05	1.84E-05	1.77E-05	3.19E-06	3.16E-06	4.6785E-04
608193.06	4200855.15	12822.23822	0.21046	0.21382	0.04599	0.04445	0.02186	0.02174	3.22E-04	5.29E-05	5.44E-05	1.87E-05	1.80E-05	3.19E-06	3.17E-06	4.6646E-04
608193.06	4200862.75	12799.06652	0.20763	0.21098	0.04678	0.04522	0.02192	0.02179	3.22E-04	5.21E-05	5.37E-05	1.91E-05	1.83E-05	3.20E-06	3.18E-06	4.6508E-04
608193.06	4200870.35	12775.7131	0.20483	0.20817	0.04757	0.046	0.02197	0.02184	3.21E-04	5.14E-05	5.30E-05	1.94E-05	1.87E-05	3.21E-06	3.18E-06	4.6371E-04
608199.93	4200733.55	13087.42709	0.25375	0.25703	0.03394	0.03273	0.02072	0.02065	3.29E-04	6.37E-05	6.54E-05	1.38E-05	1.33E-05	3.03E-06	3.01E-06	4.8533E-04
608199.93	4200741.15	13067.92661	0.25074	0.25403	0.03464	0.0334	0.0208	0.02072	3.29E-04	6.30E-05	6.46E-05	1.41E-05	1.35E-05	3.04E-06	3.02E-06	4.8388E-04
608199.93	4200748.75	13048.07749	0.24773	0.25103	0.03533	0.03407	0.02087	0.02079	3.28E-04	6.22E-05	6.39E-05	1.44E-05	1.38E-05	3.05E-06	3.03E-06	4.8241E-04
608199.93	4200756.35	13028.50168	0.24473	0.24804	0.03604	0.03476	0.02095	0.02086	3.28E-04	6.15E-05	6.31E-05	1.47E-05	1.41E-05	3.06E-06	3.04E-06	4.8097E-04
608199.93	4200763.95	13009.08419	0.24174	0.24505	0.03676	0.03545	0.02102	0.02093	3.27E-04	6.07E-05	6.23E-05	1.50E-05	1.44E-05	3.07E-06	3.05E-06	4.7955E-04
608199.93	4200771.55	12989.31537	0.23875	0.24207	0.03748	0.03615	0.02109	0.021	3.27E-04	6.00E-05	6.16E-05	1.53E-05	1.47E-05	3.08E-06	3.06E-06	4.7812E-04
608199.93	4200779.15	12968.98376	0.23578	0.2391	0.03821	0.03685	0.02116	0.02107	3.26E-04	5.92E-05	6.08E-05	1.56E-05	1.49E-05	3.09E-06	3.07E-06	4.7669E-04
608199.93	4200786.75	12948.53374	0.23282	0.23614	0.03894	0.03757	0.02123	0.02113	3.26E-04	5.85E-05	6.01E-05	1.59E-05	1.52E-05	3.10E-06	3.08E-06	4.7527E-04
608199.93	4200794.35	12927.96977	0.22987	0.2332	0.03968	0.03829	0.0213	0.0212	3.25E-04	5.77E-05	5.93E-05	1.62E-05	1.55E-05	3.11E-06	3.09E-06	4.7385E-04
608199.93	4200801.95	12907.19952	0.22694	0.23027	0.04042	0.03902	0.02136	0.02126	3.25E-04	5.70E-05	5.86E-05	1.65E-05	1.58E-05	3.12E-06	3.10E-06	4.7245E-04
608199.93	4200809.55	12886.17044	0.22402	0.22735	0.04117	0.03975	0.02143	0.02132	3.24E-04	5.63E-05	5.78E-05	1.68E-05	1.61E-05	3.13E-06	3.11E-06	4.7104E-04
608199.93	4200817.15	12865.06477	0.22113	0.22446	0.04193	0.04049	0.02149	0.02138	3.24E-04	5.55E-05	5.71E-05	1.71E-05	1.64E-05	3.14E-06	3.12E-06	4.6966E-04
608199.93	4200824.75	12843.84008	0.21827	0.22159	0.04269	0.04123	0.02155	0.02144	3.23E-04	5.48E-05	5.64E-05	1.74E-05	1.67E-05	3.15E-06	3.12E-06	4.6829E-04
608199.93	4200832.35	12822.62254	0.21543	0.21874	0.04345	0.04198	0.02161	0.02149	3.22E-04	5.41E-05	5.57E-05	1.77E-05	1.70E-05	3.16E-06	3.13E-06	4.6693E-04
608199.93	4200839.95	12800.83616	0.2126	0.21591	0.04422	0.04273	0.02167	0.02155	3.22E-04	5.34E-05	5.49E-05	1.80E-05	1.73E-05	3.16E-06	3.14E-06	4.6557E-04
608199.93	4200847.55	12778.792	0.2098	0.2131	0.04499	0.04348	0.02172	0.0216	3.21E-04	5.27E-05	5.42E-05	1.83E-05	1.76E-05	3.17E-06	3.15E-06	4.6422E-04
608199.93	4200855.15	12756.27365	0.20703	0.21031	0.04576	0.04424	0.02178	0.02165	3.21E-04	5.20E-05	5.35E-05	1.86E-05	1.79E-05	3.18E-06	3.16E-06	4.6287E-04
608199.93	4200862.75	12733.35961	0.20428	0.20755	0.04654	0.045	0.02183	0.0217	3.20E-04	5.13E-05	5.28E-05	1.90E-05	1.83E-05	3.19E-06	3.16E-06	4.6152E-04
608199.93	4200870.35	12710.26844	0.20155	0.20482	0.04732	0.04577	0.02188	0.02175	3.20E-04	5.06E-05	5.21E-05	1.93E-05	1.86E-05	3.20E-06	3.17E-06	4.6019E-04
608206.8	4200733.55	13018.21097	0.24901	0.25222	0.03388	0.03267	0.02065	0.02058	3.27E-04	6.25E-05	6.42E-05	1.38E-05	1.33E-05	3.02E-06	3.00E-06	4.8113E-04
608206.8	4200741.15	12999.03498	0.2461	0.24932	0.03456	0.03333	0.02073	0.02065	3.27E-04	6.18E-05	6.34E-05	1.41E-05	1.35E-05	3.03E-06	3.01E-06	4.7972E-04
608206.8	4200748.75	12979.49821	0.24318	0.24641	0.03525	0.034	0.0208	0.02072	3.26E-04	6.11E-05	6.27E-05	1.44E-05	1.38E-05	3.04E-06	3.02E-06	4.7831E-04
608206.8	4200756.35	12959.94834	0.24027	0.24351	0.03595	0.03468	0.02088	0.02079	3.26E-04	6.03E-05	6.20E-05	1.46E-05	1.41E-05	3.05E-06	3.03E-06	4.7691E-04
608206.8	4200763.95	12940.6424	0.23737	0.24061	0.03665	0.03536	0.02095	0.02086	3.25E-04	5.96E-05	6.12E-05	1.49E-05	1.43E-05	3.06E-06	3.04E-06	4.7552E-04
608206.8	4200771.55	12921.19893	0.23448	0.23773	0.03737	0.03606	0.02102	0.02093	3.25E-04	5.89E-05	6.05E-05	1.52E-05	1.46E-05	3.07E-06	3.05E-06	4.7415E-04
608206.8	4200779.15	12901.20277	0.2316	0.23485	0.03808	0.03676	0.02109	0.02099	3.24E-04	5.82E-05	5.98E-05	1.55E-05	1.49E-05	3.08E-06	3.06E-06	4.7276E-04
608206.8	4200786.75	12880.98223	0.22872	0.23197	0.03881	0.03746	0.02115	0.02106	3.24E-04	5.74E-05	5.90E-05	1.58E-05	1.52E-05	3.09E-06	3.07E-06	4.7138E-04
608206.8	4200794.35	12860.64545	0.22586	0.22912	0.03954	0.03817	0.02122	0.02112	3.23E-04	5.67E-05	5.83E-05	1.61E-05	1.55E-05	3.10E-06	3.08E-06	4.7001E-04
608206.8	4200801.95	12840.10502	0.22302	0.22627	0.04027	0.03889	0.02128	0.02118	3.23E-04	5.60E-05	5.76E-05	1.64E-05	1.58E-05	3.11E-06	3.09E-06	4.6864E-04
608206.8	4200809.55	12819.42065	0.22019	0.22344	0.04101	0.03961	0.02135	0.02124	3.22E-04	5.53E-05	5.68E-05	1.67E-05	1.61E-05	3.12E-06	3.10E-06	4.6729E-04
608206.8	4200817.15	12798.45715	0.21738	0.22063	0.04176	0.04034	0.02141	0.0213	3.22E-04	5.46E-05	5.61E-05	1.70E-05	1.64E-05	3.13E-06	3.10E-06	4.6594E-04
608206.8	4200824.75	12777.16387	0.21459	0.21784	0.04251	0.04107	0.02147	0.02136	3.21E-04	5.39E-05	5.54E-05	1.73E-05	1.67E-05	3.14E-06	3.11E-06	4.6460E-04
608206.8	4200832.35	12756.08019	0.21183	0.21507	0.04326	0.0418	0.02153	0.02141	3.21E-04	5.32E-05	5.47E-05	1.76E-05	1.70E-05	3.14E-06	3.12E-06	4.6327E-04
608206.8	4200839.95	12734.85497	0.20909	0.21232	0.04401	0.04254	0.02158	0.02147	3.20E-04	5.25E-05	5.40E-05	1.79E-05	1.73E-05	3.15E-06	3.13E-06	4.6195E-04
608206.8	4200847.55	12713.17351	0.20637	0.20959	0.04477	0.04329	0.02164	0.02152	3.20E-04	5.18E-05	5.33E-05	1.82E-05	1.76E-05	3.16E-06	3.14E-06	4.6064E-04
608206.8	4200855.15	12690.92045	0.20367	0.20688	0.04554	0.04404	0.02169	0.02157	3.19E-04	5.12E-05	5.26E-05	1.85E-05	1.79E-05	3.17E-06	3.14E-06	4.5934E-04
608206.8	4200862.75	12668.2602	0.201	0.2042	0.0463	0.04479	0.02175	0.02162	3.19E-04	5.05E-05	5.20E-05	1.89E-05	1.82E-05	3.18E-06	3.15E-06	4.5803E-04
608206.8	4200870.35	12645.42899	0.19835	0.20154	0.04707	0.04554	0.0218	0.02167	3.18E-04	4.98E-05	5.13E-05	1.92E-05	1.85E-05	3.18E-06	3.16E-06	4.5673E-04
608213.67	4200733.55	12949.75901	0.2444	0.24754	0.03381	0.03261	0.02058	0.02051	3.26E-04	6.14E-05	6.30E-05	1.38E-05	1.32E-05	3.01E-06	2.99E-06	4.7700E-04
608213.67	4200741.15	12930.90187	0.24158	0.24473	0.03448	0.03327	0.02066	0.02058	3.25E-04	6.07E-05	6.23E-05	1.40E-05	1.35E-05	3.02E-06	3.00E-06	4.7565E-04
608213.67	4200748.75	12911.47049	0.23875	0.24191	0.03516	0.03393	0.02073	0.02065	3.25E-04	6.00E-05	6.15E-05	1.43E-05	1.38E-05	3.03E-06	3.01E-06	4.7427E-04
608213.67	4200756.35	12892.04082	0.23593	0.23909	0.03585	0.0346	0.0208	0.02072	3.24E-04	5.93E-05	6.08E-05	1.46E-05	1.40E-05	3.04E-06	3.02E-06	4.7291E-04
608213.67	4200763.95	12872.7428	0.23312	0.23629	0.03655	0.03528	0.02087	0.02079	3.24E-04	5.85E-05	6.01E-05	1.49E-05	1.43E-05	3.05E-06	3.03E-06	4.7157E-04
608213.67	4200771.55	12853.516	0.23032	0.23349	0.03725	0.03596	0.02094	0.02085	3.23E-04	5.78E-05	5.94E-05	1.52E-05	1.46E-05	3.06E-06	3.04E-06	4.7023E-04
608213.67	4200779.15	12833.85394	0.22752	0.23069	0.03796	0.03665	0.02101	0.02092	3.23E-04	5.71E-05	5.87E-05	1.55E-05	1.49E-05	3.07E-06	3.05E-06	4.6889E-04
608213.67	4200786.75	12813.96486	0.22473	0.22791	0.03868	0.03735	0.02108	0.02098	3.22E-04	5.64E-05	5.80E-05	1.58E-05	1.52E-05	3.08E-06	3.06E-06	4.6756E-04
608213.67	4200794.35	12793.95648	0.22196	0.22514	0.0394	0.03805	0.02114	0.02104	3.22E-04	5.57E-05	5.73E-05	1.60E-05	1.54E-05	3.09E-06	3.07E-06	4.6623E-04
608213.67	4200801.95	12773.6417	0.2192	0.22237	0.04012	0.03876	0.02121	0.0211	3.21E-04	5.51E-05	5.66E-05	1.63E-05	1.57E-05	3.10E-06	3.08E-06	4.6491E-04
608213.67	4200809.55	12753.19399	0.21645	0.21963	0.04085	0.03947	0.02127	0.02116	3.21E-04	5.44E-05	5.59E-05	1.66E-05	1.60E-05	3.11E-06	3.08E-06	4.6359E-04
608213.67	4200817.15	12732.46741	0.21372	0.2169	0.04159	0.04019	0.02133	0.02122	3.20E-04	5.37E-05	5.52E-05	1.69E-05	1.63E-05	3.11E-06	3.09E-06	4.6228E-04
608213.67	4200824.75	12711.41282	0.21101	0.21418	0.04232	0.04091	0.02139	0.02127	3.20E-04	5.30E-05	5.45E-05	1.72E-05	1.66E-05	3.12E-06	3.10E-06	4.6097E-04
608213.67	4200832.35	12690.2553	0.20832	0.21149	0.04307	0.04164	0.02144	0.02133	3.19E-04	5.23E-05	5.38E-05	1.75E-05	1.69E-05	3.13E-06	3.11E-06	4.5968E-04
608213.67	4200839.95	12669.3766	0.20566	0.20882	0.04381	0.04237	0.0215	0.02138	3.19E-04	5.17E-05	5.31E-05	1.78E-05	1.72E-05	3.14E-06	3.12E-06	4.5840E-04
608213.67	4200847.55	12648.16029	0.20302	0.20616	0.04456	0.0431	0.02156	0.02144	3.18E-04	5.10E-05	5.25E-05	1.81E-05	1.75E-05	3.15E-06	3.12E-06	4.5713E-04
608213.67	4200855.15	12626.16853	0.20039	0.20353	0.04531	0.04384	0.02161	0.02149	3.18E-04	5.03E-05	5.18E-05	1.85E-05	1.78E-05	3.16E-06	3.13E-06	4.5586E-04
608213.67	4200862.75	12603.76378	0.19779	0.20092	0.04606	0.04458	0.02166	0.02153	3.17E-04	4.97E-05	5.11E-05	1.88E-05	1.81E-05	3.16E-06	3.14E-06	4.5458E-04
608213.67	4200870.35	12581.18361	0.19521	0.19833	0.04682	0.04532	0.02171	0.02158	3.16E-04	4.90E-05	5.05E-05	1.91E-05	1.84E-05	3.17E-06	3.15E-06	4.5332E-04
608220.54	4200733.55	12881.95907	0.23991	0.24297	0.03373	0.03256	0.02052	0.02044	3.24E-04	6.03E-05	6.18E-05	1.37E-05	1.32E-05	3.00E-06	2.98E-06	4.7296E-04
608220.54	4200741.15	12863.31688	0.23718	0.24025	0.0344	0.0332	0.02059	0.02051	3.23E-04	5.96E-05	6.11E-05	1.40E-05	1.35E-05	3.01E-06	2.99E-06	4.7164E-04
608220.54	4200748.75	12844.19037	0.23444	0.23752	0.03508	0.03386	0.02066	0.02058	3.23E-04	5.89E-05	6.04E-05	1.43E-05	1.37E-05	3.02E-06	3.00E-06	4.7032E-04

608220.54	4200756.35	12824.87744	0.2317	0.23479	0.03576	0.03452	0.02073	0.02065	3.23E-04	5.82E-05	5.97E-05	1.46E-05	1.40E-05	3.03E-06	3.01E-06	4.6900E-04
608220.54	4200763.95	12805.58758	0.22897	0.23207	0.03645	0.03519	0.0208	0.02071	3.22E-04	5.75E-05	5.90E-05	1.48E-05	1.43E-05	3.04E-06	3.02E-06	4.6769E-04
608220.54	4200771.55	12786.36637	0.22625	0.22935	0.03714	0.03586	0.02087	0.02078	3.22E-04	5.68E-05	5.84E-05	1.51E-05	1.45E-05	3.05E-06	3.03E-06	4.6638E-04
608220.54	4200779.15	12766.82602	0.22354	0.22664	0.03784	0.03655	0.02094	0.02084	3.21E-04	5.61E-05	5.77E-05	1.54E-05	1.48E-05	3.06E-06	3.04E-06	4.6509E-04
608220.54	4200786.75	12747.26328	0.22083	0.22394	0.03854	0.03723	0.021	0.0209	3.21E-04	5.55E-05	5.70E-05	1.57E-05	1.51E-05	3.07E-06	3.05E-06	4.6379E-04
608220.54	4200794.35	12727.78513	0.21814	0.22125	0.03926	0.03793	0.02107	0.02097	3.20E-04	5.48E-05	5.63E-05	1.60E-05	1.54E-05	3.08E-06	3.06E-06	4.6252E-04
608220.54	4200801.95	12707.80231	0.21546	0.21857	0.03997	0.03863	0.02113	0.02103	3.20E-04	5.41E-05	5.56E-05	1.63E-05	1.57E-05	3.09E-06	3.07E-06	4.6123E-04
608220.54	4200809.55	12687.59153	0.2128	0.2159	0.04069	0.03933	0.02119	0.02108	3.19E-04	5.34E-05	5.49E-05	1.66E-05	1.60E-05	3.09E-06	3.07E-06	4.5995E-04
608220.54	4200817.15	12667.10109	0.21015	0.21325	0.04141	0.04004	0.02125	0.02114	3.19E-04	5.28E-05	5.43E-05	1.69E-05	1.62E-05	3.10E-06	3.08E-06	4.5868E-04
608220.54	4200824.75	12646.27833	0.20751	0.21061	0.04214	0.04075	0.02131	0.02119	3.18E-04	5.21E-05	5.36E-05	1.72E-05	1.65E-05	3.11E-06	3.09E-06	4.5741E-04
608220.54	4200832.35	12625.14555	0.2049	0.20799	0.04287	0.04147	0.02136	0.02125	3.17E-04	5.15E-05	5.29E-05	1.75E-05	1.68E-05	3.12E-06	3.10E-06	4.5614E-04
608220.54	4200839.95	12604.61194	0.20231	0.20539	0.04361	0.04219	0.02142	0.0213	3.17E-04	5.08E-05	5.23E-05	1.78E-05	1.71E-05	3.13E-06	3.10E-06	4.5491E-04
608220.54	4200847.55	12583.64809	0.19974	0.20281	0.04435	0.04291	0.02147	0.02135	3.16E-04	5.02E-05	5.16E-05	1.81E-05	1.74E-05	3.14E-06	3.11E-06	4.5367E-04
608220.54	4200855.15	12562.01311	0.19718	0.20025	0.04509	0.04364	0.02152	0.0214	3.16E-04	4.95E-05	5.09E-05	1.84E-05	1.77E-05	3.14E-06	3.12E-06	4.5243E-04
608220.54	4200862.75	12539.85963	0.19465	0.19771	0.04583	0.04437	0.02158	0.02145	3.15E-04	4.89E-05	5.03E-05	1.87E-05	1.80E-05	3.15E-06	3.13E-06	4.5119E-04
608220.54	4200870.35	12517.52733	0.19214	0.19519	0.04657	0.0451	0.02162	0.02149	3.15E-04	4.83E-05	4.97E-05	1.90E-05	1.83E-05	3.16E-06	3.13E-06	4.4995E-04
608227.41	4200733.55	12814.59701	0.23553	0.23853	0.03367	0.0325	0.02045	0.02037	3.22E-04	5.92E-05	6.07E-05	1.37E-05	1.32E-05	2.99E-06	2.97E-06	4.6898E-04
608227.41	4200741.15	12796.16632	0.23289	0.23589	0.03432	0.03314	0.02052	0.02044	3.22E-04	5.85E-05	6.00E-05	1.40E-05	1.34E-05	3.00E-06	2.98E-06	4.6771E-04
608227.41	4200748.75	12777.4463	0.23024	0.23325	0.03499	0.03379	0.02059	0.02051	3.21E-04	5.78E-05	5.93E-05	1.43E-05	1.37E-05	3.01E-06	2.99E-06	4.6644E-04
608227.41	4200756.35	12758.45101	0.22758	0.23061	0.03566	0.03444	0.02066	0.02057	3.21E-04	5.72E-05	5.87E-05	1.45E-05	1.40E-05	3.02E-06	3.00E-06	4.6516E-04
608227.41	4200763.95	12739.26856	0.22493	0.22796	0.03634	0.0351	0.02073	0.02064	3.20E-04	5.65E-05	5.80E-05	1.48E-05	1.42E-05	3.03E-06	3.01E-06	4.6388E-04
608227.41	4200771.55	12720.0568	0.22229	0.22532	0.03703	0.03577	0.02079	0.0207	3.20E-04	5.58E-05	5.73E-05	1.51E-05	1.45E-05	3.04E-06	3.02E-06	4.6261E-04
608227.41	4200779.15	12700.53228	0.21965	0.22269	0.03772	0.03644	0.02086	0.02077	3.19E-04	5.52E-05	5.67E-05	1.54E-05	1.48E-05	3.05E-06	3.03E-06	4.6134E-04
608227.41	4200786.75	12681.18518	0.21703	0.22007	0.03841	0.03712	0.02092	0.02083	3.19E-04	5.45E-05	5.60E-05	1.56E-05	1.51E-05	3.06E-06	3.04E-06	4.6009E-04
608227.41	4200794.35	12661.92287	0.21442	0.21746	0.03911	0.0378	0.02099	0.02089	3.18E-04	5.39E-05	5.53E-05	1.59E-05	1.53E-05	3.07E-06	3.04E-06	4.5885E-04
608227.41	4200801.95	12642.47369	0.21182	0.21486	0.03982	0.03849	0.02105	0.02095	3.18E-04	5.32E-05	5.47E-05	1.62E-05	1.56E-05	3.07E-06	3.05E-06	4.5761E-04
608227.41	4200809.55	12622.59581	0.20923	0.21227	0.04053	0.03919	0.02111	0.021	3.17E-04	5.25E-05	5.40E-05	1.65E-05	1.59E-05	3.08E-06	3.06E-06	4.5638E-04
608227.41	4200817.15	12602.33841	0.20665	0.20969	0.04124	0.03989	0.02117	0.02106	3.17E-04	5.19E-05	5.34E-05	1.68E-05	1.62E-05	3.09E-06	3.07E-06	4.5514E-04
608227.41	4200824.75	12581.74793	0.20409	0.20712	0.04196	0.04059	0.02123	0.02111	3.16E-04	5.13E-05	5.27E-05	1.71E-05	1.65E-05	3.10E-06	3.08E-06	4.5390E-04
608227.41	4200832.35	12560.94524	0.20155	0.20457	0.04268	0.0413	0.02128	0.02117	3.16E-04	5.06E-05	5.20E-05	1.74E-05	1.68E-05	3.11E-06	3.09E-06	4.5267E-04
608227.41	4200839.95	12540.34901	0.19903	0.20205	0.04341	0.04201	0.02134	0.02122	3.15E-04	5.00E-05	5.14E-05	1.77E-05	1.70E-05	3.12E-06	3.09E-06	4.5146E-04
608227.41	4200847.55	12519.62496	0.19653	0.19954	0.04413	0.04272	0.02139	0.02127	3.15E-04	4.94E-05	5.08E-05	1.80E-05	1.73E-05	3.12E-06	3.10E-06	4.5026E-04
608227.41	4200855.15	12498.444	0.19405	0.19705	0.04486	0.04344	0.02144	0.02132	3.14E-04	4.87E-05	5.01E-05	1.83E-05	1.76E-05	3.13E-06	3.11E-06	4.4906E-04
608227.41	4200862.75	12476.53928	0.19159	0.19457	0.04559	0.04416	0.02149	0.02136	3.14E-04	4.81E-05	4.95E-05	1.86E-05	1.79E-05	3.14E-06	3.11E-06	4.4785E-04
608227.41	4200870.35	12454.45383	0.18914	0.19212	0.04633	0.04488	0.02154	0.02141	3.13E-04	4.75E-05	4.89E-05	1.89E-05	1.82E-05	3.15E-06	3.12E-06	4.4665E-04
608234.28	4200741.15	12729.44233	0.2287	0.23164	0.03425	0.03307	0.02045	0.02037	3.20E-04	5.74E-05	5.89E-05	1.40E-05	1.34E-05	2.99E-06	2.97E-06	4.6384E-04
608234.28	4200748.75	12711.02807	0.22613	0.22908	0.03491	0.03371	0.02052	0.02044	3.20E-04	5.68E-05	5.83E-05	1.42E-05	1.37E-05	3.00E-06	2.98E-06	4.6261E-04
608234.28	4200756.35	12692.34375	0.22356	0.22652	0.03557	0.03436	0.02059	0.0205	3.19E-04	5.61E-05	5.76E-05	1.45E-05	1.39E-05	3.01E-06	2.99E-06	4.6138E-04
608234.28	4200763.95	12673.56637	0.221	0.22396	0.03624	0.03501	0.02066	0.02057	3.19E-04	5.55E-05	5.70E-05	1.48E-05	1.42E-05	3.02E-06	3.00E-06	4.6015E-04
608234.28	4200771.55	12654.56924	0.21843	0.2214	0.03692	0.03567	0.02072	0.02063	3.18E-04	5.49E-05	5.63E-05	1.50E-05	1.45E-05	3.03E-06	3.01E-06	4.5892E-04
608234.28	4200779.15	12635.36549	0.21587	0.21884	0.0376	0.03633	0.02079	0.02069	3.18E-04	5.42E-05	5.57E-05	1.53E-05	1.47E-05	3.04E-06	3.02E-06	4.5768E-04
608234.28	4200786.75	12616.03001	0.21332	0.21629	0.03828	0.037	0.02085	0.02075	3.17E-04	5.36E-05	5.50E-05	1.56E-05	1.50E-05	3.04E-06	3.02E-06	4.5646E-04
608234.28	4200794.35	12596.67441	0.21078	0.21375	0.03898	0.03768	0.02091	0.02081	3.17E-04	5.29E-05	5.44E-05	1.59E-05	1.53E-05	3.05E-06	3.03E-06	4.5525E-04
608234.28	4200801.95	12577.75435	0.20826	0.21123	0.03967	0.03836	0.02097	0.02087	3.16E-04	5.23E-05	5.37E-05	1.62E-05	1.56E-05	3.06E-06	3.04E-06	4.5405E-04
608234.28	4200809.55	12558.20532	0.20575	0.20872	0.04037	0.03905	0.02103	0.02093	3.16E-04	5.17E-05	5.31E-05	1.64E-05	1.58E-05	3.07E-06	3.05E-06	4.5286E-04
608234.28	4200817.15	12538.27385	0.20324	0.20621	0.04108	0.03974	0.02109	0.02098	3.15E-04	5.10E-05	5.25E-05	1.67E-05	1.61E-05	3.08E-06	3.06E-06	4.5166E-04
608234.28	4200824.75	12517.81046	0.20075	0.20371	0.04178	0.04043	0.02115	0.02103	3.15E-04	5.04E-05	5.18E-05	1.70E-05	1.64E-05	3.09E-06	3.07E-06	4.5045E-04
608234.28	4200832.35	12497.23363	0.19828	0.20124	0.04249	0.04113	0.0212	0.02109	3.14E-04	4.98E-05	5.12E-05	1.73E-05	1.67E-05	3.10E-06	3.07E-06	4.4925E-04
608234.28	4200839.95	12476.57294	0.19583	0.19877	0.04321	0.04183	0.02125	0.02114	3.14E-04	4.92E-05	5.06E-05	1.76E-05	1.70E-05	3.10E-06	3.08E-06	4.4807E-04
608234.28	4200847.55	12455.98792	0.19339	0.19633	0.04392	0.04253	0.02131	0.02119	3.13E-04	4.86E-05	5.00E-05	1.79E-05	1.73E-05	3.11E-06	3.09E-06	4.4689E-04
608234.28	4200855.15	12435.25676	0.19098	0.19391	0.04464	0.04324	0.02136	0.02123	3.13E-04	4.80E-05	4.93E-05	1.82E-05	1.75E-05	3.12E-06	3.09E-06	4.4573E-04
608234.28	4200862.75	12413.80395	0.18858	0.1915	0.04536	0.04395	0.02141	0.02128	3.12E-04	4.74E-05	4.87E-05	1.85E-05	1.78E-05	3.13E-06	3.10E-06	4.4455E-04
608234.28	4200870.35	12392.05859	0.18621	0.18912	0.04608	0.04466	0.02145	0.02132	3.12E-04	4.68E-05	4.81E-05	1.88E-05	1.81E-05	3.13E-06	3.11E-06	4.4339E-04
608240.38	4200722.19	12716.67085	0.2313	0.23416	0.03258	0.03146	0.02021	0.02014	3.20E-04	5.81E-05	5.96E-05	1.33E-05	1.28E-05	2.95E-06	2.94E-06	4.6348E-04
608240.73	4200729.53	12695.45718	0.22868	0.23155	0.03319	0.03205	0.02028	0.0202	3.19E-04	5.74E-05	5.89E-05	1.35E-05	1.30E-05	2.96E-06	2.94E-06	4.6211E-04
608241.15	4200741.15	12663.441	0.22462	0.2275	0.03417	0.033	0.02038	0.0203	3.18E-04	5.64E-05	5.79E-05	1.39E-05	1.34E-05	2.98E-06	2.96E-06	4.6004E-04
608241.15	4200748.75	12645.02768	0.22213	0.22501	0.03482	0.03364	0.02045	0.02037	3.18E-04	5.58E-05	5.72E-05	1.42E-05	1.36E-05	2.99E-06	2.97E-06	4.5884E-04
608241.15	4200756.35	12626.6514	0.21964	0.22253	0.03547	0.03427	0.02052	0.02043	3.18E-04	5.52E-05	5.66E-05	1.44E-05	1.39E-05	3.00E-06	2.98E-06	4.5765E-04
608241.15	4200763.95	12608.37218	0.21715	0.22005	0.03614	0.03492	0.02058	0.02049	3.17E-04	5.45E-05	5.60E-05	1.47E-05	1.42E-05	3.01E-06	2.99E-06	4.5647E-04
608241.15	4200771.55	12589.79282	0.21467	0.21757	0.0368	0.03557	0.02065	0.02056	3.17E-04	5.39E-05	5.54E-05	1.50E-05	1.44E-05	3.02E-06	3.00E-06	4.5528E-04
608241.15	4200779.15	12570.80449	0.21218	0.21509	0.03748	0.03623	0.02071	0.02062	3.16E-04	5.33E-05	5.47E-05	1.53E-05	1.47E-05	3.02E-06	3.01E-06	4.5409E-04
608241.15	4200786.75	12551.58276	0.20971	0.21261	0.03816	0.03689	0.02077	0.02068	3.16E-04	5.27E-05	5.41E-05	1.55E-05	1.50E-05	3.03E-06	3.01E-06	4.5290E-04
608241.15	4200794.35	12532.43602	0.20724	0.21014	0.03884	0.03756	0.02084	0.02074	3.15E-04	5.20E-05	5.35E-05	1.58E-05	1.52E-05	3.04E-06	3.02E-06	4.5172E-04
608241.15	4200801.95	12513.63728	0.20479	0.20769	0.03952	0.03823	0.0209	0.02079	3.15E-04	5.14E-05	5.28E-05	1.61E-05	1.55E-05	3.05E-06	3.03E-06	4.5056E-04
608241.15	4200809.55	12494.4122	0.20235	0.20525	0.04021	0.03891	0.02095	0.02085	3.14E-04	5.08E-05	5.22E-05	1.64E-05	1.58E-05	3.06E-06	3.04E-06	4.4940E-04
608241.15	4200817.15	12474.70235	0.19991	0.20281	0.04091	0.03959	0.02101	0.0209	3.14E-04	5.02E-05	5.16E-05	1.67E-05	1.61E-05	3.07E-06	3.05E-06	4.4823E-04
608241.15	4200824.75	12454.56251	0.19749	0.20039	0.0416	0.04027	0.02107	0.02095	3.13E-04	4.96E-05	5.10E-05	1.69E-05	1.63E-05	3.08E-06	3.05E-06	4.4705E-04
608241.15	4200832.35	12434.21238	0.19509	0.19798	0.0423	0.04096	0.02112	0.02101	3.13E-04	4.90E-05	5.04E-05	1.72E-05	1.66E-05	3.08E-06	3.06E-06	4.4589E-04
608241.15	4200839.95	12413.68201	0.1927	0.19558	0.04301	0.04165	0.02117	0.02106	3.12E-04	4.84E-05	4.98E-05	1.75E-05	1.69E-05	3.09E-06	3.07E-06	4.4473E-04
608241.15	4200847.55	12393.13644	0.19033	0.1932	0.04371	0.04234	0.02122	0.0211	3.12E-04	4.78E-05	4.92E-05	1.78E-05	1.72E-05	3.10E-06	3.08E-06	4.4358E-04
608241.15	4200855.15	12372.33786	0.18798	0.19084	0.04442	0.04304	0.02127	0.02115	3.11E-04	4.72E-05	4.86E-05	1.81E-05	1.75E-05	3.11E-06	3.08E-06	4.4244E-04
608241.15	4200862.75	12351.43528	0.18565	0.1885	0.04513	0.04374	0.02132	0.0212	3.11E-04	4.66E-05	4.80E-05	1.84E-05	1.77E-05	3.11E-06	3.09E-06	4.4131E-04
608241.15	4200870.35	12330.03217	0.18334	0.18618	0.04584	0.04444	0.02137	0.02124	3.10E-04	4.60E-05	4.74E-05	1.87E-05	1.80E-05	3.12E-06	3.10E-06	4.4017E-04
608248.02	4200741.15	12598.25102	0.22065	0.22346	0.03409	0.03293	0.02031	0.02023	3.17E-04	5.54E-05	5.69E-05	1.39E-05	1.34E-05	2.97E-06	2.95E-06	4.5632E-04
608248.02	4200748.75	12579.839	0.21823	0.22105	0.03473	0.03356	0.02038	0.02029	3.16E-04	5.48E-05	5.62E-05	1.41E-05	1.36E-05	2.98E-06	2.96E-06	4.5515E-04
608248.02	4200756.35	12561.76574	0.21582	0.21864	0.03538	0.03419	0.02045	0.02036	3.16E-04	5.42E-05	5.56E-05	1.44E-05	1.39E-05	2.99E-06	2.97E-06	4.5400E-04
608248.02	4200763.95	12543.78203	0.21341	0.21624	0.03603	0.03483	0.02051	0.02042	3.15E-04	5.36E-05	5.50E-05	1.47E-05	1.41E-05	3.00E-06	2.98E-06	4.5285E-04
608248.02	4200771.55	12525.51336	0.21099	0.21383	0.03669	0.03547	0.02058	0.02048	3.15E-04	5.30E-05	5.44E-05	1.49E-05	1.44E-05	3.01E-06	2.99E-06	4.5170E-04
608248.02	4200779.15	12506.74281	0.20858	0.21142	0.03736	0.03612	0.02064	0.02054	3.15E-04	5.24E-05	5.38E-05	1.52E-05	1.47E-05	3.01E-06	2.99E-06	4.5055E-04
608248.02	4200786.75	12487.73117	0.20618	0.20902	0.03803	0.03678	0.0207	0.0206	3.14E-04	5.18E-05	5.32E-05	1.55E-05	1.49E-05	3.02E-06	3.00E-06	4.4940E-04
608248.02	4200794.35	12468.79082	0.20378	0.20662	0.0387	0.03743	0.02076	0.02066	3.14E-04	5.12E-05	5.26E-05	1.58E-05	1.52E-05	3.03E-06	3.01E-06	4.4824E-04
608248.02	4200801.95	12449.91112	0.20139	0.20423	0.03938	0.0381	0.02082	0.02072	3.13E-04	5.06E-05	5.20E-05	1.60E-05	1.55E-05	3.04E-06	3.02E-06	4.4711E-04
608248.02	4200809.55	12431.0098	0.19902	0.20186	0.04006	0.03877	0.02088	0.02077	3.13E-04	5.00E-05	5.14E-05	1.63E-05	1.57E-05	3.05E-06	3.03E-06	4.4598E-04
608248.02	4200817.15	12411.61743	0.19666	0.19949	0.04074	0.03944	0.02093	0.02082	3.12E-04	4.94E-05	5.08E-05	1.66E-05	1.60E-05	3.06E-06	3.03E-06	4.4485E-04
608248.02	4200824.75	12391.79764	0.1943	0.19714	0.04143	0.04011	0.02099	0.02088	3.12E-04	4.88E-05	5.02E-05	1.69E-05	1.63E-05	3.07E-06	3.04E-06	4.4371E-04
608248.02	4200832.35	12371.67019	0.19196	0.19479	0.04212	0.04079	0.02104	0.02093	3.11E-04	4.82E-05	4.96E-05	1.72E-05	1.65E-05	3.07E-06	3.05E-06	4.4258E-04
608248.02	4200839.95	12351.47206	0.18964	0.19246	0.04282	0.04147	0.02109	0.02097	3.11E-04	4.76E-05	4.90E-05	1.74E-05	1.68E-05	3.08E-06	3.06E-06	4.4146E-04
608248.02	4200847.55	12330.96079	0.18733	0.19014	0.04351	0.04216	0.02114	0.02102	3.10E-04	4.70E-05	4.84E-05	1.77E-05	1.71E-05	3.09E-06	3.06E-06	4.4033E-04
608248.02	4200855.15	12310.29499	0.18504	0.18784	0.04421	0.04284	0.02119	0.02107	3.10E-04	4.65E-05	4.78E-05	1.80E-05	1.74E-05	3.09E-06	3.07E-06	4.3921E-04
608248.02	4200862.75	12289.42751	0.18277	0.18556	0.04491	0.04353	0.02124	0.02111	3.09E-04	4.59E-05	4.72E-05	1.83E-05	1.77E-05	3.10E-06	3.08E-06	4.3810E-04
608248.02	4200870.35	12268.4655	0.18052	0.1833	0.0456	0.04422	0.02128	0.02116	3.09E-04	4.53E-05	4.66E-05	1.86E-05	1.79E-05	3.11E-06	3.08E-06	4.3700E-04
608248.07	4200730.93	12622.27993	0.22387	0.22667	0.03323	0.0321	0.02022	0.02014	3.17E-04	5.62E-05	5.77E-05	1.35E-05	1.30E-05	2.95E-06	2.94E-06	4.5786E-04
608248.42	4200723.59	12636.54902	0.22599	0.22877	0.03262	0.03151	0.02014	0.02007	3.18E-04	5.68E-05	5.82E-05	1.33E-05	1.28E-05	2.94E-06	2.93E-06	4.5880E-04
608254.89	4200741.15	12533.76704	0.21678	0.21953	0.034	0.03287	0.02024	0.02016	3.15E-04	5.44E-05	5.59E-05	1.38E-05	1.33E-05	2.96E-06	2.94E-06	4.5266E-04
608254.89	4200748.75	12515.5592	0.21443	0.21719	0.03464	0.03349	0.02031	0.02022	3.15E-04	5.39E-05	5.53E-05	1.41E-05	1.36E-05	2.97E-06	2.95E-06	4.5153E-04
608254.89	4200756.35	12497.58309	0.21209	0.21485	0.03528	0.03411	0.02037	0.02029	3.14E-04	5.33E-05	5.47E-05	1.44E-05	1.38E-05	2.97E-06	2.96E-06	4.5041E-04
608254.89	4200763.95	12479.6862	0.20975	0.21252	0.03593	0.03474	0.02044	0.02035	3.14E-04	5.27E-05	5.41E-05	1.46E-05	1.41E-05	2.98E-06	2.97E-06	4.4930E-04
608254.89	4200771.55	12461.72594	0.20741	0.21018	0.03658	0.03538	0.0205	0.02041	3.13E-04	5.21E-05	5.35E-05	1.49E-05	1.44E-05	2.99E-06	2.97E-06	4.4819E-04
608254.89	4200779.15	12443.27202	0.20507	0.20784	0.03724	0.03602	0.02057	0.02047	3.13E-04	5.15E-05	5.29E-05	1.52E-05	1.46E-05	3.00E-06	2.98E-06	4.4707E-04
608254.89	4200786.75	12424.56161	0.20273	0.20551	0.0379	0.03666	0.02063	0.02053	3.12E-04	5.09E-05	5.23E-05	1.54E-05	1.49E-05	3.01E-06	2.99E-06	4.4595E-04
608254.89	4200794.35	12405.72822	0.2004	0.20318	0.03856	0.03731	0.02068	0.02058	3.12E-04	5.03E-05	5.17E-05	1.57E-05	1.51E-05	3.02E-06	3.00E-06	4.4483E-04
608254.89	4200801.95	12386.7669	0.19808	0.20086	0.03923	0.03797	0.02074	0.02064	3.11E-04	4.97E-05	5.11E-05	1.60E-05	1.54E-05	3.03E-06	3.01E-06	4.4372E-04
608254.89	4200809.55	12368.08697	0.19577	0.19855	0.0399	0.03863	0.0208	0.02069	3.11E-04	4.92E-05	5.05E-05	1.63E-05	1.57E-05	3.04E-06	3.02E-06	4.4262E-04
608254.89	4200817.15	12349.00699	0.19347	0.19625	0.04058	0.03929	0.02085	0.02075	3.11E-04	4.86E-05	4.99E-05	1.65E-05	1.59E-05	3.04E-06	3.02E-06	4.4152E-04
608254.89	4200824.75	12329.60812	0.19119	0.19396	0.04126	0.03996	0.02091	0.0208	3.10E-04	4.80E-05	4.93E-05	1.68E-05	1.62E-05	3.05E-06	3.03E-06	4.4043E-04
608254.89	4200832.35	12309.69943	0.18891	0.19168	0.04194	0.04062	0.02096	0.02085	3.10E-04	4.74E-05	4.88E-05	1.71E-05	1.65E-05	3.06E-06	3.04E-06	4.3932E-04
608254.89	4200839.95	12289.73459	0.18665	0.18941	0.04262	0.0413	0.02101	0.02089	3.09E-04	4.69E-05	4.82E-05	1.74E-05	1.68E-05	3.07E-06	3.04E-06	4.3823E-04
608254.89	4200847.55	12269.55399	0.1844	0.18715	0.04331	0.04197	0.02106	0.02094	3.09E-04	4.63E-05	4.76E-05	1.76E-05	1.70E-05	3.08E-06	3.05E-06	4.3713E-04
608254.89	4200855.15	12248.91594	0.18217	0.18491	0.04399	0.04265	0.02111	0.02099	3.08E-04	4.58E-05	4.70E-05	1.79E-05	1.73E-05	3.08E-06	3.06E-06	4.3604E-04
608254.89	4200862.75	12228.08139	0.17996	0.18269	0.04468	0.04333	0.02115	0.02103	3.07E-04	4.52E-05	4.65E-05	1.82E-05	1.76E-05	3.09E-06	3.07E-06	4.3495E-04
608254.89	4200870.35	12207.35032	0.17777	0.18049	0.04537	0.04401	0.0212	0.02107	3.07E-04	4.46E-05	4.59E-05	1.85E-05	1.79E-05	3.10E-06	3.07E-06	4.3387E-04
608255.41	4200731.98	12550.6033	0.21931	0.22205	0.03324	0.03212	0.02015	0.02008	3.16E-04	5.51E-05	5.65E-05	1.35E-05	1.30E-05	2.94E-06	2.93E-06	4.5375E-04
608255.76	4200725.34	12562.83782	0.22115	0.22387	0.03269	0.03159	0.02009	0.02001	3.16E-04	5.55E-05	5.70E-05	1.33E-05	1.28E-05	2.93E-06	2.92E-06	4.5454E-04
608261.76	4200741.15	12469.8813	0.21301	0.2157	0.03392	0.0328	0.02017	0.02009	3.14E-04	5.35E-05	5.49E-05	1.38E-05	1.33E-05	2.95E-06	2.93E-06	4.4907E-04
608261.76	4200748.75	12451.97364	0.21073	0.21343	0.03455	0.03341	0.02024	0.02016	3.13E-04	5.29E-05	5.43E-05	1.41E-05	1.36E-05	2.96E-06	2.94E-06	4.4798E-04
608261.76	4200756.35	12433.99433	0.20845	0.21116	0.03518	0.03403	0.0203	0.02022	3.13E-04	5.24E-05	5.37E-05	1.43E-05	1.38E-05	2.96E-06	2.95E-06	4.4688E-04
608261.76	4200763.95	12416.0803	0.20618	0.20889	0.03582	0.03465	0.02037	0.02028	3.12E-04	5.18E-05	5.31E-05	1.46E-05	1.41E-05	2.97E-06	2.96E-06	4.4580E-04
608261.76	4200771.55	12398.42993	0.20391	0.20662	0.03647	0.03528	0.02043	0.02034	3.12E-04	5.12E-05	5.26E-05	1.49E-05	1.43E-05	2.98E-06	2.96E-06	4.4473E-04
608261.76	4200779.15	12380.28616	0.20163	0.20435	0.03711	0.03591	0.02049	0.0204	3.11E-04	5.06E-05	5.20E-05	1.51E-05	1.46E-05	2.99E-06	2.97E-06	4.4364E-04
608261.76	4200786.75	12361.87108	0.19937	0.20208	0.03777	0.03655	0.02055	0.02045	3.11E-04	5.01E-05	5.14E-05	1.54E-05	1.48E-05	3.00E-06	2.98E-06	4.4256E-04
608261.76	4200794.35	12343.24618	0.1971	0.19982	0.03842	0.03719	0.02061	0.02051	3.10E-04	4.95E-05	5.08E-05	1.56E-05	1.51E-05	3.01E-06	2.99E-06	4.4147E-04
608261.76	4200801.95	12324.40081	0.19484	0.19756	0.03908	0.03784	0.02067	0.02056	3.10E-04	4.89E-05	5.03E-05	1.59E-05	1.53E-05	3.02E-06	3.00E-06	4.4038E-04
608261.76	4200809.55	12305.73374	0.1926	0.19531	0.03975	0.03849	0.02072	0.02062	3.09E-04	4.84E-05	4.97E-05	1.62E-05	1.56E-05	3.03E-06	3.01E-06	4.3932E-04
608261.76	4200817.15	12286.8616	0.19036	0.19307	0.04041	0.03914	0.02078	0.02067	3.09E-04	4.78E-05	4.91E-05	1.65E-05	1.59E-05	3.03E-06	3.01E-06	4.3824E-04
608261.76	4200824.75	12267.88016	0.18814	0.19085	0.04108	0.0398	0.02083	0.02072	3.08E-04	4.73E-05	4.86E-05	1.67E-05	1.61E-05	3.04E-06	3.02E-06	4.3718E-04
608261.76	4200832.35	12248.29302	0.18593	0.18863	0.04175	0.04046	0.02088	0.02077	3.08E-04	4.67E-05	4.80E-05	1.70E-05	1.64E-05	3.05E-06	3.03E-06	4.3611E-04
608261.76	4200839.95	12228.55802	0.18373	0.18642	0.04243	0.04112	0.02093	0.02081	3.08E-04	4.61E-05	4.74E-05	1.73E-05	1.67E-05	3.06E-06	3.03E-06	4.3504E-04
608261.76	4200847.55	12208.60864	0.18154	0.18423	0.0431	0.04179	0.02098	0.02086	3.07E-04	4.56E-05	4.69E-05	1.76E-05	1.70E-05	3.06E-06	3.04E-06	4.3398E-04
608261.76	4200855.15	12188.29894	0.17937	0.18205	0.04378	0.04245	0.02103	0.0209	3.06E-04	4.50E-05	4.63E-05	1.78E-05	1.72E-05	3.07E-06	3.05E-06	4.3291E-04
608261.76	4200862.75	12167.49237	0.17721	0.17988	0.04446	0.04312	0.02107	0.02095	3.06E-04	4.45E-05	4.58E-05	1.81E-05	1.75E-05	3.08E-06	3.05E-06	4.3184E-04
608261.76	4200870.35	12146.79206	0.17507	0.17773	0.04514	0.0438	0.02112	0.02099	3.05E-04	4.40E-05	4.52E-05	1.84E-05	1.78E-05	3.08E-06	3.06E-06	4.3079E-04
608268.63	4200741.15	12406.08854	0.20932	0.21195	0.03384	0.03273	0.0201	0.02002	3.12E-04	5.26E-05	5.39E-05	1.38E-05	1.33E-05	2.94E-06	2.92E-06	4.4553E-04
608268.63	4200748.75	12388.57515	0.20711	0.20975	0.03446	0.03333	0.02017	0.02009	3.12E-04	5.20E-05	5.34E-05	1.40E-05	1.35E-05	2.95E-06	2.93E-06	4.4447E-04
608268.63	4200756.35	12370.98087	0.20491	0.20755	0.03508	0.03394	0.02023	0.02015	3.11E-04	5.15E-05	5.28E-05	1.43E-05	1.38E-05	2.95E-06	2.94E-06	4.4341E-04
608268.63	4200763.95	12353.15753	0.20269	0.20535	0.03572	0.03456	0.0203	0.02021	3.11E-04	5.09E-05	5.22E-05	1.45E-05	1.40E-05	2.96E-06	2.95E-06	4.4236E-04
608268.63	4200771.55	12335.91047	0.20049	0.20315	0.03635	0.03518	0.02036	0.02027	3.10E-04	5.04E-05	5.17E-05	1.48E-05	1.43E-05	2.97E-06	2.95E-06	4.4132E-04
608268.63	4200779.15	12317.97139	0.19828	0.20094	0.03699	0.03581	0.02042	0.02032	3.10E-04	4.98E-05	5.11E-05	1.51E-05	1.45E-05	2.98E-06	2.96E-06	4.4027E-04
608268.63	4200786.75	12299.75122	0.19608	0.19874	0.03764	0.03644	0.02048	0.02038	3.09E-04	4.92E-05	5.06E-05	1.53E-05	1.48E-05	2.99E-06	2.97E-06	4.3922E-04
608268.63	4200794.35	12281.33092	0.19388	0.19654	0.03828	0.03707	0.02054	0.02043	3.09E-04	4.87E-05	5.00E-05	1.56E-05	1.50E-05	3.00E-06	2.98E-06	4.3816E-04
608268.63	4200801.95	12262.80516	0.19168	0.19434	0.03893	0.03771	0.02059	0.02049	3.08E-04	4.81E-05	4.94E-05	1.59E-05	1.53E-05	3.01E-06	2.99E-06	4.3711E-04
608268.63	4200809.55	12244.04661	0.1895	0.19215	0.03959	0.03835	0.02065	0.02054	3.08E-04	4.76E-05	4.89E-05	1.61E-05	1.56E-05	3.02E-06	2.99E-06	4.3606E-04
608268.63	4200817.15	12225.38039	0.18732	0.18998	0.04025	0.03899	0.0207	0.02059	3.07E-04	4.70E-05	4.83E-05	1.64E-05	1.58E-05	3.02E-06	3.00E-06	4.3502E-04
608268.63	4200824.75	12206.8093	0.18516	0.18781	0.04091	0.03964	0.02075	0.02064	3.07E-04	4.65E-05	4.78E-05	1.67E-05	1.61E-05	3.03E-06	3.01E-06	4.3399E-04
608268.63	4200832.35	12187.44034	0.18301	0.18565	0.04157	0.04029	0.0208	0.02069	3.06E-04	4.60E-05	4.72E-05	1.69E-05	1.63E-05	3.04E-06	3.02E-06	4.3295E-04
608268.63	4200839.95	12167.92841	0.18087	0.1835	0.04224	0.04095	0.02085	0.02073	3.06E-04	4.54E-05	4.67E-05	1.72E-05	1.66E-05	3.04E-06	3.02E-06	4.3191E-04
608268.63	4200847.55	12148.20731	0.17874	0.18137	0.0429	0.0416	0.0209	0.02078	3.05E-04	4.49E-05	4.61E-05	1.75E-05	1.69E-05	3.05E-06	3.03E-06	4.3087E-04
608268.63	4200855.15	12128.12093	0.17662	0.17924	0.04357	0.04226	0.02095	0.02082	3.05E-04	4.44E-05	4.56E-05	1.77E-05	1.71E-05	3.06E-06	3.03E-06	4.2983E-04
608268.63	4200862.75	12107.64281	0.17452	0.17713	0.04424	0.04292	0.02099	0.02086	3.04E-04	4.38E-05	4.51E-05	1.80E-05	1.74E-05	3.07E-06	3.04E-06	4.2879E-04
608268.63	4200870.35	12086.97573	0.17244	0.17504	0.04491	0.04358	0.02103	0.02091	3.04E-04	4.33E-05	4.45E-05	1.83E-05	1.77E-05	3.07E-06	3.05E-06	4.2776E-04
608275.5	4200733.55	12360.35544	0.20786	0.21043	0.03315	0.03206	0.01997	0.01989	3.11E-04	5.22E-05	5.35E-05	1.35E-05	1.30E-05	2.92E-06	2.90E-06	4.4307E-04
608275.5	4200741.15	12342.88162	0.20572	0.2083	0.03375	0.03266	0.02003	0.01995	3.10E-04	5.17E-05	5.30E-05	1.37E-05	1.32E-05	2.93E-06	2.91E-06	4.4204E-04
608275.5	4200748.75	12325.85704	0.20359	0.20617	0.03437	0.03325	0.0201	0.02002	3.10E-04	5.11E-05	5.25E-05	1.40E-05	1.35E-05	2.94E-06	2.92E-06	4.4103E-04
608275.5	4200756.35	12308.64108	0.20144	0.20403	0.03499	0.03386	0.02016	0.02008	3.10E-04	5.06E-05	5.19E-05	1.43E-05	1.37E-05	2.94E-06	2.93E-06	4.4001E-04
608275.5	4200763.95	12291.10736	0.1993	0.20189	0.03561	0.03447	0.02023	0.02014	3.09E-04	5.01E-05	5.14E-05	1.45E-05	1.40E-05	2.95E-06	2.94E-06	4.3899E-04
608275.5	4200771.55	12273.76436	0.19715	0.19975	0.03624	0.03508	0.02029	0.02019	3.09E-04	4.95E-05	5.08E-05	1.48E-05	1.42E-05	2.96E-06	2.94E-06	4.3797E-04
608275.5	4200779.15	12256.12775	0.19501	0.19761	0.03687	0.0357	0.02035	0.02025	3.08E-04	4.90E-05	5.03E-05	1.50E-05	1.45E-05	2.97E-06	2.95E-06	4.3695E-04
608275.5	4200786.75	12238.19804	0.19287	0.19547	0.03751	0.03632	0.0204	0.02031	3.08E-04	4.84E-05	4.97E-05	1.53E-05	1.47E-05	2.98E-06	2.96E-06	4.3593E-04
608275.5	4200794.35	12219.98071	0.19073	0.19333	0.03814	0.03695	0.02046	0.02036	3.07E-04	4.79E-05	4.92E-05	1.55E-05	1.50E-05	2.99E-06	2.97E-06	4.3491E-04
608275.5	4200801.95	12201.66452	0.1886	0.1912	0.03879	0.03758	0.02052	0.02041	3.07E-04	4.74E-05	4.86E-05	1.58E-05	1.52E-05	3.00E-06	2.97E-06	4.3389E-04
608275.5	4200809.55	12183.21506	0.18647	0.18907	0.03943	0.03821	0.02057	0.02046	3.06E-04	4.68E-05	4.81E-05	1.61E-05	1.55E-05	3.00E-06	2.98E-06	4.3286E-04
608275.5	4200817.15	12164.65244	0.18435	0.18695	0.04008	0.03885	0.02062	0.02051	3.06E-04	4.63E-05	4.76E-05	1.63E-05	1.58E-05	3.01E-06	2.99E-06	4.3185E-04
608275.5	4200824.75	12146.09277	0.18225	0.18484	0.04073	0.03949	0.02067	0.02056	3.05E-04	4.58E-05	4.70E-05	1.66E-05	1.60E-05	3.02E-06	3.00E-06	4.3084E-04
608275.5	4200832.35	12127.04198	0.18016	0.18274	0.04139	0.04013	0.02072	0.02061	3.05E-04	4.52E-05	4.65E-05	1.69E-05	1.63E-05	3.03E-06	3.00E-06	4.2983E-04
608275.5	4200839.95	12107.8476	0.17807	0.18065	0.04204	0.04078	0.02077	0.02066	3.04E-04	4.47E-05	4.60E-05	1.71E-05	1.65E-05	3.03E-06	3.01E-06	4.2882E-04
608275.5	4200847.55	12088.34778	0.176	0.17857	0.0427	0.04142	0.02082	0.0207	3.04E-04	4.42E-05	4.54E-05	1.74E-05	1.68E-05	3.04E-06	3.02E-06	4.2781E-04
608275.5	4200855.15	12068.47724	0.17394	0.1765	0.04336	0.04207	0.02086	0.02074	3.03E-04	4.37E-05	4.49E-05	1.77E-05	1.71E-05	3.05E-06	3.02E-06	4.2680E-04
608275.5	4200862.75	12048.2215	0.17189	0.17444	0.04402	0.04272	0.02091	0.02078	3.03E-04	4.32E-05	4.44E-05	1.79E-05	1.73E-05	3.05E-06	3.03E-06	4.2578E-04
608275.5	4200870.35	12027.79092	0.16986	0.1724	0.04468	0.04338	0.02095	0.02082	3.02E-04	4.27E-05	4.39E-05	1.82E-05	1.76E-05	3.06E-06	3.03E-06	4.2478E-04
608282.37	4200733.55	12298.1314	0.2043	0.20681	0.03307	0.032	0.0199	0.01982	3.09E-04	5.13E-05	5.26E-05	1.35E-05	1.30E-05	2.91E-06	2.89E-06	4.3963E-04
608282.37	4200741.15	12280.75221	0.20222	0.20474	0.03367	0.03258	0.01997	0.01988	3.09E-04	5.08E-05	5.21E-05	1.37E-05	1.32E-05	2.92E-06	2.90E-06	4.3863E-04
608282.37	4200748.75	12263.81916	0.20014	0.20267	0.03428	0.03318	0.02003	0.01995	3.08E-04	5.03E-05	5.16E-05	1.40E-05	1.35E-05	2.93E-06	2.91E-06	4.3765E-04
608282.37	4200756.35	12246.77832	0.19806	0.2006	0.03489	0.03377	0.02009	0.02001	3.08E-04	4.97E-05	5.10E-05	1.42E-05	1.37E-05	2.93E-06	2.92E-06	4.3666E-04
608282.37	4200763.95	12229.43147	0.19598	0.19852	0.0355	0.03437	0.02015	0.02006	3.08E-04	4.92E-05	5.05E-05	1.45E-05	1.39E-05	2.94E-06	2.92E-06	4.3566E-04
608282.37	4200771.55	12211.99223	0.19389	0.19644	0.03612	0.03498	0.02021	0.02012	3.07E-04	4.87E-05	5.00E-05	1.47E-05	1.42E-05	2.95E-06	2.93E-06	4.3467E-04
608282.37	4200779.15	12194.65292	0.19181	0.19436	0.03675	0.03559	0.02027	0.02018	3.07E-04	4.82E-05	4.94E-05	1.50E-05	1.44E-05	2.96E-06	2.94E-06	4.3368E-04
608282.37	4200786.75	12177.10656	0.18973	0.19228	0.03738	0.03621	0.02033	0.02023	3.06E-04	4.76E-05	4.89E-05	1.52E-05	1.47E-05	2.97E-06	2.95E-06	4.3270E-04
608282.37	4200794.35	12159.28966	0.18766	0.1902	0.03801	0.03682	0.02039	0.02029	3.06E-04	4.71E-05	4.84E-05	1.55E-05	1.49E-05	2.98E-06	2.96E-06	4.3171E-04
608282.37	4200801.95	12141.17739	0.18558	0.18813	0.03864	0.03745	0.02044	0.02034	3.05E-04	4.66E-05	4.79E-05	1.57E-05	1.52E-05	2.98E-06	2.96E-06	4.3071E-04
608282.37	4200809.55	12122.83253	0.18351	0.18605	0.03928	0.03807	0.02049	0.02039	3.05E-04	4.61E-05	4.73E-05	1.60E-05	1.54E-05	2.99E-06	2.97E-06	4.2972E-04
608282.37	4200817.15	12104.3731	0.18145	0.18399	0.03992	0.0387	0.02055	0.02044	3.04E-04	4.56E-05	4.68E-05	1.63E-05	1.57E-05	3.00E-06	2.98E-06	4.2873E-04
608282.37	4200824.75	12085.62391	0.1794	0.18194	0.04056	0.03933	0.0206	0.02048	3.04E-04	4.51E-05	4.63E-05	1.65E-05	1.60E-05	3.01E-06	2.99E-06	4.2773E-04
608282.37	4200832.35	12067.18286	0.17736	0.1799	0.04121	0.03997	0.02065	0.02053	3.03E-04	4.45E-05	4.58E-05	1.68E-05	1.62E-05	3.02E-06	2.99E-06	4.2676E-04
608282.37	4200839.95	12048.30599	0.17534	0.17786	0.04185	0.0406	0.02069	0.02058	3.03E-04	4.40E-05	4.53E-05	1.70E-05	1.65E-05	3.02E-06	3.00E-06	4.2578E-04
608282.37	4200847.55	12029.02223	0.17332	0.17583	0.0425	0.04124	0.02074	0.02062	3.02E-04	4.35E-05	4.47E-05	1.73E-05	1.67E-05	3.03E-06	3.01E-06	4.2479E-04
608282.37	4200855.15	12009.36918	0.17131	0.17382	0.04315	0.04188	0.02078	0.02066	3.02E-04	4.30E-05	4.42E-05	1.76E-05	1.70E-05	3.03E-06	3.01E-06	4.2381E-04
608282.37	4200862.75	11989.33677	0.16932	0.17181	0.0438	0.04253	0.02083	0.0207	3.01E-04	4.25E-05	4.37E-05	1.78E-05	1.73E-05	3.04E-06	3.02E-06	4.2282E-04
608282.37	4200870.35	11969.13362	0.16734	0.16982	0.04445	0.04317	0.02087	0.02074	3.01E-04	4.20E-05	4.32E-05	1.81E-05	1.75E-05	3.05E-06	3.02E-06	4.2183E-04
608289.24	4200733.55	12236.66709	0.20082	0.20328	0.03299	0.03193	0.01984	0.01976	3.08E-04	5.04E-05	5.17E-05	1.34E-05	1.30E-05	2.90E-06	2.88E-06	4.3626E-04
608289.24	4200741.15	12219.3862	0.1988	0.20127	0.03359	0.03251	0.0199	0.01982	3.07E-04	4.99E-05	5.12E-05	1.37E-05	1.32E-05	2.91E-06	2.89E-06	4.3528E-04
608289.24	4200748.75	12202.34979	0.19678	0.19926	0.03419	0.0331	0.01996	0.01988	3.07E-04	4.94E-05	5.07E-05	1.39E-05	1.34E-05	2.91E-06	2.90E-06	4.3432E-04
608289.24	4200756.35	12185.28621	0.19476	0.19724	0.03479	0.03369	0.02002	0.01994	3.06E-04	4.89E-05	5.02E-05	1.42E-05	1.37E-05	2.92E-06	2.91E-06	4.3335E-04
608289.24	4200763.95	12168.32413	0.19274	0.19523	0.0354	0.03428	0.02008	0.01999	3.06E-04	4.84E-05	4.97E-05	1.44E-05	1.39E-05	2.93E-06	2.91E-06	4.3240E-04
608289.24	4200771.55	12151.08159	0.19071	0.1932	0.03601	0.03488	0.02014	0.02005	3.06E-04	4.79E-05	4.92E-05	1.47E-05	1.41E-05	2.94E-06	2.92E-06	4.3143E-04
608289.24	4200779.15	12133.73807	0.18869	0.19118	0.03662	0.03548	0.0202	0.02011	3.05E-04	4.74E-05	4.86E-05	1.49E-05	1.44E-05	2.95E-06	2.93E-06	4.3046E-04
608289.24	4200786.75	12116.27741	0.18666	0.18916	0.03724	0.03609	0.02026	0.02016	3.05E-04	4.69E-05	4.81E-05	1.52E-05	1.46E-05	2.96E-06	2.94E-06	4.2950E-04
608289.24	4200794.35	12098.95131	0.18465	0.18714	0.03787	0.0367	0.02031	0.02021	3.04E-04	4.64E-05	4.76E-05	1.54E-05	1.49E-05	2.97E-06	2.95E-06	4.2855E-04

608289.24	4200801.95	12081.04247	0.18263	0.18512	0.03849	0.03732	0.02037	0.02026	3.04E-04	4.59E-05	4.71E-05	1.57E-05	1.51E-05	2.97E-06	2.95E-06	4.2758E-04
608289.24	4200809.55	12063.08765	0.18062	0.18311	0.03912	0.03793	0.02042	0.02031	3.03E-04	4.54E-05	4.66E-05	1.59E-05	1.54E-05	2.98E-06	2.96E-06	4.2662E-04
608289.24	4200817.15	12044.63139	0.17861	0.1811	0.03975	0.03855	0.02047	0.02036	3.03E-04	4.49E-05	4.61E-05	1.62E-05	1.56E-05	2.99E-06	2.97E-06	4.2564E-04
608289.24	4200824.75	12025.98937	0.17661	0.1791	0.04039	0.03918	0.02052	0.02041	3.02E-04	4.44E-05	4.56E-05	1.65E-05	1.59E-05	3.00E-06	2.97E-06	4.2468E-04
608289.24	4200832.35	12007.86035	0.17463	0.17711	0.04103	0.03981	0.02057	0.02045	3.02E-04	4.39E-05	4.51E-05	1.67E-05	1.61E-05	3.00E-06	2.98E-06	4.2374E-04
608289.24	4200839.95	11989.29294	0.17266	0.17513	0.04166	0.04043	0.02061	0.0205	3.01E-04	4.34E-05	4.46E-05	1.70E-05	1.64E-05	3.01E-06	2.99E-06	4.2278E-04
608289.24	4200847.55	11970.32099	0.17069	0.17316	0.0423	0.04106	0.02066	0.02054	3.01E-04	4.29E-05	4.41E-05	1.72E-05	1.67E-05	3.02E-06	2.99E-06	4.2182E-04
608289.24	4200855.15	11950.78364	0.16874	0.17119	0.04294	0.0417	0.0207	0.02058	3.01E-04	4.24E-05	4.36E-05	1.75E-05	1.69E-05	3.02E-06	3.00E-06	4.2086E-04
608289.24	4200862.75	11930.97844	0.16679	0.16924	0.04359	0.04233	0.02075	0.02062	3.00E-04	4.19E-05	4.31E-05	1.78E-05	1.72E-05	3.03E-06	3.01E-06	4.1990E-04
608289.24	4200870.35	11910.99949	0.16487	0.1673	0.04423	0.04296	0.02079	0.02066	3.00E-04	4.14E-05	4.26E-05	1.80E-05	1.74E-05	3.04E-06	3.01E-06	4.1894E-04
608296.11	4200733.55	12175.56459	0.19743	0.19983	0.03292	0.03187	0.01977	0.01969	3.06E-04	4.96E-05	5.08E-05	1.34E-05	1.29E-05	2.89E-06	2.87E-06	4.3294E-04
608296.11	4200741.15	12158.67324	0.19547	0.19789	0.0335	0.03244	0.01983	0.01975	3.06E-04	4.91E-05	5.03E-05	1.36E-05	1.32E-05	2.90E-06	2.88E-06	4.3199E-04
608296.11	4200748.75	12141.62548	0.19351	0.19593	0.03409	0.03302	0.01989	0.01981	3.05E-04	4.86E-05	4.98E-05	1.39E-05	1.34E-05	2.90E-06	2.89E-06	4.3105E-04
608296.11	4200756.35	12124.63475	0.19154	0.19397	0.03469	0.0336	0.01995	0.01987	3.05E-04	4.81E-05	4.94E-05	1.41E-05	1.36E-05	2.91E-06	2.90E-06	4.3011E-04
608296.11	4200763.95	12107.56844	0.18957	0.19201	0.03529	0.03419	0.02001	0.01992	3.04E-04	4.76E-05	4.89E-05	1.44E-05	1.39E-05	2.92E-06	2.90E-06	4.2917E-04
608296.11	4200771.55	12090.71711	0.18761	0.19004	0.0359	0.03478	0.02007	0.01998	3.04E-04	4.71E-05	4.84E-05	1.46E-05	1.41E-05	2.93E-06	2.91E-06	4.2824E-04
608296.11	4200779.15	12073.46546	0.18564	0.18807	0.0365	0.03538	0.02013	0.02003	3.04E-04	4.66E-05	4.78E-05	1.49E-05	1.44E-05	2.94E-06	2.92E-06	4.2730E-04
608296.11	4200786.75	12056.09044	0.18367	0.18611	0.03712	0.03598	0.02018	0.02009	3.03E-04	4.61E-05	4.74E-05	1.51E-05	1.46E-05	2.95E-06	2.93E-06	4.2636E-04
608296.11	4200794.35	12038.8617	0.18171	0.18415	0.03773	0.03658	0.02024	0.02014	3.03E-04	4.56E-05	4.69E-05	1.54E-05	1.48E-05	2.96E-06	2.94E-06	4.2543E-04
608296.11	4200801.95	12021.25042	0.17974	0.18218	0.03835	0.03719	0.02029	0.02019	3.02E-04	4.51E-05	4.64E-05	1.56E-05	1.51E-05	2.96E-06	2.94E-06	4.2449E-04
608296.11	4200809.55	12003.58258	0.17779	0.18022	0.03897	0.0378	0.02034	0.02024	3.02E-04	4.47E-05	4.59E-05	1.59E-05	1.53E-05	2.97E-06	2.95E-06	4.2356E-04
608296.11	4200817.15	11985.52246	0.17584	0.17827	0.03959	0.03841	0.02039	0.02028	3.01E-04	4.42E-05	4.54E-05	1.61E-05	1.56E-05	2.98E-06	2.96E-06	4.2262E-04
608296.11	4200824.75	11967.08077	0.17389	0.17632	0.04022	0.03902	0.02044	0.02033	3.01E-04	4.37E-05	4.49E-05	1.64E-05	1.58E-05	2.98E-06	2.96E-06	4.2168E-04
608296.11	4200832.35	11948.96693	0.17196	0.17439	0.04085	0.03964	0.02049	0.02038	3.00E-04	4.32E-05	4.44E-05	1.66E-05	1.61E-05	2.99E-06	2.97E-06	4.2075E-04
608296.11	4200839.95	11930.70254	0.17004	0.17246	0.04148	0.04026	0.02054	0.02042	3.00E-04	4.27E-05	4.39E-05	1.69E-05	1.63E-05	3.00E-06	2.98E-06	4.1983E-04
608296.11	4200847.55	11912.03519	0.16813	0.17054	0.04211	0.04089	0.02058	0.02046	3.00E-04	4.22E-05	4.34E-05	1.72E-05	1.66E-05	3.01E-06	2.98E-06	4.1890E-04
608296.11	4200855.15	11892.8081	0.16622	0.16862	0.04274	0.04151	0.02062	0.0205	2.99E-04	4.17E-05	4.29E-05	1.74E-05	1.68E-05	3.01E-06	2.99E-06	4.1796E-04
608296.11	4200862.75	11873.23195	0.16433	0.16672	0.04337	0.04213	0.02067	0.02054	2.99E-04	4.13E-05	4.24E-05	1.77E-05	1.71E-05	3.02E-06	2.99E-06	4.1702E-04
608296.11	4200870.35	11853.47764	0.16245	0.16483	0.04401	0.04276	0.02071	0.02058	2.98E-04	4.08E-05	4.19E-05	1.79E-05	1.73E-05	3.02E-06	3.00E-06	4.1608E-04
608302.98	4200733.55	12114.72796	0.19411	0.19647	0.03284	0.0318	0.0197	0.01962	3.05E-04	4.87E-05	5.00E-05	1.34E-05	1.29E-05	2.88E-06	2.86E-06	4.2966E-04
608302.98	4200741.15	12098.31023	0.19221	0.19458	0.03342	0.03237	0.01977	0.01968	3.04E-04	4.83E-05	4.95E-05	1.36E-05	1.31E-05	2.89E-06	2.87E-06	4.2875E-04
608302.98	4200748.75	12081.73932	0.19031	0.19268	0.034	0.03294	0.01983	0.01974	3.04E-04	4.78E-05	4.90E-05	1.38E-05	1.34E-05	2.90E-06	2.88E-06	4.2784E-04
608302.98	4200756.35	12064.72457	0.1884	0.19078	0.03459	0.03351	0.01989	0.0198	3.03E-04	4.73E-05	4.85E-05	1.41E-05	1.36E-05	2.90E-06	2.89E-06	4.2693E-04
608302.98	4200763.95	12047.55334	0.18648	0.18886	0.03518	0.03409	0.01994	0.01985	3.03E-04	4.68E-05	4.81E-05	1.43E-05	1.38E-05	2.91E-06	2.89E-06	4.2600E-04
608302.98	4200771.55	12030.89431	0.18457	0.18696	0.03578	0.03468	0.02	0.01991	3.03E-04	4.64E-05	4.76E-05	1.46E-05	1.41E-05	2.92E-06	2.90E-06	4.2510E-04
608302.98	4200779.15	12013.92473	0.18266	0.18504	0.03638	0.03527	0.02006	0.01996	3.02E-04	4.59E-05	4.71E-05	1.48E-05	1.43E-05	2.93E-06	2.91E-06	4.2419E-04
608302.98	4200786.75	11996.63805	0.18074	0.18313	0.03699	0.03586	0.02011	0.02001	3.02E-04	4.54E-05	4.66E-05	1.51E-05	1.45E-05	2.94E-06	2.92E-06	4.2327E-04
608302.98	4200794.35	11979.3091	0.17883	0.18122	0.03759	0.03646	0.02017	0.02006	3.01E-04	4.49E-05	4.61E-05	1.53E-05	1.48E-05	2.95E-06	2.92E-06	4.2236E-04
608302.98	4200801.95	11961.79405	0.17692	0.17931	0.0382	0.03706	0.02022	0.02011	3.01E-04	4.44E-05	4.56E-05	1.56E-05	1.50E-05	2.95E-06	2.93E-06	4.2145E-04
608302.98	4200809.55	11944.50713	0.17502	0.1774	0.03882	0.03766	0.02027	0.02016	3.00E-04	4.40E-05	4.51E-05	1.58E-05	1.53E-05	2.96E-06	2.94E-06	4.2054E-04
608302.98	4200817.15	11926.84152	0.17312	0.1755	0.03943	0.03826	0.02032	0.02021	3.00E-04	4.35E-05	4.47E-05	1.61E-05	1.55E-05	2.97E-06	2.95E-06	4.1963E-04
608302.98	4200824.75	11908.79536	0.17123	0.17361	0.04005	0.03887	0.02037	0.02025	2.99E-04	4.30E-05	4.42E-05	1.63E-05	1.58E-05	2.97E-06	2.95E-06	4.1872E-04
608302.98	4200832.35	11890.49953	0.16935	0.17172	0.04067	0.03948	0.02041	0.0203	2.99E-04	4.25E-05	4.37E-05	1.66E-05	1.60E-05	2.98E-06	2.96E-06	4.1781E-04
608302.98	4200839.95	11872.43583	0.16747	0.16984	0.04129	0.04009	0.02046	0.02034	2.99E-04	4.21E-05	4.32E-05	1.68E-05	1.63E-05	2.99E-06	2.96E-06	4.1690E-04
608302.98	4200847.55	11854.06693	0.16561	0.16797	0.04191	0.04071	0.0205	0.02038	2.98E-04	4.16E-05	4.27E-05	1.71E-05	1.65E-05	2.99E-06	2.97E-06	4.1600E-04
608302.98	4200855.15	11835.2465	0.16376	0.16611	0.04254	0.04132	0.02054	0.02042	2.98E-04	4.11E-05	4.23E-05	1.73E-05	1.68E-05	3.00E-06	2.98E-06	4.1510E-04
608302.98	4200862.75	11815.8934	0.16191	0.16425	0.04316	0.04194	0.02059	0.02046	2.97E-04	4.07E-05	4.18E-05	1.76E-05	1.70E-05	3.01E-06	2.98E-06	4.1418E-04
608302.98	4200870.35	11796.3607	0.16008	0.16241	0.04378	0.04256	0.02063	0.0205	2.97E-04	4.02E-05	4.13E-05	1.78E-05	1.73E-05	3.01E-06	2.99E-06	4.1326E-04

Ranch EIR Residential Project Construction Parameters

Phase 2

Construction Annual DPM Emissions (PM2.5 Exhaust) **Mitigated Concentrations**

Annual Average Onsite DPM Rate (grams/m2/sec):	2.79E-09
Annual Average Offsite DPM Emission Rate - Road 1 (grams/sec):	5.62E-06
Annual Average Offsite DPM Emission Rate - Road 2 (grams/sec):	5.70E-06
Annual Average Offsite DPM Emission Rate - Road 3 (grams/sec):	9.12E-06
Annual Average Offsite DPM Emission Rate - Road4 (grams/sec):	9.08E-06
Annual Average Offsite DPM Emission Rate - Road5 (grams/sec):	3.27E-06
Annual Average Offsite DPM Emission Rate - Road5 (grams/sec):	3.26E-06

X	Y	Onsite Phase 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 1 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 4 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 5 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 6 Unit Emissions VALUES AVERAGED AVERAGE CONC	Onsite Phase 2 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 1 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 2 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 3 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 4 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 5 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 6 Annual DPM Exhaust w/Actual Emissions (ug/m3)	**Total DPM (ug/m3)**
606771.32	4200808.57	52057.33116	0.08488	0.08498	0.04666	0.04498	0.03495	0.03568	1.45E-04	4.77E-07	4.84E-07	4.26E-07	4.09E-07	1.14E-07	1.16E-07	1.4709E-04
606787.8	4200808.22	52077.64805	0.08645	0.08689	0.04598	0.04418	0.03523	0.03594	1.45E-04	4.86E-07	4.95E-07	4.19E-07	4.01E-07	1.15E-07	1.17E-07	1.4716E-04
606807.8	4200808.22	51448.48698	0.09263	0.09273	0.04694	0.04487	0.0354	0.03608	1.43E-04	5.21E-07	5.28E-07	4.28E-07	4.08E-07	1.16E-07	1.18E-07	1.4549E-04
606827.8	4200808.22	50743.4416	0.09855	0.09846	0.04723	0.04515	0.03554	0.0362	1.41E-04	5.54E-07	5.61E-07	4.31E-07	4.10E-07	1.16E-07	1.18E-07	1.4360E-04
606847.8	4200808.22	49936.44365	0.10527	0.10493	0.04756	0.04536	0.03565	0.03629	1.39E-04	5.92E-07	5.98E-07	4.34E-07	4.12E-07	1.17E-07	1.18E-07	1.4143E-04
606867.8	4200808.22	49044.14784	0.11284	0.11219	0.04773	0.04526	0.03573	0.03634	1.37E-04	6.35E-07	6.39E-07	4.35E-07	4.11E-07	1.17E-07	1.19E-07	1.3902E-04
606887.8	4200808.22	48131.88921	0.12011	0.1193	0.04774	0.04539	0.0358	0.03637	1.34E-04	6.76E-07	6.80E-07	4.35E-07	4.12E-07	1.17E-07	1.19E-07	1.3657E-04
606907.8	4200808.22	47166.32782	0.12864	0.12706	0.04822	0.04576	0.03583	0.03638	1.31E-04	7.23E-07	7.24E-07	4.40E-07	4.16E-07	1.17E-07	1.19E-07	1.3398E-04
606927.8	4200808.22	46201.01763	0.13855	0.13642	0.04848	0.04592	0.03585	0.03638	1.29E-04	7.79E-07	7.77E-07	4.42E-07	4.17E-07	1.17E-07	1.19E-07	1.3140E-04
606947.8	4200808.22	45223.0614	0.14935	0.14655	0.04867	0.04599	0.03586	0.03636	1.26E-04	8.40E-07	8.35E-07	4.44E-07	4.18E-07	1.17E-07	1.19E-07	1.2879E-04
606767.8	4200828.22	57350.28091	0.07943	0.08004	0.04887	0.04722	0.03696	0.0377	1.60E-04	4.47E-07	4.56E-07	4.46E-07	4.29E-07	1.21E-07	1.23E-07	1.6184E-04
606787.8	4200828.22	56981.93346	0.08291	0.08356	0.04949	0.04763	0.03723	0.03795	1.59E-04	4.66E-07	4.76E-07	4.51E-07	4.33E-07	1.22E-07	1.24E-07	1.6086E-04
606807.8	4200828.22	55956.66595	0.08872	0.08925	0.05015	0.04814	0.03734	0.03803	1.56E-04	4.99E-07	5.09E-07	4.57E-07	4.37E-07	1.22E-07	1.24E-07	1.5808E-04
606827.8	4200828.22	54881.54084	0.09503	0.0954	0.05072	0.0484	0.03742	0.03808	1.53E-04	5.34E-07	5.44E-07	4.63E-07	4.40E-07	1.22E-07	1.24E-07	1.5516E-04
606847.8	4200828.22	53803.08474	0.10165	0.10182	0.05108	0.04874	0.0375	0.03812	1.50E-04	5.72E-07	5.80E-07	4.66E-07	4.43E-07	1.23E-07	1.24E-07	1.5224E-04
606867.8	4200828.22	52693.33195	0.10898	0.10885	0.05159	0.04908	0.03755	0.03815	1.47E-04	6.13E-07	6.20E-07	4.71E-07	4.46E-07	1.23E-07	1.25E-07	1.4924E-04
606887.8	4200828.22	51533.0982	0.11633	0.11618	0.05164	0.04914	0.03757	0.03814	1.44E-04	6.54E-07	6.62E-07	4.71E-07	4.46E-07	1.23E-07	1.24E-07	1.4609E-04
606907.8	4200828.22	50335.72809	0.12471	0.12391	0.05224	0.0496	0.03757	0.03811	1.40E-04	7.01E-07	7.06E-07	4.76E-07	4.51E-07	1.23E-07	1.24E-07	1.4285E-04
606927.8	4200828.22	49138.14782	0.13491	0.13348	0.05275	0.04996	0.03755	0.03806	1.37E-04	7.59E-07	7.61E-07	4.81E-07	4.54E-07	1.23E-07	1.24E-07	1.3963E-04
606947.8	4200828.22	47946.99474	0.14597	0.14392	0.05313	0.05019	0.03751	0.038	1.34E-04	8.21E-07	8.20E-07	4.85E-07	4.56E-07	1.23E-07	1.24E-07	1.3644E-04
606967.8	4200828.22	46749.47476	0.15835	0.1555	0.05344	0.05035	0.03745	0.03792	1.30E-04	8.91E-07	8.86E-07	4.87E-07	4.57E-07	1.22E-07	1.24E-07	1.3324E-04
606987.8	4200828.22	45556.84484	0.1721	0.16843	0.05365	0.05042	0.03738	0.03781	1.27E-04	9.68E-07	9.60E-07	4.89E-07	4.58E-07	1.22E-07	1.23E-07	1.3007E-04
606747.8	4200848.22	62987.27779	0.07322	0.07409	0.05153	0.05004	0.03871	0.03948	1.76E-04	4.12E-07	4.22E-07	4.70E-07	4.55E-07	1.27E-07	1.29E-07	1.7754E-04
606767.8	4200848.22	62579.15821	0.07637	0.0772	0.05195	0.05034	0.03902	0.03976	1.74E-04	4.30E-07	4.40E-07	4.74E-07	4.57E-07	1.28E-07	1.30E-07	1.7644E-04
606787.8	4200848.22	61943.43862	0.07951	0.08048	0.05277	0.05093	0.03926	0.03998	1.73E-04	4.47E-07	4.59E-07	4.81E-07	4.63E-07	1.28E-07	1.30E-07	1.7472E-04
606807.8	4200848.22	60608.39412	0.08497	0.08588	0.05356	0.05147	0.03933	0.04002	1.69E-04	4.78E-07	4.89E-07	4.89E-07	4.68E-07	1.29E-07	1.31E-07	1.7108E-04
606827.8	4200848.22	59242.18055	0.09086	0.09168	0.05414	0.05168	0.03939	0.04004	1.65E-04	5.11E-07	5.22E-07	4.94E-07	4.69E-07	1.29E-07	1.31E-07	1.6734E-04
606847.8	4200848.22	57848.87444	0.09686	0.09802	0.05473	0.05214	0.03942	0.04004	1.61E-04	5.45E-07	5.58E-07	4.99E-07	4.74E-07	1.29E-07	1.31E-07	1.6354E-04
606867.8	4200848.22	56441.3622	0.10405	0.105	0.05544	0.05268	0.03942	0.04001	1.57E-04	5.85E-07	5.98E-07	5.06E-07	4.79E-07	1.29E-07	1.31E-07	1.5971E-04
606887.8	4200848.22	55004.96396	0.11154	0.11218	0.05584	0.05323	0.0394	0.03996	1.53E-04	6.27E-07	6.39E-07	5.09E-07	4.84E-07	1.29E-07	1.30E-07	1.5580E-04
606907.8	4200848.22	53557.13849	0.12016	0.12015	0.05661	0.05383	0.03936	0.03989	1.49E-04	6.76E-07	6.85E-07	5.16E-07	4.89E-07	1.29E-07	1.30E-07	1.5187E-04
606927.8	4200848.22	52111.10722	0.13044	0.12983	0.05739	0.05442	0.03929	0.03979	1.45E-04	7.34E-07	7.40E-07	5.23E-07	4.94E-07	1.28E-07	1.30E-07	1.4797E-04
606947.8	4200848.22	50683.38857	0.1417	0.14051	0.05805	0.05487	0.03921	0.03968	1.41E-04	7.97E-07	8.01E-07	5.29E-07	4.98E-07	1.28E-07	1.30E-07	1.4412E-04
606967.8	4200848.22	49272.27949	0.15423	0.1523	0.05861	0.05523	0.03911	0.03955	1.37E-04	8.67E-07	8.68E-07	5.35E-07	5.02E-07	1.28E-07	1.29E-07	1.4033E-04
606987.8	4200848.22	47881.92912	0.16822	0.16553	0.05905	0.05548	0.03899	0.0394	1.33E-04	9.46E-07	9.43E-07	5.39E-07	5.04E-07	1.28E-07	1.29E-07	1.3662E-04
607107.8	4200848.22	40106.30839	0.30118	0.28705	0.05941	0.0552	0.03792	0.03819	1.12E-04	1.69E-06	1.64E-06	5.42E-07	5.01E-07	1.24E-07	1.25E-07	1.1638E-04
607127.8	4200848.22	38922.8397	0.33611	0.31796	0.05919	0.05502	0.03769	0.03795	1.08E-04	1.89E-06	1.81E-06	5.40E-07	5.00E-07	1.23E-07	1.24E-07	1.1345E-04
607147.8	4200848.22	37768.99422	0.37708	0.35414	0.05906	0.05496	0.03745	0.03769	1.05E-04	2.12E-06	2.02E-06	5.39E-07	4.99E-07	1.22E-07	1.23E-07	1.1067E-04
607167.8	4200848.22	36653.65463	0.42527	0.39626	0.05896	0.05493	0.03721	0.03742	1.02E-04	2.39E-06	2.26E-06	5.38E-07	4.99E-07	1.22E-07	1.22E-07	1.0807E-04
607187.8	4200848.22	35568.71132	0.48374	0.44686	0.05904	0.0551	0.03695	0.03714	9.91E-05	2.72E-06	2.55E-06	5.39E-07	5.01E-07	1.21E-07	1.21E-07	1.0567E-04
607207.8	4200848.22	34514.71166	0.55629	0.50873	0.05937	0.0555	0.03668	0.03685	9.62E-05	3.13E-06	2.90E-06	5.42E-07	5.04E-07	1.20E-07	1.20E-07	1.0349E-04
607227.8	4200848.22	33500.57902	0.64634	0.58449	0.0597	0.05577	0.0364	0.03656	9.34E-05	3.64E-06	3.33E-06	5.45E-07	5.07E-07	1.19E-07	1.19E-07	1.0161E-04
606747.8	4200868.22	69047.20766	0.06964	0.07075	0.05426	0.05284	0.04093	0.0417	1.92E-04	3.92E-07	4.03E-07	4.95E-07	4.80E-07	1.34E-07	1.36E-07	1.9445E-04
606767.8	4200868.22	68361.02356	0.07232	0.07347	0.05474	0.0532	0.04122	0.04196	1.90E-04	4.07E-07	4.19E-07	4.99E-07	4.83E-07	1.35E-07	1.37E-07	1.9258E-04
606787.8	4200868.22	67190.68503	0.07499	0.07653	0.05533	0.05361	0.04138	0.04209	1.87E-04	4.22E-07	4.36E-07	5.05E-07	4.87E-07	1.35E-07	1.37E-07	1.8936E-04
606807.8	4200868.22	65496.375	0.08024	0.08198	0.05663	0.05445	0.04142	0.04209	1.83E-04	4.51E-07	4.67E-07	5.17E-07	4.95E-07	1.35E-07	1.37E-07	1.8472E-04
606827.8	4200868.22	63774.50809	0.08613	0.0876	0.0578	0.05523	0.04143	0.04207	1.78E-04	4.84E-07	4.99E-07	5.27E-07	5.02E-07	1.35E-07	1.37E-07	1.8000E-04
606847.8	4200868.22	62024.70433	0.09216	0.09377	0.05865	0.05603	0.04141	0.04201	1.73E-04	5.18E-07	5.34E-07	5.35E-07	5.09E-07	1.35E-07	1.37E-07	1.7521E-04
606867.8	4200868.22	60277.30462	0.09897	0.10064	0.05926	0.0568	0.04136	0.04194	1.68E-04	5.57E-07	5.73E-07	5.41E-07	5.16E-07	1.35E-07	1.37E-07	1.7043E-04
606887.8	4200868.22	58533.10083	0.10635	0.10759	0.06025	0.05759	0.04129	0.04184	1.63E-04	5.98E-07	6.13E-07	5.50E-07	5.23E-07	1.35E-07	1.37E-07	1.6567E-04
606907.8	4200868.22	56800.31904	0.11494	0.1156	0.0613	0.05841	0.0412	0.04171	1.58E-04	6.46E-07	6.59E-07	5.59E-07	5.31E-07	1.35E-07	1.36E-07	1.6095E-04
606927.8	4200868.22	55089.6855	0.1252	0.12524	0.06236	0.05926	0.04109	0.04157	1.54E-04	7.04E-07	7.14E-07	5.69E-07	5.38E-07	1.34E-07	1.36E-07	1.5631E-04
606947.8	4200868.22	53409.64689	0.13646	0.1362	0.06338	0.06002	0.04095	0.0414	1.49E-04	7.67E-07	7.76E-07	5.78E-07	5.45E-07	1.34E-07	1.35E-07	1.5177E-04
607047.8	4200868.22	45621.21088	0.21797	0.21262	0.06661	0.06198	0.04002	0.04034	1.27E-04	1.23E-06	1.21E-06	6.08E-07	5.63E-07	1.31E-07	1.32E-07	1.3100E-04
607067.8	4200868.22	44188.20323	0.24166	0.23438	0.06683	0.06201	0.03979	0.04008	1.23E-04	1.36E-06	1.34E-06	6.10E-07	5.63E-07	1.30E-07	1.31E-07	1.2727E-04
607087.8	4200868.22	42796.98143	0.2691	0.25943	0.06693	0.06197	0.03954	0.03981	1.19E-04	1.51E-06	1.48E-06	6.10E-07	5.63E-07	1.29E-07	1.30E-07	1.2368E-04
607107.8	4200868.22	41453.48337	0.30081	0.28785	0.06688	0.06184	0.03928	0.03953	1.16E-04	1.69E-06	1.64E-06	6.10E-07	5.62E-07	1.28E-07	1.29E-07	1.2028E-04
607127.8	4200868.22	40153.9536	0.33783	0.3207	0.06674	0.06168	0.03901	0.03924	1.12E-04	1.90E-06	1.83E-06	6.09E-07	5.60E-07	1.28E-07	1.28E-07	1.1705E-04
607147.8	4200868.22	38896.13299	0.38147	0.35914	0.06656	0.06154	0.03873	0.03893	1.08E-04	2.15E-06	2.05E-06	6.07E-07	5.59E-07	1.27E-07	1.27E-07	1.1400E-04
607167.8	4200868.22	37681.23386	0.4335	0.40452	0.06643	0.06147	0.03844	0.03862	1.05E-04	2.44E-06	2.30E-06	6.06E-07	5.58E-07	1.26E-07	1.26E-07	1.1116E-04
607187.8	4200868.22	36506.86476	0.49695	0.45919	0.06644	0.06158	0.03814	0.0383	1.02E-04	2.79E-06	2.62E-06	6.06E-07	5.59E-07	1.25E-07	1.25E-07	1.0856E-04
607207.8	4200868.22	35375.74091	0.57552	0.52578	0.06658	0.06182	0.03783	0.03797	9.86E-05	3.24E-06	3.00E-06	6.07E-07	5.62E-07	1.24E-07	1.24E-07	1.0623E-04
607227.8	4200868.22	34283.3363	0.67607	0.6095	0.06699	0.06226	0.03751	0.03764	9.55E-05	3.80E-06	3.47E-06	6.11E-07	5.66E-07	1.23E-07	1.23E-07	1.0423E-04
606755.19	4200886.81	75245.10385	0.06602	0.06742	0.05665	0.05528	0.04331	0.04406	2.10E-04	3.71E-07	3.84E-07	5.17E-07	5.02E-07	1.42E-07	1.44E-07	2.1174E-04
606767.8	4200888.22	74771.8836	0.06711	0.06848	0.05733	0.05583	0.04357	0.0443	2.08E-04	3.77E-07	3.90E-07	5.23E-07	5.07E-07	1.42E-07	1.45E-07	2.1045E-04
606787.8	4200888.22	72732.48862	0.07067	0.07233	0.05854	0.05691	0.0436	0.04429	2.03E-04	3.97E-07	4.12E-07	5.34E-07	5.17E-07	1.43E-07	1.45E-07	2.0483E-04
606807.8	4200888.22	70584.0912	0.07569	0.07783	0.06005	0.05796	0.04358	0.04424	1.97E-04	4.26E-07	4.43E-07	5.48E-07	5.27E-07	1.43E-07	1.44E-07	1.9892E-04
606827.8	4200888.22	68425.77629	0.08123	0.08322	0.06151	0.059	0.04354	0.04416	1.91E-04	4.57E-07	4.74E-07	5.61E-07	5.36E-07	1.42E-07	1.44E-07	1.9299E-04
606847.8	4200888.22	66281.77799	0.08718	0.08918	0.06278	0.06005	0.04346	0.04405	1.85E-04	4.90E-07	5.08E-07	5.73E-07	5.46E-07	1.42E-07	1.44E-07	1.8711E-04
606867.8	4200888.22	64164.19937	0.09361	0.09578	0.06386	0.06111	0.04336	0.04392	1.79E-04	5.26E-07	5.46E-07	5.82E-07	5.55E-07	1.42E-07	1.43E-07	1.8130E-04
606887.8	4200888.22	62072.36269	0.1007	0.10229	0.06484	0.06219	0.04324	0.04376	1.73E-04	5.66E-07	5.83E-07	5.91E-07	5.65E-07	1.41E-07	1.43E-07	1.7556E-04
606907.8	4200888.22	60035.68108	0.10915	0.11042	0.06619	0.06329	0.04309	0.04358	1.67E-04	6.14E-07	6.29E-07	6.04E-07	5.75E-07	1.41E-07	1.42E-07	1.7000E-04
606927.8	4200888.22	58032.60012	0.11931	0.12036	0.06767	0.0645	0.04292	0.04338	1.62E-04	6.71E-07	6.86E-07	6.17E-07	5.86E-07	1.40E-07	1.42E-07	1.6456E-04
607027.8	4200888.22	48951.93537	0.19098	0.18881	0.07377	0.06888	0.04181	0.04212	1.36E-04	1.07E-06	1.08E-06	6.73E-07	6.26E-07	1.37E-07	1.37E-07	1.4013E-04
607047.8	4200888.22	47304.93444	0.21223	0.20856	0.07461	0.06939	0.04153	0.04182	1.32E-04	1.19E-06	1.19E-06	6.81E-07	6.30E-07	1.36E-07	1.37E-07	1.3579E-04
607067.8	4200888.22	45721.98149	0.23655	0.23104	0.07523	0.06969	0.04125	0.04152	1.27E-04	1.33E-06	1.32E-06	6.86E-07	6.33E-07	1.35E-07	1.36E-07	1.3165E-04
607087.8	4200888.22	44195.12572	0.2649	0.25705	0.07566	0.06985	0.04096	0.0412	1.23E-04	1.49E-06	1.46E-06	6.90E-07	6.35E-07	1.34E-07	1.34E-07	1.2770E-04
607107.8	4200888.22	42725.24328	0.29804	0.28688	0.07591	0.06989	0.04065	0.04087	1.19E-04	1.68E-06	1.63E-06	6.92E-07	6.35E-07	1.33E-07	1.33E-07	1.2396E-04
607127.8	4200888.22	41310.29174	0.33707	0.32161	0.07597	0.06983	0.04033	0.04053	1.15E-04	1.90E-06	1.83E-06	6.93E-07	6.34E-07	1.32E-07	1.32E-07	1.2044E-04
607147.8	4200888.22	39951.65305	0.3831	0.36223	0.07584	0.06965	0.04001	0.04018	1.11E-04	2.15E-06	2.06E-06	6.92E-07	6.33E-07	1.31E-07	1.31E-07	1.1714E-04
607167.8	4200888.22	38641.82007	0.43871	0.41068	0.07569	0.06952	0.03967	0.03982	1.08E-04	2.47E-06	2.34E-06	6.90E-07	6.32E-07	1.30E-07	1.30E-07	1.1407E-04
607187.8	4200888.22	37378.04783	0.50735	0.4697	0.07567	0.06959	0.03932	0.03946	1.04E-04	2.85E-06	2.68E-06	6.90E-07	6.32E-07	1.29E-07	1.29E-07	1.1127E-04
607207.8	4200888.22	36167.39381	0.59291	0.54203	0.07572	0.06975	0.03897	0.03909	1.01E-04	3.33E-06	3.09E-06	6.91E-07	6.34E-07	1.27E-07	1.28E-07	1.0879E-04
607227.8	4200888.22	35001.82493	0.70387	0.63389	0.07606	0.07018	0.03861	0.03871	9.75E-05	3.96E-06	3.61E-06	6.94E-07	6.38E-07	1.26E-07	1.26E-07	1.0669E-04
606747.8	4200908.22	83938.20593	0.05892	0.06042	0.05886	0.0576	0.04597	0.04673	2.34E-04	3.31E-07	3.44E-07	5.37E-07	5.23E-07	1.50E-07	1.53E-07	2.3595E-04
606767.8	4200908.22	81181.37777	0.06256	0.06412	0.06025	0.05888	0.04595	0.04667	2.26E-04	3.52E-07	3.65E-07	5.50E-07	5.35E-07	1.50E-07	1.52E-07	2.2833E-04
606787.8	4200908.22	78582.6336	0.06692	0.06874	0.06234	0.06078	0.04592	0.0466	2.19E-04	3.76E-07	3.92E-07	5.69E-07	5.52E-07	1.50E-07	1.52E-07	2.2117E-04
606807.8	4200908.22	75832.57662	0.07155	0.07344	0.06387	0.06206	0.04583	0.04647	2.11E-04	4.02E-07	4.18E-07	5.83E-07	5.64E-07	1.50E-07	1.52E-07	2.1359E-04
606827.8	4200908.22	73164.56186	0.07664	0.07859	0.06533	0.06328	0.04571	0.04632	2.04E-04	4.31E-07	4.48E-07	5.96E-07	5.75E-07	1.49E-07	1.51E-07	2.0623E-04
606847.8	4200908.22	70586.26157	0.08221	0.08423	0.06696	0.06466	0.04558	0.04615	1.97E-04	4.62E-07	4.80E-07	6.11E-07	5.87E-07	1.49E-07	1.51E-07	1.9914E-04
606867.8	4200908.22	68045.38331	0.08774	0.09048	0.06784	0.06552	0.04541	0.04595	1.90E-04	4.93E-07	5.16E-07	6.19E-07	5.95E-07	1.49E-07	1.50E-07	1.9214E-04
606887.8	4200908.22	65594.61887	0.09477	0.09678	0.06949	0.06694	0.04523	0.04572	1.83E-04	5.33E-07	5.51E-07	6.34E-07	6.08E-07	1.48E-07	1.49E-07	1.8541E-04
606987.8	4200908.22	54560.78088	0.14892	0.14994	0.07875	0.07441	0.044	0.04433	1.52E-04	8.38E-07	8.54E-07	7.18E-07	6.76E-07	1.44E-07	1.45E-07	1.5542E-04
607007.8	4200908.22	52602.49837	0.16468	0.1652	0.08051	0.07571	0.0437	0.04401	1.47E-04	9.26E-07	9.41E-07	7.34E-07	6.88E-07	1.43E-07	1.44E-07	1.5016E-04
607027.8	4200908.22	50720.68654	0.18295	0.18252	0.08213	0.07684	0.04339	0.04367	1.41E-04	1.03E-06	1.04E-06	7.49E-07	6.98E-07	1.42E-07	1.43E-07	1.4514E-04
607047.8	4200908.22	48908.30153	0.20424	0.20255	0.08362	0.07784	0.04306	0.04332	1.36E-04	1.15E-06	1.15E-06	7.63E-07	7.07E-07	1.41E-07	1.41E-07	1.4035E-04
607067.8	4200908.22	47171.69927	0.22896	0.22565	0.08489	0.07863	0.04273	0.04296	1.31E-04	1.29E-06	1.29E-06	7.74E-07	7.14E-07	1.40E-07	1.40E-07	1.3579E-04
607087.8	4200908.22	45509.43453	0.25791	0.25243	0.08591	0.0792	0.04238	0.04259	1.27E-04	1.45E-06	1.44E-06	7.84E-07	7.19E-07	1.39E-07	1.39E-07	1.3149E-04
607107.8	4200908.22	43917.23536	0.29206	0.28339	0.08668	0.07957	0.04202	0.04221	1.22E-04	1.64E-06	1.61E-06	7.91E-07	7.23E-07	1.37E-07	1.38E-07	1.2743E-04
607127.8	4200908.22	42389.10205	0.3327	0.31981	0.08718	0.07976	0.04165	0.04182	1.18E-04	1.87E-06	1.82E-06	7.95E-07	7.25E-07	1.36E-07	1.37E-07	1.2361E-04
607147.8	4200908.22	40924.14443	0.38148	0.36298	0.08743	0.07979	0.04128	0.04142	1.14E-04	2.15E-06	2.07E-06	7.97E-07	7.25E-07	1.35E-07	1.35E-07	1.2005E-04
607167.8	4200908.22	39523.25289	0.44044	0.41444	0.08742	0.07968	0.0409	0.04102	1.10E-04	2.48E-06	2.36E-06	7.97E-07	7.24E-07	1.34E-07	1.34E-07	1.1676E-04
607187.8	4200908.22	38176.57261	0.51382	0.47755	0.08741	0.07967	0.04051	0.04061	1.06E-04	2.89E-06	2.72E-06	7.97E-07	7.24E-07	1.32E-07	1.33E-07	1.1378E-04
607207.8	4200908.22	36885.58893	0.60707	0.55633	0.08749	0.07985	0.04011	0.04019	1.03E-04	3.41E-06	3.17E-06	7.98E-07	7.25E-07	1.31E-07	1.31E-07	1.1116E-04
607227.8	4200908.22	35651.8776	0.72831	0.65653	0.08768	0.08017	0.03971	0.03978	9.93E-05	4.10E-06	3.74E-06	8.00E-07	7.28E-07	1.30E-07	1.30E-07	1.0897E-04
606687.8	4200928.22	102128.4204	0.04639	0.04837	0.05691	0.05611	0.04858	0.04946	2.85E-04	2.61E-07	2.76E-07	5.19E-07	5.10E-07	1.59E-07	1.61E-07	2.8648E-04
606707.8	4200928.22	98561.92459	0.04942	0.05107	0.05904	0.05799	0.0486	0.04943	2.75E-04	2.78E-07	2.91E-07	5.39E-07	5.27E-07	1.59E-07	1.61E-07	2.7661E-04
606727.8	4200928.22	94874.12026	0.05227	0.05401	0.06034	0.05925	0.04856	0.04935	2.64E-04	2.94E-07	3.08E-07	5.50E-07	5.38E-07	1.59E-07	1.61E-07	2.6639E-04
606747.8	4200928.22	91335.78782	0.05537	0.0572	0.06217	0.06101	0.04851	0.04925	2.55E-04	3.11E-07	3.26E-07	5.67E-07	5.54E-07	1.59E-07	1.61E-07	2.5660E-04
606767.8	4200928.22	87805.08638	0.05884	0.06077	0.06382	0.06243	0.04841	0.04911	2.45E-04	3.31E-07	3.46E-07	5.82E-07	5.67E-07	1.58E-07	1.60E-07	2.4683E-04
606787.8	4200928.22	84462.33771	0.06247	0.0645	0.06546	0.06404	0.0483	0.04896	2.35E-04	3.51E-07	3.67E-07	5.97E-07	5.82E-07	1.58E-07	1.60E-07	2.3758E-04
606807.8	4200928.22	81161.52098	0.06664	0.06879	0.0672	0.06563	0.04815	0.04876	2.26E-04	3.75E-07	3.92E-07	6.13E-07	5.96E-07	1.57E-07	1.59E-07	2.2846E-04
606827.8	4200928.22	77930.8104	0.07146	0.07371	0.06907	0.06731	0.04796	0.04854	2.17E-04	4.02E-07	4.20E-07	6.30E-07	6.11E-07	1.57E-07	1.58E-07	2.1954E-04
606847.8	4200928.22	74861.97172	0.0767	0.07906	0.07097	0.06892	0.04775	0.04829	2.09E-04	4.31E-07	4.50E-07	6.47E-07	6.26E-07	1.56E-07	1.58E-07	2.1108E-04
606867.8	4200928.22	71895.87885	0.08202	0.08505	0.07266	0.07	0.04752	0.04802	2.00E-04	4.61E-07	4.85E-07	6.63E-07	6.36E-07	1.55E-07	1.57E-07	2.0291E-04
606967.8	4200928.22	58879.99146	0.12694	0.12938	0.08363	0.07977	0.04605	0.04639	1.64E-04	7.14E-07	7.37E-07	7.63E-07	7.25E-07	1.51E-07	1.51E-07	1.6732E-04
606987.8	4200928.22	56607.95817	0.14022	0.1425	0.0862	0.08185	0.04571	0.04601	1.58E-04	7.89E-07	8.12E-07	7.86E-07	7.44E-07	1.49E-07	1.50E-07	1.6118E-04
607007.8	4200928.22	54454.045	0.15533	0.15736	0.08871	0.08378	0.04535	0.04563	1.52E-04	8.74E-07	8.97E-07	8.09E-07	7.61E-07	1.48E-07	1.49E-07	1.5538E-04
607027.8	4200928.22	52385.59329	0.17324	0.17461	0.09119	0.08565	0.04498	0.04523	1.46E-04	9.74E-07	9.95E-07	8.32E-07	7.78E-07	1.47E-07	1.48E-07	1.4985E-04
607047.8	4200928.22	50412.78216	0.19407	0.19455	0.09355	0.08735	0.0446	0.04482	1.40E-04	1.09E-06	1.11E-06	8.53E-07	7.93E-07	1.46E-07	1.46E-07	1.4462E-04
607067.8	4200928.22	48524.30276	0.21873	0.21794	0.09579	0.0889	0.04421	0.0444	1.35E-04	1.23E-06	1.24E-06	8.74E-07	8.08E-07	1.45E-07	1.45E-07	1.3966E-04
607087.8	4200928.22	46729.30947	0.2478	0.2452	0.09774	0.09016	0.04381	0.04398	1.30E-04	1.39E-06	1.40E-06	8.92E-07	8.19E-07	1.43E-07	1.44E-07	1.3501E-04
607107.8	4200928.22	45015.68937	0.28252	0.27706	0.09942	0.09118	0.04339	0.04354	1.25E-04	1.59E-06	1.58E-06	9.07E-07	8.28E-07	1.42E-07	1.42E-07	1.3063E-04
607127.8	4200928.22	43378.32602	0.32431	0.31487	0.10077	0.09191	0.04298	0.0431	1.21E-04	1.82E-06	1.79E-06	9.19E-07	8.35E-07	1.41E-07	1.41E-07	1.2653E-04
607147.8	4200928.22	41812.71086	0.37519	0.36022	0.10177	0.0924	0.04255	0.04266	1.17E-04	2.11E-06	2.05E-06	9.28E-07	8.39E-07	1.39E-07	1.39E-07	1.2273E-04
607167.8	4200928.22	40320.2951	0.4375	0.41485	0.10236	0.09262	0.04212	0.0422	1.12E-04	2.46E-06	2.36E-06	9.34E-07	8.41E-07	1.38E-07	1.38E-07	1.1923E-04
607187.8	4200928.22	38896.18555	0.51522	0.48181	0.10259	0.09264	0.04168	0.04175	1.08E-04	2.90E-06	2.75E-06	9.36E-07	8.42E-07	1.36E-07	1.36E-07	1.1608E-04
607207.8	4200928.22	37531.47931	0.61553	0.56661	0.10278	0.09282	0.04124	0.04129	1.05E-04	3.46E-06	3.23E-06	9.37E-07	8.43E-07	1.35E-07	1.35E-07	1.1333E-04
607227.8	4200928.22	36232.12821	0.74722	0.67535	0.1029	0.09304	0.04079	0.04083	1.01E-04	4.20E-06	3.85E-06	9.39E-07	8.45E-07	1.33E-07	1.33E-07	1.1107E-04
606667.8	4200948.22	117788.6198	0.04148	0.04302	0.05802	0.05727	0.05146	0.05238	3.28E-04	2.33E-07	2.45E-07	5.29E-07	5.20E-07	1.68E-07	1.71E-07	3.3010E-04
606687.8	4200948.22	112763.5473	0.04373	0.04531	0.05946	0.05861	0.05142	0.05228	3.14E-04	2.46E-07	2.58E-07	5.42E-07	5.32E-07	1.68E-07	1.71E-07	3.1615E-04
606707.8	4200948.22	107962.2447	0.04608	0.04781	0.06128	0.06034	0.05135	0.05217	3.01E-04	2.59E-07	2.72E-07	5.59E-07	5.48E-07	1.68E-07	1.70E-07	3.0283E-04
606727.8	4200948.22	103363.7639	0.04856	0.05041	0.06296	0.06205	0.05126	0.05202	2.88E-04	2.73E-07	2.87E-07	5.74E-07	5.64E-07	1.68E-07	1.70E-07	2.9007E-04
606747.8	4200948.22	98881.59315	0.05134	0.05331	0.06472	0.0637	0.05113	0.05184	2.76E-04	2.89E-07	3.04E-07	5.90E-07	5.79E-07	1.67E-07	1.69E-07	2.7765E-04
606767.8	4200948.22	94529.4418	0.0545	0.05659	0.06657	0.06544	0.05095	0.05162	2.63E-04	3.07E-07	3.22E-07	6.07E-07	5.94E-07	1.67E-07	1.68E-07	2.6559E-04
606787.8	4200948.22	90386.77119	0.05797	0.06019	0.06849	0.06723	0.05075	0.05138	2.52E-04	3.26E-07	3.43E-07	6.25E-07	6.11E-07	1.66E-07	1.68E-07	2.5411E-04
606807.8	4200948.22	86445.26703	0.0618	0.06416	0.07049	0.06909	0.05052	0.05111	2.41E-04	3.48E-07	3.66E-07	6.43E-07	6.28E-07	1.65E-07	1.67E-07	2.4321E-04
606827.8	4200948.22	82654.26037	0.06621	0.06871	0.07264	0.07107	0.05026	0.0508	2.30E-04	3.72E-07	3.91E-07	6.63E-07	6.46E-07	1.64E-07	1.66E-07	2.3273E-04
606927.8	4200948.22	66419.54995	0.09806	0.10117	0.08425	0.08145	0.04862	0.04898	1.85E-04	5.52E-07	5.76E-07	7.68E-07	7.40E-07	1.59E-07	1.60E-07	1.8804E-04
606947.8	4200948.22	63656.34327	0.10739	0.1106	0.08726	0.08408	0.04824	0.04857	1.77E-04	6.04E-07	6.30E-07	7.96E-07	7.64E-07	1.58E-07	1.59E-07	1.8050E-04
606967.8	4200948.22	61031.6774	0.11808	0.12146	0.09045	0.0868	0.04785	0.04814	1.70E-04	6.64E-07	6.92E-07	8.25E-07	7.88E-07	1.56E-07	1.57E-07	1.7336E-04
606987.8	4200948.22	58544.09574	0.13046	0.13388	0.09376	0.08957	0.04744	0.0477	1.63E-04	7.34E-07	7.63E-07	8.55E-07	8.14E-07	1.55E-07	1.56E-07	1.6662E-04
607007.8	4200948.22	56184.65135	0.14482	0.14827	0.09719	0.09235	0.04702	0.04725	1.57E-04	8.14E-07	8.45E-07	8.87E-07	8.39E-07	1.54E-07	1.54E-07	1.6026E-04
607027.8	4200948.22	53937.64865	0.16186	0.165	0.10069	0.09512	0.04658	0.04679	1.50E-04	9.10E-07	9.40E-07	9.18E-07	8.64E-07	1.52E-07	1.53E-07	1.5424E-04
607047.8	4200948.22	51800.39776	0.18196	0.18465	0.10421	0.09784	0.04614	0.04632	1.44E-04	1.02E-06	1.05E-06	9.51E-07	8.89E-07	1.51E-07	1.51E-07	1.4857E-04
607067.8	4200948.22	49771.13038	0.20581	0.2077	0.10768	0.10041	0.04569	0.04584	1.39E-04	1.16E-06	1.18E-06	9.82E-07	9.12E-07	1.49E-07	1.50E-07	1.4323E-04
607087.8	4200948.22	47845.15947	0.23438	0.23501	0.111	0.10275	0.04523	0.04536	1.33E-04	1.32E-06	1.34E-06	1.01E-06	9.33E-07	1.48E-07	1.48E-07	1.3823E-04
607107.8	4200948.22	46013.69128	0.26897	0.26733	0.11413	0.10486	0.04476	0.04487	1.28E-04	1.51E-06	1.52E-06	1.04E-06	9.53E-07	1.46E-07	1.46E-07	1.3355E-04
607127.8	4200948.22	44267.64949	0.31133	0.30628	0.11699	0.10669	0.04429	0.04438	1.23E-04	1.75E-06	1.75E-06	1.07E-06	9.69E-07	1.45E-07	1.45E-07	1.2918E-04
607147.8	4200948.22	42614.13662	0.36295	0.35286	0.11928	0.10799	0.04381	0.04388	1.19E-04	2.04E-06	2.01E-06	1.09E-06	9.81E-07	1.43E-07	1.43E-07	1.2516E-04
607167.8	4200948.22	41032.04668	0.42803	0.41048	0.1212	0.10906	0.04333	0.04338	1.14E-04	2.41E-06	2.34E-06	1.11E-06	9.91E-07	1.42E-07	1.42E-07	1.2147E-04
607187.8	4200948.22	39529.44502	0.51022	0.48166	0.12246	0.10966	0.04284	0.04287	1.10E-04	2.87E-06	2.74E-06	1.12E-06	9.96E-07	1.40E-07	1.40E-07	1.1816E-04
607207.8	4200948.22	38099.72886	0.61665	0.57174	0.12315	0.10997	0.04235	0.04236	1.06E-04	3.47E-06	3.26E-06	1.12E-06	9.99E-07	1.38E-07	1.38E-07	1.1530E-04
607227.8	4200948.22	36739.37174	0.75859	0.68877	0.12343	0.11016	0.04186	0.04186	1.02E-04	4.27E-06	3.92E-06	1.13E-06	1.00E-06	1.37E-07	1.37E-07	1.1297E-04
606547.8	4200968.22	169721.1656	0.02991	0.03085	0.05035	0.0501	0.05428	0.05553	4.73E-04	1.68E-07	1.76E-07	4.59E-07	4.55E-07	1.78E-07	1.81E-07	4.7457E-04
606567.8	4200968.22	164194.3733	0.03113	0.03214	0.05163	0.05136	0.05443	0.05562	4.58E-04	1.75E-07	1.83E-07	4.71E-07	4.67E-07	1.78E-07	1.82E-07	4.5921E-04
606587.8	4200968.22	157754.318	0.03253	0.03359	0.05298	0.05268	0.05453	0.05565	4.40E-04	1.83E-07	1.91E-07	4.83E-07	4.79E-07	1.78E-07	1.82E-07	4.4130E-04
606607.8	4200968.22	150989.9718	0.03386	0.03499	0.05441	0.05408	0.05458	0.05565	4.21E-04	1.90E-07	1.99E-07	4.96E-07	4.91E-07	1.78E-07	1.82E-07	4.2249E-04
606627.8	4200968.22	143734.1759	0.0356	0.03686	0.05591	0.05553	0.05457	0.05558	4.01E-04	2.00E-07	2.10E-07	5.10E-07	5.04E-07	1.78E-07	1.81E-07	4.0232E-04
606647.8	4200968.22	136874.0164	0.03714	0.03842	0.05748	0.05706	0.05454	0.05549	3.81E-04	2.09E-07	2.19E-07	5.24E-07	5.18E-07	1.78E-07	1.81E-07	3.8325E-04
606667.8	4200968.22	130437.7494	0.03864	0.0402	0.05982	0.05912	0.05449	0.05538	3.63E-04	2.17E-07	2.29E-07	5.46E-07	5.37E-07	1.78E-07	1.81E-07	3.6537E-04
606687.8	4200968.22	124073.4801	0.04048	0.04215	0.06153	0.06093	0.05439	0.05523	3.46E-04	2.28E-07	2.40E-07	5.61E-07	5.53E-07	1.78E-07	1.80E-07	3.4769E-04
606707.8	4200968.22	117876.6332	0.04258	0.04437	0.06332	0.06265	0.05423	0.05502	3.28E-04	2.39E-07	2.53E-07	5.78E-07	5.69E-07	1.77E-07	1.80E-07	3.3048E-04
606727.8	4200968.22	112039.3679	0.04485	0.04676	0.06518	0.06442	0.05405	0.05478	3.12E-04	2.52E-07	2.66E-07	5.95E-07	5.85E-07	1.77E-07	1.79E-07	3.1427E-04
606747.8	4200968.22	106445.1752	0.04746	0.0495	0.06715	0.0663	0.05382	0.0545	2.97E-04	2.67E-07	2.82E-07	6.12E-07	6.02E-07	1.76E-07	1.78E-07	2.9874E-04
606767.8	4200968.22	101190.9469	0.05033	0.05251	0.06922	0.06826	0.05356	0.05419	2.82E-04	2.83E-07	2.99E-07	6.31E-07	6.20E-07	1.75E-07	1.77E-07	2.8417E-04
606787.8	4200968.22	96247.06128	0.05353	0.05586	0.0714	0.07032	0.05327	0.05386	2.68E-04	3.01E-07	3.18E-07	6.51E-07	6.39E-07	1.74E-07	1.76E-07	2.7047E-04
606907.8	4200968.22	72175.21083	0.08304	0.08624	0.08637	0.08421	0.05101	0.05136	2.01E-04	4.67E-07	4.91E-07	7.88E-07	7.65E-07	1.67E-07	1.68E-07	2.0397E-04
606927.8	4200968.22	68954.23852	0.09047	0.09403	0.0897	0.08723	0.05057	0.05088	1.92E-04	5.09E-07	5.36E-07	8.18E-07	7.92E-07	1.65E-07	1.66E-07	1.9514E-04
606947.8	4200968.22	65916.57911	0.09896	0.10277	0.0933	0.09045	0.05012	0.0504	1.84E-04	5.57E-07	5.86E-07	8.51E-07	8.22E-07	1.64E-07	1.65E-07	1.8683E-04
606967.8	4200968.22	63049.63174	0.10873	0.11283	0.09716	0.09386	0.04965	0.0499	1.76E-04	6.12E-07	6.43E-07	8.86E-07	8.53E-07	1.62E-07	1.63E-07	1.7902E-04
606987.8	4200968.22	60342.04403	0.12011	0.12447	0.10129	0.09744	0.04917	0.04939	1.68E-04	6.76E-07	7.09E-07	9.24E-07	8.85E-07	1.61E-07	1.61E-07	1.7167E-04
607007.8	4200968.22	57783.28174	0.13345	0.13807	0.1057	0.1012	0.04868	0.04887	1.61E-04	7.51E-07	7.87E-07	9.64E-07	9.19E-07	1.59E-07	1.60E-07	1.6476E-04
607027.8	4200968.22	55360.22297	0.14928	0.15399	0.11034	0.10504	0.04819	0.04835	1.54E-04	8.40E-07	8.77E-07	1.01E-06	9.54E-07	1.58E-07	1.58E-07	1.5826E-04
607047.8	4200968.22	53066.2864	0.1681	0.1728	0.1152	0.10899	0.04768	0.04781	1.48E-04	9.45E-07	9.85E-07	1.05E-06	9.90E-07	1.56E-07	1.56E-07	1.5216E-04
607067.8	4200968.22	50900.3727	0.19055	0.19503	0.12019	0.11292	0.04716	0.04728	1.42E-04	1.07E-06	1.11E-06	1.10E-06	1.03E-06	1.54E-07	1.54E-07	1.4646E-04
607087.8	4200968.22	48849.09309	0.21783	0.22175	0.1253	0.11678	0.04664	0.04673	1.36E-04	1.23E-06	1.26E-06	1.14E-06	1.06E-06	1.53E-07	1.53E-07	1.4112E-04
607107.8	4200968.22	46905.44523	0.25128	0.25382	0.13045	0.12054	0.04612	0.04619	1.31E-04	1.41E-06	1.45E-06	1.19E-06	1.09E-06	1.51E-07	1.51E-07	1.3616E-04
607127.8	4200968.22	45062.18293	0.29269	0.29283	0.1355	0.12405	0.04559	0.04564	1.26E-04	1.65E-06	1.67E-06	1.24E-06	1.13E-06	1.49E-07	1.49E-07	1.3155E-04

607147.8	4200968.22	43315.38876	0.34443	0.34056	0.14025	0.12715	0.04506	0.04508	1.21E-04	1.94E-06	1.94E-06	1.28E-06	1.16E-06	1.47E-07	1.47E-07	1.2731E-04
607167.8	4200968.22	41657.32047	0.41015	0.39981	0.14448	0.12973	0.04452	0.04453	1.16E-04	2.31E-06	2.28E-06	1.32E-06	1.18E-06	1.46E-07	1.45E-07	1.2346E-04
607187.8	4200968.22	40081.20314	0.49534	0.47458	0.14805	0.13177	0.04398	0.04398	1.12E-04	2.79E-06	2.70E-06	1.35E-06	1.20E-06	1.44E-07	1.44E-07	1.2002E-04
607207.8	4200968.22	38584.54916	0.60802	0.57062	0.15069	0.13322	0.04344	0.04342	1.08E-04	3.42E-06	3.25E-06	1.37E-06	1.21E-06	1.42E-07	1.42E-07	1.1706E-04
607227.8	4200968.22	37173.20233	0.75815	0.6946	0.1518	0.1336	0.04291	0.04287	1.04E-04	4.26E-06	3.96E-06	1.38E-06	1.21E-06	1.40E-07	1.40E-07	1.1469E-04
606527.8	4200988.22	215197.2598	0.0266	0.02752	0.05041	0.05014	0.05794	0.05926	6.00E-04	1.50E-07	1.57E-07	4.60E-07	4.55E-07	1.89E-07	1.93E-07	6.0129E-04
606547.8	4200988.22	206121.1785	0.02764	0.02864	0.05181	0.05139	0.05805	0.0593	5.74E-04	1.55E-07	1.63E-07	4.73E-07	4.67E-07	1.90E-07	1.94E-07	5.7603E-04
606567.8	4200988.22	195154.8536	0.02894	0.02986	0.05285	0.0527	0.05809	0.05927	5.44E-04	1.63E-07	1.70E-07	4.82E-07	4.79E-07	1.90E-07	1.93E-07	5.4551E-04
606587.8	4200988.22	183754.4458	0.03022	0.03122	0.05426	0.05409	0.05809	0.0592	5.12E-04	1.70E-07	1.78E-07	4.95E-07	4.91E-07	1.90E-07	1.93E-07	5.1378E-04
606607.8	4200988.22	172593.6763	0.03161	0.03268	0.05576	0.05553	0.05804	0.05908	4.81E-04	1.78E-07	1.86E-07	5.09E-07	5.04E-07	1.90E-07	1.93E-07	4.8272E-04
606627.8	4200988.22	162258.767	0.03287	0.03398	0.05735	0.05711	0.05795	0.05893	4.52E-04	1.85E-07	1.94E-07	5.23E-07	5.19E-07	1.90E-07	1.92E-07	4.5396E-04
606647.8	4200988.22	152568.2566	0.0342	0.03565	0.05947	0.05875	0.05781	0.05873	4.25E-04	1.92E-07	2.03E-07	5.42E-07	5.34E-07	1.89E-07	1.92E-07	4.2701E-04
606667.8	4200988.22	143665.5732	0.03587	0.03739	0.06149	0.06112	0.05764	0.05851	4.00E-04	2.02E-07	2.13E-07	5.61E-07	5.55E-07	1.89E-07	1.91E-07	4.0226E-04
606687.8	4200988.22	135502.4393	0.03748	0.03911	0.0633	0.06287	0.05745	0.05825	3.78E-04	2.11E-07	2.23E-07	5.77E-07	5.71E-07	1.88E-07	1.90E-07	3.7956E-04
606707.8	4200988.22	127818.4503	0.0393	0.04106	0.06522	0.06472	0.0572	0.05795	3.56E-04	2.21E-07	2.34E-07	5.95E-07	5.88E-07	1.87E-07	1.89E-07	3.5820E-04
606727.8	4200988.22	120647.4398	0.04135	0.04324	0.06724	0.06667	0.05691	0.05761	3.36E-04	2.33E-07	2.46E-07	6.13E-07	6.06E-07	1.86E-07	1.88E-07	3.3827E-04
606747.8	4200988.22	113909.9895	0.04374	0.04577	0.06942	0.06876	0.05658	0.05722	3.17E-04	2.46E-07	2.61E-07	6.33E-07	6.25E-07	1.85E-07	1.87E-07	3.1956E-04
606867.8	4200988.22	82653.51899	0.06455	0.06738	0.08434	0.08301	0.05405	0.05442	2.30E-04	3.63E-07	3.84E-07	7.69E-07	7.54E-07	1.77E-07	1.78E-07	2.3295E-04
606887.8	4200988.22	78616.46183	0.07006	0.07319	0.08759	0.08606	0.05356	0.05389	2.19E-04	3.94E-07	4.17E-07	7.99E-07	7.82E-07	1.75E-07	1.76E-07	2.2182E-04
606907.8	4200988.22	74850.19147	0.07615	0.07957	0.09108	0.08929	0.05305	0.05335	2.09E-04	4.28E-07	4.53E-07	8.31E-07	8.11E-07	1.73E-07	1.74E-07	2.1145E-04
606927.8	4200988.22	71321.9691	0.08284	0.08667	0.09491	0.09285	0.05253	0.0528	1.99E-04	4.66E-07	4.94E-07	8.66E-07	8.43E-07	1.72E-07	1.72E-07	2.0176E-04
606947.8	4200988.22	68012.73324	0.09048	0.09466	0.09909	0.09669	0.052	0.05223	1.90E-04	5.09E-07	5.39E-07	9.04E-07	8.78E-07	1.70E-07	1.70E-07	1.9270E-04
606967.8	4200988.22	64905.42088	0.09927	0.10386	0.10363	0.10083	0.05146	0.05166	1.81E-04	5.58E-07	5.92E-07	9.45E-07	9.16E-07	1.68E-07	1.69E-07	1.8422E-04
606987.8	4200988.22	61984.77782	0.10953	0.11454	0.10857	0.10526	0.05091	0.05108	1.73E-04	6.16E-07	6.53E-07	9.90E-07	9.56E-07	1.66E-07	1.67E-07	1.7628E-04
607007.8	4200988.22	59237.04278	0.12156	0.12707	0.11397	0.11003	0.05035	0.05049	1.65E-04	6.84E-07	7.24E-07	1.04E-06	1.00E-06	1.65E-07	1.65E-07	1.6885E-04
607027.8	4200988.22	56640.02352	0.13599	0.14191	0.11986	0.11514	0.04978	0.04989	1.58E-04	7.65E-07	8.09E-07	1.09E-06	1.05E-06	1.63E-07	1.63E-07	1.6187E-04
607047.8	4200988.22	54202.38527	0.15301	0.15935	0.1261	0.12044	0.04921	0.04929	1.51E-04	8.61E-07	9.08E-07	1.15E-06	1.09E-06	1.61E-07	1.61E-07	1.5538E-04
607067.8	4200988.22	51903.46353	0.17356	0.18024	0.13281	0.12602	0.04863	0.04869	1.45E-04	9.76E-07	1.03E-06	1.21E-06	1.14E-06	1.59E-07	1.59E-07	1.4931E-04
607087.8	4200988.22	49733.91801	0.19874	0.20563	0.14001	0.13181	0.04805	0.04809	1.39E-04	1.12E-06	1.17E-06	1.28E-06	1.20E-06	1.57E-07	1.57E-07	1.4367E-04
607107.8	4200988.22	47684.9446	0.22993	0.2365	0.14767	0.13779	0.04746	0.04748	1.33E-04	1.29E-06	1.35E-06	1.35E-06	1.25E-06	1.55E-07	1.55E-07	1.3843E-04
607127.8	4200988.22	45748.60052	0.26906	0.27459	0.15572	0.14383	0.04687	0.04688	1.27E-04	1.51E-06	1.56E-06	1.42E-06	1.31E-06	1.53E-07	1.53E-07	1.3360E-04
607147.8	4200988.22	43917.61723	0.31888	0.32211	0.16403	0.14975	0.04628	0.04627	1.22E-04	1.79E-06	1.84E-06	1.50E-06	1.36E-06	1.51E-07	1.51E-07	1.2917E-04
607167.8	4200988.22	42185.16499	0.38342	0.38214	0.17231	0.15534	0.04569	0.04566	1.18E-04	2.16E-06	2.18E-06	1.57E-06	1.41E-06	1.49E-07	1.49E-07	1.2517E-04
607187.8	4200988.22	40544.9609	0.4687	0.45905	0.18019	0.16033	0.04511	0.04506	1.13E-04	2.64E-06	2.62E-06	1.64E-06	1.46E-06	1.48E-07	1.47E-07	1.2163E-04
607207.8	4200988.22	38993.32682	0.58356	0.55906	0.18702	0.16431	0.04452	0.04445	1.09E-04	3.28E-06	3.19E-06	1.71E-06	1.49E-06	1.46E-07	1.45E-07	1.1862E-04
606527.8	4201008.22	277767.951	0.02482	0.02572	0.05169	0.05167	0.06202	0.06334	7.74E-04	1.40E-07	1.47E-07	4.71E-07	4.69E-07	2.03E-07	2.07E-07	7.7568E-04
606547.8	4201008.22	256239.1137	0.02578	0.02674	0.05305	0.05301	0.06202	0.06325	7.14E-04	1.45E-07	1.52E-07	4.84E-07	4.82E-07	2.03E-07	2.06E-07	7.1572E-04
606567.8	4201008.22	233278.3216	0.02688	0.0279	0.0545	0.05444	0.06194	0.0631	6.50E-04	1.51E-07	1.59E-07	4.97E-07	4.95E-07	2.03E-07	2.06E-07	6.5178E-04
606587.8	4201008.22	213362.1172	0.02801	0.0291	0.05603	0.05587	0.06182	0.06291	5.95E-04	1.58E-07	1.66E-07	5.11E-07	5.08E-07	2.02E-07	2.05E-07	5.9632E-04
606607.8	4201008.22	196241.1401	0.02923	0.03039	0.05759	0.05733	0.06165	0.06267	5.47E-04	1.64E-07	1.73E-07	5.25E-07	5.21E-07	2.02E-07	2.05E-07	5.4865E-04
606627.8	4201008.22	181611.0144	0.03046	0.0317	0.05932	0.05919	0.06145	0.0624	5.06E-04	1.71E-07	1.81E-07	5.41E-07	5.38E-07	2.01E-07	2.04E-07	5.0792E-04
606647.8	4201008.22	168773.8313	0.03174	0.03308	0.06108	0.06091	0.06121	0.06209	4.70E-04	1.79E-07	1.88E-07	5.57E-07	5.53E-07	2.00E-07	2.03E-07	4.7219E-04
606667.8	4201008.22	157172.792	0.03319	0.03462	0.06295	0.06274	0.06092	0.06173	4.38E-04	1.87E-07	1.97E-07	5.74E-07	5.70E-07	1.99E-07	2.01E-07	4.3992E-04
606687.8	4201008.22	146949.7501	0.03463	0.03617	0.06487	0.06462	0.0606	0.06136	4.09E-04	1.95E-07	2.06E-07	5.92E-07	5.87E-07	1.98E-07	2.00E-07	4.1148E-04
606827.8	4201008.22	95760.93592	0.05142	0.05409	0.08241	0.08162	0.0574	0.0578	2.67E-04	2.89E-07	3.08E-07	7.52E-07	7.41E-07	1.88E-07	1.89E-07	2.6932E-04
606847.8	4201008.22	90619.50105	0.05504	0.05794	0.08561	0.08453	0.05685	0.05721	2.53E-04	3.10E-07	3.30E-07	7.81E-07	7.68E-07	1.86E-07	1.87E-07	2.5509E-04
606867.8	4201008.22	85838.77625	0.05931	0.06201	0.08794	0.08697	0.05628	0.0566	2.39E-04	3.34E-07	3.53E-07	8.02E-07	7.90E-07	1.84E-07	1.85E-07	2.4185E-04
606887.8	4201008.22	81419.91321	0.06411	0.06726	0.09157	0.09044	0.0557	0.05598	2.27E-04	3.61E-07	3.83E-07	8.35E-07	8.22E-07	1.82E-07	1.83E-07	2.2965E-04
606907.8	4201008.22	77314.90958	0.06953	0.07299	0.09548	0.09413	0.0551	0.05535	2.15E-04	3.91E-07	4.16E-07	8.71E-07	8.55E-07	1.80E-07	1.81E-07	2.1834E-04
606927.8	4201008.22	73489.49003	0.07547	0.07938	0.09979	0.09821	0.0545	0.05471	2.05E-04	4.24E-07	4.52E-07	9.10E-07	8.92E-07	1.78E-07	1.79E-07	2.0783E-04
606947.8	4201008.22	69918.83217	0.08224	0.08656	0.10451	0.10267	0.05389	0.05406	1.95E-04	4.63E-07	4.93E-07	9.53E-07	9.33E-07	1.76E-07	1.76E-07	1.9803E-04
606967.8	4201008.22	66581.24574	0.09001	0.09483	0.10971	0.10752	0.05327	0.05341	1.86E-04	5.06E-07	5.40E-07	1.00E-06	9.77E-07	1.74E-07	1.74E-07	1.8891E-04
606987.8	4201008.22	63457.39974	0.09908	0.10443	0.11543	0.11282	0.05264	0.05275	1.77E-04	5.57E-07	5.95E-07	1.05E-06	1.02E-06	1.72E-07	1.72E-07	1.8041E-04
607007.8	4201008.22	60530.15223	0.1097	0.11571	0.12178	0.11862	0.05201	0.05209	1.69E-04	6.17E-07	6.59E-07	1.11E-06	1.08E-06	1.70E-07	1.70E-07	1.7248E-04
607027.8	4201008.22	57775.26653	0.12244	0.1291	0.12883	0.12497	0.05136	0.05142	1.61E-04	6.89E-07	7.36E-07	1.18E-06	1.14E-06	1.68E-07	1.68E-07	1.6507E-04
607047.8	4201008.22	55196.46306	0.1375	0.14491	0.1365	0.13178	0.05072	0.05076	1.54E-04	7.73E-07	8.26E-07	1.25E-06	1.20E-06	1.66E-07	1.66E-07	1.5819E-04
607067.8	4201008.22	52773.48878	0.15571	0.16395	0.14498	0.13918	0.05007	0.05009	1.47E-04	8.76E-07	9.34E-07	1.32E-06	1.26E-06	1.64E-07	1.63E-07	1.5179E-04
607087.8	4201008.22	50494.04669	0.17811	0.18724	0.15438	0.14718	0.04943	0.04942	1.41E-04	1.00E-06	1.07E-06	1.41E-06	1.34E-06	1.62E-07	1.61E-07	1.4585E-04
607107.8	4201008.22	48347.76374	0.20605	0.21588	0.16481	0.15585	0.04878	0.04876	1.35E-04	1.16E-06	1.23E-06	1.50E-06	1.42E-06	1.60E-07	1.59E-07	1.4036E-04
607127.8	4201008.22	46325.27347	0.24143	0.25171	0.17637	0.16515	0.04813	0.04809	1.29E-04	1.36E-06	1.43E-06	1.61E-06	1.50E-06	1.57E-07	1.57E-07	1.3531E-04
607147.8	4201008.22	44418.02553	0.28712	0.29719	0.18915	0.17502	0.04749	0.04743	1.24E-04	1.61E-06	1.69E-06	1.73E-06	1.59E-06	1.55E-07	1.55E-07	1.3071E-04
607167.8	4201008.22	42618.05725	0.34743	0.35588	0.2031	0.1853	0.04684	0.04677	1.19E-04	1.95E-06	2.03E-06	1.85E-06	1.68E-06	1.53E-07	1.53E-07	1.2659E-04
607187.8	4201008.22	40918.10695	0.42902	0.4329	0.21804	0.1957	0.0462	0.04611	1.14E-04	2.41E-06	2.47E-06	1.99E-06	1.78E-06	1.51E-07	1.51E-07	1.2297E-04
607207.8	4201008.22	39316.70218	0.54124	0.53497	0.2331	0.20543	0.04557	0.04546	1.10E-04	3.04E-06	3.05E-06	2.13E-06	1.87E-06	1.49E-07	1.48E-07	1.1994E-04
606787.8	4201028.22	112502.0795	0.04154	0.04362	0.07875	0.07845	0.06111	0.06153	3.14E-04	2.34E-07	2.49E-07	7.18E-07	7.13E-07	2.00E-07	2.01E-07	3.1582E-04
606807.8	4201028.22	105782.2065	0.04413	0.0464	0.08179	0.08142	0.06048	0.06087	2.95E-04	2.48E-07	2.64E-07	7.46E-07	7.40E-07	1.98E-07	1.99E-07	2.9717E-04
606827.8	4201028.22	99612.01016	0.04706	0.04954	0.08506	0.08462	0.05984	0.06018	2.78E-04	2.65E-07	2.82E-07	7.76E-07	7.69E-07	1.96E-07	1.96E-07	2.8007E-04
606847.8	4201028.22	93973.34368	0.05027	0.05298	0.08855	0.08784	0.05919	0.05948	2.62E-04	2.83E-07	3.02E-07	8.08E-07	7.98E-07	1.94E-07	1.94E-07	2.6445E-04
606867.8	4201028.22	88765.5092	0.05422	0.05681	0.09117	0.0906	0.05852	0.05877	2.47E-04	3.05E-07	3.24E-07	8.32E-07	8.23E-07	1.91E-07	1.92E-07	2.5003E-04
606887.8	4201028.22	83970.69697	0.05857	0.06157	0.09517	0.09448	0.05784	0.05806	2.34E-04	3.29E-07	3.51E-07	8.68E-07	8.58E-07	1.89E-07	1.90E-07	2.3678E-04
606907.8	4201028.22	79541.90893	0.06336	0.06667	0.09948	0.09862	0.05716	0.05734	2.22E-04	3.56E-07	3.80E-07	9.07E-07	8.96E-07	1.87E-07	1.87E-07	2.2457E-04
606927.8	4201028.22	75433.57891	0.06858	0.07235	0.10423	0.10321	0.05647	0.05661	2.10E-04	3.86E-07	4.12E-07	9.51E-07	9.38E-07	1.85E-07	1.85E-07	2.1326E-04
606947.8	4201028.22	71615.1711	0.0745	0.0787	0.10946	0.10824	0.05577	0.05588	2.00E-04	4.19E-07	4.48E-07	9.98E-07	9.83E-07	1.82E-07	1.82E-07	2.0278E-04
606967.8	4201028.22	68060.36359	0.08127	0.08601	0.11525	0.11377	0.05506	0.05515	1.90E-04	4.57E-07	4.90E-07	1.05E-06	1.03E-06	1.80E-07	1.80E-07	1.9305E-04
606987.8	4201028.22	64744.75071	0.08917	0.09449	0.12169	0.1199	0.05435	0.05441	1.80E-04	5.02E-07	5.38E-07	1.11E-06	1.09E-06	1.78E-07	1.78E-07	1.8402E-04
607007.8	4201028.22	61654.55836	0.0983	0.10438	0.12886	0.12664	0.05365	0.05368	1.72E-04	5.53E-07	5.95E-07	1.18E-06	1.15E-06	1.75E-07	1.75E-07	1.7563E-04
607027.8	4201028.22	58757.28481	0.10926	0.1161	0.13693	0.13417	0.05293	0.05294	1.64E-04	6.14E-07	6.61E-07	1.25E-06	1.22E-06	1.73E-07	1.73E-07	1.6783E-04
607047.8	4201028.22	56047.48389	0.12223	0.13001	0.14594	0.1425	0.05222	0.0522	1.56E-04	6.87E-07	7.41E-07	1.33E-06	1.29E-06	1.71E-07	1.70E-07	1.6058E-04
607067.8	4201028.22	53506.88398	0.13795	0.14688	0.15612	0.15178	0.0515	0.05146	1.49E-04	7.76E-07	8.37E-07	1.42E-06	1.38E-06	1.68E-07	1.68E-07	1.5386E-04
607087.8	4201028.22	51127.10511	0.15717	0.16748	0.16761	0.16209	0.05079	0.05073	1.42E-04	8.84E-07	9.54E-07	1.53E-06	1.47E-06	1.66E-07	1.66E-07	1.4764E-04
607107.8	4201028.22	48892.54301	0.18119	0.19296	0.18075	0.17365	0.05008	0.05	1.36E-04	1.02E-06	1.10E-06	1.65E-06	1.58E-06	1.64E-07	1.63E-07	1.4192E-04
607127.8	4201028.22	46792.39048	0.21169	0.22513	0.19587	0.18665	0.04937	0.04928	1.30E-04	1.19E-06	1.28E-06	1.79E-06	1.70E-06	1.61E-07	1.61E-07	1.3667E-04
607147.8	4201028.22	44815.49606	0.25144	0.2666	0.21345	0.20132	0.04866	0.04855	1.25E-04	1.41E-06	1.52E-06	1.95E-06	1.83E-06	1.59E-07	1.58E-07	1.3191E-04
607167.8	4201028.22	42957.35371	0.3042	0.32085	0.23387	0.2177	0.04796	0.04784	1.20E-04	1.71E-06	1.83E-06	2.13E-06	1.98E-06	1.57E-07	1.56E-07	1.2767E-04
607187.8	4201028.22	41207.90842	0.3765	0.39358	0.2577	0.2359	0.04727	0.04713	1.15E-04	2.12E-06	2.24E-06	2.35E-06	2.14E-06	1.55E-07	1.54E-07	1.2399E-04
606727.8	4201048.22	144434.0394	0.03259	0.03403	0.07215	0.07224	0.06589	0.0664	4.02E-04	1.83E-07	1.94E-07	6.58E-07	6.56E-07	2.15E-07	2.17E-07	4.0461E-04
606747.8	4201048.22	134367.8841	0.03428	0.03584	0.07478	0.07484	0.06521	0.06567	3.74E-04	1.93E-07	2.04E-07	6.82E-07	6.80E-07	2.13E-07	2.14E-07	3.7662E-04
606767.8	4201048.22	125302.784	0.03621	0.03791	0.07763	0.07765	0.0645	0.06491	3.49E-04	2.04E-07	2.16E-07	7.08E-07	7.05E-07	2.11E-07	2.12E-07	3.5143E-04
606787.8	4201048.22	117200.3527	0.03825	0.0401	0.08062	0.08061	0.06378	0.06414	3.27E-04	2.15E-07	2.28E-07	7.35E-07	7.32E-07	2.09E-07	2.09E-07	3.2893E-04
606807.8	4201048.22	109818.3421	0.04059	0.0426	0.08386	0.08382	0.06304	0.06335	3.06E-04	2.28E-07	2.43E-07	7.65E-07	7.61E-07	2.06E-07	2.07E-07	3.0844E-04
606827.8	4201048.22	103120.5608	0.04314	0.04534	0.08733	0.08725	0.06229	0.06256	2.87E-04	2.43E-07	2.58E-07	7.97E-07	7.93E-07	2.04E-07	2.04E-07	2.8986E-04
606847.8	4201048.22	96982.18144	0.04605	0.04846	0.09104	0.09061	0.06153	0.06175	2.70E-04	2.59E-07	2.76E-07	8.30E-07	8.23E-07	2.01E-07	2.02E-07	2.7285E-04
606867.8	4201048.22	91385.55215	0.04972	0.05201	0.09403	0.09386	0.06076	0.06094	2.55E-04	2.80E-07	2.96E-07	8.58E-07	8.53E-07	1.99E-07	1.99E-07	2.5734E-04
606887.8	4201048.22	86236.06136	0.05359	0.0563	0.09835	0.09812	0.05998	0.06013	2.40E-04	3.01E-07	3.21E-07	8.97E-07	8.91E-07	1.96E-07	1.96E-07	2.4311E-04
606907.8	4201048.22	81512.3386	0.05766	0.06074	0.10302	0.10268	0.0592	0.05932	2.27E-04	3.24E-07	3.46E-07	9.40E-07	9.33E-07	1.94E-07	1.94E-07	2.3008E-04
606927.8	4201048.22	77137.33996	0.06228	0.06574	0.10815	0.10771	0.05842	0.0585	2.15E-04	3.50E-07	3.75E-07	9.86E-07	9.78E-07	1.91E-07	1.91E-07	2.1803E-04
606947.8	4201048.22	73088.30092	0.06745	0.0713	0.11383	0.11327	0.05763	0.05768	2.04E-04	3.79E-07	4.06E-07	1.04E-06	1.03E-06	1.88E-07	1.88E-07	2.0690E-04
606967.8	4201048.22	69340.29165	0.07325	0.07758	0.12009	0.11939	0.05684	0.05687	1.93E-04	4.12E-07	4.42E-07	1.10E-06	1.08E-06	1.86E-07	1.86E-07	1.9663E-04
606987.8	4201048.22	65849.53203	0.07999	0.08495	0.12712	0.12623	0.05605	0.05605	1.84E-04	4.50E-07	4.84E-07	1.16E-06	1.15E-06	1.83E-07	1.83E-07	1.8711E-04
607007.8	4201048.22	62602.05527	0.08785	0.09355	0.13503	0.13389	0.05526	0.05523	1.74E-04	4.94E-07	5.33E-07	1.23E-06	1.22E-06	1.81E-07	1.80E-07	1.7829E-04
607027.8	4201048.22	59570.17241	0.09716	0.10362	0.14402	0.14252	0.05447	0.05442	1.66E-04	5.46E-07	5.90E-07	1.31E-06	1.29E-06	1.78E-07	1.78E-07	1.7010E-04
607047.8	4201048.22	56742.00597	0.10813	0.11558	0.15418	0.15224	0.05368	0.05361	1.58E-04	6.08E-07	6.59E-07	1.41E-06	1.38E-06	1.76E-07	1.75E-07	1.6253E-04
607067.8	4201048.22	54101.38951	0.12127	0.12996	0.16575	0.16322	0.0529	0.05281	1.51E-04	6.82E-07	7.40E-07	1.51E-06	1.48E-06	1.73E-07	1.72E-07	1.5552E-04
607087.8	4201048.22	51630.34531	0.13734	0.14756	0.17907	0.17575	0.05212	0.05201	1.44E-04	7.72E-07	8.41E-07	1.63E-06	1.60E-06	1.70E-07	1.70E-07	1.4906E-04
607107.8	4201048.22	49317.56357	0.15725	0.16931	0.19455	0.19011	0.05134	0.05122	1.37E-04	8.84E-07	9.65E-07	1.77E-06	1.73E-06	1.68E-07	1.67E-07	1.4312E-04
607127.8	4201048.22	47149.07415	0.18242	0.1968	0.2128	0.2068	0.05057	0.05043	1.31E-04	1.03E-06	1.12E-06	1.94E-06	1.88E-06	1.65E-07	1.65E-07	1.3769E-04
607147.8	4201048.22	45113.72943	0.21508	0.23233	0.23461	0.22635	0.04981	0.04965	1.26E-04	1.21E-06	1.32E-06	2.14E-06	2.06E-06	1.63E-07	1.62E-07	1.3277E-04
607167.8	4201048.22	43198.45355	0.25891	0.27978	0.26126	0.24964	0.04905	0.04888	1.20E-04	1.46E-06	1.59E-06	2.38E-06	2.27E-06	1.60E-07	1.60E-07	1.2840E-04
607187.8	4201048.22	41403.22709	0.31862	0.34397	0.29406	0.2773	0.0483	0.04812	1.15E-04	1.79E-06	1.96E-06	2.68E-06	2.52E-06	1.58E-07	1.57E-07	1.2464E-04
606527.8	4201068.22	530833.5298	0.02042	0.02105	0.05361	0.0539	0.07547	0.07666	1.48E-03	1.15E-07	1.20E-07	4.89E-07	4.90E-07	2.47E-07	2.50E-07	1.4810E-03
606547.8	4201068.22	429946.4651	0.02117	0.02184	0.05513	0.05542	0.07501	0.0761	1.20E-03	1.19E-07	1.24E-07	5.03E-07	5.03E-07	2.45E-07	2.48E-07	1.1999E-03
606567.8	4201068.22	351363.5706	0.02198	0.0227	0.05675	0.05705	0.07449	0.07549	9.79E-04	1.24E-07	1.29E-07	5.18E-07	5.18E-07	2.44E-07	2.46E-07	9.8091E-04
606587.8	4201068.22	300763.3814	0.02281	0.02357	0.05843	0.05874	0.07391	0.07483	8.38E-04	1.28E-07	1.34E-07	5.33E-07	5.34E-07	2.42E-07	2.44E-07	8.3994E-04
606607.8	4201068.22	264510.5256	0.02367	0.02448	0.0602	0.06051	0.07331	0.07414	7.37E-04	1.33E-07	1.39E-07	5.49E-07	5.50E-07	2.40E-07	2.42E-07	7.3895E-04
606627.8	4201068.22	236447.8945	0.02456	0.02543	0.06206	0.06238	0.07266	0.07342	6.59E-04	1.38E-07	1.45E-07	5.66E-07	5.67E-07	2.38E-07	2.40E-07	6.6079E-04
606647.8	4201068.22	213285.0268	0.0256	0.02652	0.06408	0.06441	0.07197	0.07266	5.94E-04	1.44E-07	1.51E-07	5.84E-07	5.85E-07	2.35E-07	2.37E-07	5.9629E-04
606667.8	4201068.22	194198.3656	0.02662	0.02762	0.06618	0.0665	0.07126	0.07188	5.41E-04	1.50E-07	1.57E-07	6.04E-07	6.04E-07	2.33E-07	2.35E-07	5.4315E-04
606687.8	4201068.22	177767.5309	0.02778	0.02885	0.06844	0.06876	0.07052	0.07107	4.95E-04	1.56E-07	1.64E-07	6.24E-07	6.25E-07	2.31E-07	2.32E-07	4.9741E-04
606707.8	4201068.22	163611.6529	0.02899	0.03014	0.07081	0.07112	0.06976	0.07025	4.56E-04	1.63E-07	1.72E-07	6.46E-07	6.46E-07	2.28E-07	2.29E-07	4.5801E-04
606727.8	4201068.22	151138.0328	0.03036	0.0316	0.07337	0.07367	0.06896	0.0694	4.21E-04	1.71E-07	1.80E-07	6.69E-07	6.69E-07	2.26E-07	2.27E-07	4.2331E-04
606747.8	4201068.22	140053.3296	0.03191	0.03325	0.07613	0.07642	0.06815	0.06853	3.90E-04	1.79E-07	1.89E-07	6.94E-07	6.94E-07	2.23E-07	2.24E-07	3.9248E-04
606767.8	4201068.22	130212.4463	0.03359	0.03504	0.07907	0.07935	0.06732	0.06764	3.63E-04	1.89E-07	2.00E-07	7.21E-07	7.21E-07	2.20E-07	2.21E-07	3.6513E-04
606787.8	4201068.22	121403.621	0.03542	0.03699	0.0822	0.08247	0.06647	0.06675	3.38E-04	1.99E-07	2.11E-07	7.50E-07	7.49E-07	2.17E-07	2.18E-07	3.4065E-04
606807.8	4201068.22	113412.592	0.03752	0.03924	0.08563	0.08589	0.06561	0.06584	3.16E-04	2.11E-07	2.24E-07	7.81E-07	7.80E-07	2.15E-07	2.15E-07	3.1847E-04
606827.8	4201068.22	106198.9826	0.03981	0.04169	0.08929	0.08955	0.06474	0.06493	2.96E-04	2.24E-07	2.38E-07	8.14E-07	8.13E-07	2.12E-07	2.12E-07	2.9845E-04
606847.8	4201068.22	99650.55016	0.04232	0.04438	0.09324	0.09333	0.06387	0.06402	2.78E-04	2.38E-07	2.53E-07	8.50E-07	8.48E-07	2.09E-07	2.09E-07	2.8030E-04
606867.8	4201068.22	93673.00958	0.04569	0.04749	0.09655	0.09675	0.06299	0.0631	2.61E-04	2.57E-07	2.71E-07	8.81E-07	8.79E-07	2.06E-07	2.06E-07	2.6373E-04
606887.8	4201068.22	88213.1994	0.04902	0.05137	0.10107	0.10128	0.06211	0.06219	2.46E-04	2.76E-07	2.93E-07	9.22E-07	9.20E-07	2.03E-07	2.03E-07	2.4864E-04
606907.8	4201068.22	83200.92066	0.05266	0.05531	0.10607	0.10626	0.06123	0.06128	2.32E-04	2.96E-07	3.15E-07	9.68E-07	9.65E-07	2.00E-07	2.00E-07	2.3480E-04
606927.8	4201068.22	78584.47405	0.05674	0.05978	0.11152	0.11166	0.06035	0.06036	2.19E-04	3.19E-07	3.41E-07	1.02E-06	1.01E-06	1.97E-07	1.97E-07	2.2207E-04
606947.8	4201068.22	74326.1211	0.06122	0.06457	0.11757	0.11768	0.05947	0.05946	2.07E-04	3.44E-07	3.68E-07	1.07E-06	1.07E-06	1.94E-07	1.94E-07	2.1036E-04
606967.8	4201068.22	70390.02413	0.06628	0.07005	0.12431	0.12437	0.0586	0.05855	1.96E-04	3.73E-07	3.99E-07	1.13E-06	1.13E-06	1.92E-07	1.91E-07	1.9957E-04
606987.8	4201068.22	66741.20427	0.07207	0.07637	0.13183	0.13184	0.05772	0.05765	1.86E-04	4.05E-07	4.35E-07	1.20E-06	1.20E-06	1.89E-07	1.88E-07	1.8960E-04
607007.8	4201068.22	63362.05576	0.07868	0.0836	0.14027	0.1402	0.05685	0.05676	1.77E-04	4.43E-07	4.76E-07	1.28E-06	1.27E-06	1.86E-07	1.85E-07	1.8041E-04
607027.8	4201068.22	60215.92756	0.08646	0.09213	0.14991	0.14973	0.05599	0.05587	1.68E-04	4.86E-07	5.25E-07	1.37E-06	1.36E-06	1.83E-07	1.82E-07	1.7191E-04
607047.8	4201068.22	57280.06993	0.09573	0.10227	0.16101	0.16066	0.05512	0.05499	1.60E-04	5.38E-07	5.83E-07	1.47E-06	1.46E-06	1.80E-07	1.79E-07	1.6403E-04
607067.8	4201068.22	54547.92034	0.10669	0.11432	0.17373	0.17314	0.05426	0.05411	1.52E-04	6.00E-07	6.51E-07	1.58E-06	1.57E-06	1.77E-07	1.77E-07	1.5677E-04
607087.8	4201068.22	51998.28657	0.11991	0.12893	0.18848	0.18757	0.05342	0.05325	1.45E-04	6.74E-07	7.35E-07	1.72E-06	1.70E-06	1.75E-07	1.74E-07	1.5008E-04
607107.8	4201068.22	49613.74451	0.1363	0.14706	0.20589	0.2045	0.05257	0.05239	1.38E-04	7.67E-07	8.38E-07	1.88E-06	1.86E-06	1.72E-07	1.71E-07	1.4394E-04
607127.8	4201068.22	47386.65325	0.15665	0.16965	0.22655	0.22446	0.05174	0.05154	1.32E-04	8.81E-07	9.67E-07	2.07E-06	2.04E-06	1.69E-07	1.68E-07	1.3834E-04
607147.8	4201068.22	45301.3717	0.18269	0.19866	0.25159	0.24843	0.05092	0.05071	1.26E-04	1.03E-06	1.13E-06	2.29E-06	2.26E-06	1.67E-07	1.66E-07	1.3328E-04
607167.8	4201068.22	43346.05729	0.21689	0.23697	0.28266	0.27779	0.0501	0.04988	1.21E-04	1.22E-06	1.35E-06	2.58E-06	2.52E-06	1.64E-07	1.63E-07	1.2879E-04
607187.8	4201068.22	41510.53146	0.26331	0.28924	0.32227	0.31453	0.0493	0.04907	1.16E-04	1.48E-06	1.65E-06	2.94E-06	2.86E-06	1.61E-07	1.60E-07	1.2492E-04
607207.8	4201068.22	39785.73014	0.3289	0.36351	0.37448	0.36178	0.04851	0.04827	1.11E-04	1.85E-06	2.07E-06	3.42E-06	3.29E-06	1.59E-07	1.58E-07	1.2181E-04
607227.8	4201068.22	38163.46122	0.42656	0.47459	0.44631	0.42462	0.04773	0.04748	1.06E-04	2.40E-06	2.70E-06	4.07E-06	3.86E-06	1.56E-07	1.55E-07	1.1969E-04
607247.8	4201068.22	36636.01359	0.58325	0.65243	0.55114	0.51185	0.04695	0.0467	1.02E-04	3.28E-06	3.72E-06	5.03E-06	4.65E-06	1.54E-07	1.52E-07	1.1907E-04
607267.8	4201068.22	35196.50107	0.86426	0.96507	0.7168	0.63975	0.0462	0.04594	9.81E-05	4.86E-06	5.50E-06	6.54E-06	5.81E-06	1.51E-07	1.50E-07	1.2109E-04
607287.8	4201068.22	33838.58958	1.45809	1.58626	1.00645	0.83985	0.04545	0.04518	9.43E-05	8.20E-06	9.04E-06	9.18E-06	7.63E-06	1.49E-07	1.47E-07	1.2864E-04
607307.8	4201068.22	32556.52752	3.00598	2.96884	1.53752	1.15462	0.04471	0.04444	9.07E-05	1.69E-05	1.69E-05	1.40E-05	1.05E-05	1.46E-07	1.45E-07	1.4935E-04
606527.8	4201088.22	572039.6666	0.01928	0.01983	0.05404	0.05441	0.08031	0.08142	1.59E-03	1.08E-07	1.13E-07	4.93E-07	4.94E-07	2.63E-07	2.66E-07	1.5958E-03
606547.8	4201088.22	464393.627	0.01998	0.02056	0.0556	0.05598	0.07965	0.08065	1.29E-03	1.12E-07	1.17E-07	5.07E-07	5.09E-07	2.60E-07	2.63E-07	1.2959E-03
606567.8	4201088.22	379268.6773	0.02069	0.02131	0.05723	0.05762	0.07893	0.07985	1.06E-03	1.16E-07	1.21E-07	5.22E-07	5.23E-07	2.58E-07	2.61E-07	1.0587E-03
606587.8	4201088.22	323029.052	0.02146	0.02212	0.05896	0.05938	0.07817	0.079	9.00E-04	1.21E-07	1.26E-07	5.38E-07	5.39E-07	2.56E-07	2.58E-07	9.0201E-04
606607.8	4201088.22	282624.1615	0.02224	0.02293	0.06076	0.06119	0.07738	0.07813	7.88E-04	1.25E-07	1.31E-07	5.54E-07	5.56E-07	2.53E-07	2.55E-07	7.8945E-04
606627.8	4201088.22	251010.8581	0.0231	0.02384	0.0627	0.06315	0.07656	0.07722	6.99E-04	1.30E-07	1.36E-07	5.72E-07	5.74E-07	2.50E-07	2.52E-07	7.0139E-04
606647.8	4201088.22	225536.8819	0.024	0.02479	0.06475	0.06521	0.0757	0.07629	6.28E-04	1.35E-07	1.41E-07	5.91E-07	5.92E-07	2.48E-07	2.49E-07	6.3045E-04
606667.8	4201088.22	204267.33	0.02498	0.02582	0.06693	0.0674	0.07483	0.07535	5.69E-04	1.40E-07	1.47E-07	6.10E-07	6.12E-07	2.45E-07	2.46E-07	5.7122E-04
606687.8	4201088.22	186167.0725	0.02605	0.02696	0.06928	0.06976	0.07393	0.07439	5.19E-04	1.47E-07	1.54E-07	6.32E-07	6.34E-07	2.42E-07	2.43E-07	5.2083E-04
606707.8	4201088.22	170607.6827	0.02721	0.02818	0.07176	0.07225	0.073	0.0734	4.75E-04	1.53E-07	1.61E-07	6.55E-07	6.56E-07	2.39E-07	2.40E-07	4.7753E-04
606727.8	4201088.22	157075.1416	0.02844	0.02949	0.0744	0.07489	0.07207	0.07241	4.38E-04	1.60E-07	1.68E-07	6.79E-07	6.80E-07	2.36E-07	2.36E-07	4.3987E-04
606747.8	4201088.22	145078.3664	0.02987	0.03099	0.07727	0.07777	0.0711	0.07139	4.04E-04	1.68E-07	1.77E-07	7.05E-07	7.06E-07	2.33E-07	2.33E-07	4.0650E-04
606767.8	4201088.22	134481.7196	0.03139	0.03261	0.08032	0.08082	0.07013	0.07037	3.75E-04	1.77E-07	1.86E-07	7.33E-07	7.34E-07	2.29E-07	2.30E-07	3.7704E-04
606787.8	4201088.22	125025.7634	0.03305	0.03437	0.08358	0.0841	0.06916	0.06935	3.48E-04	1.86E-07	1.96E-07	7.62E-07	7.64E-07	2.26E-07	2.26E-07	3.5076E-04
606807.8	4201088.22	116522.8335	0.0349	0.03634	0.08711	0.08764	0.06817	0.06832	3.25E-04	1.96E-07	2.07E-07	7.95E-07	7.96E-07	2.23E-07	2.23E-07	3.2715E-04
606827.8	4201088.22	108852.51	0.03694	0.0385	0.09092	0.09148	0.06718	0.06729	3.03E-04	2.08E-07	2.19E-07	8.29E-07	8.31E-07	2.20E-07	2.20E-07	3.0586E-04
606847.8	4201088.22	101920.131	0.03915	0.04085	0.09502	0.09558	0.0662	0.06626	2.84E-04	2.20E-07	2.33E-07	8.67E-07	8.68E-07	2.16E-07	2.16E-07	2.8664E-04
606867.8	4201088.22	95598.3288	0.04216	0.04359	0.09895	0.09926	0.06521	0.06523	2.66E-04	2.37E-07	2.48E-07	9.03E-07	9.02E-07	2.13E-07	2.13E-07	2.6912E-04
606887.8	4201088.22	89851.57984	0.04513	0.0471	0.10343	0.10403	0.06422	0.06422	2.50E-04	2.54E-07	2.68E-07	9.43E-07	9.45E-07	2.10E-07	2.10E-07	2.5322E-04
606907.8	4201088.22	84590.28953	0.04833	0.05051	0.10863	0.1093	0.06324	0.0632	2.36E-04	2.72E-07	2.88E-07	9.91E-07	9.93E-07	2.07E-07	2.06E-07	2.3868E-04
606927.8	4201088.22	79756.03135	0.05199	0.05446	0.11438	0.11506	0.06226	0.06219	2.22E-04	2.92E-07	3.10E-07	1.04E-06	1.05E-06	2.04E-07	2.03E-07	2.2535E-04
606947.8	4201088.22	75310.21302	0.05592	0.05873	0.12077	0.12149	0.06129	0.06119	2.10E-04	3.15E-07	3.35E-07	1.10E-06	1.10E-06	2.00E-07	2.00E-07	2.1312E-04
606967.8	4201088.22	71210.08104	0.06034	0.06349	0.12785	0.12863	0.06032	0.0602	1.98E-04	3.39E-07	3.62E-07	1.17E-06	1.17E-06	1.97E-07	1.96E-07	2.0187E-04
606987.8	4201088.22	67422.64601	0.06534	0.06891	0.13579	0.13663	0.05935	0.05922	1.88E-04	3.67E-07	3.93E-07	1.24E-06	1.24E-06	1.94E-07	1.93E-07	1.9151E-04
607007.8	4201088.22	63918.72776	0.07109	0.07513	0.14473	0.14565	0.0584	0.05824	1.78E-04	4.00E-07	4.28E-07	1.32E-06	1.32E-06	1.91E-07	1.90E-07	1.8197E-04
607027.8	4201088.22	60671.58929	0.07769	0.08233	0.1549	0.15591	0.05746	0.05728	1.69E-04	4.37E-07	4.69E-07	1.41E-06	1.42E-06	1.88E-07	1.87E-07	1.7318E-04
607047.8	4201088.22	57652.7147	0.08548	0.09076	0.16663	0.16773	0.05652	0.05632	1.61E-04	4.81E-07	5.17E-07	1.52E-06	1.52E-06	1.85E-07	1.84E-07	1.6507E-04
607067.8	4201088.22	54847.55833	0.09459	0.10071	0.18014	0.18136	0.05559	0.05538	1.53E-04	5.32E-07	5.74E-07	1.64E-06	1.65E-06	1.82E-07	1.81E-07	1.5760E-04
607087.8	4201088.22	52226.46936	0.10569	0.11287	0.19606	0.19743	0.05467	0.05444	1.46E-04	5.94E-07	6.43E-07	1.79E-06	1.79E-06	1.79E-07	1.78E-07	1.5071E-04
607107.8	4201088.22	49789.01928	0.11905	0.12758	0.21472	0.21625	0.05376	0.05352	1.39E-04	6.70E-07	7.27E-07	1.96E-06	1.96E-06	1.76E-07	1.75E-07	1.4441E-04
607127.8	4201088.22	47510.4985	0.1357	0.14591	0.23717	0.23891	0.05287	0.05262	1.32E-04	7.63E-07	8.31E-07	2.16E-06	2.17E-06	1.73E-07	1.72E-07	1.3867E-04
607147.8	4201088.22	45385.15424	0.15643	0.1689	0.26433	0.26635	0.05198	0.05172	1.26E-04	8.80E-07	9.62E-07	2.41E-06	2.42E-06	1.70E-07	1.69E-07	1.3348E-04
607167.8	4201088.22	43395.77565	0.18307	0.19873	0.29823	0.30052	0.05111	0.05085	1.21E-04	1.03E-06	1.13E-06	2.72E-06	2.73E-06	1.67E-07	1.66E-07	1.2887E-04
607187.8	4201088.22	41531.32301	0.21821	0.23855	0.34172	0.34424	0.05026	0.04998	1.16E-04	1.23E-06	1.36E-06	3.12E-06	3.13E-06	1.64E-07	1.63E-07	1.2489E-04
607207.8	4201088.22	39782.03753	0.2661	0.2937	0.39951	0.40207	0.04941	0.04913	1.11E-04	1.50E-06	1.67E-06	3.64E-06	3.65E-06	1.62E-07	1.60E-07	1.2165E-04
607227.8	4201088.22	38139.05752	0.33423	0.3738	0.47986	0.48202	0.04858	0.04829	1.06E-04	1.88E-06	2.13E-06	4.38E-06	4.38E-06	1.59E-07	1.58E-07	1.1936E-04
607247.8	4201088.22	36594.30598	0.43751	0.4984	0.59894	0.59935	0.04777	0.04747	1.02E-04	2.46E-06	2.84E-06	5.46E-06	5.44E-06	1.56E-07	1.55E-07	1.1849E-04
607267.8	4201088.22	35140.38765	0.61001	0.7135	0.79269	0.78713	0.04696	0.04666	9.79E-05	3.43E-06	4.07E-06	7.23E-06	7.15E-06	1.54E-07	1.52E-07	1.2011E-04
607287.8	4201088.22	33770.55465	0.94341	1.15085	1.15797	1.12953	0.04617	0.04587	9.41E-05	5.31E-06	6.56E-06	1.06E-05	1.03E-05	1.51E-07	1.50E-07	1.2709E-04
607307.8	4201088.22	32478.68813	1.71503	2.29712	2.03513	1.88382	0.0454	0.04509	9.05E-05	9.65E-06	1.31E-05	1.86E-05	1.71E-05	1.48E-07	1.47E-07	1.4921E-04
606527.8	4201108.22	600591.2841	0.01831	0.01878	0.05442	0.05485	0.08529	0.0863	1.67E-03	1.03E-07	1.07E-07	4.96E-07	4.98E-07	2.79E-07	2.82E-07	1.6754E-03
606547.8	4201108.22	490195.319	0.01892	0.01942	0.05597	0.05642	0.08441	0.08531	1.37E-03	1.06E-07	1.11E-07	5.11E-07	5.13E-07	2.76E-07	2.78E-07	1.3678E-03
606567.8	4201108.22	401109.503	0.01959	0.02012	0.05763	0.05811	0.08349	0.0843	1.12E-03	1.10E-07	1.15E-07	5.26E-07	5.28E-07	2.73E-07	2.75E-07	1.1196E-03
606587.8	4201108.22	341491.9018	0.02029	0.02085	0.05938	0.05988	0.08254	0.08325	9.52E-04	1.14E-07	1.19E-07	5.42E-07	5.44E-07	2.70E-07	2.72E-07	9.5348E-04
606607.8	4201108.22	297562.2013	0.02105	0.02164	0.06126	0.06179	0.08154	0.08218	8.29E-04	1.18E-07	1.23E-07	5.59E-07	5.61E-07	2.67E-07	2.68E-07	8.3110E-04
606627.8	4201108.22	263406.1657	0.02185	0.02248	0.06324	0.0638	0.08052	0.08108	7.34E-04	1.23E-07	1.28E-07	5.77E-07	5.80E-07	2.63E-07	2.65E-07	7.3596E-04
606647.8	4201108.22	235901.2877	0.02267	0.02334	0.06533	0.06591	0.07948	0.07997	6.57E-04	1.27E-07	1.33E-07	5.96E-07	5.99E-07	2.60E-07	2.61E-07	6.5935E-04

606667.8	4201108.22	212912.9897	0.02358	0.0243	0.06757	0.06817	0.07842	0.07884	5.93E-04	1.33E-07	1.38E-07	6.16E-07	6.19E-07	2.56E-07	2.57E-07	5.9534E-04
606687.8	4201108.22	193454.7136	0.02456	0.02532	0.06997	0.07059	0.07734	0.0777	5.39E-04	1.38E-07	1.44E-07	6.38E-07	6.41E-07	2.53E-07	2.54E-07	5.4116E-04
606707.8	4201108.22	176683.5886	0.02565	0.02647	0.07255	0.07319	0.07627	0.07657	4.92E-04	1.44E-07	1.51E-07	6.62E-07	6.65E-07	2.49E-07	2.50E-07	4.9448E-04
606727.8	4201108.22	162185.1711	0.0268	0.02767	0.07527	0.07593	0.07517	0.07541	4.52E-04	1.51E-07	1.58E-07	6.87E-07	6.90E-07	2.46E-07	2.46E-07	4.5413E-04
606747.8	4201108.22	149429.7389	0.02807	0.02901	0.0782	0.07887	0.07406	0.07425	4.16E-04	1.58E-07	1.65E-07	7.13E-07	7.16E-07	2.42E-07	2.42E-07	4.1865E-04
606767.8	4201108.22	138111.3083	0.0295	0.03052	0.08137	0.08207	0.07295	0.07309	3.85E-04	1.66E-07	1.74E-07	7.42E-07	7.46E-07	2.39E-07	2.39E-07	3.8717E-04
606787.8	4201108.22	128097.2486	0.03101	0.0321	0.08472	0.08545	0.07183	0.07193	3.57E-04	1.74E-07	1.83E-07	7.73E-07	7.76E-07	2.35E-07	2.35E-07	3.5934E-04
606807.8	4201108.22	119124.3733	0.03267	0.03385	0.08834	0.08911	0.07072	0.07077	3.32E-04	1.84E-07	1.93E-07	8.06E-07	8.09E-07	2.31E-07	2.31E-07	3.3441E-04
606827.8	4201108.22	111042.428	0.03451	0.03578	0.09227	0.09309	0.0696	0.06962	3.09E-04	1.94E-07	2.04E-07	8.42E-07	8.46E-07	2.28E-07	2.27E-07	3.1198E-04
606847.8	4201108.22	103751.1281	0.03651	0.0379	0.09652	0.09737	0.06849	0.06847	2.89E-04	2.05E-07	2.16E-07	8.80E-07	8.85E-07	2.24E-07	2.23E-07	2.9175E-04
606867.8	4201108.22	97151.3491	0.03874	0.04025	0.10083	0.10156	0.06739	0.06734	2.71E-04	2.18E-07	2.29E-07	9.20E-07	9.23E-07	2.20E-07	2.20E-07	2.7346E-04
606887.8	4201108.22	91144.78939	0.04175	0.04326	0.10538	0.10636	0.0663	0.06621	2.54E-04	2.35E-07	2.46E-07	9.61E-07	9.66E-07	2.17E-07	2.16E-07	2.5683E-04
606907.8	4201108.22	85650.38585	0.04477	0.04653	0.11081	0.11188	0.06521	0.06509	2.39E-04	2.52E-07	2.65E-07	1.01E-06	1.02E-06	2.13E-07	2.12E-07	2.4165E-04
606927.8	4201108.22	80624.42055	0.04807	0.05006	0.11682	0.11797	0.06412	0.06398	2.25E-04	2.70E-07	2.85E-07	1.07E-06	1.07E-06	2.10E-07	2.09E-07	2.2778E-04
606947.8	4201108.22	76020.05581	0.05156	0.05382	0.12348	0.12474	0.06305	0.06289	2.12E-04	2.90E-07	3.07E-07	1.13E-06	1.13E-06	2.06E-07	2.05E-07	2.1511E-04
606967.8	4201108.22	71787.49972	0.05544	0.05796	0.13086	0.13225	0.06199	0.06181	2.00E-04	3.12E-07	3.30E-07	1.19E-06	1.20E-06	2.03E-07	2.02E-07	2.0349E-04
606987.8	4201108.22	67888.38743	0.05982	0.06261	0.13909	0.14067	0.06095	0.06074	1.89E-04	3.36E-07	3.57E-07	1.27E-06	1.28E-06	1.99E-07	1.98E-07	1.9282E-04
607007.8	4201108.22	64283.71478	0.06482	0.06798	0.14843	0.15018	0.05991	0.05968	1.79E-04	3.65E-07	3.87E-07	1.35E-06	1.36E-06	1.96E-07	1.95E-07	1.8300E-04
607027.8	4201108.22	60949.97074	0.07057	0.07417	0.15901	0.16102	0.05888	0.05864	1.70E-04	3.97E-07	4.23E-07	1.45E-06	1.46E-06	1.93E-07	1.91E-07	1.7396E-04
607047.8	4201108.22	57858.6902	0.07729	0.08132	0.17126	0.17358	0.05787	0.05761	1.61E-04	4.35E-07	4.63E-07	1.56E-06	1.58E-06	1.89E-07	1.88E-07	1.6565E-04
607067.8	4201108.22	54986.92709	0.08518	0.08978	0.18551	0.18822	0.05687	0.0566	1.53E-04	4.79E-07	5.12E-07	1.69E-06	1.71E-06	1.86E-07	1.85E-07	1.5799E-04
607087.8	4201108.22	52320.91751	0.09451	0.09981	0.2021	0.20533	0.05588	0.0556	1.46E-04	5.32E-07	5.69E-07	1.84E-06	1.87E-06	1.83E-07	1.81E-07	1.5097E-04
607107.8	4201108.22	49838.27664	0.10581	0.11197	0.22176	0.22567	0.05491	0.05461	1.39E-04	5.95E-07	6.38E-07	2.02E-06	2.05E-06	1.80E-07	1.78E-07	1.4455E-04
607127.8	4201108.22	47526.0012	0.11959	0.1268	0.2453	0.25016	0.05395	0.05365	1.32E-04	6.73E-07	7.22E-07	2.24E-06	2.27E-06	1.76E-07	1.75E-07	1.3870E-04
607147.8	4201108.22	45366.70515	0.13673	0.14534	0.27407	0.28027	0.05301	0.05269	1.26E-04	7.69E-07	8.28E-07	2.50E-06	2.55E-06	1.73E-07	1.72E-07	1.3341E-04
607167.8	4201108.22	43352.62409	0.15807	0.16866	0.30976	0.31786	0.05208	0.05176	1.21E-04	8.89E-07	9.61E-07	2.83E-06	2.89E-06	1.70E-07	1.69E-07	1.2871E-04
607187.8	4201108.22	41467.82616	0.18544	0.1989	0.35552	0.3664	0.05117	0.05085	1.16E-04	1.04E-06	1.13E-06	3.24E-06	3.33E-06	1.67E-07	1.66E-07	1.2464E-04
607207.8	4201108.22	39701.83094	0.2214	0.23923	0.41617	0.43133	0.05028	0.04995	1.11E-04	1.25E-06	1.36E-06	3.80E-06	3.92E-06	1.64E-07	1.63E-07	1.2129E-04
607227.8	4201108.22	38045.21817	0.27029	0.29506	0.50008	0.52233	0.0494	0.04907	1.06E-04	1.52E-06	1.68E-06	4.56E-06	4.74E-06	1.62E-07	1.60E-07	1.1885E-04
607247.8	4201108.22	36489.41547	0.34025	0.37668	0.62316	0.65811	0.04854	0.0482	1.02E-04	1.91E-06	2.15E-06	5.68E-06	5.98E-06	1.59E-07	1.57E-07	1.1772E-04
607267.8	4201108.22	35026.77519	0.44835	0.50629	0.81929	0.88012	0.04769	0.04735	9.76E-05	2.52E-06	2.88E-06	7.47E-06	8.00E-06	1.56E-07	1.55E-07	1.1879E-04
607287.8	4201108.22	33650.17791	0.63381	0.73976	1.17287	1.29618	0.04686	0.04652	9.38E-05	3.56E-06	4.21E-06	1.07E-05	1.18E-05	1.53E-07	1.52E-07	1.2433E-04
607307.8	4201108.22	32353.28618	0.97654	1.23148	1.93063	2.23698	0.04605	0.0457	9.02E-05	5.49E-06	7.02E-06	1.76E-05	2.03E-05	1.51E-07	1.49E-07	1.4090E-04
606527.8	4201128.22	622402.6966	0.01744	0.01784	0.05469	0.05518	0.09041	0.09129	1.73E-03	9.81E-08	1.02E-07	4.99E-07	5.01E-07	2.96E-07	2.98E-07	1.7362E-03
606547.8	4201128.22	509289.104	0.01803	0.01846	0.05629	0.05681	0.08929	0.09005	1.42E-03	1.01E-07	1.05E-07	5.13E-07	5.16E-07	2.92E-07	2.94E-07	1.4210E-03
606567.8	4201128.22	417941.1388	0.01865	0.01911	0.05798	0.05852	0.08812	0.08881	1.16E-03	1.05E-07	1.09E-07	5.29E-07	5.32E-07	2.88E-07	2.90E-07	1.1665E-03
606587.8	4201128.22	356124.8286	0.01929	0.01977	0.05974	0.06032	0.08695	0.08754	9.92E-04	1.08E-07	1.13E-07	5.45E-07	5.48E-07	2.84E-07	2.86E-07	9.9428E-04
606607.8	4201128.22	310025.3724	0.02	0.0205	0.06165	0.06225	0.08574	0.08626	8.64E-04	1.12E-07	1.17E-07	5.62E-07	5.65E-07	2.80E-07	2.82E-07	8.6585E-04
606627.8	4201128.22	273861.2741	0.02075	0.02128	0.06367	0.06431	0.08453	0.08495	7.63E-04	1.17E-07	1.21E-07	5.81E-07	5.84E-07	2.76E-07	2.77E-07	7.6511E-04
606647.8	4201128.22	244695.6191	0.02151	0.02208	0.06579	0.06646	0.08329	0.08365	6.82E-04	1.21E-07	1.26E-07	6.00E-07	6.04E-07	2.72E-07	2.73E-07	6.8388E-04
606667.8	4201128.22	220246.6531	0.02237	0.02297	0.06809	0.0688	0.08204	0.08234	6.14E-04	1.26E-07	1.31E-07	6.21E-07	6.25E-07	2.68E-07	2.69E-07	6.1579E-04
606687.8	4201128.22	199508.3459	0.02331	0.02396	0.07058	0.07132	0.08078	0.08102	5.56E-04	1.31E-07	1.37E-07	6.44E-07	6.48E-07	2.64E-07	2.64E-07	5.5805E-04
606707.8	4201128.22	181754.201	0.02433	0.02501	0.07323	0.07399	0.07953	0.07972	5.06E-04	1.37E-07	1.42E-07	6.68E-07	6.72E-07	2.60E-07	2.60E-07	5.0863E-04
606727.8	4201128.22	166420.9544	0.0254	0.02613	0.07602	0.07681	0.07827	0.0784	4.64E-04	1.43E-07	1.49E-07	6.93E-07	6.98E-07	2.56E-07	2.56E-07	4.6595E-04
606747.8	4201128.22	152957.7494	0.02659	0.02737	0.07903	0.07985	0.077	0.07708	4.26E-04	1.50E-07	1.56E-07	7.21E-07	7.25E-07	2.52E-07	2.52E-07	4.2850E-04
606767.8	4201128.22	141063.4646	0.0279	0.02874	0.08227	0.08312	0.07574	0.07577	3.93E-04	1.57E-07	1.64E-07	7.50E-07	7.55E-07	2.48E-07	2.47E-07	3.9542E-04
606787.8	4201128.22	130560.5513	0.02927	0.03017	0.08569	0.08659	0.07448	0.07447	3.64E-04	1.65E-07	1.72E-07	7.82E-07	7.87E-07	2.44E-07	2.43E-07	3.6622E-04
606807.8	4201128.22	121188.8291	0.03076	0.03173	0.08937	0.09032	0.07323	0.07319	3.38E-04	1.73E-07	1.81E-07	8.15E-07	8.20E-07	2.39E-07	2.39E-07	3.4018E-04
606827.8	4201128.22	112759.1573	0.03242	0.03346	0.09337	0.0944	0.07199	0.07191	3.14E-04	1.82E-07	1.91E-07	8.52E-07	8.58E-07	2.35E-07	2.35E-07	3.1677E-04
606847.8	4201128.22	105141.9003	0.03429	0.03541	0.09777	0.09889	0.07075	0.07064	2.93E-04	1.93E-07	2.02E-07	8.92E-07	8.98E-07	2.31E-07	2.31E-07	2.9564E-04
606867.8	4201128.22	98282.3591	0.03627	0.03754	0.10227	0.10317	0.06953	0.06939	2.74E-04	2.04E-07	2.14E-07	9.33E-07	9.37E-07	2.27E-07	2.26E-07	2.7662E-04
606887.8	4201128.22	92047.56285	0.03913	0.04034	0.10709	0.10837	0.06832	0.06815	2.57E-04	2.20E-07	2.30E-07	9.77E-07	9.84E-07	2.23E-07	2.22E-07	2.5936E-04
606907.8	4201128.22	86385.36981	0.04175	0.04314	0.11266	0.11407	0.06713	0.06693	2.41E-04	2.35E-07	2.46E-07	1.03E-06	1.04E-06	2.20E-07	2.18E-07	2.4371E-04
606927.8	4201128.22	81205.25737	0.04471	0.04627	0.11886	0.12043	0.06595	0.06572	2.26E-04	2.51E-07	2.64E-07	1.08E-06	1.09E-06	2.16E-07	2.15E-07	2.2941E-04
606947.8	4201128.22	76464.83698	0.04794	0.04975	0.12573	0.12743	0.06478	0.06453	2.13E-04	2.70E-07	2.83E-07	1.15E-06	1.16E-06	2.12E-07	2.11E-07	2.1636E-04
606967.8	4201128.22	72116.59084	0.05147	0.05343	0.1334	0.1353	0.06362	0.06336	2.01E-04	2.89E-07	3.04E-07	1.22E-06	1.23E-06	2.08E-07	2.07E-07	2.0442E-04
606987.8	4201128.22	68118.15034	0.05542	0.05757	0.14198	0.14415	0.06249	0.0622	1.90E-04	3.12E-07	3.28E-07	1.30E-06	1.31E-06	2.04E-07	2.03E-07	1.9347E-04
607007.8	4201128.22	64436.23041	0.05987	0.06229	0.15164	0.15408	0.06136	0.06106	1.80E-04	3.37E-07	3.55E-07	1.38E-06	1.40E-06	2.01E-07	1.99E-07	1.8344E-04
607027.8	4201128.22	61039.33569	0.06497	0.06767	0.16258	0.16536	0.06026	0.05995	1.70E-04	3.65E-07	3.86E-07	1.48E-06	1.50E-06	1.97E-07	1.96E-07	1.7422E-04
607047.8	4201128.22	57892.81803	0.07093	0.0739	0.17527	0.17851	0.05917	0.05884	1.61E-04	3.99E-07	4.21E-07	1.60E-06	1.62E-06	1.94E-07	1.92E-07	1.6575E-04
607067.8	4201128.22	54978.85813	0.07787	0.08118	0.18999	0.19382	0.05809	0.05776	1.53E-04	4.38E-07	4.63E-07	1.73E-06	1.76E-06	1.90E-07	1.89E-07	1.5798E-04
607087.8	4201128.22	52271.6115	0.08614	0.08986	0.20731	0.21191	0.05704	0.05669	1.46E-04	4.84E-07	5.12E-07	1.89E-06	1.93E-06	1.87E-07	1.85E-07	1.5085E-04
607107.8	4201128.22	49764.15029	0.09588	0.10011	0.22764	0.23324	0.056	0.05565	1.39E-04	5.39E-07	5.70E-07	2.08E-06	2.12E-06	1.83E-07	1.82E-07	1.4435E-04
607127.8	4201128.22	47427.0383	0.10777	0.11259	0.25215	0.25917	0.05498	0.05462	1.32E-04	6.06E-07	6.41E-07	2.30E-06	2.35E-06	1.80E-07	1.78E-07	1.3842E-04
607147.8	4201128.22	45249.1216	0.12229	0.12793	0.28205	0.29109	0.05398	0.05362	1.26E-04	6.88E-07	7.29E-07	2.57E-06	2.64E-06	1.77E-07	1.75E-07	1.3308E-04
607167.8	4201128.22	43219.66956	0.14003	0.14686	0.31917	0.33111	0.053	0.05263	1.20E-04	7.88E-07	8.37E-07	2.91E-06	3.01E-06	1.73E-07	1.72E-07	1.2833E-04
607187.8	4201128.22	41322.98801	0.16221	0.17079	0.36673	0.383	0.05204	0.05167	1.15E-04	9.12E-07	9.73E-07	3.35E-06	3.48E-06	1.70E-07	1.69E-07	1.2420E-04
607207.8	4201128.22	39547.97764	0.19045	0.20172	0.42971	0.45279	0.0511	0.05072	1.10E-04	1.07E-06	1.15E-06	3.92E-06	4.11E-06	1.67E-07	1.66E-07	1.2079E-04
607227.8	4201128.22	37884.71453	0.22744	0.24295	0.51667	0.55117	0.05017	0.04979	1.06E-04	1.28E-06	1.38E-06	4.71E-06	5.01E-06	1.64E-07	1.63E-07	1.1828E-04
607247.8	4201128.22	36324.23608	0.278	0.30054	0.64378	0.69901	0.04926	0.04888	1.01E-04	1.56E-06	1.71E-06	5.87E-06	6.35E-06	1.61E-07	1.60E-07	1.1704E-04
607267.8	4201128.22	34858.55876	0.35113	0.38671	0.84488	0.94262	0.04838	0.048	9.71E-05	1.97E-06	2.20E-06	7.71E-06	8.56E-06	1.58E-07	1.57E-07	1.1790E-04
607287.8	4201128.22	33480.28348	0.46313	0.52774	1.20172	1.40259	0.04751	0.04713	9.33E-05	2.60E-06	3.01E-06	1.10E-05	1.27E-05	1.55E-07	1.54E-07	1.2292E-04
607307.8	4201128.22	32182.45102	0.63308	0.7709	1.93945	2.44029	0.04665	0.04627	8.97E-05	3.56E-06	4.39E-06	1.77E-05	2.22E-05	1.53E-07	1.51E-07	1.3780E-04
606527.8	4201148.22	638144.5356	0.01669	0.01704	0.05494	0.05548	0.09561	0.09635	1.78E-03	9.39E-08	9.71E-08	5.01E-07	5.04E-07	3.13E-07	3.14E-07	1.7801E-03
606547.8	4201148.22	523768.317	0.01724	0.01761	0.05655	0.05712	0.09423	0.09487	1.46E-03	9.70E-08	1.00E-07	5.16E-07	5.19E-07	3.08E-07	3.10E-07	1.4614E-03
606567.8	4201148.22	431075.1552	0.01782	0.01821	0.05825	0.05885	0.09283	0.09336	1.20E-03	1.00E-07	1.04E-07	5.31E-07	5.35E-07	3.04E-07	3.05E-07	1.2031E-03
606587.8	4201148.22	367452.0899	0.01844	0.01885	0.06005	0.06069	0.09141	0.09185	1.02E-03	1.04E-07	1.07E-07	5.48E-07	5.51E-07	2.99E-07	3.00E-07	1.0259E-03
606607.8	4201148.22	319840.7368	0.01909	0.01953	0.06198	0.06265	0.08998	0.09035	8.91E-04	1.07E-07	1.11E-07	5.65E-07	5.69E-07	2.94E-07	2.95E-07	8.9323E-04
606627.8	4201148.22	282539.9592	0.01976	0.02022	0.06398	0.06469	0.08855	0.08884	7.87E-04	1.11E-07	1.15E-07	5.84E-07	5.88E-07	2.90E-07	2.90E-07	7.8932E-04
606647.8	4201148.22	251757.9139	0.02053	0.02101	0.06619	0.06694	0.08711	0.08733	7.02E-04	1.15E-07	1.20E-07	6.04E-07	6.08E-07	2.85E-07	2.85E-07	7.0358E-04
606667.8	4201148.22	226152.2463	0.02134	0.02185	0.06854	0.06934	0.08566	0.08583	6.30E-04	1.20E-07	1.24E-07	6.25E-07	6.30E-07	2.80E-07	2.80E-07	6.3227E-04
606687.8	4201148.22	204448.5187	0.02222	0.02277	0.07108	0.07191	0.08421	0.08432	5.70E-04	1.25E-07	1.30E-07	6.48E-07	6.53E-07	2.75E-07	2.75E-07	5.7183E-04
606707.8	4201148.22	185861.7439	0.02317	0.02375	0.07378	0.07465	0.08278	0.08284	5.18E-04	1.30E-07	1.35E-07	6.73E-07	6.78E-07	2.71E-07	2.70E-07	5.2009E-04
606727.8	4201148.22	169729.445	0.02422	0.02483	0.07668	0.07758	0.08134	0.08135	4.73E-04	1.36E-07	1.41E-07	6.99E-07	7.05E-07	2.66E-07	2.66E-07	4.7519E-04
606747.8	4201148.22	155702.8273	0.02531	0.02597	0.07973	0.08068	0.07991	0.07987	4.34E-04	1.42E-07	1.48E-07	7.27E-07	7.33E-07	2.61E-07	2.61E-07	4.3616E-04
606767.8	4201148.22	143395.0103	0.02646	0.02716	0.08296	0.08395	0.0785	0.07842	4.00E-04	1.49E-07	1.55E-07	7.57E-07	7.63E-07	2.57E-07	2.56E-07	4.0193E-04
606787.8	4201148.22	132426.7721	0.02776	0.02851	0.08647	0.08752	0.07709	0.07698	3.69E-04	1.56E-07	1.62E-07	7.89E-07	7.95E-07	2.52E-07	2.51E-07	3.7143E-04
606807.8	4201148.22	122681.1961	0.02915	0.02995	0.09023	0.09134	0.07571	0.07555	3.42E-04	1.64E-07	1.71E-07	8.23E-07	8.30E-07	2.48E-07	2.47E-07	3.4435E-04
606827.8	4201148.22	113944.0158	0.03069	0.03154	0.09432	0.09552	0.07433	0.07414	3.18E-04	1.73E-07	1.80E-07	8.60E-07	8.68E-07	2.43E-07	2.42E-07	3.2009E-04
606847.8	4201148.22	106091.3029	0.03238	0.03329	0.09877	0.10008	0.07297	0.07275	2.96E-04	1.82E-07	1.90E-07	9.01E-07	9.09E-07	2.39E-07	2.37E-07	2.9830E-04
606867.8	4201148.22	98994.85964	0.03427	0.03529	0.10338	0.10452	0.07162	0.07138	2.76E-04	1.93E-07	2.01E-07	9.43E-07	9.49E-07	2.34E-07	2.33E-07	2.7862E-04
606887.8	4201148.22	92593.9057	0.03678	0.03744	0.10856	0.11005	0.0703	0.07003	2.58E-04	2.07E-07	2.13E-07	9.90E-07	1.00E-06	2.30E-07	2.29E-07	2.6090E-04
606907.8	4201148.22	86770.37268	0.03935	0.04043	0.11423	0.11592	0.069	0.06871	2.42E-04	2.21E-07	2.30E-07	1.04E-06	1.05E-06	2.26E-07	2.24E-07	2.4480E-04
606927.8	4201148.22	81467.47543	0.04206	0.04329	0.1206	0.12248	0.06771	0.0674	2.27E-04	2.37E-07	2.47E-07	1.10E-06	1.11E-06	2.21E-07	2.20E-07	2.3016E-04
606947.8	4201148.22	76622.84071	0.04503	0.04645	0.12768	0.12974	0.06644	0.06611	2.14E-04	2.53E-07	2.65E-07	1.16E-06	1.18E-06	2.17E-07	2.16E-07	2.1682E-04
606967.8	4201148.22	72186.24616	0.04829	0.0498	0.13563	0.13794	0.06519	0.06485	2.01E-04	2.72E-07	2.84E-07	1.24E-06	1.25E-06	2.13E-07	2.12E-07	2.0463E-04
606987.8	4201148.22	68116.93468	0.05189	0.05357	0.14453	0.14713	0.06396	0.06361	1.90E-04	2.92E-07	3.05E-07	1.32E-06	1.34E-06	2.09E-07	2.08E-07	1.9349E-04
607007.8	4201148.22	64380.95592	0.05596	0.05778	0.15449	0.15744	0.06276	0.06239	1.79E-04	3.15E-07	3.29E-07	1.41E-06	1.43E-06	2.05E-07	2.04E-07	1.8330E-04
607027.8	4201148.22	60942.43856	0.06056	0.06256	0.16573	0.16912	0.06157	0.06119	1.70E-04	3.41E-07	3.56E-07	1.51E-06	1.54E-06	2.01E-07	2.00E-07	1.7397E-04
607047.8	4201148.22	57762.85996	0.06595	0.06809	0.17877	0.1827	0.06041	0.06002	1.61E-04	3.71E-07	3.88E-07	1.63E-06	1.66E-06	1.98E-07	1.96E-07	1.6541E-04
607067.8	4201148.22	54823.78762	0.07219	0.07452	0.19388	0.19851	0.05927	0.05887	1.53E-04	4.06E-07	4.25E-07	1.77E-06	1.80E-06	1.94E-07	1.92E-07	1.5756E-04
607087.8	4201148.22	52096.69499	0.07961	0.08217	0.2117	0.21725	0.05814	0.05774	1.45E-04	4.48E-07	4.68E-07	1.93E-06	1.97E-06	1.90E-07	1.88E-07	1.5037E-04
607107.8	4201148.22	49569.66989	0.08838	0.09123	0.23278	0.23952	0.05704	0.05663	1.38E-04	4.97E-07	5.20E-07	2.12E-06	2.18E-06	1.87E-07	1.85E-07	1.4382E-04
607127.8	4201148.22	47219.75589	0.0989	0.10211	0.25819	0.2666	0.05596	0.05555	1.32E-04	5.56E-07	5.82E-07	2.36E-06	2.42E-06	1.83E-07	1.81E-07	1.3786E-04
607147.8	4201148.22	45036.44556	0.1114	0.11515	0.28897	0.29975	0.05491	0.05449	1.26E-04	6.27E-07	6.56E-07	2.64E-06	2.72E-06	1.80E-07	1.78E-07	1.3250E-04
607167.8	4201148.22	43000.98755	0.12648	0.13107	0.32739	0.34158	0.05387	0.05345	1.20E-04	7.11E-07	7.47E-07	2.99E-06	3.10E-06	1.76E-07	1.74E-07	1.2773E-04
607187.8	4201148.22	41100.69174	0.14487	0.15074	0.37665	0.39596	0.05286	0.05244	1.15E-04	8.15E-07	8.59E-07	3.44E-06	3.60E-06	1.73E-07	1.71E-07	1.2358E-04
607207.8	4201148.22	39324.0991	0.16759	0.17548	0.44192	0.46932	0.05187	0.05145	1.10E-04	9.43E-07	1.00E-06	4.03E-06	4.26E-06	1.70E-07	1.68E-07	1.2016E-04
607227.8	4201148.22	37660.9642	0.19633	0.20743	0.53207	0.57313	0.0509	0.05047	1.05E-04	1.10E-06	1.18E-06	4.85E-06	5.21E-06	1.66E-07	1.65E-07	1.1762E-04
607247.8	4201148.22	36101.9924	0.23389	0.25038	0.66377	0.72984	0.04995	0.04953	1.01E-04	1.32E-06	1.43E-06	6.05E-06	6.63E-06	1.63E-07	1.62E-07	1.1636E-04
607267.8	4201148.22	34638.80045	0.28468	0.31105	0.87134	0.98918	0.04902	0.0486	9.65E-05	1.60E-06	1.77E-06	7.95E-06	8.99E-06	1.60E-07	1.59E-07	1.1715E-04
607287.8	4201148.22	33263.88416	0.3548	0.40019	1.23508	1.47896	0.04811	0.04769	9.27E-05	2.00E-06	2.28E-06	1.13E-05	1.34E-05	1.57E-07	1.56E-07	1.2198E-04
607307.8	4201148.22	31966.56044	0.45058	0.53166	1.97295	2.57589	0.04722	0.0468	8.91E-05	2.53E-06	3.03E-06	1.80E-05	2.34E-05	1.54E-07	1.53E-07	1.3635E-04
606527.8	4201168.22	650159.4594	0.01602	0.01632	0.05513	0.05572	0.1009	0.10145	1.81E-03	9.01E-08	9.30E-08	5.03E-07	5.06E-07	3.30E-07	3.31E-07	1.8136E-03
606547.8	4201168.22	534658.7462	0.01653	0.01686	0.05675	0.05737	0.09923	0.0997	1.49E-03	9.30E-08	9.61E-08	5.18E-07	5.21E-07	3.25E-07	3.25E-07	1.4918E-03
606567.8	4201168.22	440990.6956	0.01708	0.01742	0.05845	0.0591	0.09757	0.09795	1.23E-03	9.61E-08	9.93E-08	5.33E-07	5.37E-07	3.19E-07	3.20E-07	1.2308E-03
606587.8	4201168.22	376298.8013	0.01766	0.01802	0.06028	0.06096	0.0959	0.09619	1.05E-03	9.93E-08	1.03E-07	5.50E-07	5.54E-07	3.14E-07	3.14E-07	1.0505E-03
606607.8	4201168.22	327663.1473	0.01828	0.01865	0.06221	0.06294	0.09423	0.09444	9.13E-04	1.03E-07	1.06E-07	5.67E-07	5.72E-07	3.08E-07	3.08E-07	9.1505E-04
606627.8	4201168.22	289202.4892	0.01892	0.01932	0.06425	0.06502	0.09256	0.09271	8.06E-04	1.06E-07	1.10E-07	5.86E-07	5.91E-07	3.03E-07	3.03E-07	8.0791E-04
606647.8	4201168.22	257383.1005	0.01965	0.02006	0.06649	0.06731	0.0909	0.09099	7.17E-04	1.11E-07	1.14E-07	6.06E-07	6.11E-07	2.97E-07	2.97E-07	7.1928E-04
606667.8	4201168.22	230810.7054	0.02043	0.02087	0.06889	0.06976	0.08925	0.08928	6.43E-04	1.15E-07	1.19E-07	6.28E-07	6.34E-07	2.92E-07	2.91E-07	6.4527E-04
606687.8	4201168.22	208357.6623	0.02125	0.02171	0.07144	0.07236	0.08761	0.08759	5.81E-04	1.20E-07	1.24E-07	6.52E-07	6.57E-07	2.87E-07	2.86E-07	5.8275E-04
606707.8	4201168.22	188961.8345	0.02217	0.02266	0.07423	0.07519	0.08599	0.08592	5.27E-04	1.25E-07	1.29E-07	6.77E-07	6.83E-07	2.81E-07	2.80E-07	5.2875E-04
606727.8	4201168.22	172180.7895	0.02318	0.0237	0.07721	0.07822	0.08437	0.08425	4.80E-04	1.30E-07	1.35E-07	7.04E-07	7.11E-07	2.76E-07	2.75E-07	4.8204E-04
606747.8	4201168.22	157654.5635	0.02421	0.02476	0.08032	0.08137	0.08277	0.08261	4.39E-04	1.36E-07	1.41E-07	7.33E-07	7.39E-07	2.71E-07	2.70E-07	4.4162E-04
606767.8	4201168.22	144893.6618	0.02532	0.0259	0.08363	0.08473	0.0812	0.081	4.04E-04	1.42E-07	1.48E-07	7.63E-07	7.70E-07	2.66E-07	2.64E-07	4.0612E-04
606787.8	4201168.22	133609.337	0.02651	0.02713	0.08717	0.08833	0.07965	0.07942	3.72E-04	1.49E-07	1.55E-07	7.95E-07	8.02E-07	2.60E-07	2.59E-07	3.7474E-04
606807.8	4201168.22	123563.1528	0.02782	0.02847	0.091	0.09223	0.07812	0.07785	3.44E-04	1.56E-07	1.62E-07	8.30E-07	8.38E-07	2.55E-07	2.54E-07	3.4682E-04
606827.8	4201168.22	114606.5512	0.02923	0.02992	0.09511	0.09645	0.07661	0.07632	3.19E-04	1.64E-07	1.70E-07	8.68E-07	8.76E-07	2.51E-07	2.49E-07	3.2195E-04
606847.8	4201168.22	106554.693	0.03081	0.03154	0.09963	0.10108	0.07512	0.0748	2.97E-04	1.73E-07	1.80E-07	9.09E-07	9.18E-07	2.46E-07	2.44E-07	2.9960E-04
606867.8	4201168.22	99290.25475	0.03258	0.0334	0.10434	0.10568	0.07366	0.07331	2.77E-04	1.83E-07	1.90E-07	9.52E-07	9.60E-07	2.41E-07	2.39E-07	2.7945E-04
606887.8	4201168.22	92742.34709	0.03503	0.03577	0.10971	0.11143	0.07222	0.07185	2.58E-04	1.97E-07	2.04E-07	1.00E-06	1.01E-06	2.36E-07	2.35E-07	2.6133E-04
606907.8	4201168.22	86806.21532	0.03742	0.03828	0.11556	0.11747	0.0708	0.07042	2.42E-04	2.10E-07	2.18E-07	1.05E-06	1.07E-06	2.32E-07	2.30E-07	2.4491E-04
606927.8	4201168.22	81408.22595	0.04001	0.04099	0.12208	0.12418	0.0694	0.06901	2.27E-04	2.25E-07	2.34E-07	1.11E-06	1.13E-06	2.27E-07	2.25E-07	2.3001E-04
606947.8	4201168.22	76501.83754	0.04267	0.04377	0.12936	0.13171	0.06804	0.06763	2.13E-04	2.40E-07	2.49E-07	1.18E-06	1.20E-06	2.23E-07	2.21E-07	2.1649E-04
606967.8	4201168.22	72015.68587	0.04564	0.04682	0.13751	0.14015	0.0667	0.06628	2.01E-04	2.57E-07	2.67E-07	1.25E-06	1.27E-06	2.18E-07	2.16E-07	2.0417E-04
606987.8	4201168.22	67908.24016	0.04897	0.05023	0.14663	0.1496	0.06538	0.06495	1.89E-04	2.75E-07	2.86E-07	1.34E-06	1.36E-06	2.14E-07	2.12E-07	1.9292E-04
607007.8	4201168.22	64139.98055	0.05271	0.05408	0.15685	0.16021	0.0641	0.06365	1.79E-04	2.96E-07	3.08E-07	1.43E-06	1.46E-06	2.10E-07	2.08E-07	1.8264E-04
607027.8	4201168.22	60675.32823	0.05699	0.05845	0.16844	0.17227	0.06283	0.06238	1.69E-04	3.21E-07	3.33E-07	1.54E-06	1.56E-06	2.05E-07	2.04E-07	1.7325E-04
607047.8	4201168.22	57471.99218	0.06202	0.06356	0.18191	0.18637	0.06159	0.06113	1.60E-04	3.49E-07	3.62E-07	1.66E-06	1.69E-06	2.01E-07	2.00E-07	1.6462E-04
607067.8	4201168.22	54522.82243	0.06776	0.0694	0.19742	0.20264	0.06038	0.05992	1.52E-04	3.81E-07	3.95E-07	1.80E-06	1.84E-06	1.97E-07	1.96E-07	1.5675E-04
607087.8	4201168.22	51795.29525	0.07447	0.07623	0.21557	0.22179	0.05919	0.05873	1.44E-04	4.19E-07	4.34E-07	1.97E-06	2.01E-06	1.94E-07	1.92E-07	1.4956E-04
607107.8	4201168.22	49260.82262	0.0825	0.08444	0.23737	0.24491	0.05802	0.05756	1.37E-04	4.64E-07	4.81E-07	2.17E-06	2.22E-06	1.90E-07	1.88E-07	1.4299E-04
607127.8	4201168.22	46915.33706	0.09178	0.09399	0.26334	0.27266	0.05689	0.05642	1.31E-04	5.16E-07	5.36E-07	2.40E-06	2.48E-06	1.86E-07	1.84E-07	1.3704E-04
607147.8	4201168.22	44733.49789	0.10274	0.10538	0.29506	0.30691	0.05578	0.05531	1.25E-04	5.78E-07	6.00E-07	2.69E-06	2.79E-06	1.82E-07	1.81E-07	1.3168E-04
607167.8	4201168.22	42701.32108	0.11568	0.11903	0.33468	0.35016	0.05469	0.05422	1.19E-04	6.51E-07	6.78E-07	3.05E-06	3.18E-06	1.79E-07	1.77E-07	1.2691E-04
607187.8	4201168.22	40804.49785	0.13111	0.13558	0.38565	0.4066	0.05363	0.05316	1.14E-04	7.37E-07	7.72E-07	3.52E-06	3.69E-06	1.75E-07	1.74E-07	1.2278E-04
607207.8	4201168.22	39034.71368	0.14946	0.15569	0.45299	0.48255	0.05259	0.05212	1.09E-04	8.41E-07	8.87E-07	4.13E-06	4.38E-06	1.72E-07	1.70E-07	1.1936E-04
607227.8	4201168.22	37378.1346	0.17198	0.181	0.54633	0.5905	0.05157	0.05111	1.04E-04	9.67E-07	1.03E-06	4.98E-06	5.36E-06	1.69E-07	1.67E-07	1.1684E-04
607247.8	4201168.22	35826.33994	0.20006	0.21369	0.68282	0.75391	0.05058	0.05012	9.98E-05	1.13E-06	1.22E-06	6.23E-06	6.85E-06	1.65E-07	1.64E-07	1.1558E-04
607267.8	4201168.22	34370.82221	0.23573	0.25693	0.89764	1.02478	0.04961	0.04916	9.58E-05	1.33E-06	1.46E-06	8.19E-06	9.31E-06	1.62E-07	1.60E-07	1.1639E-04
607287.8	4201168.22	33003.16967	0.28237	0.3151	1.27431	1.53728	0.04867	0.04821	9.20E-05	1.59E-06	1.80E-06	1.16E-05	1.40E-05	1.59E-07	1.57E-07	1.2126E-04
607307.8	4201168.22	31714.9199	0.3424	0.39319	2.03248	2.67489	0.04774	0.04729	8.84E-05	1.93E-06	2.24E-06	1.85E-05	2.43E-05	1.56E-07	1.54E-07	1.3569E-04
606527.8	4201188.22	658451.6649	0.01542	0.01569	0.0553	0.05592	0.10621	0.10658	1.83E-03	8.67E-08	8.94E-08	5.04E-07	5.08E-07	3.47E-07	3.48E-07	1.8368E-03
606547.8	4201188.22	542130.4802	0.0159	0.01618	0.0569	0.05755	0.10425	0.10453	1.51E-03	8.94E-08	9.22E-08	5.19E-07	5.23E-07	3.41E-07	3.41E-07	1.5126E-03
606567.8	4201188.22	447902.7753	0.01642	0.01672	0.05862	0.05931	0.10231	0.10251	1.25E-03	9.23E-08	9.53E-08	5.35E-07	5.39E-07	3.35E-07	3.35E-07	1.2501E-03
606587.8	4201188.22	382755.3188	0.01697	0.01729	0.06045	0.06118	0.10038	0.1005	1.07E-03	9.54E-08	9.85E-08	5.51E-07	5.56E-07	3.28E-07	3.28E-07	1.0686E-03
606607.8	4201188.22	333584.284	0.01755	0.01788	0.06238	0.06315	0.09845	0.09851	9.30E-04	9.87E-08	1.02E-07	5.69E-07	5.74E-07	3.22E-07	3.22E-07	9.3157E-04
606627.8	4201188.22	294217.3567	0.01817	0.01852	0.06445	0.06527	0.09656	0.09654	8.20E-04	1.02E-07	1.06E-07	5.88E-07	5.93E-07	3.16E-07	3.15E-07	8.2190E-04
606647.8	4201188.22	261610.4929	0.01886	0.01922	0.06671	0.06758	0.09468	0.0946	7.29E-04	1.06E-07	1.10E-07	6.08E-07	6.14E-07	3.10E-07	3.09E-07	7.3107E-04
606667.8	4201188.22	234301.3073	0.0196	0.01998	0.06913	0.07006	0.09282	0.09268	6.53E-04	1.10E-07	1.14E-07	6.31E-07	6.36E-07	3.04E-07	3.03E-07	6.5501E-04
606687.8	4201188.22	211014.2219	0.02042	0.02082	0.07177	0.07275	0.09096	0.09079	5.88E-04	1.15E-07	1.19E-07	6.55E-07	6.61E-07	2.97E-07	2.96E-07	5.9017E-04
606707.8	4201188.22	191060.1403	0.0213	0.02171	0.07458	0.07562	0.08915	0.08894	5.32E-04	1.20E-07	1.24E-07	6.80E-07	6.87E-07	2.92E-07	2.90E-07	5.3461E-04
606727.8	4201188.22	173816.2322	0.02224	0.02268	0.07759	0.07868	0.08735	0.08709	4.84E-04	1.25E-07	1.29E-07	7.08E-07	7.15E-07	2.86E-07	2.84E-07	4.8661E-04
606747.8	4201188.22	158837.1874	0.02323	0.02369	0.08077	0.08191	0.08558	0.08529	4.43E-04	1.31E-07	1.35E-07	7.37E-07	7.44E-07	2.80E-07	2.78E-07	4.4493E-04
606767.8	4201188.22	145708.875	0.02429	0.02478	0.08415	0.08534	0.08384	0.08352	4.06E-04	1.37E-07	1.41E-07	7.68E-07	7.75E-07	2.74E-07	2.73E-07	4.0841E-04
606787.8	4201188.22	134129.3637	0.02544	0.02595	0.08776	0.08902	0.08214	0.08178	3.74E-04	1.43E-07	1.48E-07	8.00E-07	8.09E-07	2.69E-07	2.67E-07	3.7621E-04
606807.8	4201188.22	123852.045	0.02669	0.02723	0.09165	0.09299	0.08046	0.08008	3.45E-04	1.50E-07	1.55E-07	8.36E-07	8.45E-07	2.63E-07	2.61E-07	3.4764E-04
606827.8	4201188.22	114713.7316	0.02803	0.0286	0.09582	0.09726	0.07882	0.07841	3.20E-04	1.58E-07	1.63E-07	8.74E-07	8.84E-07	2.58E-07	2.56E-07	3.2226E-04
606847.8	4201188.22	106519.9864	0.02953	0.03012	0.10039	0.1018	0.0772	0.07678	2.97E-04	1.66E-07	1.72E-07	9.16E-07	9.25E-07	2.52E-07	2.51E-07	2.9952E-04
606867.8	4201188.22	99166.26193	0.0312	0.03182	0.10517	0.10669	0.07562	0.07517	2.76E-04	1.75E-07	1.81E-07	9.59E-07	9.69E-07	2.47E-07	2.45E-07	2.7912E-04
606887.8	4201188.22	92507.874	0.03366	0.03428	0.11072	0.1126	0.07406	0.0736	2.58E-04	1.89E-07	1.95E-07	1.01E-06	1.02E-06	2.42E-07	2.40E-07	2.6069E-04
606907.8	4201188.22	86500.87903	0.03586	0.03657	0.11671	0.11879	0.07253	0.07205	2.41E-04	2.02E-07	2.08E-07	1.06E-06	1.08E-06	2.37E-07	2.35E-07	2.4407E-04
606927.8	4201188.22	81062.11663	0.03818	0.039	0.12331	0.1256	0.07103	0.07055	2.26E-04	2.15E-07	2.22E-07	1.12E-06	1.14E-06	2.32E-07	2.30E-07	2.2906E-04
606947.8	4201188.22	76111.6393	0.0407	0.04156	0.13078	0.13336	0.06957	0.06907	2.12E-04	2.29E-07	2.37E-07	1.19E-06	1.21E-06	2.28E-07	2.25E-07	2.1542E-04
606967.8	4201188.22	71603.96177	0.04346	0.04438	0.13909	0.14203	0.06814	0.06763	2.00E-04	2.44E-07	2.53E-07	1.27E-06	1.29E-06	2.23E-07	2.21E-07	2.0304E-04
606987.8	4201188.22	67482.18338	0.04657	0.04754	0.14843	0.15174	0.06674	0.06622	1.88E-04	2.62E-07	2.71E-07	1.35E-06	1.38E-06	2.18E-07	2.16E-07	1.9175E-04
607007.8	4201188.22	63706.20841	0.05009	0.05112	0.15888	0.16262	0.06537	0.06485	1.78E-04	2.82E-07	2.91E-07	1.45E-06	1.48E-06	2.14E-07	2.12E-07	1.8145E-04
607027.8	4201188.22	60232.22311	0.05415	0.0552	0.17088	0.17514	0.06402	0.0635	1.68E-04	3.05E-07	3.15E-07	1.56E-06	1.59E-06	2.09E-07	2.07E-07	1.7203E-04
607047.8	4201188.22	57034.39552	0.05882	0.05991	0.18466	0.18956	0.06271	0.06218	1.59E-04	3.31E-07	3.41E-07	1.68E-06	1.72E-06	2.05E-07	2.03E-07	1.6342E-04
607067.8	4201188.22	54090.85488	0.06417	0.06531	0.20052	0.20623	0.06143	0.0609	1.51E-04	3.61E-07	3.72E-07	1.83E-06	1.87E-06	2.01E-07	1.99E-07	1.5557E-04
607087.8	4201188.22	51370.58341	0.07038	0.0716	0.21912	0.22588	0.06017	0.05965	1.43E-04	3.96E-07	4.08E-07	2.00E-06	2.05E-06	1.97E-07	1.95E-07	1.4840E-04
607107.8	4201188.22	48851.27806	0.07761	0.07895	0.24125	0.2494	0.05895	0.05843	1.36E-04	4.36E-07	4.50E-07	2.20E-06	2.27E-06	1.93E-07	1.91E-07	1.4187E-04
607127.8	4201188.22	46517.21813	0.0859	0.08748	0.26783	0.27782	0.05776	0.05724	1.30E-04	4.83E-07	4.98E-07	2.44E-06	2.52E-06	1.89E-07	1.87E-07	1.3595E-04
607147.8	4201188.22	44342.73092	0.09564	0.09764	0.30059	0.31323	0.05659	0.05607	1.24E-04	5.38E-07	5.56E-07	2.74E-06	2.85E-06	1.85E-07	1.83E-07	1.3062E-04
607167.8	4201188.22	42320.39771	0.10686	0.10955	0.34155	0.35792	0.05545	0.05493	1.18E-04	6.01E-07	6.24E-07	3.12E-06	3.25E-06	1.81E-07	1.79E-07	1.2588E-04
607187.8	4201188.22	40437.60781	0.11975	0.12353	0.39403	0.41597	0.05434	0.05382	1.13E-04	6.73E-07	7.04E-07	3.59E-06	3.78E-06	1.78E-07	1.76E-07	1.2179E-04
607207.8	4201188.22	38680.27049	0.13473	0.1402	0.46371	0.49445	0.05326	0.05274	1.08E-04	7.58E-07	7.99E-07	4.23E-06	4.49E-06	1.74E-07	1.72E-07	1.1841E-04
607227.8	4201188.22	37036.65489	0.15241	0.1605	0.56047	0.6061	0.0522	0.05169	1.03E-04	8.57E-07	9.14E-07	5.11E-06	5.51E-06	1.71E-07	1.69E-07	1.1594E-04
607247.8	4201188.22	35499.53429	0.17329	0.18523	0.70128	0.77428	0.05117	0.05067	9.89E-05	9.75E-07	1.06E-06	6.40E-06	7.03E-06	1.67E-07	1.65E-07	1.1472E-04
607267.8	4201188.22	34058.71846	0.19864	0.21573	0.92189	1.05147	0.05017	0.04967	9.49E-05	1.12E-06	1.23E-06	8.41E-06	9.55E-06	1.64E-07	1.62E-07	1.1554E-04
607287.8	4201188.22	32704.13168	0.23124	0.25489	1.31007	1.57568	0.04918	0.04869	9.11E-05	1.30E-06	1.45E-06	1.19E-05	1.43E-05	1.61E-07	1.59E-07	1.2047E-04
607307.8	4201188.22	31429.79493	0.27233	0.30614	2.09956	2.74205	0.04823	0.04774	8.76E-05	1.53E-06	1.74E-06	1.92E-05	2.49E-05	1.58E-07	1.56E-07	1.3523E-04
606527.8	4201208.22	663064.2951	0.01487	0.01511	0.05541	0.05606	0.11155	0.11171	1.85E-03	8.36E-08	8.61E-08	5.05E-07	5.09E-07	3.65E-07	3.65E-07	1.8496E-03
606547.8	4201208.22	545317.9257	0.01534	0.01559	0.05704	0.05772	0.10927	0.10935	1.52E-03	8.63E-08	8.88E-08	5.20E-07	5.24E-07	3.57E-07	3.57E-07	1.5215E-03
606567.8	4201208.22	452282.3256	0.01583	0.01609	0.05874	0.05947	0.10703	0.10703	1.26E-03	8.90E-08	9.17E-08	5.36E-07	5.40E-07	3.50E-07	3.49E-07	1.2623E-03

606587.8	4201208.22	387435.64	0.01635	0.01663	0.06057	0.06133	0.10482	0.10476	1.08E-03	9.20E-08	9.48E-08	5.52E-07	5.57E-07	3.43E-07	3.42E-07	1.0816E-03
606607.8	4201208.22	337779.9293	0.01691	0.0172	0.06251	0.06332	0.10265	0.10252	9.41E-04	9.51E-08	9.80E-08	5.70E-07	5.75E-07	3.36E-07	3.35E-07	9.4329E-04
606627.8	4201208.22	297672.6122	0.01751	0.01781	0.06461	0.06547	0.10051	0.10031	8.30E-04	9.85E-08	1.01E-07	5.89E-07	5.95E-07	3.29E-07	3.27E-07	8.3155E-04
606647.8	4201208.22	264437.4266	0.01817	0.01848	0.06687	0.06779	0.09838	0.09815	7.37E-04	1.02E-07	1.05E-07	6.10E-07	6.16E-07	3.22E-07	3.20E-07	7.3897E-04
606667.8	4201208.22	236330.1827	0.0189	0.01923	0.06936	0.07034	0.09631	0.09602	6.59E-04	1.06E-07	1.10E-07	6.33E-07	6.39E-07	3.15E-07	3.13E-07	6.6069E-04
606687.8	4201208.22	212589.9196	0.01967	0.02001	0.07198	0.07303	0.09425	0.09393	5.92E-04	1.11E-07	1.14E-07	6.57E-07	6.63E-07	3.08E-07	3.07E-07	5.9457E-04
606707.8	4201208.22	192252.1841	0.02048	0.02083	0.07478	0.07589	0.09225	0.09189	5.36E-04	1.15E-07	1.19E-07	6.82E-07	6.89E-07	3.02E-07	3.00E-07	5.3795E-04
606727.8	4201208.22	174583.5336	0.02138	0.02175	0.07783	0.079	0.09027	0.08987	4.87E-04	1.20E-07	1.24E-07	7.10E-07	7.18E-07	2.95E-07	2.93E-07	4.8876E-04
606747.8	4201208.22	159277.2461	0.02232	0.02271	0.08104	0.08227	0.08833	0.0879	4.44E-04	1.26E-07	1.29E-07	7.39E-07	7.47E-07	2.89E-07	2.87E-07	4.4617E-04
606767.8	4201208.22	145851.8679	0.02335	0.02376	0.08449	0.08577	0.08642	0.08597	4.06E-04	1.31E-07	1.35E-07	7.71E-07	7.79E-07	2.83E-07	2.81E-07	4.0882E-04
606787.8	4201208.22	134053.2142	0.02446	0.02488	0.08815	0.0895	0.08456	0.08408	3.74E-04	1.38E-07	1.42E-07	8.04E-07	8.13E-07	2.77E-07	2.74E-07	3.7601E-04
606807.8	4201208.22	123579.2745	0.02569	0.02613	0.09214	0.09357	0.08273	0.08223	3.44E-04	1.44E-07	1.49E-07	8.40E-07	8.50E-07	2.71E-07	2.68E-07	3.4690E-04
606827.8	4201208.22	114292.787	0.02702	0.02748	0.09641	0.09793	0.08094	0.08043	3.18E-04	1.52E-07	1.57E-07	8.79E-07	8.90E-07	2.65E-07	2.63E-07	3.2110E-04
606847.8	4201208.22	106000.8612	0.02872	0.02899	0.10094	0.10272	0.0792	0.07866	2.95E-04	1.62E-07	1.65E-07	9.21E-07	9.33E-07	2.59E-07	2.57E-07	2.9808E-04
606867.8	4201208.22	98597.01419	0.03047	0.03088	0.10602	0.10782	0.07749	0.07694	2.75E-04	1.71E-07	1.76E-07	9.67E-07	9.79E-07	2.53E-07	2.51E-07	2.7755E-04
606887.8	4201208.22	91927.59615	0.03236	0.03285	0.11151	0.1135	0.07582	0.07526	2.56E-04	1.82E-07	1.87E-07	1.02E-06	1.03E-06	2.48E-07	2.46E-07	2.5908E-04
606907.8	4201208.22	85891.71338	0.03443	0.03503	0.11759	0.11977	0.07419	0.07362	2.39E-04	1.94E-07	2.00E-07	1.07E-06	1.09E-06	2.43E-07	2.40E-07	2.4239E-04
606927.8	4201208.22	80430.08812	0.03663	0.03728	0.12438	0.12682	0.07259	0.07201	2.24E-04	2.06E-07	2.12E-07	1.13E-06	1.15E-06	2.37E-07	2.35E-07	2.2731E-04
606947.8	4201208.22	75482.17262	0.03898	0.03966	0.13193	0.13469	0.07103	0.07045	2.10E-04	2.19E-07	2.26E-07	1.20E-06	1.22E-06	2.32E-07	2.30E-07	2.1368E-04
606967.8	4201208.22	70976.27834	0.0416	0.04231	0.1404	0.14352	0.0695	0.06892	1.98E-04	2.34E-07	2.41E-07	1.28E-06	1.30E-06	2.27E-07	2.25E-07	2.0130E-04
606987.8	4201208.22	66862.20591	0.04455	0.04528	0.14993	0.15343	0.06802	0.06743	1.86E-04	2.51E-07	2.58E-07	1.37E-06	1.39E-06	2.22E-07	2.20E-07	1.9003E-04
607007.8	4201208.22	63098.37079	0.0479	0.04864	0.16063	0.16463	0.06656	0.06598	1.76E-04	2.69E-07	2.77E-07	1.47E-06	1.50E-06	2.18E-07	2.15E-07	1.7977E-04
607027.8	4201208.22	59633.55084	0.0518	0.05254	0.17298	0.17758	0.06514	0.06455	1.66E-04	2.91E-07	2.99E-07	1.58E-06	1.61E-06	2.13E-07	2.11E-07	1.7038E-04
607047.8	4201208.22	56460.33684	0.05617	0.05692	0.18702	0.19231	0.06376	0.06317	1.57E-04	3.16E-07	3.24E-07	1.71E-06	1.75E-06	2.09E-07	2.06E-07	1.6184E-04
607067.8	4201208.22	53533.94145	0.06122	0.062	0.20328	0.20943	0.06241	0.06182	1.49E-04	3.44E-07	3.53E-07	1.85E-06	1.90E-06	2.04E-07	2.02E-07	1.5404E-04
607087.8	4201208.22	50831.43152	0.06703	0.06787	0.22237	0.22965	0.06109	0.06051	1.42E-04	3.77E-07	3.87E-07	2.03E-06	2.09E-06	2.00E-07	1.98E-07	1.4693E-04
607107.8	4201208.22	48340.13559	0.07353	0.07449	0.24481	0.25351	0.05982	0.05923	1.35E-04	4.14E-07	4.24E-07	2.23E-06	2.30E-06	1.96E-07	1.93E-07	1.4047E-04
607127.8	4201208.22	46025.72848	0.08099	0.08222	0.27202	0.28267	0.05857	0.05799	1.28E-04	4.55E-07	4.68E-07	2.48E-06	2.57E-06	1.92E-07	1.89E-07	1.3461E-04
607147.8	4201208.22	43876.52667	0.08942	0.09109	0.30536	0.31864	0.05735	0.05678	1.22E-04	5.03E-07	5.19E-07	2.79E-06	2.89E-06	1.88E-07	1.85E-07	1.2934E-04
607167.8	4201208.22	41876.69824	0.09893	0.10131	0.34711	0.36419	0.05616	0.05559	1.17E-04	5.56E-07	5.77E-07	3.17E-06	3.31E-06	1.84E-07	1.81E-07	1.2467E-04
607187.8	4201208.22	40012.88595	0.10964	0.11314	0.40095	0.42364	0.055	0.05444	1.12E-04	6.17E-07	6.45E-07	3.66E-06	3.85E-06	1.80E-07	1.78E-07	1.2063E-04
607207.8	4201208.22	38271.09274	0.12191	0.12708	0.47316	0.50475	0.05387	0.05332	1.07E-04	6.86E-07	7.24E-07	4.32E-06	4.59E-06	1.76E-07	1.74E-07	1.1731E-04
607227.8	4201208.22	36647.56782	0.13558	0.14307	0.57245	0.61887	0.05278	0.05223	1.02E-04	7.63E-07	8.15E-07	5.22E-06	5.62E-06	1.73E-07	1.70E-07	1.1489E-04
607247.8	4201208.22	35127.38871	0.15153	0.16192	0.71796	0.79163	0.05171	0.05116	9.79E-05	8.52E-07	9.23E-07	6.55E-06	7.19E-06	1.69E-07	1.67E-07	1.1374E-04
607267.8	4201208.22	33707.05101	0.17012	0.18364	0.94285	1.07121	0.05067	0.05013	9.39E-05	9.57E-07	1.05E-06	8.60E-06	9.73E-06	1.66E-07	1.64E-07	1.1459E-04
607287.8	4201208.22	32368.23093	0.1944	0.21185	1.34409	1.60397	0.04965	0.04912	9.02E-05	1.09E-06	1.21E-06	1.23E-05	1.46E-05	1.62E-07	1.60E-07	1.1965E-04
607307.8	4201208.22	31110.49479	0.22396	0.24764	2.16176	2.7811	0.04866	0.04814	8.67E-05	1.26E-06	1.41E-06	1.97E-05	2.53E-05	1.59E-07	1.57E-07	1.3466E-04
606527.8	4201228.22	661489.4786	0.01437	0.01459	0.0555	0.05618	0.11686	0.11679	1.84E-03	8.08E-08	8.31E-08	5.06E-07	5.10E-07	3.82E-07	3.81E-07	1.8453E-03
606547.8	4201228.22	545698.9108	0.01482	0.01505	0.05712	0.05784	0.11426	0.11412	1.52E-03	8.33E-08	8.57E-08	5.21E-07	5.25E-07	3.74E-07	3.72E-07	1.5226E-03
606567.8	4201228.22	455585.6611	0.0153	0.01554	0.05885	0.05961	0.11171	0.1115	1.27E-03	8.60E-08	8.85E-08	5.37E-07	5.42E-07	3.65E-07	3.64E-07	1.2715E-03
606587.8	4201228.22	391128.7372	0.01579	0.01603	0.06064	0.06144	0.10922	0.10895	1.09E-03	8.88E-08	9.13E-08	5.53E-07	5.58E-07	3.57E-07	3.56E-07	1.0919E-03
606607.8	4201228.22	340585.2635	0.01634	0.01659	0.06262	0.06346	0.10677	0.10645	9.49E-04	9.19E-08	9.45E-08	5.71E-07	5.76E-07	3.49E-07	3.47E-07	9.5112E-04
606627.8	4201228.22	299743.1135	0.01692	0.01718	0.06472	0.06562	0.10438	0.10401	8.35E-04	9.52E-08	9.79E-08	5.90E-07	5.96E-07	3.41E-07	3.39E-07	8.3734E-04
606647.8	4201228.22	265715.0272	0.01757	0.01784	0.06702	0.06798	0.10203	0.10162	7.40E-04	9.88E-08	1.02E-07	6.11E-07	6.18E-07	3.34E-07	3.32E-07	7.4255E-04
606667.8	4201228.22	237151.1236	0.01826	0.01855	0.06949	0.07052	0.09973	0.09927	6.61E-04	1.03E-07	1.06E-07	6.34E-07	6.41E-07	3.26E-07	3.24E-07	6.6299E-04
606687.8	4201228.22	213031.5745	0.01898	0.01928	0.0721	0.0732	0.09747	0.09699	5.94E-04	1.07E-07	1.10E-07	6.58E-07	6.65E-07	3.19E-07	3.17E-07	5.9582E-04
606707.8	4201228.22	192338.5697	0.01975	0.02006	0.07491	0.07607	0.09528	0.09476	5.36E-04	1.11E-07	1.14E-07	6.83E-07	6.91E-07	3.12E-07	3.09E-07	5.3820E-04
606727.8	4201228.22	174426.4952	0.0206	0.02092	0.07795	0.07918	0.09311	0.09256	4.86E-04	1.16E-07	1.19E-07	7.11E-07	7.19E-07	3.04E-07	3.02E-07	4.8834E-04
606747.8	4201228.22	158844.7849	0.02153	0.02186	0.08122	0.08252	0.09099	0.09042	4.43E-04	1.21E-07	1.25E-07	7.41E-07	7.50E-07	2.98E-07	2.95E-07	4.4497E-04
606767.8	4201228.22	145237.555	0.02253	0.02287	0.08472	0.08608	0.08892	0.08833	4.05E-04	1.27E-07	1.30E-07	7.73E-07	7.82E-07	2.91E-07	2.88E-07	4.0712E-04
606787.8	4201228.22	133289.5433	0.02362	0.02397	0.08846	0.08989	0.08689	0.08629	3.71E-04	1.33E-07	1.37E-07	8.07E-07	8.17E-07	2.84E-07	2.82E-07	3.7389E-04
606807.8	4201228.22	122727.4697	0.02482	0.02518	0.0925	0.09402	0.08492	0.0843	3.42E-04	1.40E-07	1.43E-07	8.44E-07	8.54E-07	2.78E-07	2.75E-07	3.4453E-04
606827.8	4201228.22	113384.5187	0.02611	0.02648	0.09686	0.09844	0.08299	0.08236	3.16E-04	1.47E-07	1.51E-07	8.83E-07	8.94E-07	2.71E-07	2.69E-07	3.1858E-04
606847.8	4201228.22	105075.1952	0.02786	0.02795	0.10166	0.10335	0.08111	0.08047	2.93E-04	1.57E-07	1.59E-07	9.27E-07	9.39E-07	2.65E-07	2.63E-07	2.9552E-04
606867.8	4201228.22	97639.34195	0.02958	0.02998	0.10663	0.10852	0.07928	0.07863	2.72E-04	1.66E-07	1.71E-07	9.73E-07	9.86E-07	2.59E-07	2.57E-07	2.7490E-04
606887.8	4201228.22	90946.36417	0.03146	0.0319	0.11221	0.11426	0.07749	0.07683	2.53E-04	1.77E-07	1.82E-07	1.02E-06	1.04E-06	2.53E-07	2.51E-07	2.5636E-04
606907.8	4201228.22	84978.51084	0.03322	0.03368	0.11829	0.12054	0.07576	0.0751	2.37E-04	1.87E-07	1.92E-07	1.08E-06	1.09E-06	2.48E-07	2.45E-07	2.3985E-04
606927.8	4201228.22	79553.51035	0.03523	0.03574	0.12514	0.1277	0.07407	0.0734	2.22E-04	1.98E-07	2.04E-07	1.14E-06	1.16E-06	2.42E-07	2.40E-07	2.2487E-04
606947.8	4201228.22	74624.3872	0.03749	0.03801	0.13282	0.13572	0.07241	0.07174	2.08E-04	2.11E-07	2.17E-07	1.21E-06	1.23E-06	2.37E-07	2.34E-07	2.1130E-04
606967.8	4201228.22	70140.98152	0.04003	0.04056	0.14142	0.14475	0.07079	0.07013	1.95E-04	2.25E-07	2.31E-07	1.29E-06	1.31E-06	2.32E-07	2.29E-07	1.9898E-04
606987.8	4201228.22	66062.81619	0.04285	0.04338	0.15105	0.15479	0.06922	0.06856	1.84E-04	2.41E-07	2.47E-07	1.38E-06	1.41E-06	2.26E-07	2.24E-07	1.8782E-04
607007.8	4201228.22	62325.58266	0.04609	0.0466	0.16206	0.16635	0.06769	0.06703	1.74E-04	2.59E-07	2.66E-07	1.48E-06	1.51E-06	2.21E-07	2.19E-07	1.7763E-04
607027.8	4201228.22	58892.12817	0.04983	0.05033	0.17476	0.17968	0.06619	0.06553	1.64E-04	2.80E-07	2.87E-07	1.59E-06	1.63E-06	2.16E-07	2.14E-07	1.6834E-04
607047.8	4201228.22	55756.09515	0.05397	0.05447	0.18904	0.1947	0.06474	0.06408	1.55E-04	3.04E-07	3.10E-07	1.72E-06	1.77E-06	2.12E-07	2.09E-07	1.5990E-04
607067.8	4201228.22	52866.63263	0.0587	0.05922	0.20557	0.21217	0.06333	0.06268	1.47E-04	3.30E-07	3.37E-07	1.88E-06	1.93E-06	2.07E-07	2.05E-07	1.5220E-04
607087.8	4201228.22	50201.1965	0.06404	0.06462	0.22495	0.23275	0.06195	0.06131	1.40E-04	3.60E-07	3.68E-07	2.05E-06	2.11E-06	2.03E-07	2.00E-07	1.4519E-04
607107.8	4201228.22	47742.2587	0.06994	0.07068	0.24781	0.25707	0.06062	0.05998	1.33E-04	3.93E-07	4.03E-07	2.26E-06	2.34E-06	1.98E-07	1.96E-07	1.3883E-04
607127.8	4201228.22	45456.29124	0.07662	0.07767	0.27567	0.28696	0.05931	0.05868	1.27E-04	4.31E-07	4.43E-07	2.51E-06	2.61E-06	1.94E-07	1.92E-07	1.3305E-04
607147.8	4201228.22	43342.44604	0.08381	0.08535	0.30935	0.32332	0.05805	0.05743	1.21E-04	4.71E-07	4.86E-07	2.82E-06	2.94E-06	1.90E-07	1.87E-07	1.2787E-04
607167.8	4201228.22	41366.05819	0.09196	0.09429	0.35238	0.37025	0.05681	0.05619	1.15E-04	5.17E-07	5.37E-07	3.21E-06	3.36E-06	1.86E-07	1.83E-07	1.2327E-04
607187.8	4201228.22	39529.10638	0.10075	0.10423	0.40744	0.43099	0.05561	0.055	1.10E-04	5.67E-07	5.94E-07	3.72E-06	3.92E-06	1.82E-07	1.80E-07	1.1931E-04
607207.8	4201228.22	37812.80094	0.11053	0.11556	0.48124	0.51384	0.05444	0.05384	1.05E-04	6.22E-07	6.58E-07	4.39E-06	4.67E-06	1.78E-07	1.76E-07	1.1606E-04
607227.8	4201228.22	36213.34579	0.1212	0.12807	0.58263	0.63015	0.0533	0.05271	1.01E-04	6.82E-07	7.30E-07	5.31E-06	5.72E-06	1.74E-07	1.72E-07	1.1371E-04
607247.8	4201228.22	34714.63843	0.13378	0.14256	0.73206	0.80673	0.05219	0.05161	9.67E-05	7.52E-07	8.12E-07	6.68E-06	7.33E-06	1.71E-07	1.68E-07	1.1265E-04
607267.8	4201228.22	33313.75464	0.14861	0.15933	0.9652	1.0936	0.05112	0.05055	9.28E-05	8.36E-07	9.08E-07	8.80E-06	9.93E-06	1.67E-07	1.65E-07	1.1365E-04
607287.8	4201228.22	31998.88605	0.16682	0.18007	1.37476	1.62564	0.05008	0.04951	8.92E-05	9.38E-07	1.03E-06	1.25E-05	1.48E-05	1.64E-07	1.62E-07	1.1877E-04
607307.8	4201228.22	30760.58307	0.18887	0.2063	2.21814	2.80646	0.04906	0.0485	8.57E-05	1.06E-06	1.18E-06	2.02E-05	2.55E-05	1.60E-07	1.58E-07	1.3400E-04
606527.8	4201248.22	662987.0992	0.01391	0.01411	0.05555	0.05626	0.12208	0.1218	1.85E-03	7.82E-08	8.04E-08	5.07E-07	5.11E-07	3.99E-07	3.98E-07	1.8495E-03
606547.8	4201248.22	553860.0432	0.01435	0.01456	0.05719	0.05794	0.11918	0.11881	1.54E-03	8.07E-08	8.30E-08	5.22E-07	5.26E-07	3.90E-07	3.88E-07	1.5454E-03
606567.8	4201248.22	460869.4436	0.01483	0.01503	0.05894	0.05972	0.11632	0.11589	1.28E-03	8.34E-08	8.56E-08	5.38E-07	5.43E-07	3.80E-07	3.78E-07	1.2863E-03
606587.8	4201248.22	393710.4239	0.01531	0.01553	0.06076	0.06159	0.11353	0.11305	1.10E-03	8.61E-08	8.85E-08	5.54E-07	5.59E-07	3.71E-07	3.69E-07	1.0992E-03
606607.8	4201248.22	342011.135	0.01583	0.01605	0.0627	0.06358	0.11082	0.1103	9.53E-04	8.90E-08	9.14E-08	5.72E-07	5.78E-07	3.62E-07	3.60E-07	9.5512E-04
606627.8	4201248.22	299993.6691	0.01641	0.01664	0.06485	0.06579	0.10818	0.10761	8.36E-04	9.23E-08	9.48E-08	5.92E-07	5.98E-07	3.54E-07	3.51E-07	8.3806E-04
606647.8	4201248.22	265432.2963	0.01703	0.01727	0.06714	0.06814	0.10558	0.10498	7.40E-04	9.58E-08	9.84E-08	6.12E-07	6.19E-07	3.45E-07	3.43E-07	7.4178E-04
606667.8	4201248.22	236649.8789	0.01767	0.01792	0.06955	0.07062	0.10307	0.10243	6.59E-04	9.94E-08	1.02E-07	6.34E-07	6.42E-07	3.37E-07	3.34E-07	6.6161E-04
606687.8	4201248.22	212222.9088	0.01836	0.01861	0.07215	0.07329	0.1006	0.09995	5.91E-04	1.03E-07	1.06E-07	6.58E-07	6.66E-07	3.29E-07	3.26E-07	5.9358E-04
606707.8	4201248.22	191172.207	0.01914	0.0194	0.07503	0.07624	0.09819	0.09752	5.33E-04	1.08E-07	1.11E-07	6.84E-07	6.93E-07	3.21E-07	3.18E-07	5.3497E-04
606727.8	4201248.22	173156.9817	0.01995	0.02022	0.07806	0.07934	0.09584	0.09515	4.83E-04	1.12E-07	1.15E-07	7.12E-07	7.21E-07	3.13E-07	3.11E-07	4.8481E-04
606747.8	4201248.22	157496.2216	0.02084	0.02112	0.08134	0.0827	0.09355	0.09284	4.39E-04	1.17E-07	1.20E-07	7.42E-07	7.51E-07	3.06E-07	3.03E-07	4.4123E-04
606767.8	4201248.22	143812.6499	0.02183	0.02212	0.08489	0.08633	0.09131	0.09058	4.01E-04	1.23E-07	1.26E-07	7.74E-07	7.84E-07	2.99E-07	2.96E-07	4.0316E-04
606787.8	4201248.22	131888.1761	0.02286	0.02315	0.08862	0.09013	0.08914	0.0884	3.68E-04	1.29E-07	1.32E-07	8.08E-07	8.19E-07	2.92E-07	2.89E-07	3.6999E-04
606807.8	4201248.22	121313.4014	0.02405	0.02434	0.09274	0.09434	0.08701	0.08627	3.38E-04	1.35E-07	1.39E-07	8.46E-07	8.57E-07	2.85E-07	2.82E-07	3.4060E-04
606827.8	4201248.22	111997.4489	0.0253	0.0256	0.0972	0.09896	0.08495	0.0842	3.12E-04	1.42E-07	1.46E-07	8.87E-07	8.99E-07	2.78E-07	2.75E-07	3.1472E-04
606847.8	4201248.22	103721.719	0.02709	0.02731	0.10203	0.10384	0.08294	0.08219	2.89E-04	1.52E-07	1.56E-07	9.31E-07	9.43E-07	2.71E-07	2.68E-07	2.9176E-04
606867.8	4201248.22	96348.84171	0.02865	0.02895	0.10706	0.109	0.08099	0.08024	2.68E-04	1.61E-07	1.65E-07	9.77E-07	9.90E-07	2.65E-07	2.62E-07	2.7131E-04
606887.8	4201248.22	89720.88605	0.03038	0.03073	0.11263	0.11477	0.07909	0.07833	2.50E-04	1.71E-07	1.75E-07	1.03E-06	1.04E-06	2.59E-07	2.56E-07	2.5295E-04
606907.8	4201248.22	83772.0509	0.03215	0.03254	0.11887	0.12125	0.07725	0.07649	2.33E-04	1.81E-07	1.85E-07	1.08E-06	1.10E-06	2.53E-07	2.50E-07	2.3650E-04
606927.8	4201248.22	78399.39011	0.0341	0.0345	0.12581	0.12848	0.07545	0.07469	2.18E-04	1.92E-07	1.97E-07	1.15E-06	1.17E-06	2.47E-07	2.44E-07	2.2167E-04
606947.8	4201248.22	73550.99514	0.03623	0.03661	0.13346	0.13647	0.07371	0.07296	2.05E-04	2.04E-07	2.09E-07	1.22E-06	1.24E-06	2.41E-07	2.38E-07	2.0831E-04
606967.8	4201248.22	69136.11368	0.03863	0.039	0.14211	0.14556	0.07201	0.07126	1.93E-04	2.17E-07	2.22E-07	1.30E-06	1.32E-06	2.35E-07	2.33E-07	1.9618E-04
606987.8	4201248.22	65109.24032	0.04136	0.04172	0.15181	0.15575	0.07036	0.06961	1.81E-04	2.33E-07	2.38E-07	1.38E-06	1.41E-06	2.30E-07	2.27E-07	1.8516E-04
607007.8	4201248.22	61414.48882	0.04453	0.04486	0.1631	0.1676	0.06874	0.068	1.71E-04	2.50E-07	2.56E-07	1.49E-06	1.52E-06	2.25E-07	2.22E-07	1.7510E-04
607027.8	4201248.22	58032.25055	0.04812	0.04843	0.17602	0.1812	0.06717	0.06644	1.62E-04	2.71E-07	2.76E-07	1.61E-06	1.65E-06	2.20E-07	2.17E-07	1.6595E-04
607047.8	4201248.22	54942.01869	0.05208	0.05239	0.19058	0.19661	0.06565	0.06493	1.53E-04	2.93E-07	2.98E-07	1.74E-06	1.79E-06	2.15E-07	2.12E-07	1.5765E-04
607067.8	4201248.22	52104.72255	0.05646	0.0568	0.20734	0.21435	0.06418	0.06347	1.45E-04	3.18E-07	3.24E-07	1.89E-06	1.95E-06	2.10E-07	2.07E-07	1.5009E-04
607087.8	4201248.22	49482.47979	0.06138	0.06182	0.22707	0.23535	0.06274	0.06204	1.38E-04	3.45E-07	3.52E-07	2.07E-06	2.14E-06	2.05E-07	2.03E-07	1.4320E-04
607107.8	4201248.22	47063.55293	0.06672	0.06737	0.25041	0.26025	0.06135	0.06066	1.31E-04	3.75E-07	3.84E-07	2.28E-06	2.36E-06	2.01E-07	1.98E-07	1.3696E-04
607127.8	4201248.22	44818.02012	0.07259	0.07361	0.27877	0.29071	0.06	0.05931	1.25E-04	4.08E-07	4.19E-07	2.54E-06	2.64E-06	1.96E-07	1.94E-07	1.3129E-04
607147.8	4201248.22	42735.33408	0.07889	0.08047	0.31355	0.3283	0.05868	0.05801	1.19E-04	4.44E-07	4.58E-07	2.86E-06	2.98E-06	1.92E-07	1.89E-07	1.2621E-04
607167.8	4201248.22	40801.03958	0.08552	0.08793	0.35692	0.37565	0.0574	0.05674	1.14E-04	4.81E-07	5.01E-07	3.26E-06	3.41E-06	1.88E-07	1.85E-07	1.2172E-04
607187.8	4201248.22	38996.09009	0.09266	0.09618	0.4131	0.43773	0.05616	0.05551	1.09E-04	5.21E-07	5.48E-07	3.77E-06	3.98E-06	1.84E-07	1.81E-07	1.1785E-04
607207.8	4201248.22	37311.25247	0.10041	0.10522	0.48799	0.52184	0.05495	0.05431	1.04E-04	5.65E-07	5.99E-07	4.45E-06	4.74E-06	1.80E-07	1.77E-07	1.1469E-04
607227.8	4201248.22	35739.76859	0.10894	0.11503	0.59095	0.64002	0.05378	0.05314	9.96E-05	6.13E-07	6.55E-07	5.39E-06	5.81E-06	1.76E-07	1.73E-07	1.1242E-04
607247.8	4201248.22	34269.8672	0.11891	0.12616	0.74098	0.81719	0.05264	0.05202	9.55E-05	6.69E-07	7.19E-07	6.76E-06	7.42E-06	1.72E-07	1.70E-07	1.1141E-04
607267.8	4201248.22	32889.70541	0.13127	0.13982	0.98076	1.10993	0.05153	0.05092	9.17E-05	7.38E-07	7.97E-07	8.95E-06	1.01E-05	1.69E-07	1.66E-07	1.1255E-04
607287.8	4201248.22	31598.63942	0.14564	0.156	1.39624	1.64278	0.05045	0.04985	8.81E-05	8.19E-07	8.89E-07	1.27E-05	1.49E-05	1.65E-07	1.63E-07	1.1775E-04
607307.8	4201248.22	30383.3396	0.16239	0.17574	2.25472	2.82471	0.0494	0.04882	8.47E-05	9.13E-07	1.00E-06	2.06E-05	2.57E-05	1.62E-07	1.59E-07	1.3313E-04
606527.8	4201268.22	665754.9608	0.0135	0.01367	0.0556	0.05633	0.12725	0.12671	1.86E-03	7.59E-08	7.79E-08	5.07E-07	5.12E-07	4.16E-07	4.14E-07	1.8572E-03
606547.8	4201268.22	569640.2123	0.01393	0.01411	0.05724	0.05802	0.12399	0.12339	1.59E-03	7.83E-08	8.04E-08	5.22E-07	5.27E-07	4.05E-07	4.03E-07	1.5894E-03
606567.8	4201268.22	466436.535	0.01439	0.01457	0.059	0.05981	0.12083	0.12017	1.30E-03	8.09E-08	8.30E-08	5.38E-07	5.43E-07	3.95E-07	3.92E-07	1.3018E-03
606587.8	4201268.22	394911.251	0.01487	0.01506	0.06085	0.0617	0.11775	0.11705	1.10E-03	8.36E-08	8.58E-08	5.55E-07	5.60E-07	3.85E-07	3.82E-07	1.1025E-03
606607.8	4201268.22	341120.0883	0.01539	0.01559	0.06284	0.06374	0.11477	0.11404	9.51E-04	8.66E-08	8.88E-08	5.73E-07	5.79E-07	3.75E-07	3.72E-07	9.5266E-04
606627.8	4201268.22	298527.2768	0.01594	0.01614	0.06494	0.0659	0.11186	0.1111	8.32E-04	8.96E-08	9.20E-08	5.92E-07	5.99E-07	3.66E-07	3.63E-07	8.3399E-04
606647.8	4201268.22	263566.0412	0.01653	0.01674	0.0672	0.06823	0.10903	0.10824	7.34E-04	9.30E-08	9.54E-08	6.13E-07	6.20E-07	3.57E-07	3.53E-07	7.3660E-04
606667.8	4201268.22	234490.9076	0.01715	0.01737	0.0696	0.0707	0.10629	0.10548	6.53E-04	9.65E-08	9.90E-08	6.35E-07	6.42E-07	3.48E-07	3.44E-07	6.5561E-04
606687.8	4201268.22	209730.0048	0.01786	0.01808	0.07229	0.07346	0.10359	0.10277	5.84E-04	1.00E-07	1.03E-07	6.59E-07	6.67E-07	3.39E-07	3.35E-07	5.8665E-04
606707.8	4201268.22	188791.9135	0.0186	0.01882	0.0751	0.07635	0.101	0.10016	5.26E-04	1.05E-07	1.07E-07	6.85E-07	6.94E-07	3.30E-07	3.27E-07	5.2835E-04
606727.8	4201268.22	170730.1808	0.01941	0.01964	0.07818	0.07952	0.09845	0.09761	4.76E-04	1.09E-07	1.12E-07	7.13E-07	7.22E-07	3.22E-07	3.19E-07	4.7806E-04
606747.8	4201268.22	155107.6544	0.02031	0.02054	0.08152	0.08293	0.09598	0.09513	4.32E-04	1.14E-07	1.17E-07	7.44E-07	7.53E-07	3.14E-07	3.11E-07	4.3458E-04
606767.8	4201268.22	141659.7447	0.0212	0.02143	0.08494	0.08644	0.0936	0.09274	3.95E-04	1.19E-07	1.22E-07	7.75E-07	7.85E-07	3.06E-07	3.03E-07	3.9717E-04
606787.8	4201268.22	129834.4023	0.0222	0.02244	0.08869	0.09026	0.09127	0.09041	3.62E-04	1.25E-07	1.28E-07	8.09E-07	8.20E-07	2.98E-07	2.95E-07	3.6428E-04
606807.8	4201268.22	119378.6192	0.02334	0.02358	0.0928	0.09447	0.08901	0.08814	3.33E-04	1.31E-07	1.34E-07	8.46E-07	8.58E-07	2.91E-07	2.88E-07	3.3522E-04
606827.8	4201268.22	110167.4564	0.02456	0.0248	0.09723	0.0992	0.08681	0.08594	3.07E-04	1.38E-07	1.41E-07	8.87E-07	9.01E-07	2.84E-07	2.81E-07	3.0963E-04
606847.8	4201268.22	101996.8632	0.02623	0.02637	0.10229	0.10419	0.08468	0.08381	2.84E-04	1.48E-07	1.50E-07	9.33E-07	9.46E-07	2.77E-07	2.74E-07	2.8696E-04
606867.8	4201268.22	94717.31548	0.0278	0.02803	0.10732	0.10937	0.08261	0.08175	2.64E-04	1.56E-07	1.60E-07	9.79E-07	9.94E-07	2.70E-07	2.67E-07	2.6677E-04
606887.8	4201268.22	88196.65674	0.02944	0.02972	0.11291	0.11512	0.0806	0.07974	2.46E-04	1.66E-07	1.69E-07	1.03E-06	1.05E-06	2.64E-07	2.60E-07	2.4871E-04
606907.8	4201268.22	82343.35926	0.03115	0.03145	0.11917	0.12163	0.07865	0.0778	2.29E-04	1.75E-07	1.79E-07	1.09E-06	1.10E-06	2.57E-07	2.54E-07	2.3252E-04
606927.8	4201268.22	77066.39468	0.03304	0.03332	0.12613	0.12888	0.07676	0.07591	2.15E-04	1.86E-07	1.90E-07	1.15E-06	1.17E-06	2.51E-07	2.48E-07	2.1795E-04
606947.8	4201268.22	72290.98537	0.03513	0.03539	0.13391	0.137	0.07492	0.07409	2.01E-04	1.98E-07	2.02E-07	1.22E-06	1.24E-06	2.45E-07	2.42E-07	2.0480E-04
606967.8	4201268.22	67955.86605	0.03747	0.03771	0.14263	0.14613	0.07314	0.07231	1.89E-04	2.11E-07	2.15E-07	1.30E-06	1.33E-06	2.39E-07	2.36E-07	1.9290E-04
606987.8	4201268.22	64003.91008	0.04013	0.04034	0.15242	0.15642	0.0714	0.07059	1.78E-04	2.26E-07	2.30E-07	1.39E-06	1.42E-06	2.33E-07	2.30E-07	1.8209E-04
607007.8	4201268.22	60377.31017	0.0432	0.04338	0.16384	0.16851	0.06971	0.06891	1.68E-04	2.43E-07	2.47E-07	1.49E-06	1.53E-06	2.28E-07	2.25E-07	1.7222E-04
607027.8	4201268.22	57063.75146	0.04663	0.0468	0.17687	0.18226	0.06807	0.06728	1.59E-04	2.62E-07	2.67E-07	1.61E-06	1.66E-06	2.23E-07	2.20E-07	1.6326E-04
607047.8	4201268.22	54039.75173	0.05034	0.05052	0.19158	0.19786	0.06649	0.06571	1.51E-04	2.83E-07	2.88E-07	1.75E-06	1.80E-06	2.17E-07	2.14E-07	1.5514E-04
607067.8	4201268.22	51251.81905	0.05448	0.05473	0.20872	0.21611	0.06495	0.06418	1.43E-04	3.06E-07	3.12E-07	1.90E-06	1.96E-06	2.12E-07	2.09E-07	1.4773E-04
607087.8	4201268.22	48690.78356	0.05889	0.05929	0.22864	0.23732	0.06347	0.06271	1.36E-04	3.31E-07	3.38E-07	2.09E-06	2.16E-06	2.08E-07	2.05E-07	1.4101E-04
607107.8	4201268.22	46322.12281	0.06363	0.0643	0.2523	0.26265	0.06202	0.06128	1.29E-04	3.58E-07	3.66E-07	2.30E-06	2.39E-06	2.03E-07	2.00E-07	1.3490E-04
607127.8	4201268.22	44120.83604	0.06877	0.06987	0.28122	0.29384	0.06062	0.05988	1.23E-04	3.87E-07	3.98E-07	2.57E-06	2.67E-06	1.98E-07	1.95E-07	1.2936E-04
607147.8	4201268.22	42072.07517	0.07429	0.07602	0.3174	0.33301	0.05925	0.05853	1.17E-04	4.18E-07	4.33E-07	2.90E-06	3.03E-06	1.94E-07	1.91E-07	1.2440E-04
607167.8	4201268.22	40185.00431	0.0796	0.08214	0.36108	0.3808	0.05793	0.05723	1.12E-04	4.48E-07	4.68E-07	3.29E-06	3.46E-06	1.89E-07	1.87E-07	1.2003E-04
607187.8	4201268.22	38420.9084	0.08527	0.08876	0.41782	0.44363	0.05665	0.05596	1.07E-04	4.80E-07	5.06E-07	3.81E-06	4.03E-06	1.85E-07	1.83E-07	1.1626E-04
607207.8	4201268.22	36768.87799	0.09163	0.09608	0.49431	0.52963	0.0554	0.05472	1.02E-04	5.15E-07	5.47E-07	4.51E-06	4.81E-06	1.81E-07	1.79E-07	1.1320E-04
607227.8	4201268.22	35227.00845	0.09881	0.10408	0.59971	0.6508	0.05419	0.05352	9.82E-05	5.56E-07	5.93E-07	5.47E-06	5.91E-06	1.77E-07	1.75E-07	1.1105E-04
607247.8	4201268.22	33789.00542	0.10703	0.11301	0.75095	0.82959	0.05302	0.05237	9.42E-05	6.02E-07	6.44E-07	6.85E-06	7.54E-06	1.73E-07	1.71E-07	1.1013E-04
607267.8	4201268.22	32436.05125	0.11727	0.12423	0.99142	1.12154	0.05188	0.05124	9.04E-05	6.60E-07	7.08E-07	9.04E-06	1.02E-05	1.70E-07	1.67E-07	1.1132E-04
607287.8	4201268.22	31171.41834	0.12866	0.13714	1.40498	1.65468	0.05078	0.05015	8.69E-05	7.24E-07	7.81E-07	1.28E-05	1.50E-05	1.66E-07	1.64E-07	1.1655E-04
607307.8	4201268.22	29984.31296	0.1417	0.15214	2.25491	2.83758	0.04971	0.04909	8.36E-05	7.97E-07	8.67E-07	2.06E-05	2.58E-05	1.63E-07	1.60E-07	1.3189E-04
606527.8	4201288.22	670200.9168	0.0131	0.01326	0.05561	0.05636	0.13232	0.1315	1.87E-03	7.37E-08	7.55E-08	5.07E-07	5.12E-07	4.33E-07	4.29E-07	1.8697E-03
606547.8	4201288.22	576923.606	0.01354	0.0137	0.0573	0.05809	0.1287	0.12786	1.61E-03	7.62E-08	7.81E-08	5.23E-07	5.28E-07	4.21E-07	4.17E-07	1.6097E-03
606567.8	4201288.22	466930.0936	0.014	0.01417	0.05908	0.05991	0.12523	0.12433	1.30E-03	7.87E-08	8.07E-08	5.39E-07	5.44E-07	4.10E-07	4.06E-07	1.3032E-03
606587.8	4201288.22	392325.7779	0.0145	0.01467	0.061	0.06188	0.12184	0.12092	1.09E-03	8.15E-08	8.36E-08	5.56E-07	5.62E-07	3.98E-07	3.95E-07	1.0954E-03
606607.8	4201288.22	337284.6677	0.01502	0.0152	0.06301	0.06394	0.11858	0.11762	9.40E-04	8.45E-08	8.66E-08	5.75E-07	5.81E-07	3.88E-07	3.84E-07	9.4199E-04
606627.8	4201288.22	294331.4008	0.01556	0.01573	0.0651	0.06609	0.11541	0.11445	8.20E-04	8.75E-08	8.96E-08	5.94E-07	6.00E-07	3.77E-07	3.74E-07	8.2232E-04
606647.8	4201288.22	259401.931	0.01612	0.0163	0.06733	0.06838	0.11234	0.11137	7.23E-04	9.07E-08	9.29E-08	6.14E-07	6.21E-07	3.67E-07	3.64E-07	7.2501E-04
606667.8	4201288.22	230281.4241	0.01675	0.01693	0.06976	0.07088	0.10936	0.10838	6.42E-04	9.42E-08	9.65E-08	6.36E-07	6.44E-07	3.58E-07	3.54E-07	6.4390E-04
606687.8	4201288.22	205831.4461	0.01742	0.0176	0.07237	0.07358	0.10648	0.10549	5.74E-04	9.80E-08	1.00E-07	6.60E-07	6.68E-07	3.48E-07	3.44E-07	5.7580E-04
606707.8	4201288.22	184968.1935	0.01817	0.01835	0.07525	0.07654	0.10366	0.10267	5.15E-04	1.02E-07	1.05E-07	6.86E-07	6.95E-07	3.39E-07	3.35E-07	5.1771E-04
606727.8	4201288.22	167280.2579	0.01893	0.01912	0.07825	0.07962	0.10095	0.09995	4.66E-04	1.06E-07	1.09E-07	7.14E-07	7.23E-07	3.30E-07	3.26E-07	4.6846E-04
606747.8	4201288.22	151944.8697	0.01979	0.01997	0.08154	0.083	0.09831	0.09731	4.23E-04	1.11E-07	1.14E-07	7.44E-07	7.54E-07	3.22E-07	3.18E-07	4.2578E-04
606767.8	4201288.22	138692.6517	0.02069	0.02087	0.08501	0.08656	0.09576	0.09476	3.86E-04	1.16E-07	1.19E-07	7.75E-07	7.86E-07	3.13E-07	3.09E-07	3.8891E-04
606787.8	4201288.22	127123.0701	0.02165	0.02183	0.08872	0.09035	0.0933	0.0923	3.54E-04	1.22E-07	1.24E-07	8.09E-07	8.21E-07	3.05E-07	3.01E-07	3.5673E-04
606807.8	4201288.22	116931.3797	0.02272	0.0229	0.09275	0.09448	0.0909	0.08991	3.26E-04	1.28E-07	1.30E-07	8.46E-07	8.58E-07	2.97E-07	2.93E-07	3.2840E-04
606827.8	4201288.22	107913.6892	0.0239	0.02408	0.09715	0.09899	0.08857	0.08759	3.01E-04	1.34E-07	1.37E-07	8.86E-07	8.99E-07	2.90E-07	2.86E-07	3.0335E-04
606847.8	4201288.22	99902.34521	0.02551	0.02543	0.10235	0.10447	0.08631	0.08534	2.78E-04	1.43E-07	1.45E-07	9.34E-07	9.49E-07	2.82E-07	2.79E-07	2.8113E-04
606867.8	4201288.22	92793.03796	0.027	0.02717	0.1075	0.10962	0.08413	0.08317	2.59E-04	1.52E-07	1.55E-07	9.81E-07	9.96E-07	2.75E-07	2.71E-07	2.6141E-04
606887.8	4201288.22	86425.0757	0.02857	0.02877	0.11309	0.11541	0.08202	0.08106	2.41E-04	1.61E-07	1.64E-07	1.03E-06	1.05E-06	2.68E-07	2.65E-07	2.4377E-04
606907.8	4201288.22	80694.15059	0.03027	0.03048	0.1193	0.12181	0.07996	0.07902	2.25E-04	1.70E-07	1.74E-07	1.09E-06	1.11E-06	2.61E-07	2.58E-07	2.2792E-04
606927.8	4201288.22	75532.2085	0.03213	0.03232	0.12631	0.12912	0.07797	0.07704	2.10E-04	1.81E-07	1.84E-07	1.15E-06	1.17E-06	2.55E-07	2.51E-07	2.1368E-04
606947.8	4201288.22	70863.0575	0.0342	0.03435	0.13415	0.13731	0.07604	0.07513	1.97E-04	1.92E-07	1.96E-07	1.22E-06	1.25E-06	2.49E-07	2.45E-07	2.0082E-04
606967.8	4201288.22	66634.81646	0.03648	0.03661	0.1428	0.14637	0.07418	0.07328	1.86E-04	2.05E-07	2.09E-07	1.30E-06	1.33E-06	2.43E-07	2.39E-07	1.8922E-04
606987.8	4201288.22	62774.4739	0.03907	0.03916	0.15272	0.15685	0.07237	0.07148	1.75E-04	2.20E-07	2.23E-07	1.39E-06	1.42E-06	2.37E-07	2.33E-07	1.7866E-04
607007.8	4201288.22	59236.55674	0.04203	0.04209	0.1642	0.16896	0.07061	0.06973	1.65E-04	2.36E-07	2.40E-07	1.50E-06	1.53E-06	2.31E-07	2.28E-07	1.6904E-04
607027.8	4201288.22	56006.90717	0.04527	0.04534	0.17727	0.18281	0.0689	0.06804	1.56E-04	2.55E-07	2.58E-07	1.62E-06	1.66E-06	2.25E-07	2.22E-07	1.6031E-04
607047.8	4201288.22	53056.41586	0.04874	0.04886	0.1921	0.19853	0.06726	0.06642	1.48E-04	2.74E-07	2.78E-07	1.75E-06	1.80E-06	2.20E-07	2.17E-07	1.5239E-04
607067.8	4201288.22	50338.46089	0.05252	0.05275	0.20939	0.21696	0.06567	0.06484	1.40E-04	2.95E-07	3.01E-07	1.91E-06	1.97E-06	2.15E-07	2.12E-07	1.4518E-04
607087.8	4201288.22	47832.94182	0.05654	0.05698	0.22969	0.23869	0.06412	0.06331	1.33E-04	3.18E-07	3.25E-07	2.10E-06	2.17E-06	2.10E-07	2.07E-07	1.3862E-04
607107.8	4201288.22	45521.41462	0.0607	0.06146	0.25367	0.26451	0.06263	0.06183	1.27E-04	3.41E-07	3.50E-07	2.31E-06	2.40E-06	2.05E-07	2.02E-07	1.3267E-04
607127.8	4201288.22	43366.24039	0.0652	0.06644	0.28345	0.29666	0.06117	0.06039	1.21E-04	3.67E-07	3.79E-07	2.59E-06	2.69E-06	2.00E-07	1.97E-07	1.2727E-04
607147.8	4201288.22	41366.34051	0.06983	0.07172	0.32028	0.33677	0.05976	0.05899	1.15E-04	3.93E-07	4.09E-07	2.92E-06	3.06E-06	1.95E-07	1.93E-07	1.2244E-04
607167.8	4201288.22	39518.05454	0.07433	0.07696	0.36549	0.38646	0.0584	0.05765	1.10E-04	4.18E-07	4.38E-07	3.33E-06	3.51E-06	1.91E-07	1.88E-07	1.1820E-04
607187.8	4201288.22	37801.45708	0.07884	0.0822	0.42267	0.44996	0.05708	0.05635	1.05E-04	4.43E-07	4.68E-07	3.86E-06	4.09E-06	1.87E-07	1.84E-07	1.1456E-04
607207.8	4201288.22	36192.15676	0.08401	0.088	0.49968	0.53676	0.0558	0.05508	1.01E-04	4.72E-07	5.01E-07	4.56E-06	4.88E-06	1.82E-07	1.80E-07	1.1162E-04
607227.8	4201288.22	34682.28588	0.09031	0.0948	0.60809	0.66023	0.05456	0.05385	9.66E-05	5.08E-07	5.40E-07	5.55E-06	6.00E-06	1.78E-07	1.76E-07	1.0959E-04
607247.8	4201288.22	33275.26392	0.09736	0.10242	0.76149	0.83973	0.05335	0.05266	9.27E-05	5.48E-07	5.84E-07	6.95E-06	7.63E-06	1.74E-07	1.72E-07	1.0878E-04
607267.8	4201288.22	31959.48964	0.10543	0.11128	0.9991	1.12983	0.05219	0.05152	8.91E-05	5.93E-07	6.34E-07	9.11E-06	1.03E-05	1.71E-07	1.68E-07	1.1000E-04
607287.8	4201288.22	30722.2616	0.11476	0.12172	1.41168	1.66418	0.05106	0.0504	8.56E-05	6.45E-07	6.94E-07	1.29E-05	1.51E-05	1.67E-07	1.65E-07	1.1528E-04

607307.8	4201288.22	29561.2475	0.12528	0.13368	2.25161	2.84877	0.04997	0.04932	8.24E-05	7.05E-07	7.62E-07	2.05E-05	2.59E-05	1.63E-07	1.61E-07	1.3058E-04
606527.8	4201308.22	666405.3411	0.01275	0.0129	0.05564	0.05641	0.13724	0.13615	1.86E-03	7.17E-08	7.35E-08	5.08E-07	5.12E-07	4.49E-07	4.44E-07	1.8591E-03
606547.8	4201308.22	573935.0434	0.01319	0.01333	0.05734	0.05815	0.13328	0.13217	1.60E-03	7.42E-08	7.59E-08	5.23E-07	5.28E-07	4.36E-07	4.31E-07	1.6014E-03
606567.8	4201308.22	461326.2056	0.01367	0.01382	0.05922	0.06007	0.12946	0.12832	1.29E-03	7.69E-08	7.87E-08	5.40E-07	5.46E-07	4.23E-07	4.19E-07	1.2876E-03
606587.8	4201308.22	385555.4793	0.01419	0.01434	0.06119	0.06209	0.12579	0.12462	1.07E-03	7.98E-08	8.17E-08	5.58E-07	5.64E-07	4.11E-07	4.07E-07	1.0765E-03
606607.8	4201308.22	330511.2884	0.01469	0.01484	0.06316	0.06412	0.12225	0.12108	9.21E-04	8.26E-08	8.46E-08	5.76E-07	5.82E-07	4.00E-07	3.95E-07	9.2314E-04
606627.8	4201308.22	287221.9915	0.01525	0.0154	0.06534	0.06635	0.11881	0.11764	8.00E-04	8.58E-08	8.77E-08	5.96E-07	6.03E-07	3.89E-07	3.84E-07	8.0253E-04
606647.8	4201308.22	252604.7473	0.01582	0.01597	0.06758	0.06866	0.1155	0.11433	7.04E-04	8.90E-08	9.10E-08	6.16E-07	6.24E-07	3.78E-07	3.73E-07	7.0609E-04
606667.8	4201308.22	224177.246	0.01641	0.01656	0.06994	0.07109	0.11231	0.11113	6.25E-04	9.23E-08	9.44E-08	6.38E-07	6.46E-07	3.67E-07	3.63E-07	6.2691E-04
606687.8	4201308.22	200335.0714	0.01705	0.0172	0.07249	0.07372	0.10921	0.10804	5.58E-04	9.59E-08	9.80E-08	6.61E-07	6.70E-07	3.57E-07	3.53E-07	5.6050E-04
606707.8	4201308.22	180076.2552	0.01776	0.01791	0.07529	0.07661	0.10622	0.10505	5.02E-04	9.99E-08	1.02E-07	6.87E-07	6.96E-07	3.47E-07	3.43E-07	5.0409E-04
606727.8	4201308.22	162814.7392	0.01852	0.01866	0.07828	0.07969	0.10332	0.10216	4.54E-04	1.04E-07	1.06E-07	7.14E-07	7.24E-07	3.38E-07	3.33E-07	4.5603E-04
606747.8	4201308.22	147869.8145	0.01937	0.01952	0.08159	0.08309	0.10051	0.09936	4.12E-04	1.09E-07	1.11E-07	7.44E-07	7.55E-07	3.29E-07	3.24E-07	4.1443E-04
606767.8	4201308.22	135033.4598	0.02024	0.02038	0.08502	0.08661	0.09781	0.09667	3.76E-04	1.14E-07	1.16E-07	7.75E-07	7.87E-07	3.20E-07	3.16E-07	3.7872E-04
606787.8	4201308.22	123834.169	0.02118	0.02131	0.08869	0.09037	0.0952	0.09407	3.45E-04	1.19E-07	1.21E-07	8.09E-07	8.21E-07	3.11E-07	3.07E-07	3.4757E-04
606807.8	4201308.22	113985.7813	0.02219	0.02232	0.09265	0.09444	0.09267	0.09156	3.18E-04	1.25E-07	1.27E-07	8.45E-07	8.58E-07	3.03E-07	2.99E-07	3.2020E-04
606827.8	4201308.22	105233.4055	0.02335	0.02347	0.09707	0.09897	0.09022	0.08912	2.93E-04	1.31E-07	1.34E-07	8.85E-07	8.99E-07	2.95E-07	2.91E-07	2.9588E-04
606847.8	4201308.22	97491.95713	0.02462	0.02473	0.10209	0.1044	0.08784	0.08676	2.72E-04	1.38E-07	1.41E-07	9.31E-07	9.48E-07	2.87E-07	2.83E-07	2.7441E-04
606867.8	4201308.22	90584.55627	0.02633	0.02643	0.10761	0.10976	0.08555	0.08448	2.52E-04	1.48E-07	1.51E-07	9.82E-07	9.97E-07	2.80E-07	2.76E-07	2.5526E-04
606887.8	4201308.22	84418.49051	0.02781	0.02794	0.11314	0.11546	0.08333	0.08228	2.35E-04	1.56E-07	1.59E-07	1.03E-06	1.05E-06	2.73E-07	2.69E-07	2.3818E-04
606907.8	4201308.22	78861.66545	0.02949	0.02962	0.11924	0.1218	0.08118	0.08015	2.20E-04	1.66E-07	1.69E-07	1.09E-06	1.11E-06	2.65E-07	2.62E-07	2.2282E-04
606927.8	4201308.22	73854.74343	0.03131	0.0314	0.1262	0.12906	0.0791	0.07809	2.06E-04	1.76E-07	1.79E-07	1.15E-06	1.17E-06	2.59E-07	2.55E-07	2.0900E-04
606947.8	4201308.22	69308.91965	0.03336	0.03342	0.13407	0.13732	0.07708	0.07609	1.93E-04	1.88E-07	1.90E-07	1.22E-06	1.25E-06	2.52E-07	2.48E-07	1.9649E-04
606967.8	4201308.22	65206.26464	0.03558	0.03561	0.14273	0.14635	0.07514	0.07416	1.82E-04	2.00E-07	2.03E-07	1.30E-06	1.33E-06	2.46E-07	2.42E-07	1.8523E-04
606987.8	4201308.22	61441.90041	0.03814	0.03815	0.15277	0.15694	0.07325	0.07229	1.71E-04	2.15E-07	2.17E-07	1.39E-06	1.43E-06	2.40E-07	2.36E-07	1.7494E-04
607007.8	4201308.22	58011.76285	0.04095	0.04094	0.16423	0.16903	0.07142	0.07048	1.62E-04	2.30E-07	2.33E-07	1.50E-06	1.54E-06	2.34E-07	2.30E-07	1.6562E-04
607027.8	4201308.22	54877.04257	0.04399	0.04401	0.17722	0.18282	0.06966	0.06873	1.53E-04	2.47E-07	2.51E-07	1.62E-06	1.66E-06	2.28E-07	2.24E-07	1.5715E-04
607047.8	4201308.22	52012.00991	0.04718	0.04728	0.19205	0.19855	0.06796	0.06705	1.45E-04	2.65E-07	2.69E-07	1.75E-06	1.80E-06	2.22E-07	2.19E-07	1.4947E-04
607067.8	4201308.22	49364.35522	0.05063	0.0509	0.20959	0.21719	0.06631	0.06542	1.38E-04	2.85E-07	2.90E-07	1.91E-06	1.97E-06	2.17E-07	2.14E-07	1.4245E-04
607087.8	4201308.22	46925.28309	0.05421	0.05474	0.2301	0.23926	0.06471	0.06384	1.31E-04	3.05E-07	3.12E-07	2.10E-06	2.17E-06	2.12E-07	2.08E-07	1.3607E-04
607107.8	4201308.22	44661.53223	0.05798	0.05888	0.25498	0.2661	0.06316	0.06231	1.24E-04	3.26E-07	3.35E-07	2.33E-06	2.42E-06	2.07E-07	2.03E-07	1.3027E-04
607127.8	4201308.22	42571.32868	0.06171	0.06311	0.2848	0.29851	0.06166	0.06083	1.19E-04	3.47E-07	3.60E-07	2.60E-06	2.71E-06	2.02E-07	1.99E-07	1.2505E-04
607147.8	4201308.22	40623.32467	0.06559	0.06759	0.32225	0.33948	0.06021	0.0594	1.13E-04	3.69E-07	3.85E-07	2.94E-06	3.08E-06	1.97E-07	1.94E-07	1.2037E-04
607167.8	4201308.22	38813.1936	0.06957	0.07219	0.36946	0.3914	0.0588	0.05801	1.08E-04	3.91E-07	4.11E-07	3.37E-06	3.56E-06	1.92E-07	1.89E-07	1.1627E-04
607187.8	4201308.22	37143.0451	0.07334	0.07647	0.42761	0.4563	0.05745	0.05668	1.04E-04	4.12E-07	4.36E-07	3.90E-06	4.15E-06	1.88E-07	1.85E-07	1.1277E-04
607207.8	4201308.22	35579.20924	0.07769	0.0812	0.50504	0.54345	0.05614	0.05538	9.91E-05	4.37E-07	4.63E-07	4.61E-06	4.94E-06	1.84E-07	1.81E-07	1.0995E-04
607227.8	4201308.22	34109.75778	0.08284	0.08675	0.61169	0.66554	0.05487	0.05413	9.51E-05	4.66E-07	4.94E-07	5.58E-06	6.05E-06	1.79E-07	1.77E-07	1.0799E-04
607247.8	4201308.22	32738.21264	0.08878	0.09309	0.76579	0.84623	0.05364	0.05291	9.12E-05	4.99E-07	5.30E-07	6.99E-06	7.69E-06	1.75E-07	1.73E-07	1.0728E-04
607267.8	4201308.22	31455.93682	0.09557	0.10049	1.00584	1.13766	0.05245	0.05174	8.77E-05	5.37E-07	5.73E-07	9.17E-06	1.03E-05	1.72E-07	1.69E-07	1.0862E-04
607287.8	4201308.22	30251.50354	0.10327	0.10905	1.42235	1.67258	0.0513	0.0506	8.43E-05	5.81E-07	6.21E-07	1.30E-05	1.52E-05	1.68E-07	1.65E-07	1.1400E-04
607307.8	4201308.22	29119.68279	0.11189	0.11877	2.26925	2.85812	0.05018	0.04951	8.11E-05	6.29E-07	6.77E-07	2.07E-05	2.60E-05	1.64E-07	1.62E-07	1.2944E-04
606527.8	4201328.22	655173.5912	0.01245	0.01257	0.0557	0.05649	0.142	0.14062	1.83E-03	7.00E-08	7.16E-08	5.08E-07	5.13E-07	4.64E-07	4.59E-07	1.8278E-03
606547.8	4201328.22	562903.5672	0.01289	0.01302	0.05746	0.05829	0.13768	0.13631	1.57E-03	7.25E-08	7.42E-08	5.24E-07	5.30E-07	4.50E-07	4.45E-07	1.5707E-03
606567.8	4201328.22	450273.8847	0.01339	0.01352	0.05938	0.06026	0.13355	0.13215	1.25E-03	7.53E-08	7.70E-08	5.42E-07	5.47E-07	4.37E-07	4.31E-07	1.2569E-03
606587.8	4201328.22	373929.6396	0.01394	0.01407	0.06147	0.06239	0.12955	0.12815	1.04E-03	7.84E-08	8.02E-08	5.61E-07	5.67E-07	4.24E-07	4.18E-07	1.0441E-03
606607.8	4201328.22	318489.2294	0.01451	0.01464	0.06362	0.06459	0.12569	0.1243	8.88E-04	8.16E-08	8.34E-08	5.80E-07	5.87E-07	4.11E-07	4.06E-07	8.8967E-04
606627.8	4201328.22	276391.6826	0.01506	0.01519	0.06577	0.0668	0.122	0.12061	7.70E-04	8.47E-08	8.65E-08	6.00E-07	6.07E-07	3.99E-07	3.94E-07	7.7238E-04
606647.8	4201328.22	243198.35	0.0156	0.01572	0.06794	0.06904	0.11846	0.11709	6.78E-04	8.77E-08	8.96E-08	6.20E-07	6.27E-07	3.87E-07	3.82E-07	6.7990E-04
606667.8	4201328.22	215938.5703	0.01617	0.01629	0.07025	0.07142	0.11506	0.1137	6.02E-04	9.09E-08	9.28E-08	6.41E-07	6.49E-07	3.76E-07	3.71E-07	6.0397E-04
606687.8	4201328.22	193165.7938	0.01677	0.01689	0.07273	0.07398	0.11178	0.11044	5.38E-04	9.43E-08	9.62E-08	6.63E-07	6.72E-07	3.66E-07	3.60E-07	5.4054E-04
606707.8	4201328.22	173992.3752	0.01741	0.01752	0.07533	0.07667	0.10863	0.1073	4.85E-04	9.79E-08	9.98E-08	6.87E-07	6.96E-07	3.55E-07	3.50E-07	4.8714E-04
606727.8	4201328.22	157402.6156	0.01816	0.01826	0.0783	0.07974	0.10555	0.10424	4.39E-04	1.02E-07	1.04E-07	7.14E-07	7.24E-07	3.45E-07	3.40E-07	4.4096E-04
606747.8	4201328.22	143136.2774	0.01897	0.01907	0.08151	0.08304	0.10259	0.1013	3.99E-04	1.07E-07	1.09E-07	7.43E-07	7.54E-07	3.36E-07	3.31E-07	4.0125E-04
606767.8	4201328.22	130733.0054	0.01987	0.01997	0.08504	0.08666	0.09972	0.09845	3.64E-04	1.12E-07	1.14E-07	7.76E-07	7.87E-07	3.26E-07	3.21E-07	3.6674E-04
606787.8	4201328.22	119976.2222	0.0208	0.02089	0.08873	0.09046	0.09696	0.09571	3.34E-04	1.17E-07	1.19E-07	8.09E-07	8.22E-07	3.17E-07	3.12E-07	3.3683E-04
606807.8	4201328.22	110556.9601	0.02179	0.02187	0.09265	0.09448	0.09431	0.09308	3.08E-04	1.23E-07	1.25E-07	8.45E-07	8.58E-07	3.08E-07	3.04E-07	3.1065E-04
606827.8	4201328.22	102206.7558	0.02288	0.02295	0.09694	0.09893	0.09174	0.09053	2.85E-04	1.29E-07	1.31E-07	8.84E-07	8.99E-07	3.00E-07	2.95E-07	2.8745E-04
606847.8	4201328.22	94776.44387	0.02411	0.02417	0.10191	0.10429	0.08926	0.08807	2.64E-04	1.36E-07	1.38E-07	9.30E-07	9.47E-07	2.92E-07	2.87E-07	2.6684E-04
606867.8	4201328.22	88147.2677	0.02571	0.02574	0.10746	0.10968	0.08686	0.08569	2.46E-04	1.45E-07	1.47E-07	9.80E-07	9.96E-07	2.84E-07	2.80E-07	2.4847E-04
606887.8	4201328.22	82201.91927	0.0272	0.02727	0.11306	0.11544	0.08454	0.08339	2.29E-04	1.53E-07	1.55E-07	1.03E-06	1.05E-06	2.76E-07	2.72E-07	2.3201E-04
606907.8	4201328.22	76864.52462	0.02883	0.02886	0.11913	0.12173	0.0823	0.08118	2.14E-04	1.62E-07	1.64E-07	1.09E-06	1.11E-06	2.69E-07	2.65E-07	2.1725E-04
606927.8	4201328.22	72037.07619	0.03061	0.03061	0.12598	0.12886	0.08014	0.07904	2.01E-04	1.72E-07	1.74E-07	1.15E-06	1.17E-06	2.62E-07	2.58E-07	2.0393E-04
606947.8	4201328.22	67657.19562	0.0326	0.03258	0.13377	0.137	0.07804	0.07696	1.89E-04	1.83E-07	1.86E-07	1.22E-06	1.24E-06	2.55E-07	2.51E-07	1.9188E-04
606967.8	4201328.22	63677.18159	0.0348	0.03475	0.14243	0.14612	0.07602	0.07496	1.77E-04	1.96E-07	1.98E-07	1.30E-06	1.33E-06	2.49E-07	2.45E-07	1.8096E-04
606987.8	4201328.22	60051.72812	0.03721	0.03716	0.15239	0.15657	0.07406	0.07303	1.67E-04	2.09E-07	2.12E-07	1.39E-06	1.42E-06	2.42E-07	2.38E-07	1.7106E-04
607007.8	4201328.22	56729.36403	0.03988	0.03984	0.16379	0.16859	0.07217	0.07116	1.58E-04	2.24E-07	2.27E-07	1.49E-06	1.53E-06	2.36E-07	2.32E-07	1.6203E-04
607027.8	4201328.22	53685.69465	0.04275	0.04277	0.17685	0.18242	0.07034	0.06935	1.50E-04	2.40E-07	2.44E-07	1.61E-06	1.66E-06	2.30E-07	2.26E-07	1.5381E-04
607047.8	4201328.22	50916.4292	0.04563	0.04577	0.19152	0.19799	0.06859	0.06762	1.42E-04	2.57E-07	2.61E-07	1.75E-06	1.80E-06	2.24E-07	2.21E-07	1.4639E-04
607067.8	4201328.22	48349.50463	0.04871	0.04906	0.20906	0.21661	0.06688	0.06594	1.35E-04	2.74E-07	2.80E-07	1.91E-06	1.97E-06	2.19E-07	2.15E-07	1.3960E-04
607087.8	4201328.22	45969.85203	0.05195	0.0526	0.23008	0.23923	0.06523	0.06431	1.28E-04	2.92E-07	3.00E-07	2.10E-06	2.17E-06	2.13E-07	2.10E-07	1.3339E-04
607107.8	4201328.22	43772.85563	0.05518	0.05623	0.25517	0.2664	0.06363	0.06273	1.22E-04	3.10E-07	3.20E-07	2.33E-06	2.42E-06	2.08E-07	2.05E-07	1.2777E-04
607127.8	4201328.22	41729.43169	0.05852	0.06006	0.28624	0.30028	0.06208	0.0612	1.16E-04	3.29E-07	3.42E-07	2.61E-06	2.73E-06	2.03E-07	2.00E-07	1.2270E-04
607147.8	4201328.22	39832.40274	0.06182	0.06393	0.32419	0.34159	0.06058	0.05973	1.11E-04	3.48E-07	3.64E-07	2.96E-06	3.10E-06	1.98E-07	1.95E-07	1.1816E-04
607167.8	4201328.22	38071.81146	0.06493	0.06751	0.37016	0.39253	0.05914	0.0583	1.06E-04	3.65E-07	3.85E-07	3.38E-06	3.57E-06	1.93E-07	1.90E-07	1.1417E-04
607187.8	4201328.22	36452.23187	0.06815	0.07106	0.42831	0.45782	0.05776	0.05694	1.02E-04	3.83E-07	4.05E-07	3.91E-06	4.16E-06	1.89E-07	1.86E-07	1.1081E-04
607207.8	4201328.22	34939.88972	0.07184	0.07496	0.50495	0.5451	0.05642	0.05563	9.74E-05	4.04E-07	4.27E-07	4.61E-06	4.95E-06	1.85E-07	1.82E-07	1.0812E-04
607227.8	4201328.22	33515.65311	0.07625	0.07957	0.61066	0.66734	0.05513	0.05435	9.34E-05	4.29E-07	4.53E-07	5.57E-06	6.06E-06	1.80E-07	1.77E-07	1.0627E-04
607247.8	4201328.22	32182.95743	0.08136	0.08502	0.76392	0.84844	0.05387	0.05312	8.97E-05	4.58E-07	4.84E-07	6.97E-06	7.71E-06	1.76E-07	1.73E-07	1.0565E-04
607267.8	4201328.22	30933.65852	0.08714	0.09133	1.00369	1.14056	0.05266	0.05192	8.62E-05	4.90E-07	5.20E-07	9.16E-06	1.04E-05	1.72E-07	1.69E-07	1.0707E-04
607287.8	4201328.22	29766.31057	0.0936	0.09844	1.42281	1.67688	0.05149	0.05077	8.29E-05	5.26E-07	5.61E-07	1.30E-05	1.52E-05	1.68E-07	1.66E-07	1.1258E-04
607307.8	4201328.22	28662.95871	0.10081	0.1065	2.28533	2.86435	0.05035	0.04965	7.99E-05	5.67E-07	6.07E-07	2.08E-05	2.60E-05	1.65E-07	1.62E-07	1.2824E-04
606527.8	4201348.22	636453.3432	0.01219	0.0123	0.05583	0.05664	0.14657	0.1449	1.77E-03	6.86E-08	7.01E-08	5.09E-07	5.15E-07	4.79E-07	4.73E-07	1.7757E-03
606547.8	4201348.22	543958.8099	0.01269	0.0128	0.05776	0.05861	0.1419	0.14022	1.52E-03	7.14E-08	7.29E-08	5.27E-07	5.32E-07	4.64E-07	4.58E-07	1.5180E-03
606567.8	4201348.22	431197.5593	0.01325	0.01336	0.05986	0.06075	0.13739	0.13574	1.20E-03	7.45E-08	7.61E-08	5.46E-07	5.52E-07	4.49E-07	4.43E-07	1.2037E-03
606587.8	4201348.22	356431.5656	0.01381	0.01392	0.06196	0.0629	0.13307	0.13143	9.93E-04	7.77E-08	7.93E-08	5.65E-07	5.71E-07	4.35E-07	4.29E-07	9.9541E-04
606607.8	4201348.22	302842.6105	0.01438	0.01449	0.0641	0.06509	0.12892	0.12731	8.44E-04	8.09E-08	8.26E-08	5.85E-07	5.91E-07	4.22E-07	4.16E-07	8.4609E-04
606627.8	4201348.22	262818.2522	0.01492	0.01502	0.06622	0.06728	0.12499	0.1234	7.32E-04	8.39E-08	8.56E-08	6.04E-07	6.11E-07	4.09E-07	4.03E-07	7.3458E-04
606647.8	4201348.22	231433.6504	0.01544	0.01555	0.06837	0.06949	0.12124	0.11967	6.45E-04	8.68E-08	8.86E-08	6.24E-07	6.31E-07	3.96E-07	3.91E-07	6.4714E-04
606667.8	4201348.22	205800.1365	0.016	0.0161	0.07065	0.07185	0.11764	0.11609	5.73E-04	9.00E-08	9.17E-08	6.44E-07	6.53E-07	3.85E-07	3.79E-07	5.7574E-04
606687.8	4201348.22	184409.8655	0.0166	0.01669	0.0731	0.07438	0.11416	0.11264	5.14E-04	9.34E-08	9.51E-08	6.67E-07	6.76E-07	3.73E-07	3.68E-07	5.1616E-04
606707.8	4201348.22	166501.2083	0.0172	0.01728	0.07563	0.07699	0.11084	0.10935	4.64E-04	9.67E-08	9.85E-08	6.90E-07	6.99E-07	3.62E-07	3.57E-07	4.6629E-04
606727.8	4201348.22	151101.3024	0.01787	0.01794	0.07838	0.07984	0.10763	0.10617	4.21E-04	1.01E-07	1.02E-07	7.15E-07	7.25E-07	3.52E-07	3.47E-07	4.2341E-04
606747.8	4201348.22	137749.8139	0.01861	0.01868	0.08142	0.08298	0.10453	0.10309	3.84E-04	1.05E-07	1.06E-07	7.43E-07	7.54E-07	3.42E-07	3.36E-07	3.8625E-04
606767.8	4201348.22	125982.0162	0.0195	0.01957	0.08494	0.0866	0.10151	0.1001	3.51E-04	1.10E-07	1.12E-07	7.75E-07	7.87E-07	3.32E-07	3.27E-07	3.5351E-04
606787.8	4201348.22	115751.0602	0.02044	0.02049	0.08867	0.09043	0.09861	0.09723	3.23E-04	1.15E-07	1.17E-07	8.09E-07	8.21E-07	3.22E-07	3.17E-07	3.2506E-04
606807.8	4201348.22	106741.5888	0.02149	0.02153	0.09296	0.0951	0.09581	0.09446	2.97E-04	1.21E-07	1.23E-07	8.48E-07	8.64E-07	3.13E-07	3.08E-07	3.0003E-04
606827.8	4201348.22	98853.97541	0.02253	0.02256	0.09714	0.09941	0.09314	0.09181	2.75E-04	1.27E-07	1.29E-07	8.86E-07	9.03E-07	3.05E-07	3.00E-07	2.7812E-04
606847.8	4201348.22	91819.59774	0.02384	0.02371	0.1018	0.1042	0.09055	0.08926	2.56E-04	1.34E-07	1.35E-07	9.29E-07	9.47E-07	2.96E-07	2.91E-07	2.5860E-04
606867.8	4201348.22	85503.10441	0.02522	0.02522	0.10725	0.1095	0.08805	0.08678	2.38E-04	1.42E-07	1.44E-07	9.78E-07	9.95E-07	2.88E-07	2.83E-07	2.4110E-04
606887.8	4201348.22	79832.26217	0.02666	0.02666	0.11285	0.11528	0.08564	0.0844	2.22E-04	1.50E-07	1.52E-07	1.03E-06	1.05E-06	2.80E-07	2.75E-07	2.2540E-04
606907.8	4201348.22	74730.7938	0.02825	0.02822	0.11889	0.12153	0.08332	0.08211	2.08E-04	1.59E-07	1.61E-07	1.08E-06	1.10E-06	2.72E-07	2.68E-07	2.1130E-04
606927.8	4201348.22	70107.74652	0.03	0.02994	0.12572	0.12863	0.08107	0.07989	1.95E-04	1.69E-07	1.71E-07	1.15E-06	1.17E-06	2.65E-07	2.61E-07	1.9855E-04
606947.8	4201348.22	65913.5244	0.03192	0.03183	0.13336	0.1366	0.07891	0.07775	1.84E-04	1.80E-07	1.81E-07	1.22E-06	1.24E-06	2.58E-07	2.54E-07	1.8701E-04
606967.8	4201348.22	62090.31938	0.03403	0.03394	0.14196	0.14567	0.07681	0.07569	1.73E-04	1.91E-07	1.93E-07	1.29E-06	1.32E-06	2.51E-07	2.47E-07	1.7653E-04
606987.8	4201348.22	58608.37755	0.0363	0.03622	0.15161	0.15573	0.0748	0.0737	1.63E-04	2.04E-07	2.06E-07	1.38E-06	1.41E-06	2.45E-07	2.41E-07	1.6701E-04
607007.8	4201348.22	55412.18047	0.03876	0.03873	0.16282	0.16757	0.07284	0.07177	1.54E-04	2.18E-07	2.21E-07	1.49E-06	1.52E-06	2.38E-07	2.34E-07	1.5833E-04
607027.8	4201348.22	52453.57737	0.04148	0.04154	0.17606	0.18158	0.07094	0.0699	1.46E-04	2.33E-07	2.37E-07	1.61E-06	1.65E-06	2.32E-07	2.28E-07	1.5036E-04
607047.8	4201348.22	49766.37283	0.04414	0.04437	0.19085	0.19724	0.06913	0.06811	1.39E-04	2.48E-07	2.53E-07	1.74E-06	1.79E-06	2.26E-07	2.22E-07	1.4316E-04
607067.8	4201348.22	47267.37395	0.04699	0.04746	0.20884	0.21633	0.06736	0.06637	1.32E-04	2.64E-07	2.70E-07	1.90E-06	1.97E-06	2.20E-07	2.17E-07	1.3656E-04
607087.8	4201348.22	44966.06192	0.04982	0.05061	0.23002	0.23917	0.06566	0.0647	1.25E-04	2.80E-07	2.88E-07	2.10E-06	2.17E-06	2.15E-07	2.11E-07	1.3057E-04
607107.8	4201348.22	42837.30288	0.05263	0.05382	0.25556	0.26683	0.06402	0.06308	1.19E-04	2.96E-07	3.07E-07	2.33E-06	2.42E-06	2.09E-07	2.06E-07	1.2515E-04
607127.8	4201348.22	40852.02152	0.05542	0.05709	0.28654	0.30036	0.06243	0.06151	1.14E-04	3.12E-07	3.25E-07	2.61E-06	2.73E-06	2.04E-07	2.01E-07	1.2022E-04
607147.8	4201348.22	39019.74898	0.05793	0.06	0.32315	0.34048	0.0609	0.06	1.09E-04	3.26E-07	3.42E-07	2.95E-06	3.09E-06	1.99E-07	1.96E-07	1.1584E-04
607167.8	4201348.22	37319.05078	0.06049	0.06286	0.36845	0.3908	0.05942	0.05855	1.04E-04	3.40E-07	3.58E-07	3.36E-06	3.55E-06	1.94E-07	1.91E-07	1.1199E-04
607187.8	4201348.22	35744.06387	0.06332	0.06588	0.42602	0.45569	0.05801	0.05716	9.96E-05	3.56E-07	3.75E-07	3.89E-06	4.14E-06	1.90E-07	1.87E-07	1.0874E-04
607207.8	4201348.22	34280.84514	0.0666	0.06928	0.5016	0.54242	0.05665	0.05583	9.55E-05	3.75E-07	3.95E-07	4.58E-06	4.93E-06	1.85E-07	1.82E-07	1.0617E-04
607227.8	4201348.22	32904.57321	0.07048	0.07331	0.60518	0.66373	0.05533	0.05453	9.17E-05	3.96E-07	4.18E-07	5.52E-06	6.03E-06	1.81E-07	1.78E-07	1.0442E-04
607247.8	4201348.22	31610.29057	0.07492	0.07805	0.75487	0.84369	0.05406	0.05327	8.81E-05	4.21E-07	4.45E-07	6.89E-06	7.66E-06	1.77E-07	1.74E-07	1.0385E-04
607267.8	4201348.22	30399.03391	0.07989	0.08345	0.98814	1.13428	0.05282	0.05206	8.47E-05	4.49E-07	4.75E-07	9.01E-06	1.03E-05	1.73E-07	1.70E-07	1.0530E-04
607287.8	4201348.22	29266.53308	0.08538	0.08949	1.39543	1.6688	0.05164	0.05089	8.16E-05	4.80E-07	5.10E-07	1.27E-05	1.52E-05	1.69E-07	1.66E-07	1.1077E-04
607307.8	4201348.22	28194.29685	0.09148	0.09625	2.23712	2.85457	0.05048	0.04976	7.86E-05	5.14E-07	5.48E-07	2.04E-05	2.59E-05	1.65E-07	1.62E-07	1.2629E-04
606527.8	4201368.22	605870.061	0.01208	0.01217	0.0563	0.05714	0.15086	0.14887	1.69E-03	6.79E-08	6.93E-08	5.14E-07	5.19E-07	4.93E-07	4.86E-07	1.6905E-03
606547.8	4201368.22	514296.9013	0.01266	0.01275	0.05846	0.05933	0.14578	0.14383	1.43E-03	7.12E-08	7.26E-08	5.33E-07	5.39E-07	4.77E-07	4.69E-07	1.4353E-03
606567.8	4201368.22	405000.1809	0.0132	0.01329	0.06049	0.0614	0.14094	0.13902	1.13E-03	7.42E-08	7.57E-08	5.52E-07	5.58E-07	4.61E-07	4.54E-07	1.1308E-03
606587.8	4201368.22	334137.7546	0.01372	0.01381	0.06246	0.06349	0.13635	0.13448	9.31E-04	7.72E-08	7.87E-08	5.70E-07	5.77E-07	4.46E-07	4.39E-07	9.3331E-04
606607.8	4201368.22	284099.9993	0.01451	0.01458	0.06489	0.06589	0.13198	0.13014	7.92E-04	8.16E-08	8.31E-08	5.92E-07	5.99E-07	4.32E-07	4.25E-07	7.9390E-04
606627.8	4201368.22	246455.2335	0.01517	0.01528	0.0671	0.06816	0.12778	0.12598	6.87E-04	8.53E-08	8.71E-08	6.12E-07	6.19E-07	4.18E-07	4.11E-07	6.8902E-04
606647.8	4201368.22	217322.43	0.01573	0.01584	0.06932	0.07044	0.1238	0.12203	6.06E-04	8.85E-08	9.02E-08	6.32E-07	6.40E-07	4.05E-07	3.98E-07	6.0786E-04
606667.8	4201368.22	193941.1709	0.01626	0.01636	0.0716	0.07279	0.12	0.11827	5.40E-04	9.14E-08	9.32E-08	6.53E-07	6.61E-07	3.92E-07	3.86E-07	5.4272E-04
606687.8	4201368.22	174489.4571	0.01678	0.01687	0.074	0.07529	0.11637	0.11467	4.86E-04	9.44E-08	9.61E-08	6.75E-07	6.84E-07	3.81E-07	3.74E-07	4.8855E-04
606707.8	4201368.22	158019.5579	0.01732	0.01735	0.07652	0.07789	0.11288	0.11122	4.40E-04	9.74E-08	9.89E-08	6.98E-07	7.08E-07	3.69E-07	3.63E-07	4.4268E-04
606727.8	4201368.22	144017.9858	0.01766	0.01771	0.07861	0.0801	0.10954	0.10792	4.01E-04	9.93E-08	1.01E-07	7.17E-07	7.28E-07	3.58E-07	3.52E-07	4.0368E-04
606747.8	4201368.22	131745.9317	0.01834	0.01838	0.08145	0.08304	0.10631	0.10473	3.67E-04	1.03E-07	1.05E-07	7.43E-07	7.54E-07	3.48E-07	3.42E-07	3.6953E-04
606767.8	4201368.22	120844.2622	0.01917	0.0192	0.0848	0.08649	0.10317	0.10163	3.37E-04	1.08E-07	1.09E-07	7.73E-07	7.86E-07	3.37E-07	3.32E-07	3.3920E-04
606787.8	4201368.22	111190.5108	0.02013	0.02015	0.08865	0.09056	0.10012	0.09861	3.10E-04	1.13E-07	1.15E-07	8.09E-07	8.23E-07	3.27E-07	3.22E-07	3.1236E-04
606807.8	4201368.22	102735.8312	0.02135	0.02131	0.09321	0.09512	0.0972	0.09573	2.86E-04	1.20E-07	1.21E-07	8.50E-07	8.64E-07	3.18E-07	3.12E-07	2.8888E-04
606827.8	4201368.22	95291.62813	0.02241	0.02241	0.09748	0.09948	0.09441	0.09297	2.66E-04	1.26E-07	1.28E-07	8.89E-07	9.04E-07	3.09E-07	3.03E-07	2.6820E-04
606847.8	4201368.22	88632.39426	0.02359	0.02359	0.10215	0.10429	0.09171	0.09031	2.47E-04	1.33E-07	1.34E-07	9.32E-07	9.47E-07	3.00E-07	2.95E-07	2.4973E-04
606867.8	4201368.22	82673.76341	0.02486	0.02485	0.10718	0.10946	0.08912	0.08776	2.30E-04	1.40E-07	1.42E-07	9.78E-07	9.94E-07	2.91E-07	2.86E-07	2.3321E-04
606887.8	4201368.22	77302.68357	0.02629	0.02624	0.11269	0.1151	0.08662	0.08529	2.15E-04	1.48E-07	1.50E-07	1.03E-06	1.05E-06	2.83E-07	2.78E-07	2.1835E-04
606907.8	4201368.22	72459.71505	0.02782	0.02774	0.11872	0.12139	0.08422	0.08292	2.02E-04	1.56E-07	1.58E-07	1.08E-06	1.10E-06	2.75E-07	2.71E-07	2.0497E-04
606927.8	4201368.22	68068.30583	0.02951	0.02941	0.12543	0.12837	0.0819	0.08064	1.90E-04	1.66E-07	1.68E-07	1.14E-06	1.17E-06	2.68E-07	2.63E-07	1.9286E-04
606947.8	4201368.22	64074.94469	0.03135	0.03123	0.13292	0.13624	0.07967	0.07844	1.79E-04	1.76E-07	1.78E-07	1.21E-06	1.24E-06	2.61E-07	2.56E-07	1.8188E-04
606967.8	4201368.22	60446.64002	0.0333	0.03319	0.14127	0.1449	0.07752	0.07633	1.68E-04	1.87E-07	1.89E-07	1.29E-06	1.32E-06	2.54E-07	2.49E-07	1.7193E-04
606987.8	4201368.22	57103.03769	0.03545	0.03537	0.1508	0.1549	0.07544	0.07428	1.59E-04	1.99E-07	2.02E-07	1.38E-06	1.41E-06	2.47E-07	2.42E-07	1.6280E-04
607007.8	4201368.22	54044.69133	0.03768	0.03768	0.1617	0.1664	0.07344	0.0723	1.51E-04	2.12E-07	2.15E-07	1.47E-06	1.51E-06	2.40E-07	2.36E-07	1.5449E-04
607027.8	4201368.22	51180.83661	0.04022	0.04035	0.17508	0.18056	0.07147	0.07037	1.43E-04	2.26E-07	2.30E-07	1.60E-06	1.64E-06	2.34E-07	2.30E-07	1.4678E-04
607047.8	4201368.22	48568.61481	0.04271	0.04305	0.19026	0.19646	0.06959	0.06852	1.35E-04	2.40E-07	2.45E-07	1.74E-06	1.78E-06	2.28E-07	2.24E-07	1.3980E-04
607067.8	4201368.22	46138.45194	0.04538	0.04598	0.20882	0.21635	0.06776	0.06672	1.29E-04	2.55E-07	2.62E-07	1.90E-06	1.97E-06	2.22E-07	2.18E-07	1.3340E-04
607087.8	4201368.22	43909.59305	0.04793	0.04888	0.23061	0.23957	0.06601	0.06499	1.22E-04	2.70E-07	2.78E-07	2.10E-06	2.18E-06	2.16E-07	2.12E-07	1.2762E-04
607107.8	4201368.22	41868.24795	0.0501	0.05142	0.25515	0.26604	0.06434	0.06335	1.17E-04	2.82E-07	2.93E-07	2.33E-06	2.42E-06	2.10E-07	2.07E-07	1.2241E-04
607127.8	4201368.22	39969.08991	0.05219	0.05385	0.28474	0.29812	0.06272	0.06176	1.11E-04	2.94E-07	3.07E-07	2.60E-06	2.71E-06	2.05E-07	2.02E-07	1.1769E-04
607147.8	4201368.22	38196.1238	0.05427	0.05622	0.3208	0.33757	0.06116	0.06022	1.06E-04	3.05E-07	3.20E-07	2.93E-06	3.07E-06	2.00E-07	1.97E-07	1.1345E-04
607167.8	4201368.22	36548.29333	0.05649	0.05862	0.36534	0.38689	0.05965	0.05874	1.02E-04	3.18E-07	3.34E-07	3.33E-06	3.51E-06	1.95E-07	1.92E-07	1.0973E-04
607187.8	4201368.22	35016.36057	0.05901	0.06122	0.42179	0.45036	0.0582	0.05732	9.76E-05	3.32E-07	3.49E-07	3.85E-06	4.09E-06	1.90E-07	1.87E-07	1.0658E-04
607207.8	4201368.22	33598.93868	0.06198	0.06426	0.49573	0.53516	0.05682	0.05596	9.36E-05	3.49E-07	3.66E-07	4.52E-06	4.86E-06	1.86E-07	1.83E-07	1.0410E-04
607227.8	4201368.22	32273.54167	0.06542	0.06785	0.59648	0.65371	0.05549	0.05465	8.99E-05	3.68E-07	3.87E-07	5.44E-06	5.94E-06	1.81E-07	1.78E-07	1.0243E-04
607247.8	4201368.22	31023.94585	0.06931	0.07201	0.74095	0.82928	0.05419	0.05338	8.65E-05	3.90E-07	4.10E-07	6.76E-06	7.53E-06	1.77E-07	1.74E-07	1.0190E-04
607267.8	4201368.22	29848.48575	0.07362	0.07669	0.9635	1.11208	0.05294	0.05215	8.32E-05	4.14E-07	4.37E-07	8.79E-06	1.01E-05	1.73E-07	1.70E-07	1.0326E-04
607287.8	4201368.22	28751.74729	0.07836	0.08185	1.34641	1.6324	0.05174	0.05097	8.01E-05	4.41E-07	4.66E-07	1.23E-05	1.48E-05	1.69E-07	1.66E-07	1.0847E-04
607307.8	4201368.22	27715.23389	0.08355	0.08758	2.11922	2.78616	0.05057	0.04983	7.72E-05	4.70E-07	4.99E-07	1.93E-05	2.53E-05	1.65E-07	1.63E-07	1.2317E-04
606527.8	4201388.22	556952.0625	0.01228	0.01236	0.05756	0.05847	0.15458	0.15231	1.55E-03	6.91E-08	7.04E-08	5.25E-07	5.31E-07	5.06E-07	4.97E-07	1.5542E-03
606547.8	4201388.22	472306.6693	0.01311	0.01319	0.05979	0.06067	0.14921	0.14699	1.32E-03	7.37E-08	7.52E-08	5.45E-07	5.51E-07	4.88E-07	4.80E-07	1.3184E-03
606567.8	4201388.22	370143.5067	0.01359	0.01368	0.06162	0.06254	0.14415	0.14198	1.03E-03	7.64E-08	7.79E-08	5.62E-07	5.68E-07	4.71E-07	4.63E-07	1.0337E-03
606587.8	4201388.22	306166.4749	0.01403	0.01412	0.06342	0.06439	0.13938	0.13726	8.53E-04	7.89E-08	8.04E-08	5.78E-07	5.85E-07	4.56E-07	4.48E-07	8.5541E-04
606607.8	4201388.22	261949.5556	0.01448	0.01458	0.06533	0.06635	0.13482	0.13275	7.30E-04	8.14E-08	8.31E-08	5.96E-07	6.03E-07	4.41E-07	4.33E-07	7.3220E-04
606627.8	4201388.22	228685.513	0.01499	0.01509	0.06742	0.0685	0.13043	0.12841	6.37E-04	8.43E-08	8.60E-08	6.15E-07	6.22E-07	4.27E-07	4.19E-07	6.3952E-04
606647.8	4201388.22	202625.6443	0.01553	0.01562	0.06962	0.07077	0.12623	0.12427	5.65E-04	8.73E-08	8.90E-08	6.35E-07	6.43E-07	4.13E-07	4.06E-07	5.6692E-04
606667.8	4201388.22	181356.6715	0.01609	0.0162	0.07194	0.07317	0.12221	0.1203	5.05E-04	9.05E-08	9.23E-08	6.56E-07	6.65E-07	4.00E-07	3.93E-07	5.0767E-04
606687.8	4201388.22	163748.0865	0.01667	0.01677	0.07443	0.07575	0.11838	0.11652	4.56E-04	9.38E-08	9.55E-08	6.79E-07	6.88E-07	3.87E-07	3.80E-07	4.5863E-04
606707.8	4201388.22	148879.8512	0.01727	0.01736	0.07702	0.07843	0.11472	0.11291	4.15E-04	9.71E-08	9.89E-08	7.03E-07	7.12E-07	3.75E-07	3.69E-07	4.1723E-04
606727.8	4201388.22	136214.4719	0.01787	0.01794	0.07966	0.08117	0.11124	0.10947	3.80E-04	1.01E-07	1.02E-07	7.27E-07	7.37E-07	3.64E-07	3.57E-07	3.8197E-04
606747.8	4201388.22	125304.5588	0.01814	0.01816	0.08163	0.08325	0.10793	0.1062	3.49E-04	1.02E-07	1.03E-07	7.45E-07	7.56E-07	3.53E-07	3.47E-07	3.5159E-04
606767.8	4201388.22	115352.3905	0.01891	0.01892	0.0848	0.08653	0.10467	0.10299	3.21E-04	1.06E-07	1.08E-07	7.73E-07	7.86E-07	3.42E-07	3.36E-07	3.2390E-04
606787.8	4201388.22	106391.5923	0.02004	0.0199	0.08895	0.09096	0.10149	0.09986	2.96E-04	1.13E-07	1.13E-07	8.11E-07	8.26E-07	3.32E-07	3.26E-07	2.9900E-04
606807.8	4201388.22	98571.17554	0.02103	0.021	0.0931	0.09503	0.09847	0.09688	2.75E-04	1.18E-07	1.20E-07	8.49E-07	8.63E-07	3.22E-07	3.16E-07	2.7727E-04
606827.8	4201388.22	91595.90395	0.0221	0.02209	0.0974	0.09947	0.09556	0.09402	2.55E-04	1.24E-07	1.26E-07	8.88E-07	9.04E-07	3.13E-07	3.07E-07	2.5791E-04
606847.8	4201388.22	85341.53566	0.02329	0.02326	0.10211	0.10429	0.09276	0.09126	2.38E-04	1.31E-07	1.33E-07	9.31E-07	9.47E-07	3.03E-07	2.98E-07	2.4056E-04
606867.8	4201388.22	79720.39481	0.02458	0.02452	0.10718	0.1095	0.09006	0.08861	2.22E-04	1.38E-07	1.40E-07	9.78E-07	9.95E-07	2.95E-07	2.89E-07	2.2499E-04
606887.8	4201388.22	74666.14305	0.02596	0.02588	0.11265	0.11515	0.08748	0.08606	2.08E-04	1.46E-07	1.47E-07	1.03E-06	1.05E-06	2.86E-07	2.81E-07	2.1100E-04
606907.8	4201388.22	70091.34908	0.02747	0.02737	0.11865	0.12136	0.085	0.08362	1.95E-04	1.54E-07	1.56E-07	1.08E-06	1.10E-06	2.78E-07	2.73E-07	1.9837E-04
606927.8	4201388.22	65946.14027	0.0291	0.02897	0.12525	0.12822	0.08261	0.08128	1.84E-04	1.64E-07	1.65E-07	1.14E-06	1.16E-06	2.70E-07	2.65E-07	1.8694E-04
606947.8	4201388.22	62170.95664	0.03084	0.03071	0.13259	0.13588	0.08032	0.07902	1.73E-04	1.73E-07	1.75E-07	1.21E-06	1.23E-06	2.63E-07	2.58E-07	1.7656E-04
606967.8	4201388.22	58724.96047	0.03267	0.03257	0.14077	0.14442	0.07812	0.07686	1.64E-04	1.84E-07	1.86E-07	1.28E-06	1.31E-06	2.55E-07	2.51E-07	1.6712E-04
606987.8	4201388.22	55557.65255	0.0346	0.03456	0.15004	0.15418	0.076	0.07477	1.55E-04	1.95E-07	1.97E-07	1.37E-06	1.40E-06	2.49E-07	2.44E-07	1.5847E-04
607007.8	4201388.22	52622.22405	0.03667	0.03673	0.16076	0.16543	0.07393	0.07274	1.47E-04	2.06E-07	2.09E-07	1.47E-06	1.50E-06	2.42E-07	2.37E-07	1.5050E-04
607027.8	4201388.22	49818.35802	0.03919	0.03943	0.17495	0.18022	0.07187	0.07072	1.39E-04	2.20E-07	2.25E-07	1.60E-06	1.64E-06	2.35E-07	2.31E-07	1.4297E-04
607047.8	4201388.22	47302.02702	0.0415	0.04196	0.19046	0.19676	0.06994	0.06882	1.32E-04	2.33E-07	2.39E-07	1.74E-06	1.79E-06	2.29E-07	2.25E-07	1.3626E-04
607067.8	4201388.22	44971.93837	0.04377	0.04453	0.20885	0.21624	0.06807	0.06698	1.25E-04	2.46E-07	2.54E-07	1.90E-06	1.96E-06	2.23E-07	2.19E-07	1.3013E-04
607087.8	4201388.22	42842.56411	0.04567	0.04673	0.22939	0.23814	0.06629	0.06523	1.19E-04	2.57E-07	2.66E-07	2.09E-06	2.16E-06	2.17E-07	2.13E-07	1.2460E-04
607107.8	4201388.22	40884.71875	0.04744	0.04879	0.25342	0.26391	0.06459	0.06356	1.14E-04	2.67E-07	2.78E-07	2.31E-06	2.40E-06	2.11E-07	2.07E-07	1.1960E-04
607127.8	4201388.22	39063.07451	0.04915	0.05076	0.28227	0.29508	0.06295	0.06195	1.09E-04	2.76E-07	2.89E-07	2.57E-06	2.68E-06	2.06E-07	2.02E-07	1.1508E-04
607147.8	4201388.22	37358.89035	0.05092	0.05271	0.31748	0.33339	0.06136	0.06039	1.04E-04	2.86E-07	3.00E-07	2.90E-06	3.03E-06	2.01E-07	1.97E-07	1.1102E-04
607167.8	4201388.22	35768.72851	0.05288	0.05476	0.36096	0.38127	0.05983	0.05889	9.97E-05	2.97E-07	3.12E-07	3.29E-06	3.46E-06	1.96E-07	1.92E-07	1.0743E-04
607187.8	4201388.22	34286.60385	0.05517	0.05708	0.41595	0.44261	0.05835	0.05744	9.55E-05	3.10E-07	3.25E-07	3.79E-06	4.02E-06	1.91E-07	1.87E-07	1.0437E-04
607207.8	4201388.22	32902.93299	0.05789	0.05984	0.48758	0.52396	0.05693	0.05604	9.17E-05	3.26E-07	3.41E-07	4.45E-06	4.76E-06	1.86E-07	1.83E-07	1.0193E-04

607227.8	4201388.22	31626.20355	0.06096	0.06305	0.58509	0.63756	0.05558	0.05472	8.81E-05	3.43E-07	3.59E-07	5.34E-06	5.79E-06	1.82E-07	1.79E-07	1.0032E-04
607247.8	4201388.22	30419.35488	0.06439	0.06673	0.72364	0.80433	0.05427	0.05343	8.48E-05	3.62E-07	3.80E-07	6.60E-06	7.31E-06	1.77E-07	1.74E-07	9.9770E-05
607267.8	4201388.22	29289.55031	0.06816	0.07081	0.93522	1.07164	0.05301	0.0522	8.16E-05	3.83E-07	4.03E-07	8.53E-06	9.73E-06	1.73E-07	1.70E-07	1.0102E-04
607287.8	4201388.22	28232.55488	0.07226	0.07528	1.29256	1.55898	0.0518	0.05101	7.87E-05	4.06E-07	4.29E-07	1.18E-05	1.42E-05	1.69E-07	1.66E-07	1.0580E-04
607307.8	4201388.22	27226.0522	0.07677	0.08021	1.98836	2.62369	0.05062	0.04985	7.59E-05	4.32E-07	4.57E-07	1.81E-05	2.38E-05	1.66E-07	1.63E-07	1.1906E-04
606527.8	4201408.22	486292.5549	0.01272	0.01282	0.05872	0.05958	0.15797	0.15541	1.36E-03	7.15E-08	7.30E-08	5.36E-07	5.41E-07	5.17E-07	5.07E-07	1.3574E-03
606547.8	4201408.22	414923.4002	0.01308	0.01317	0.06031	0.06121	0.15251	0.15001	1.16E-03	7.36E-08	7.50E-08	5.50E-07	5.56E-07	4.99E-07	4.90E-07	1.1585E-03
606567.8	4201408.22	328622.651	0.01345	0.01355	0.06197	0.0629	0.14729	0.14487	9.16E-04	7.56E-08	7.72E-08	5.65E-07	5.71E-07	4.82E-07	4.73E-07	9.1800E-04
606587.8	4201408.22	275528.429	0.01383	0.01393	0.06369	0.06468	0.14231	0.13996	7.68E-04	7.78E-08	7.94E-08	5.81E-07	5.88E-07	4.65E-07	4.57E-07	7.7005E-04
606607.8	4201408.22	238121.0676	0.01428	0.01438	0.06561	0.06665	0.1375	0.13522	6.64E-04	8.03E-08	8.19E-08	5.98E-07	6.05E-07	4.50E-07	4.41E-07	6.6582E-04
606627.8	4201408.22	209639.0816	0.0148	0.01489	0.06771	0.06881	0.13288	0.13066	5.84E-04	8.32E-08	8.48E-08	6.18E-07	6.25E-07	4.35E-07	4.26E-07	5.8646E-04
606647.8	4201408.22	186966.2491	0.01534	0.01543	0.06994	0.07112	0.12845	0.1263	5.21E-04	8.63E-08	8.79E-08	6.38E-07	6.46E-07	4.20E-07	4.12E-07	5.2330E-04
606667.8	4201408.22	168630.59	0.01588	0.01596	0.07222	0.07348	0.12427	0.12218	4.70E-04	8.93E-08	9.09E-08	6.59E-07	6.67E-07	4.06E-07	3.99E-07	4.7223E-04
606687.8	4201408.22	153207.0258	0.01644	0.01651	0.07463	0.07598	0.12028	0.11825	4.27E-04	9.25E-08	9.41E-08	6.81E-07	6.90E-07	3.93E-07	3.86E-07	4.2927E-04
606707.8	4201408.22	139851.5947	0.01705	0.01712	0.07727	0.0787	0.11645	0.11447	3.90E-04	9.59E-08	9.75E-08	7.05E-07	7.15E-07	3.81E-07	3.74E-07	3.9209E-04
606727.8	4201408.22	128318.0193	0.01769	0.01776	0.08005	0.08159	0.11279	0.11087	3.58E-04	9.95E-08	1.01E-07	7.30E-07	7.41E-07	3.69E-07	3.62E-07	3.5998E-04
606747.8	4201408.22	118336.4028	0.01835	0.01839	0.08288	0.08454	0.10931	0.10745	3.30E-04	1.03E-07	1.05E-07	7.56E-07	7.68E-07	3.57E-07	3.51E-07	3.3220E-04
606767.8	4201408.22	109588.1918	0.01893	0.01889	0.08557	0.08732	0.10599	0.10418	3.05E-04	1.06E-07	1.08E-07	7.81E-07	7.93E-07	3.47E-07	3.40E-07	3.0786E-04
606787.8	4201408.22	101420.5313	0.01987	0.01988	0.08937	0.09126	0.10271	0.10095	2.83E-04	1.12E-07	1.13E-07	8.15E-07	8.29E-07	3.36E-07	3.30E-07	2.8516E-04
606807.8	4201408.22	94333.54176	0.0207	0.02063	0.09288	0.09486	0.09961	0.09791	2.63E-04	1.16E-07	1.18E-07	8.47E-07	8.62E-07	3.26E-07	3.20E-07	2.6546E-04
606827.8	4201408.22	87818.0295	0.02182	0.02178	0.09735	0.09944	0.09658	0.09493	2.45E-04	1.23E-07	1.24E-07	8.88E-07	9.03E-07	3.16E-07	3.10E-07	2.4738E-04
606847.8	4201408.22	81995.41642	0.023	0.02293	0.10203	0.10427	0.09369	0.09209	2.28E-04	1.29E-07	1.31E-07	9.31E-07	9.47E-07	3.06E-07	3.01E-07	2.3124E-04
606867.8	4201408.22	76748.77835	0.02426	0.02417	0.10706	0.10945	0.09091	0.08936	2.14E-04	1.36E-07	1.38E-07	9.77E-07	9.94E-07	2.97E-07	2.92E-07	2.1671E-04
606887.8	4201408.22	71999.71656	0.02565	0.02553	0.11255	0.11511	0.08824	0.08674	2.01E-04	1.44E-07	1.45E-07	1.03E-06	1.05E-06	2.89E-07	2.83E-07	2.0357E-04
606907.8	4201408.22	67700.87227	0.02712	0.02699	0.1185	0.12126	0.08568	0.08423	1.89E-04	1.53E-07	1.54E-07	1.08E-06	1.10E-06	2.80E-07	2.75E-07	1.9170E-04
606927.8	4201408.22	63735.41274	0.0288	0.02866	0.12524	0.1283	0.0832	0.08179	1.78E-04	1.62E-07	1.63E-07	1.14E-06	1.17E-06	2.72E-07	2.67E-07	1.8078E-04
606947.8	4201408.22	60173.82055	0.03046	0.03034	0.1325	0.13587	0.08085	0.07948	1.68E-04	1.71E-07	1.73E-07	1.21E-06	1.23E-06	2.64E-07	2.59E-07	1.7099E-04
606967.8	4201408.22	56909.87671	0.03218	0.03212	0.14063	0.14437	0.07859	0.07726	1.59E-04	1.81E-07	1.83E-07	1.28E-06	1.31E-06	2.57E-07	2.52E-07	1.6206E-04
606987.8	4201408.22	53900.37343	0.03398	0.034	0.14995	0.15406	0.07641	0.07512	1.50E-04	1.91E-07	1.94E-07	1.37E-06	1.40E-06	2.50E-07	2.45E-07	1.5385E-04
607007.8	4201408.22	51026.72656	0.03614	0.0363	0.16177	0.16638	0.07424	0.073	1.42E-04	2.03E-07	2.07E-07	1.48E-06	1.51E-06	2.43E-07	2.38E-07	1.4607E-04
607027.8	4201408.22	48328.51196	0.03848	0.03886	0.17636	0.18183	0.07212	0.07092	1.35E-04	2.16E-07	2.21E-07	1.61E-06	1.65E-06	2.36E-07	2.31E-07	1.3884E-04
607047.8	4201408.22	45954.99842	0.04024	0.04083	0.19111	0.19737	0.07016	0.069	1.28E-04	2.26E-07	2.33E-07	1.74E-06	1.79E-06	2.29E-07	2.25E-07	1.3251E-04
607067.8	4201408.22	43769.2838	0.04189	0.04273	0.20808	0.21532	0.06829	0.06716	1.22E-04	2.36E-07	2.43E-07	1.90E-06	1.96E-06	2.23E-07	2.19E-07	1.2675E-04
607087.8	4201408.22	41746.84454	0.04342	0.04452	0.22788	0.23639	0.06649	0.06539	1.16E-04	2.44E-07	2.54E-07	2.08E-06	2.15E-06	2.17E-07	2.13E-07	1.2149E-04
607107.8	4201408.22	39878.9332	0.04488	0.04621	0.25122	0.26136	0.06477	0.0637	1.11E-04	2.52E-07	2.63E-07	2.29E-06	2.37E-06	2.12E-07	2.08E-07	1.1673E-04
607127.8	4201408.22	38141.41485	0.04632	0.04783	0.2792	0.29147	0.06311	0.06207	1.06E-04	2.61E-07	2.73E-07	2.55E-06	2.65E-06	2.06E-07	2.03E-07	1.1242E-04
607147.8	4201408.22	36510.96912	0.04788	0.04948	0.31331	0.32842	0.0615	0.0605	1.02E-04	2.69E-07	2.82E-07	2.86E-06	2.98E-06	2.01E-07	1.97E-07	1.0853E-04
607167.8	4201408.22	34984.74938	0.04966	0.05129	0.35548	0.37448	0.05995	0.05898	9.75E-05	2.79E-07	2.92E-07	3.24E-06	3.40E-06	1.96E-07	1.93E-07	1.0509E-04
607187.8	4201408.22	33554.92126	0.05178	0.05341	0.40875	0.43334	0.05846	0.05751	9.35E-05	2.91E-07	3.04E-07	3.73E-06	3.94E-06	1.91E-07	1.88E-07	1.0215E-04
607207.8	4201408.22	32217.29806	0.05424	0.05592	0.47785	0.51085	0.05701	0.0561	8.98E-05	3.05E-07	3.19E-07	4.36E-06	4.64E-06	1.86E-07	1.83E-07	9.9771E-05
607227.8	4201408.22	30970.32862	0.05702	0.05884	0.57107	0.61753	0.05563	0.05474	8.63E-05	3.21E-07	3.35E-07	5.21E-06	5.61E-06	1.82E-07	1.79E-07	9.8139E-05
607247.8	4201408.22	29808.60885	0.06009	0.06213	0.70348	0.77329	0.05431	0.05345	8.31E-05	3.38E-07	3.54E-07	6.42E-06	7.02E-06	1.78E-07	1.74E-07	9.7552E-05
607267.8	4201408.22	28731.3468	0.06334	0.06566	0.90513	1.02084	0.05305	0.05222	8.01E-05	3.56E-07	3.74E-07	8.26E-06	9.27E-06	1.73E-07	1.70E-07	9.8668E-05
607287.8	4201408.22	27709.07199	0.06695	0.06955	1.23794	1.45686	0.05183	0.05102	7.72E-05	3.77E-07	3.96E-07	1.13E-05	1.32E-05	1.69E-07	1.67E-07	1.0285E-04
607307.8	4201408.22	26733.96552	0.07088	0.07385	1.86778	2.36873	0.05064	0.04985	7.45E-05	3.99E-07	4.21E-07	1.70E-05	2.15E-05	1.66E-07	1.63E-07	1.1420E-04
606533.18	4201421.18	414707.0721	0.01273	0.01283	0.05932	0.06018	0.15869	0.15596	1.16E-03	7.16E-08	7.31E-08	5.41E-07	5.47E-07	5.19E-07	5.09E-07	1.1579E-03
606553.18	4201421.18	344871.1145	0.01303	0.01311	0.06087	0.0618	0.1532	0.15056	9.61E-04	7.33E-08	7.47E-08	5.55E-07	5.61E-07	5.01E-07	4.91E-07	9.6329E-04
606573.18	4201421.18	284828.9625	0.01341	0.01349	0.06256	0.06352	0.14786	0.1453	7.94E-04	7.54E-08	7.69E-08	5.71E-07	5.77E-07	4.84E-07	4.74E-07	7.9598E-04
606593.18	4201421.18	245055.5068	0.01379	0.01388	0.06431	0.06533	0.14278	0.1403	6.83E-04	7.76E-08	7.91E-08	5.87E-07	5.93E-07	4.67E-07	4.58E-07	6.8515E-04
606613.18	4201421.18	215436.0922	0.01425	0.01433	0.06623	0.06731	0.13789	0.13548	6.00E-04	8.01E-08	8.16E-08	6.04E-07	6.11E-07	4.51E-07	4.42E-07	6.0262E-04
606633.18	4201421.18	191621.9094	0.01479	0.01486	0.06841	0.06956	0.13315	0.13082	5.34E-04	8.32E-08	8.47E-08	6.24E-07	6.32E-07	4.35E-07	4.27E-07	5.3627E-04
606653.18	4201421.18	171969.2725	0.01537	0.01546	0.07076	0.072	0.1286	0.12634	4.79E-04	8.64E-08	8.81E-08	6.45E-07	6.54E-07	4.21E-07	4.12E-07	4.8153E-04
606673.18	4201421.18	156034.4075	0.01593	0.01601	0.07313	0.07445	0.12433	0.12215	4.35E-04	8.96E-08	9.12E-08	6.67E-07	6.76E-07	4.07E-07	3.99E-07	4.3714E-04
606693.18	4201421.18	142703.9428	0.01647	0.01654	0.07557	0.07694	0.12031	0.11819	3.98E-04	9.26E-08	9.42E-08	6.89E-07	6.99E-07	3.93E-07	3.86E-07	4.0002E-04
606713.18	4201421.18	130916.1823	0.0171	0.01715	0.07821	0.07971	0.11643	0.11438	3.65E-04	9.62E-08	9.77E-08	7.13E-07	7.24E-07	3.81E-07	3.73E-07	3.6720E-04
606727.8	4201423.25	122465.8951	0.01755	0.01759	0.0803	0.08185	0.11385	0.11183	3.41E-04	9.87E-08	1.00E-07	7.32E-07	7.44E-07	3.72E-07	3.65E-07	3.4368E-04
606747.8	4201423.25	113230.7818	0.01822	0.01826	0.0832	0.08488	0.11026	0.1083	3.16E-04	1.02E-07	1.04E-07	7.59E-07	7.71E-07	3.61E-07	3.53E-07	3.1799E-04
606767.8	4201423.25	105080.3173	0.01892	0.01893	0.08617	0.08798	0.10684	0.10494	2.93E-04	1.06E-07	1.08E-07	7.86E-07	7.99E-07	3.49E-07	3.43E-07	2.9531E-04
606787.8	4201423.25	97660.65384	0.01974	0.01973	0.08956	0.09149	0.10352	0.10168	2.72E-04	1.11E-07	1.12E-07	8.17E-07	8.31E-07	3.39E-07	3.32E-07	2.7469E-04
606807.8	4201423.25	91123.34631	0.02048	0.02032	0.09268	0.09472	0.10038	0.0986	2.54E-04	1.15E-07	1.16E-07	8.45E-07	8.60E-07	3.28E-07	3.22E-07	2.5652E-04
606827.8	4201428.22	84092.41178	0.02149	0.0214	0.09694	0.0991	0.0975	0.09575	2.34E-04	1.21E-07	1.22E-07	8.84E-07	9.00E-07	3.19E-07	3.13E-07	2.3700E-04
606847.8	4201428.22	78655.77702	0.02271	0.02261	0.10184	0.10415	0.0945	0.09281	2.19E-04	1.28E-07	1.29E-07	9.29E-07	9.46E-07	3.09E-07	3.03E-07	2.2193E-04
606867.8	4201428.22	73782.94566	0.02395	0.02383	0.10682	0.10928	0.09164	0.09001	2.06E-04	1.35E-07	1.36E-07	9.74E-07	9.93E-07	3.00E-07	2.94E-07	2.0844E-04
606887.8	4201428.22	69346.81859	0.02531	0.02518	0.11229	0.11493	0.0889	0.08732	1.93E-04	1.42E-07	1.43E-07	1.02E-06	1.04E-06	2.91E-07	2.85E-07	1.9618E-04
606907.8	4201428.22	65193.54145	0.02693	0.0268	0.11887	0.12174	0.08621	0.08468	1.82E-04	1.51E-07	1.53E-07	1.08E-06	1.11E-06	2.82E-07	2.76E-07	1.8472E-04
606927.8	4201428.22	61335.44947	0.02881	0.0287	0.12636	0.12945	0.08358	0.08211	1.71E-04	1.62E-07	1.64E-07	1.15E-06	1.18E-06	2.73E-07	2.68E-07	1.7412E-04
606947.8	4201428.22	57929.87692	0.03058	0.03051	0.13427	0.13775	0.08114	0.07971	1.61E-04	1.72E-07	1.74E-07	1.22E-06	1.25E-06	2.65E-07	2.60E-07	1.6478E-04
606967.8	4201428.22	54841.90784	0.03225	0.03228	0.14275	0.14661	0.07881	0.07743	1.53E-04	1.81E-07	1.84E-07	1.30E-06	1.33E-06	2.58E-07	2.53E-07	1.5634E-04
606987.8	4201428.22	51962.60723	0.03394	0.03408	0.15261	0.15689	0.07656	0.07522	1.45E-04	1.91E-07	1.94E-07	1.39E-06	1.43E-06	2.50E-07	2.46E-07	1.4850E-04
607007.8	4201428.22	49269.35689	0.03559	0.03587	0.1639	0.16871	0.07436	0.07306	1.37E-04	2.00E-07	2.04E-07	1.49E-06	1.53E-06	2.43E-07	2.38E-07	1.4121E-04
607027.8	4201428.22	46808.83941	0.03712	0.03757	0.17639	0.18183	0.07227	0.07102	1.30E-04	2.09E-07	2.14E-07	1.61E-06	1.65E-06	2.36E-07	2.32E-07	1.3459E-04
607047.8	4201428.22	44592.63214	0.03857	0.03923	0.19049	0.19668	0.07031	0.06909	1.24E-04	2.17E-07	2.24E-07	1.74E-06	1.79E-06	2.30E-07	2.26E-07	1.2868E-04
607067.8	4201428.22	42558.56713	0.03993	0.04082	0.20677	0.21395	0.06844	0.06726	1.19E-04	2.25E-07	2.33E-07	1.89E-06	1.94E-06	2.24E-07	2.20E-07	1.2333E-04
607087.8	4201428.22	40652.40269	0.0412	0.0423	0.22589	0.23428	0.06663	0.06549	1.13E-04	2.32E-07	2.41E-07	2.06E-06	2.13E-06	2.18E-07	2.14E-07	1.1838E-04
607107.8	4201428.22	38871.69184	0.04243	0.0437	0.24853	0.25845	0.06488	0.06378	1.08E-04	2.39E-07	2.49E-07	2.27E-06	2.35E-06	2.12E-07	2.08E-07	1.1384E-04
607127.8	4201428.22	37214.68645	0.04371	0.04508	0.27561	0.28749	0.06321	0.06214	1.04E-04	2.46E-07	2.57E-07	2.51E-06	2.61E-06	2.07E-07	2.03E-07	1.0974E-04
607147.8	4201428.22	35661.64883	0.04512	0.04654	0.30851	0.32299	0.06159	0.06056	9.94E-05	2.54E-07	2.65E-07	2.81E-06	2.93E-06	2.01E-07	1.98E-07	1.0604E-04
607167.8	4201428.22	34198.13268	0.04678	0.04819	0.34915	0.36716	0.06003	0.05902	9.53E-05	2.63E-07	2.75E-07	3.18E-06	3.34E-06	1.96E-07	1.93E-07	1.0275E-04
607187.8	4201428.22	32818.67349	0.04872	0.05013	0.40034	0.42328	0.05851	0.05754	9.15E-05	2.74E-07	2.86E-07	3.65E-06	3.85E-06	1.91E-07	1.88E-07	9.9890E-05
607207.8	4201428.22	31528.84892	0.05095	0.05242	0.46655	0.49668	0.05705	0.05611	8.79E-05	2.87E-07	2.99E-07	4.26E-06	4.51E-06	1.87E-07	1.83E-07	9.7582E-05
607227.8	4201428.22	30322.7158	0.05345	0.05505	0.55529	0.59667	0.05565	0.05474	8.45E-05	3.01E-07	3.14E-07	5.06E-06	5.42E-06	1.82E-07	1.79E-07	9.5959E-05
607247.8	4201428.22	29208.86004	0.0562	0.058	0.68118	0.74188	0.05432	0.05344	8.14E-05	3.16E-07	3.30E-07	6.21E-06	6.74E-06	1.78E-07	1.74E-07	9.5346E-05
607267.8	4201428.22	28180.33415	0.05906	0.0611	0.87122	0.96824	0.05307	0.05221	7.85E-05	3.32E-07	3.48E-07	7.95E-06	8.80E-06	1.74E-07	1.70E-07	9.6295E-05
607287.8	4201428.22	27181.62258	0.06228	0.06454	1.17803	1.35098	0.05182	0.05099	7.57E-05	3.50E-07	3.68E-07	1.07E-05	1.23E-05	1.69E-07	1.66E-07	9.9817E-05
607307.8	4201428.22	26239.2166	0.06574	0.06832	1.74669	2.11236	0.05062	0.04982	7.31E-05	3.70E-07	3.89E-07	1.59E-05	1.92E-05	1.66E-07	1.63E-07	1.0933E-04
606357.31	4200991.9	330640.9126	0.01936	0.01997	0.04194	0.04193	0.05549	0.0574	9.21E-04	1.09E-07	1.14E-07	3.83E-07	3.81E-07	1.81E-07	1.87E-07	9.2274E-04
606373.3	4200990.76	313755.2173	0.01998	0.02061	0.04263	0.04261	0.0557	0.05756	8.74E-04	1.12E-07	1.17E-07	3.89E-07	3.87E-07	1.82E-07	1.88E-07	8.7570E-04
606393.3	4200990.76	301177.2094	0.02064	0.02131	0.04354	0.04351	0.05627	0.05807	8.39E-04	1.16E-07	1.21E-07	3.97E-07	3.95E-07	1.84E-07	1.90E-07	8.4068E-04
606413.3	4200990.76	288327.8917	0.02134	0.02204	0.04449	0.04446	0.05678	0.05851	8.03E-04	1.20E-07	1.26E-07	4.06E-07	4.04E-07	1.86E-07	1.91E-07	8.0490E-04
606433.3	4200990.76	275089.9633	0.0221	0.02283	0.04549	0.04545	0.05722	0.05888	7.67E-04	1.24E-07	1.30E-07	4.15E-07	4.13E-07	1.87E-07	1.92E-07	7.6804E-04
606453.3	4200990.76	261713.0529	0.02291	0.02369	0.04655	0.04649	0.05759	0.05918	7.29E-04	1.29E-07	1.35E-07	4.25E-07	4.22E-07	1.88E-07	1.93E-07	7.3080E-04
606473.3	4200990.76	248885.9943	0.02378	0.02461	0.04765	0.04752	0.0579	0.05942	6.94E-04	1.34E-07	1.40E-07	4.35E-07	4.32E-07	1.89E-07	1.94E-07	6.9508E-04
606493.3	4200990.76	237448.5012	0.02466	0.02555	0.04863	0.04822	0.05815	0.05959	6.62E-04	1.39E-07	1.46E-07	4.44E-07	4.38E-07	1.90E-07	1.95E-07	6.6324E-04
606513.3	4200990.76	227878.0022	0.02566	0.02654	0.04975	0.0494	0.05834	0.05971	6.35E-04	1.44E-07	1.51E-07	4.54E-07	4.49E-07	1.91E-07	1.95E-07	6.3660E-04
606355.59	4201005.6	422909.8858	0.01844	0.01901	0.04216	0.0422	0.05877	0.06076	1.18E-03	1.04E-07	1.08E-07	3.85E-07	3.83E-07	1.92E-07	1.98E-07	1.1799E-03
606375.59	4201005.6	405803.014	0.01908	0.01968	0.0431	0.04313	0.05936	0.06128	1.13E-03	1.07E-07	1.12E-07	3.93E-07	3.92E-07	1.94E-07	2.00E-07	1.1322E-03
606393.3	4201010.76	426278.5466	0.01933	0.01994	0.04407	0.04412	0.06109	0.06295	1.19E-03	1.09E-07	1.14E-07	4.02E-07	4.01E-07	2.00E-07	2.05E-07	1.1893E-03
606413.3	4201010.76	407211.5915	0.02	0.02065	0.04508	0.04512	0.0615	0.06329	1.13E-03	1.12E-07	1.18E-07	4.11E-07	4.10E-07	2.01E-07	2.07E-07	1.1362E-03
606433.3	4201010.76	386732.1306	0.02073	0.0214	0.04614	0.04618	0.06184	0.06354	1.08E-03	1.17E-07	1.22E-07	4.21E-07	4.20E-07	2.02E-07	2.07E-07	1.0792E-03
606453.3	4201010.76	364779.292	0.02148	0.0222	0.04724	0.04727	0.06211	0.06372	1.02E-03	1.21E-07	1.26E-07	4.31E-07	4.29E-07	2.03E-07	2.08E-07	1.0180E-03
606473.3	4201010.76	341352.4999	0.02229	0.02305	0.0484	0.04842	0.06231	0.06384	9.51E-04	1.25E-07	1.31E-07	4.41E-07	4.40E-07	2.04E-07	2.08E-07	9.5278E-04
606493.3	4201010.76	318323.286	0.02312	0.02392	0.0496	0.04961	0.06245	0.0639	8.87E-04	1.30E-07	1.36E-07	4.52E-07	4.51E-07	2.04E-07	2.09E-07	8.8864E-04
606513.3	4201010.76	300034.2956	0.02397	0.02482	0.05085	0.05085	0.06253	0.0639	8.36E-04	1.35E-07	1.41E-07	4.64E-07	4.62E-07	2.04E-07	2.09E-07	8.3771E-04
606320.15	4201003.05	434848.4162	0.01742	0.01794	0.04046	0.0405	0.05691	0.059	1.21E-03	9.80E-08	1.02E-07	3.69E-07	3.68E-07	1.86E-07	1.93E-07	1.2131E-03
606340.15	4201003.05	417999.4085	0.01806	0.01861	0.04138	0.04141	0.05763	0.05966	1.16E-03	1.02E-07	1.06E-07	3.77E-07	3.76E-07	1.88E-07	1.95E-07	1.1662E-03
608186.19	4200741.15	10292.55982	0.2604	0.26385	0.03479	0.03351	0.02094	0.02086	2.87E-05	1.46E-06	1.50E-06	3.17E-07	3.04E-07	6.85E-08	6.81E-08	3.2408E-05
608186.19	4200794.35	10291.44769	0.23818	0.24167	0.03996	0.03853	0.02145	0.02135	2.87E-05	1.34E-06	1.38E-06	3.64E-07	3.50E-07	7.01E-08	6.97E-08	3.2250E-05
608186.19	4200733.55	10289.19836	0.26362	0.26706	0.03408	0.03283	0.02086	0.02079	2.87E-05	1.48E-06	1.52E-06	3.11E-07	2.98E-07	6.82E-08	6.79E-08	3.2422E-05
608186.19	4200801.95	10288.06323	0.23508	0.23856	0.04072	0.03928	0.02152	0.02142	2.87E-05	1.32E-06	1.36E-06	3.71E-07	3.57E-07	7.04E-08	6.99E-08	3.2219E-05
608186.19	4200809.55	10283.70608	0.23199	0.23547	0.0415	0.04003	0.02159	0.02148	2.87E-05	1.30E-06	1.34E-06	3.79E-07	3.64E-07	7.06E-08	7.01E-08	3.2186E-05
608186.19	4200817.15	10278.54755	0.22892	0.2324	0.04227	0.04079	0.02165	0.02154	2.86E-05	1.29E-06	1.32E-06	3.86E-07	3.71E-07	7.08E-08	7.03E-08	3.2152E-05
608186.19	4200824.75	10272.5375	0.22588	0.22936	0.04306	0.04155	0.02171	0.0216	2.86E-05	1.27E-06	1.31E-06	3.93E-07	3.77E-07	7.10E-08	7.05E-08	3.2115E-05
608186.19	4200832.35	10265.80646	0.22286	0.22633	0.04384	0.04232	0.02177	0.02166	2.86E-05	1.25E-06	1.29E-06	4.00E-07	3.84E-07	7.12E-08	7.07E-08	3.2076E-05
608186.19	4200839.95	10258.30073	0.21987	0.22333	0.04463	0.0431	0.02183	0.02172	2.86E-05	1.24E-06	1.27E-06	4.07E-07	3.92E-07	7.14E-08	7.09E-08	3.2036E-05
608186.19	4200847.55	10250.15221	0.21691	0.22036	0.04542	0.04387	0.02189	0.02177	2.86E-05	1.22E-06	1.26E-06	4.14E-07	3.99E-07	7.16E-08	7.11E-08	3.1995E-05
608186.19	4200855.15	10241.39239	0.21397	0.21741	0.04622	0.04465	0.02195	0.02183	2.85E-05	1.20E-06	1.24E-06	4.22E-07	4.06E-07	7.18E-08	7.13E-08	3.1952E-05
608186.19	4200862.75	10231.93661	0.21106	0.21449	0.04702	0.04544	0.022	0.02188	2.85E-05	1.19E-06	1.22E-06	4.29E-07	4.13E-07	7.19E-08	7.14E-08	3.1907E-05
608186.19	4200870.35	10221.77485	0.20818	0.2116	0.04782	0.04623	0.02206	0.02193	2.85E-05	1.17E-06	1.21E-06	4.36E-07	4.20E-07	7.21E-08	7.16E-08	3.1861E-05
608193.06	4200763.95	10232.68089	0.24621	0.2496	0.03686	0.03553	0.02109	0.02101	2.85E-05	1.38E-06	1.42E-06	3.36E-07	3.23E-07	6.90E-08	6.86E-08	3.2118E-05
608193.06	4200771.55	10232.41306	0.24313	0.24653	0.03759	0.03624	0.02117	0.02108	2.85E-05	1.37E-06	1.40E-06	3.43E-07	3.29E-07	6.92E-08	6.88E-08	3.2096E-05
608193.06	4200756.35	10231.96322	0.2493	0.25269	0.03613	0.03483	0.02102	0.02094	2.85E-05	1.40E-06	1.44E-06	3.30E-07	3.16E-07	6.87E-08	6.83E-08	3.2138E-05
608193.06	4200779.15	10230.93516	0.24007	0.24347	0.03833	0.03696	0.02124	0.02114	2.85E-05	1.35E-06	1.39E-06	3.50E-07	3.36E-07	6.95E-08	6.90E-08	3.2071E-05
608193.06	4200748.75	10230.50302	0.2524	0.25578	0.03542	0.03414	0.02095	0.02087	2.85E-05	1.42E-06	1.46E-06	3.23E-07	3.10E-07	6.85E-08	6.81E-08	3.2156E-05
608193.06	4200786.75	10228.46484	0.23701	0.24041	0.03907	0.03768	0.02131	0.02121	2.85E-05	1.33E-06	1.37E-06	3.56E-07	3.42E-07	6.97E-08	6.92E-08	3.2044E-05
608193.06	4200741.15	10228.37438	0.25551	0.25888	0.03471	0.03345	0.02087	0.02079	2.85E-05	1.44E-06	1.47E-06	3.17E-07	3.04E-07	6.83E-08	6.79E-08	3.2172E-05
608193.06	4200794.35	10225.40097	0.23397	0.23738	0.03982	0.03841	0.02137	0.02128	2.85E-05	1.32E-06	1.35E-06	3.63E-07	3.49E-07	6.99E-08	6.95E-08	3.2015E-05
608193.06	4200733.55	10225.12288	0.25862	0.26198	0.03401	0.03278	0.02079	0.02072	2.85E-05	1.45E-06	1.49E-06	3.10E-07	2.98E-07	6.80E-08	6.76E-08	3.2185E-05
608193.06	4200801.95	10221.54231	0.23096	0.23436	0.04058	0.03915	0.02144	0.02134	2.85E-05	1.30E-06	1.34E-06	3.70E-07	3.56E-07	7.01E-08	6.97E-08	3.1984E-05
608193.06	4200809.55	10216.82479	0.22796	0.23136	0.04134	0.03989	0.02151	0.0214	2.85E-05	1.28E-06	1.32E-06	3.77E-07	3.62E-07	7.03E-08	6.99E-08	3.1951E-05
608193.06	4200817.15	10211.51012	0.22498	0.22838	0.0421	0.04064	0.02157	0.02146	2.85E-05	1.27E-06	1.30E-06	3.84E-07	3.69E-07	7.05E-08	7.00E-08	3.1916E-05
608193.06	4200824.75	10205.63818	0.22203	0.22543	0.04287	0.04139	0.02163	0.02152	2.84E-05	1.25E-06	1.28E-06	3.91E-07	3.76E-07	7.07E-08	7.02E-08	3.1881E-05
608193.06	4200832.35	10198.97522	0.2191	0.22249	0.04365	0.04215	0.02169	0.02158	2.84E-05	1.23E-06	1.27E-06	3.98E-07	3.83E-07	7.09E-08	7.04E-08	3.1843E-05
608193.06	4200839.95	10191.36756	0.21619	0.21958	0.04442	0.04291	0.02175	0.02163	2.84E-05	1.22E-06	1.25E-06	4.05E-07	3.90E-07	7.11E-08	7.06E-08	3.1803E-05
608193.06	4200847.55	10183.12196	0.21331	0.21669	0.04521	0.04368	0.02181	0.02169	2.84E-05	1.20E-06	1.23E-06	4.12E-07	3.97E-07	7.13E-08	7.08E-08	3.1762E-05
608193.06	4200855.15	10174.27359	0.21046	0.21382	0.04599	0.04445	0.02186	0.02174	2.84E-05	1.18E-06	1.22E-06	4.19E-07	4.04E-07	7.15E-08	7.10E-08	3.1720E-05
608193.06	4200862.75	10164.74382	0.20763	0.21098	0.04678	0.04522	0.02192	0.02179	2.83E-05	1.17E-06	1.20E-06	4.27E-07	4.11E-07	7.17E-08	7.11E-08	3.1676E-05
608193.06	4200870.35	10154.62802	0.20483	0.20817	0.04757	0.046	0.02197	0.02184	2.83E-05	1.15E-06	1.19E-06	4.34E-07	4.18E-07	7.18E-08	7.13E-08	3.1630E-05
608199.93	4200763.95	10168.16804	0.24174	0.24505	0.03676	0.03545	0.02102	0.02093	2.83E-05	1.36E-06	1.40E-06	3.35E-07	3.22E-07	6.87E-08	6.83E-08	3.1885E-05
608199.93	4200771.55	10167.65094	0.23875	0.24207	0.03748	0.03615	0.02109	0.021	2.83E-05	1.34E-06	1.38E-06	3.42E-07	3.28E-07	6.90E-08	6.85E-08	3.1863E-05
608199.93	4200756.35	10167.60016	0.24473	0.24804	0.03604	0.03476	0.02095	0.02086	2.83E-05	1.38E-06	1.41E-06	3.29E-07	3.16E-07	6.85E-08	6.81E-08	3.1904E-05
608199.93	4200748.75	10166.41283	0.24773	0.25103	0.03533	0.03407	0.02087	0.02079	2.83E-05	1.39E-06	1.43E-06	3.22E-07	3.09E-07	6.83E-08	6.79E-08	3.1922E-05
608199.93	4200779.15	10165.93868	0.23578	0.2391	0.03821	0.03685	0.02116	0.02107	2.83E-05	1.33E-06	1.36E-06	3.49E-07	3.35E-07	6.92E-08	6.88E-08	3.1839E-05
608199.93	4200741.15	10164.68701	0.25074	0.25403	0.03464	0.0334	0.0208	0.02072	2.83E-05	1.41E-06	1.45E-06	3.16E-07	3.03E-07	6.80E-08	6.76E-08	3.1938E-05
608199.93	4200786.75	10163.3566	0.23282	0.23614	0.03894	0.03757	0.02123	0.02113	2.83E-05	1.31E-06	1.35E-06	3.55E-07	3.41E-07	6.94E-08	6.90E-08	3.1811E-05
608199.93	4200733.55	10161.64036	0.25375	0.25703	0.03394	0.03273	0.02072	0.02065	2.83E-05	1.43E-06	1.46E-06	3.10E-07	2.97E-07	6.78E-08	6.74E-08	3.1951E-05
608199.93	4200794.35	10159.99893	0.22987	0.2332	0.03968	0.03829	0.0213	0.0212	2.83E-05	1.29E-06	1.33E-06	3.62E-07	3.48E-07	6.97E-08	6.92E-08	3.1783E-05
608199.93	4200801.95	10155.87366	0.22694	0.23027	0.04042	0.03902	0.02136	0.02126	2.83E-05	1.28E-06	1.31E-06	3.69E-07	3.54E-07	6.99E-08	6.94E-08	3.1752E-05
608199.93	4200809.55	10150.89496	0.22402	0.22735	0.04117	0.03975	0.02143	0.02132	2.83E-05	1.26E-06	1.30E-06	3.76E-07	3.61E-07	7.01E-08	6.96E-08	3.1719E-05
608199.93	4200817.15	10145.3305	0.22113	0.22446	0.04193	0.04049	0.02149	0.02138	2.83E-05	1.24E-06	1.28E-06	3.82E-07	3.68E-07	7.03E-08	6.98E-08	3.1684E-05
608199.93	4200824.75	10139.2251	0.21827	0.22159	0.04269	0.04123	0.02155	0.02144	2.83E-05	1.23E-06	1.26E-06	3.89E-07	3.75E-07	7.05E-08	7.00E-08	3.1649E-05
608199.93	4200832.35	10132.63287	0.21543	0.21874	0.04345	0.04198	0.02161	0.02149	2.82E-05	1.21E-06	1.25E-06	3.96E-07	3.81E-07	7.07E-08	7.01E-08	3.1613E-05
608199.93	4200839.95	10125.02443	0.2126	0.21591	0.04422	0.04273	0.02167	0.02155	2.82E-05	1.20E-06	1.23E-06	4.03E-07	3.88E-07	7.09E-08	7.03E-08	3.1574E-05
608199.93	4200847.55	10116.77672	0.2098	0.2131	0.04499	0.04348	0.02172	0.0216	2.82E-05	1.18E-06	1.21E-06	4.10E-07	3.95E-07	7.10E-08	7.05E-08	3.1533E-05
608199.93	4200855.15	10107.8406	0.20703	0.21031	0.04576	0.04424	0.02178	0.02165	2.82E-05	1.16E-06	1.20E-06	4.17E-07	4.02E-07	7.12E-08	7.07E-08	3.1491E-05
608199.93	4200862.75	10098.2432	0.20428	0.20755	0.04654	0.045	0.02183	0.0217	2.81E-05	1.15E-06	1.18E-06	4.25E-07	4.09E-07	7.14E-08	7.08E-08	3.1447E-05
608199.93	4200870.35	10088.08727	0.20155	0.20482	0.04732	0.04577	0.02188	0.02175	2.81E-05	1.13E-06	1.17E-06	4.32E-07	4.16E-07	7.16E-08	7.10E-08	3.1402E-05
608206.8	4200763.95	10104.0685	0.23737	0.24061	0.03665	0.03536	0.02095	0.02086	2.82E-05	1.33E-06	1.37E-06	3.34E-07	3.21E-07	6.85E-08	6.81E-08	3.1655E-05
608206.8	4200756.35	10103.84623	0.24027	0.24351	0.03595	0.03468	0.02088	0.02079	2.82E-05	1.35E-06	1.39E-06	3.28E-07	3.15E-07	6.83E-08	6.79E-08	3.1674E-05
608206.8	4200771.55	10103.41179	0.23448	0.23773	0.03737	0.03606	0.02102	0.02093	2.82E-05	1.32E-06	1.35E-06	3.41E-07	3.28E-07	6.87E-08	6.83E-08	3.1633E-05
608206.8	4200748.75	10103.11297	0.24318	0.24641	0.03525	0.034	0.0208	0.02072	2.82E-05	1.37E-06	1.40E-06	3.22E-07	3.09E-07	6.80E-08	6.76E-08	3.1692E-05
608206.8	4200741.15	10101.58364	0.2461	0.24932	0.03456	0.03333	0.02073	0.02065	2.81E-05	1.38E-06	1.42E-06	3.15E-07	3.03E-07	6.78E-08	6.74E-08	3.1707E-05
608206.8	4200779.15	10101.57181	0.2316	0.23485	0.03808	0.03676	0.02109	0.02099	2.81E-05	1.30E-06	1.34E-06	3.47E-07	3.34E-07	6.90E-08	6.85E-08	3.1609E-05
608206.8	4200786.75	10098.78515	0.22872	0.23197	0.03881	0.03746	0.02115	0.02106	2.81E-05	1.29E-06	1.32E-06	3.54E-07	3.40E-07	6.92E-08	6.87E-08	3.1582E-05
608206.8	4200733.55	10098.74153	0.24901	0.25222	0.03388	0.03267	0.02065	0.02058	2.81E-05	1.40E-06	1.44E-06	3.09E-07	2.97E-07	6.75E-08	6.72E-08	3.1720E-05
608206.8	4200794.35	10095.23848	0.22586	0.22912	0.03954	0.03817	0.02122	0.02112	2.81E-05	1.27E-06	1.31E-06	3.61E-07	3.47E-07	6.94E-08	6.89E-08	3.1553E-05
608206.8	4200801.95	10090.94707	0.22302	0.22627	0.04027	0.03889	0.02128	0.02118	2.81E-05	1.25E-06	1.29E-06	3.67E-07	3.53E-07	6.96E-08	6.91E-08	3.1523E-05
608206.8	4200809.55	10085.90073	0.22019	0.22344	0.04101	0.03961	0.02135	0.02124	2.81E-05	1.24E-06	1.27E-06	3.74E-07	3.60E-07	6.98E-08	6.93E-08	3.1490E-05
608206.8	4200817.15	10080.09564	0.21738	0.22063	0.04176	0.04034	0.02141	0.0213	2.81E-05	1.22E-06	1.26E-06	3.81E-07	3.66E-07	7.00E-08	6.95E-08	3.1456E-05
608206.8	4200824.75	10073.58113	0.21459	0.21784	0.04251	0.04107	0.02147	0.02136	2.81E-05	1.21E-06	1.24E-06	3.88E-07	3.73E-07	7.02E-08	6.97E-08	3.1420E-05
608206.8	4200832.35	10066.77765	0.21183	0.21507	0.04326	0.0418	0.02153	0.02141	2.81E-05	1.19E-06	1.23E-06	3.95E-07	3.80E-07	7.04E-08	6.99E-08	3.1384E-05
608206.8	4200839.95	10059.3514	0.20909	0.21232	0.04401	0.04254	0.02158	0.02147	2.80E-05	1.18E-06	1.21E-06	4.01E-07	3.86E-07	7.06E-08	7.01E-08	3.1346E-05
608206.8	4200847.55	10051.10951	0.20637	0.20959	0.04477	0.04329	0.02164	0.02152	2.80E-05	1.16E-06	1.19E-06	4.08E-07	3.93E-07	7.08E-08	7.02E-08	3.1306E-05
608206.8	4200855.15	10042.08941	0.20367	0.20688	0.04554	0.04404	0.02169	0.02157	2.80E-05	1.15E-06	1.18E-06	4.15E-07	4.00E-07	7.09E-08	7.04E-08	3.1265E-05
608206.8	4200862.75	10032.43127	0.201	0.2042	0.0463	0.04479	0.02175	0.02162	2.80E-05	1.13E-06	1.16E-06	4.22E-07	4.07E-07	7.11E-08	7.06E-08	3.1222E-05
608206.8	4200870.35	10022.2354	0.19835	0.20154	0.04707	0.04554	0.0218	0.02167	2.79E-05	1.12E-06	1.15E-06	4.29E-07	4.14E-07	7.13E-08	7.07E-08	3.1177E-05
608213.67	4200756.35	10040.69624	0.23593	0.23909	0.03585	0.0346	0.0208	0.02072	2.80E-05	1.33E-06	1.36E-06	3.27E-07	3.14E-07	6.80E-08	6.76E-08	3.1446E-05
608213.67	4200763.95	10040.47803	0.23312	0.23629	0.03655	0.03528	0.02087	0.02079	2.80E-05	1.31E-06	1.35E-06	3.33E-07	3.20E-07	6.83E-08	6.79E-08	3.1427E-05
608213.67	4200748.75	10040.30243	0.23875	0.24191	0.03516	0.03393	0.02073	0.02065	2.80E-05	1.34E-06	1.38E-06	3.21E-07	3.08E-07	6.78E-08	6.74E-08	3.1464E-05
608213.67	4200771.55	10039.59435	0.23032	0.23349	0.03725	0.03596	0.02094	0.02085	2.80E-05	1.30E-06	1.33E-06	3.40E-07	3.27E-07	6.85E-08	6.81E-08	3.1406E-05
608213.67	4200741.15	10039.15397	0.24158	0.24473	0.03448	0.03327	0.02066	0.02058	2.80E-05	1.36E-06	1.39E-06	3.15E-07	3.02E-07	6.76E-08	6.72E-08	3.1480E-05
608213.67	4200779.15	10037.63389	0.22752	0.23069	0.03796	0.03665	0.02101	0.02092	2.80E-05	1.28E-06	1.31E-06	3.46E-07	3.33E-07	6.87E-08	6.83E-08	3.1382E-05
608213.67	4200733.55	10036.51788	0.2444	0.24754	0.03381	0.03261	0.02058	0.02051	2.80E-05	1.37E-06	1.41E-06	3.08E-07	2.96E-07	6.73E-08	6.69E-08	3.1492E-05
608213.67	4200786.75	10034.74366	0.22473	0.22791	0.03868	0.03735	0.02108	0.02098	2.80E-05	1.26E-06	1.30E-06	3.53E-07	3.39E-07	6.89E-08	6.85E-08	3.1355E-05
608213.67	4200794.35	10031.10994	0.22196	0.22514	0.0394	0.03805	0.02114	0.02104	2.80E-05	1.25E-06	1.28E-06	3.59E-07	3.46E-07	6.91E-08	6.87E-08	3.1327E-05
608213.67	4200801.95	10026.65995	0.2192	0.22237	0.04012	0.03876	0.02121	0.0211	2.79E-05	1.23E-06	1.27E-06	3.66E-07	3.52E-07	6.94E-08	6.89E-08	3.1297E-05
608213.67	4200809.55	10021.45804	0.21645	0.21963	0.04085	0.03947	0.02127	0.02116	2.79E-05	1.22E-06	1.25E-06	3.73E-07	3.59E-07	6.96E-08	6.91E-08	3.1265E-05
608213.67	4200817.15	10015.50975	0.21372	0.2169	0.04159	0.04019	0.02133	0.02122	2.79E-05	1.20E-06	1.24E-06	3.79E-07	3.65E-07	6.98E-08	6.93E-08	3.1231E-05
608213.67	4200824.75	10008.87113	0.21101	0.21418	0.04232	0.04091	0.02139	0.02127	2.79E-05	1.19E-06	1.22E-06	3.86E-07	3.72E-07	7.00E-08	6.94E-08	3.1195E-05
608213.67	4200832.35	10001.6825	0.20832	0.21149	0.04307	0.04164	0.02144	0.02133	2.79E-05	1.17E-06	1.20E-06	3.93E-07	3.78E-07	7.01E-08	6.96E-08	3.1159E-05
608213.67	4200839.95	9994.25282	0.20566	0.20882	0.04381	0.04237	0.0215	0.02138	2.79E-05	1.16E-06	1.19E-06	4.00E-07	3.85E-07	7.03E-08	6.98E-08	3.1122E-05
608213.67	4200847.55	9986.10886	0.20302	0.20616	0.04456	0.0431	0.02156	0.02144	2.78E-05	1.14E-06	1.17E-06	4.06E-07	3.92E-07	7.05E-08	7.00E-08	3.1083E-05
608213.67	4200855.15	9977.00934	0.20039	0.20353	0.04531	0.04384	0.02161	0.02149	2.78E-05	1.13E-06	1.16E-06	4.13E-07	3.98E-07	7.07E-08	7.01E-08	3.1041E-05
608213.67	4200862.75	9967.29952	0.19779	0.20092	0.04606	0.04458	0.02166	0.02153	2.78E-05	1.11E-06	1.14E-06	4.20E-07	4.05E-07	7.08E-08	7.03E-08	3.0999E-05
608213.67	4200870.35	9957.0664	0.19521	0.19833	0.04682	0.04532	0.02171	0.02158	2.77E-05	1.10E-06	1.13E-06	4.27E-07	4.12E-07	7.10E-08	7.04E-08	3.0955E-05
608220.54	4200756.35	9978.22829	0.2317	0.23479	0.03576	0.03452	0.02073	0.02065	2.78E-05	1.30E-06	1.34E-06	3.26E-07	3.14E-07	6.78E-08	6.74E-08	3.1222E-05
608220.54	4200748.75	9978.17066	0.23444	0.23752	0.03508	0.03386	0.02066	0.02058	2.78E-05	1.32E-06	1.35E-06	3.20E-07	3.08E-07	6.76E-08	6.72E-08	3.1240E-05

608220.54	4200763.95	9977.58754	0.22897	0.23207	0.03645	0.03519	0.0208	0.02071	2.78E-05	1.29E-06	1.32E-06	3.32E-07	3.20E-07	6.80E-08	6.76E-08	3.1202E-05
608220.54	4200741.15	9977.19971	0.23718	0.24025	0.0344	0.0332	0.02059	0.02051	2.78E-05	1.33E-06	1.37E-06	3.14E-07	3.02E-07	6.73E-08	6.69E-08	3.1255E-05
608220.54	4200771.55	9976.29342	0.22625	0.22935	0.03714	0.03586	0.02087	0.02078	2.78E-05	1.27E-06	1.31E-06	3.39E-07	3.26E-07	6.83E-08	6.78E-08	3.1180E-05
608220.54	4200733.55	9974.86008	0.23991	0.24297	0.03373	0.03256	0.02052	0.02044	2.78E-05	1.35E-06	1.38E-06	3.08E-07	2.96E-07	6.71E-08	6.67E-08	3.1267E-05
608220.54	4200779.15	9974.02754	0.22354	0.22664	0.03784	0.03655	0.02094	0.02084	2.78E-05	1.26E-06	1.29E-06	3.45E-07	3.32E-07	6.85E-08	6.80E-08	3.1156E-05
608220.54	4200786.75	9971.03876	0.22083	0.22394	0.03854	0.03723	0.021	0.0209	2.78E-05	1.24E-06	1.28E-06	3.52E-07	3.38E-07	6.87E-08	6.82E-08	3.1130E-05
608220.54	4200794.35	9967.51608	0.21814	0.22125	0.03926	0.03793	0.02107	0.02097	2.78E-05	1.23E-06	1.26E-06	3.58E-07	3.45E-07	6.89E-08	6.84E-08	3.1103E-05
608220.54	4200801.95	9963.00226	0.21546	0.21857	0.03997	0.03863	0.02113	0.02103	2.78E-05	1.21E-06	1.25E-06	3.65E-07	3.51E-07	6.91E-08	6.86E-08	3.1074E-05
608220.54	4200809.55	9957.64719	0.2128	0.2159	0.04069	0.03933	0.02119	0.02108	2.77E-05	1.20E-06	1.23E-06	3.71E-07	3.57E-07	6.93E-08	6.88E-08	3.1042E-05
608220.54	4200817.15	9951.56365	0.21015	0.21325	0.04141	0.04004	0.02125	0.02114	2.77E-05	1.18E-06	1.22E-06	3.78E-07	3.64E-07	6.95E-08	6.90E-08	3.1008E-05
608220.54	4200824.75	9944.8049	0.20751	0.21061	0.04214	0.04075	0.02131	0.02119	2.77E-05	1.17E-06	1.20E-06	3.84E-07	3.70E-07	6.97E-08	6.92E-08	3.0973E-05
608220.54	4200832.35	9937.33522	0.2049	0.20799	0.04287	0.04147	0.02136	0.02125	2.77E-05	1.15E-06	1.19E-06	3.91E-07	3.77E-07	6.99E-08	6.94E-08	3.0936E-05
608220.54	4200839.95	9929.90306	0.20231	0.20539	0.04361	0.04219	0.02142	0.0213	2.77E-05	1.14E-06	1.17E-06	3.98E-07	3.83E-07	7.00E-08	6.95E-08	3.0900E-05
608220.54	4200847.55	9921.67599	0.19974	0.20281	0.04435	0.04291	0.02147	0.02135	2.76E-05	1.12E-06	1.16E-06	4.05E-07	3.90E-07	7.02E-08	6.97E-08	3.0861E-05
608220.54	4200855.15	9912.59234	0.19718	0.20025	0.04509	0.04364	0.02152	0.0214	2.76E-05	1.11E-06	1.14E-06	4.11E-07	3.96E-07	7.04E-08	6.99E-08	3.0821E-05
608220.54	4200862.75	9902.83882	0.19465	0.19771	0.04583	0.04437	0.02158	0.02145	2.76E-05	1.09E-06	1.13E-06	4.18E-07	4.03E-07	7.06E-08	7.00E-08	3.0779E-05
608220.54	4200870.35	9892.56778	0.19214	0.19519	0.04657	0.0451	0.02162	0.02149	2.76E-05	1.08E-06	1.11E-06	4.25E-07	4.10E-07	7.07E-08	7.01E-08	3.0735E-05
608227.41	4200748.75	9916.5257	0.23024	0.23325	0.03499	0.03379	0.02059	0.02051	2.76E-05	1.29E-06	1.33E-06	3.19E-07	3.07E-07	6.73E-08	6.69E-08	3.1018E-05
608227.41	4200756.35	9916.43999	0.22758	0.23061	0.03566	0.03444	0.02066	0.02057	2.76E-05	1.28E-06	1.31E-06	3.25E-07	3.13E-07	6.76E-08	6.71E-08	3.1000E-05
608227.41	4200741.15	9915.61979	0.23289	0.23589	0.03432	0.03314	0.02052	0.02044	2.76E-05	1.31E-06	1.34E-06	3.13E-07	3.01E-07	6.71E-08	6.67E-08	3.1033E-05
608227.41	4200763.95	9915.47858	0.22493	0.22796	0.03634	0.0351	0.02073	0.02064	2.76E-05	1.27E-06	1.30E-06	3.31E-07	3.19E-07	6.78E-08	6.74E-08	3.0980E-05
608227.41	4200771.55	9913.77987	0.22229	0.22532	0.03703	0.03577	0.02079	0.0207	2.76E-05	1.25E-06	1.28E-06	3.38E-07	3.25E-07	6.80E-08	6.76E-08	3.0959E-05
608227.41	4200733.55	9913.57135	0.23553	0.23853	0.03367	0.0325	0.02045	0.02037	2.76E-05	1.32E-06	1.36E-06	3.07E-07	2.95E-07	6.69E-08	6.65E-08	3.1045E-05
608227.41	4200779.15	9911.12061	0.21965	0.22269	0.03772	0.03644	0.02086	0.02077	2.76E-05	1.24E-06	1.27E-06	3.44E-07	3.31E-07	6.82E-08	6.78E-08	3.0934E-05
608227.41	4200786.75	9907.9481	0.21703	0.22007	0.03841	0.03712	0.02092	0.02083	2.76E-05	1.22E-06	1.25E-06	3.50E-07	3.37E-07	6.84E-08	6.80E-08	3.0908E-05
608227.41	4200794.35	9904.26188	0.21442	0.21746	0.03911	0.0378	0.02099	0.02089	2.76E-05	1.21E-06	1.24E-06	3.57E-07	3.43E-07	6.86E-08	6.82E-08	3.0882E-05
608227.41	4200801.95	9899.87094	0.21182	0.21486	0.03982	0.03849	0.02105	0.02095	2.76E-05	1.19E-06	1.22E-06	3.63E-07	3.50E-07	6.88E-08	6.84E-08	3.0853E-05
608227.41	4200809.55	9894.45831	0.20923	0.21227	0.04053	0.03919	0.02111	0.021	2.76E-05	1.18E-06	1.21E-06	3.70E-07	3.56E-07	6.90E-08	6.85E-08	3.0822E-05
608227.41	4200817.15	9888.25093	0.20665	0.20969	0.04124	0.03989	0.02117	0.02106	2.76E-05	1.16E-06	1.19E-06	3.76E-07	3.62E-07	6.92E-08	6.87E-08	3.0789E-05
608227.41	4200824.75	9881.3757	0.20409	0.20712	0.04196	0.04059	0.02123	0.02111	2.75E-05	1.15E-06	1.18E-06	3.83E-07	3.69E-07	6.94E-08	6.89E-08	3.0754E-05
608227.41	4200832.35	9873.90521	0.20155	0.20457	0.04268	0.0413	0.02128	0.02117	2.75E-05	1.13E-06	1.17E-06	3.89E-07	3.75E-07	6.96E-08	6.91E-08	3.0717E-05
608227.41	4200839.95	9866.10682	0.19903	0.20205	0.04341	0.04201	0.02134	0.02122	2.75E-05	1.12E-06	1.15E-06	3.96E-07	3.82E-07	6.98E-08	6.93E-08	3.0681E-05
608227.41	4200847.55	9857.80228	0.19653	0.19954	0.04413	0.04272	0.02139	0.02127	2.75E-05	1.11E-06	1.14E-06	4.03E-07	3.88E-07	7.00E-08	6.94E-08	3.0642E-05
608227.41	4200855.15	9848.83263	0.19405	0.19705	0.04486	0.04344	0.02144	0.02132	2.74E-05	1.09E-06	1.12E-06	4.09E-07	3.95E-07	7.01E-08	6.96E-08	3.0603E-05
608227.41	4200862.75	9839.03414	0.19159	0.19457	0.04559	0.04416	0.02149	0.02136	2.74E-05	1.08E-06	1.11E-06	4.16E-07	4.01E-07	7.03E-08	6.97E-08	3.0561E-05
608227.41	4200870.35	9828.72773	0.18914	0.19212	0.04633	0.04488	0.02154	0.02141	2.74E-05	1.06E-06	1.09E-06	4.23E-07	4.08E-07	7.04E-08	6.99E-08	3.0518E-05
608234.28	4200748.75	9855.17475	0.22613	0.22908	0.03491	0.03371	0.02052	0.02044	2.75E-05	1.27E-06	1.31E-06	3.18E-07	3.06E-07	6.71E-08	6.67E-08	3.0798E-05
608234.28	4200756.35	9854.95004	0.22356	0.22652	0.03557	0.03436	0.02059	0.0205	2.75E-05	1.26E-06	1.29E-06	3.24E-07	3.12E-07	6.73E-08	6.69E-08	3.0781E-05
608234.28	4200741.15	9854.41361	0.2287	0.23164	0.03425	0.03307	0.02045	0.02037	2.75E-05	1.29E-06	1.32E-06	3.12E-07	3.00E-07	6.69E-08	6.65E-08	3.0813E-05
608234.28	4200763.95	9853.95334	0.221	0.22396	0.03624	0.03501	0.02066	0.02057	2.75E-05	1.24E-06	1.28E-06	3.31E-07	3.18E-07	6.76E-08	6.71E-08	3.0762E-05
608234.28	4200771.55	9852.0447	0.21843	0.2214	0.03692	0.03567	0.02072	0.02063	2.75E-05	1.23E-06	1.26E-06	3.37E-07	3.24E-07	6.78E-08	6.73E-08	3.0740E-05
608234.28	4200779.15	9849.28431	0.21587	0.21884	0.0376	0.03633	0.02079	0.02069	2.74E-05	1.21E-06	1.25E-06	3.43E-07	3.30E-07	6.80E-08	6.75E-08	3.0716E-05
608234.28	4200786.75	9845.74882	0.21332	0.21629	0.03828	0.037	0.02085	0.02075	2.74E-05	1.20E-06	1.23E-06	3.49E-07	3.36E-07	6.82E-08	6.77E-08	3.0690E-05
608234.28	4200794.35	9841.62147	0.21078	0.21375	0.03898	0.03768	0.02091	0.02081	2.74E-05	1.19E-06	1.22E-06	3.56E-07	3.42E-07	6.84E-08	6.79E-08	3.0663E-05
608234.28	4200801.95	9837.35398	0.20826	0.21123	0.03967	0.03836	0.02097	0.02087	2.74E-05	1.17E-06	1.20E-06	3.62E-07	3.48E-07	6.86E-08	6.81E-08	3.0635E-05
608234.28	4200809.55	9831.8877	0.20575	0.20872	0.04037	0.03905	0.02103	0.02093	2.74E-05	1.16E-06	1.19E-06	3.68E-07	3.55E-07	6.88E-08	6.83E-08	3.0605E-05
608234.28	4200817.15	9825.65418	0.20324	0.20621	0.04108	0.03974	0.02109	0.02098	2.74E-05	1.14E-06	1.17E-06	3.75E-07	3.61E-07	6.90E-08	6.85E-08	3.0572E-05
608234.28	4200824.75	9818.58027	0.20075	0.20371	0.04178	0.04043	0.02115	0.02103	2.74E-05	1.13E-06	1.16E-06	3.81E-07	3.67E-07	6.92E-08	6.86E-08	3.0537E-05
608234.28	4200832.35	9811.01782	0.19828	0.20124	0.04249	0.04113	0.0212	0.02109	2.73E-05	1.12E-06	1.15E-06	3.88E-07	3.74E-07	6.93E-08	6.88E-08	3.0501E-05
608234.28	4200839.95	9802.86285	0.19583	0.19877	0.04321	0.04183	0.02125	0.02114	2.73E-05	1.10E-06	1.13E-06	3.94E-07	3.80E-07	6.95E-08	6.90E-08	3.0464E-05
608234.28	4200847.55	9794.39396	0.19339	0.19633	0.04392	0.04253	0.02131	0.02119	2.73E-05	1.09E-06	1.12E-06	4.01E-07	3.86E-07	6.97E-08	6.92E-08	3.0426E-05
608234.28	4200855.15	9785.54697	0.19098	0.19391	0.04464	0.04324	0.02136	0.02123	2.73E-05	1.07E-06	1.10E-06	4.07E-07	3.93E-07	6.99E-08	6.93E-08	3.0387E-05
608234.28	4200862.75	9775.88116	0.18858	0.1915	0.04536	0.04395	0.02141	0.02128	2.72E-05	1.06E-06	1.09E-06	4.14E-07	3.99E-07	7.00E-08	6.95E-08	3.0346E-05
608234.28	4200870.35	9765.62694	0.18621	0.18912	0.04608	0.04466	0.02145	0.02132	2.72E-05	1.05E-06	1.08E-06	4.20E-07	4.06E-07	7.01E-08	6.96E-08	3.0304E-05
608240.38	4200722.19	9795.95592	0.2313	0.23416	0.03258	0.03146	0.02021	0.02014	2.73E-05	1.30E-06	1.33E-06	2.97E-07	2.86E-07	6.61E-08	6.57E-08	3.0648E-05
608240.73	4200729.53	9795.29777	0.22868	0.23155	0.03319	0.03205	0.02028	0.0202	2.73E-05	1.29E-06	1.32E-06	3.03E-07	2.91E-07	6.63E-08	6.59E-08	3.0628E-05
608241.15	4200748.75	9794.2066	0.22213	0.22501	0.03482	0.03364	0.02045	0.02037	2.73E-05	1.25E-06	1.28E-06	3.18E-07	3.06E-07	6.69E-08	6.65E-08	3.0581E-05
608241.15	4200741.15	9793.86377	0.22462	0.2275	0.03417	0.033	0.02038	0.0203	2.73E-05	1.26E-06	1.30E-06	3.12E-07	3.00E-07	6.66E-08	6.63E-08	3.0596E-05
608241.15	4200756.35	9793.85438	0.21964	0.22253	0.03547	0.03427	0.02052	0.02043	2.73E-05	1.24E-06	1.27E-06	3.24E-07	3.11E-07	6.71E-08	6.67E-08	3.0564E-05
608241.15	4200763.95	9792.92109	0.21715	0.22005	0.03614	0.03492	0.02058	0.02049	2.73E-05	1.22E-06	1.25E-06	3.30E-07	3.17E-07	6.73E-08	6.69E-08	3.0546E-05
608241.15	4200771.55	9790.98439	0.21467	0.21757	0.0368	0.03557	0.02065	0.02056	2.73E-05	1.21E-06	1.24E-06	3.36E-07	3.23E-07	6.75E-08	6.71E-08	3.0524E-05
608241.15	4200779.15	9788.03634	0.21218	0.21509	0.03748	0.03623	0.02071	0.02062	2.73E-05	1.19E-06	1.23E-06	3.42E-07	3.29E-07	6.77E-08	6.73E-08	3.0501E-05
608241.15	4200786.75	9784.24173	0.20971	0.21261	0.03816	0.03689	0.02077	0.02068	2.73E-05	1.18E-06	1.21E-06	3.48E-07	3.35E-07	6.79E-08	6.75E-08	3.0475E-05
608241.15	4200794.35	9779.95779	0.20724	0.21014	0.03884	0.03756	0.02084	0.02074	2.73E-05	1.17E-06	1.20E-06	3.54E-07	3.41E-07	6.82E-08	6.77E-08	3.0448E-05
608241.15	4200801.95	9775.44615	0.20479	0.20769	0.03952	0.03823	0.0209	0.02079	2.72E-05	1.15E-06	1.18E-06	3.60E-07	3.47E-07	6.83E-08	6.79E-08	3.0420E-05
608241.15	4200809.55	9769.93472	0.20235	0.20525	0.04021	0.03891	0.02095	0.02085	2.72E-05	1.14E-06	1.17E-06	3.67E-07	3.53E-07	6.85E-08	6.81E-08	3.0390E-05
608241.15	4200817.15	9763.58126	0.19991	0.20281	0.04091	0.03959	0.02101	0.0209	2.72E-05	1.12E-06	1.16E-06	3.73E-07	3.60E-07	6.87E-08	6.82E-08	3.0357E-05
608241.15	4200824.75	9756.49987	0.19749	0.20039	0.0416	0.04027	0.02107	0.02095	2.72E-05	1.11E-06	1.14E-06	3.79E-07	3.66E-07	6.89E-08	6.84E-08	3.0323E-05
608241.15	4200832.35	9748.84897	0.19509	0.19798	0.0423	0.04096	0.02112	0.02101	2.72E-05	1.10E-06	1.13E-06	3.86E-07	3.72E-07	6.91E-08	6.86E-08	3.0287E-05
608241.15	4200839.95	9740.52227	0.1927	0.19558	0.04301	0.04165	0.02117	0.02106	2.71E-05	1.08E-06	1.11E-06	3.92E-07	3.78E-07	6.92E-08	6.87E-08	3.0250E-05
608241.15	4200847.55	9731.80331	0.19033	0.1932	0.04371	0.04234	0.02122	0.0211	2.71E-05	1.07E-06	1.10E-06	3.99E-07	3.85E-07	6.94E-08	6.89E-08	3.0212E-05
608241.15	4200855.15	9722.63601	0.18798	0.19084	0.04442	0.04304	0.02127	0.02115	2.71E-05	1.06E-06	1.09E-06	4.05E-07	3.91E-07	6.96E-08	6.90E-08	3.0173E-05
608241.15	4200862.75	9713.19416	0.18565	0.1885	0.04513	0.04374	0.02132	0.0212	2.71E-05	1.04E-06	1.07E-06	4.12E-07	3.97E-07	6.97E-08	6.92E-08	3.0133E-05
608241.15	4200870.35	9702.9918	0.18334	0.18618	0.04584	0.04444	0.02137	0.02124	2.70E-05	1.03E-06	1.06E-06	4.18E-07	4.04E-07	6.99E-08	6.93E-08	3.0092E-05
608248.02	4200741.15	9734.06265	0.22065	0.22346	0.03409	0.03293	0.02031	0.02023	2.71E-05	1.24E-06	1.27E-06	3.11E-07	2.99E-07	6.64E-08	6.60E-08	3.0382E-05
608248.02	4200748.75	9733.99057	0.21823	0.22105	0.03473	0.03356	0.02038	0.02029	2.71E-05	1.23E-06	1.26E-06	3.17E-07	3.05E-07	6.66E-08	6.62E-08	3.0367E-05
608248.02	4200756.35	9733.51166	0.21582	0.21864	0.03538	0.03419	0.02045	0.02036	2.71E-05	1.21E-06	1.25E-06	3.23E-07	3.11E-07	6.69E-08	6.65E-08	3.0350E-05
608248.02	4200763.95	9732.46144	0.21341	0.21624	0.03603	0.03483	0.02051	0.02042	2.71E-05	1.20E-06	1.23E-06	3.29E-07	3.16E-07	6.71E-08	6.67E-08	3.0332E-05
608248.02	4200771.55	9730.40949	0.21099	0.21383	0.03669	0.03547	0.02058	0.02048	2.71E-05	1.19E-06	1.22E-06	3.35E-07	3.22E-07	6.73E-08	6.68E-08	3.0311E-05
608248.02	4200779.15	9727.27865	0.20858	0.21142	0.03736	0.03612	0.02064	0.02054	2.71E-05	1.17E-06	1.20E-06	3.41E-07	3.28E-07	6.75E-08	6.70E-08	3.0288E-05
608248.02	4200786.75	9723.3231	0.20618	0.20902	0.03803	0.03678	0.0207	0.0206	2.71E-05	1.16E-06	1.19E-06	3.47E-07	3.34E-07	6.77E-08	6.72E-08	3.0262E-05
608248.02	4200794.35	9718.88971	0.20378	0.20662	0.0387	0.03743	0.02076	0.02066	2.71E-05	1.15E-06	1.18E-06	3.53E-07	3.40E-07	6.79E-08	6.74E-08	3.0235E-05
608248.02	4200801.95	9713.95736	0.20139	0.20423	0.03938	0.0381	0.02082	0.02072	2.71E-05	1.13E-06	1.16E-06	3.59E-07	3.46E-07	6.81E-08	6.76E-08	3.0207E-05
608248.02	4200809.55	9708.40852	0.19902	0.20186	0.04006	0.03877	0.02088	0.02077	2.71E-05	1.12E-06	1.15E-06	3.65E-07	3.52E-07	6.83E-08	6.78E-08	3.0177E-05
608248.02	4200817.15	9702.03578	0.19666	0.19949	0.04074	0.03944	0.02093	0.02082	2.70E-05	1.11E-06	1.14E-06	3.72E-07	3.58E-07	6.84E-08	6.80E-08	3.0145E-05
608248.02	4200824.75	9694.94784	0.1943	0.19714	0.04143	0.04011	0.02099	0.02088	2.70E-05	1.09E-06	1.12E-06	3.78E-07	3.64E-07	6.86E-08	6.82E-08	3.0112E-05
608248.02	4200832.35	9687.20866	0.19196	0.19479	0.04212	0.04079	0.02104	0.02093	2.70E-05	1.08E-06	1.11E-06	3.84E-07	3.71E-07	6.88E-08	6.83E-08	3.0076E-05
608248.02	4200839.95	9678.89537	0.18964	0.19246	0.04282	0.04147	0.02109	0.02097	2.70E-05	1.07E-06	1.10E-06	3.91E-07	3.77E-07	6.90E-08	6.84E-08	3.0040E-05
608248.02	4200847.55	9669.93162	0.18733	0.19014	0.04351	0.04216	0.02114	0.02102	2.69E-05	1.05E-06	1.08E-06	3.97E-07	3.83E-07	6.91E-08	6.86E-08	3.0001E-05
608248.02	4200855.15	9660.62788	0.18504	0.18784	0.04421	0.04284	0.02119	0.02107	2.69E-05	1.04E-06	1.07E-06	4.03E-07	3.89E-07	6.93E-08	6.88E-08	2.9962E-05
608248.02	4200862.75	9650.96944	0.18277	0.18556	0.04491	0.04353	0.02124	0.02111	2.69E-05	1.03E-06	1.06E-06	4.10E-07	3.95E-07	6.95E-08	6.89E-08	2.9923E-05
608248.02	4200870.35	9640.90475	0.18052	0.1833	0.0456	0.04422	0.02128	0.02116	2.69E-05	1.02E-06	1.04E-06	4.16E-07	4.02E-07	6.96E-08	6.91E-08	2.9882E-05
608248.07	4200730.93	9732.28118	0.22387	0.22667	0.03323	0.0321	0.02022	0.02014	2.71E-05	1.26E-06	1.29E-06	3.03E-07	2.92E-07	6.61E-08	6.57E-08	3.0398E-05
608248.42	4200723.59	9727.33295	0.22599	0.22877	0.03262	0.03151	0.02014	0.02007	2.71E-05	1.27E-06	1.30E-06	2.98E-07	2.86E-07	6.59E-08	6.55E-08	3.0396E-05
608254.89	4200741.15	9674.90155	0.21678	0.21953	0.034	0.03287	0.02024	0.02016	2.70E-05	1.22E-06	1.25E-06	3.10E-07	2.99E-07	6.62E-08	6.58E-08	3.0171E-05
608254.89	4200748.75	9674.60327	0.21443	0.21719	0.03464	0.03349	0.02031	0.02022	2.70E-05	1.21E-06	1.24E-06	3.16E-07	3.04E-07	6.64E-08	6.60E-08	3.0156E-05
608254.89	4200756.35	9673.82029	0.21209	0.21485	0.03528	0.03411	0.02037	0.02029	2.70E-05	1.19E-06	1.22E-06	3.22E-07	3.10E-07	6.66E-08	6.62E-08	3.0139E-05
608254.89	4200763.95	9672.47297	0.20975	0.21252	0.03593	0.03474	0.02044	0.02035	2.70E-05	1.18E-06	1.21E-06	3.28E-07	3.16E-07	6.68E-08	6.64E-08	3.0121E-05
608254.89	4200771.55	9670.31749	0.20741	0.21018	0.03658	0.03538	0.0205	0.02041	2.69E-05	1.17E-06	1.20E-06	3.34E-07	3.21E-07	6.70E-08	6.66E-08	3.0101E-05
608254.89	4200779.15	9667.09805	0.20507	0.20784	0.03724	0.03602	0.02057	0.02047	2.69E-05	1.15E-06	1.18E-06	3.40E-07	3.27E-07	6.73E-08	6.68E-08	3.0077E-05
608254.89	4200786.75	9663.07652	0.20273	0.20551	0.0379	0.03666	0.02063	0.02053	2.69E-05	1.14E-06	1.17E-06	3.46E-07	3.33E-07	6.75E-08	6.70E-08	3.0052E-05
608254.89	4200794.35	9658.41196	0.2004	0.20318	0.03856	0.03731	0.02068	0.02058	2.69E-05	1.13E-06	1.16E-06	3.52E-07	3.39E-07	6.76E-08	6.72E-08	3.0025E-05
608254.89	4200801.95	9653.06719	0.19808	0.20086	0.03923	0.03797	0.02074	0.02064	2.69E-05	1.11E-06	1.14E-06	3.58E-07	3.45E-07	6.78E-08	6.74E-08	2.9996E-05
608254.89	4200809.55	9647.39737	0.19577	0.19855	0.0399	0.03863	0.0208	0.02069	2.69E-05	1.10E-06	1.13E-06	3.64E-07	3.51E-07	6.80E-08	6.75E-08	2.9967E-05
608254.89	4200817.15	9641.00329	0.19347	0.19625	0.04058	0.03929	0.02085	0.02075	2.69E-05	1.09E-06	1.12E-06	3.70E-07	3.57E-07	6.82E-08	6.77E-08	2.9935E-05
608254.89	4200824.75	9634.00355	0.19119	0.19396	0.04126	0.03996	0.02091	0.0208	2.68E-05	1.08E-06	1.11E-06	3.76E-07	3.63E-07	6.84E-08	6.79E-08	2.9903E-05
608254.89	4200832.35	9626.18134	0.18891	0.19168	0.04194	0.04062	0.02096	0.02085	2.68E-05	1.06E-06	1.09E-06	3.83E-07	3.69E-07	6.85E-08	6.81E-08	2.9868E-05
608254.89	4200839.95	9617.79409	0.18665	0.18941	0.04262	0.0413	0.02101	0.02089	2.68E-05	1.05E-06	1.08E-06	3.89E-07	3.75E-07	6.87E-08	6.82E-08	2.9831E-05
608254.89	4200847.55	9608.85575	0.1844	0.18715	0.04331	0.04197	0.02106	0.02094	2.68E-05	1.04E-06	1.07E-06	3.95E-07	3.81E-07	6.89E-08	6.83E-08	2.9793E-05
608254.89	4200855.15	9599.33225	0.18217	0.18491	0.04399	0.04265	0.02111	0.02099	2.68E-05	1.02E-06	1.05E-06	4.01E-07	3.87E-07	6.90E-08	6.85E-08	2.9754E-05
608254.89	4200862.75	9589.46253	0.17996	0.18269	0.04468	0.04333	0.02115	0.02103	2.67E-05	1.01E-06	1.04E-06	4.08E-07	3.94E-07	6.92E-08	6.86E-08	2.9715E-05
608254.89	4200870.35	9579.36366	0.17777	0.18049	0.04537	0.04401	0.0212	0.02107	2.67E-05	1.00E-06	1.03E-06	4.14E-07	4.00E-07	6.93E-08	6.88E-08	2.9674E-05
608255.41	4200731.98	9669.59755	0.21931	0.22205	0.03324	0.03212	0.02015	0.02008	2.69E-05	1.23E-06	1.27E-06	3.03E-07	2.92E-07	6.59E-08	6.55E-08	3.0171E-05
608255.76	4200725.34	9665.05931	0.22115	0.22387	0.03269	0.03159	0.02009	0.02001	2.69E-05	1.24E-06	1.28E-06	2.98E-07	2.87E-07	6.57E-08	6.53E-08	3.0169E-05
608261.76	4200741.15	9616.28712	0.21301	0.2157	0.03392	0.0328	0.02017	0.02009	2.68E-05	1.20E-06	1.23E-06	3.09E-07	2.98E-07	6.60E-08	6.56E-08	2.9963E-05
608261.76	4200748.75	9615.85727	0.21073	0.21343	0.03455	0.03341	0.02024	0.02016	2.68E-05	1.19E-06	1.22E-06	3.15E-07	3.03E-07	6.62E-08	6.58E-08	2.9948E-05
608261.76	4200756.35	9614.68859	0.20845	0.21116	0.03518	0.03403	0.0203	0.02022	2.68E-05	1.17E-06	1.20E-06	3.21E-07	3.09E-07	6.64E-08	6.60E-08	2.9931E-05
608261.76	4200763.95	9612.95237	0.20618	0.20889	0.03582	0.03465	0.02037	0.02028	2.68E-05	1.16E-06	1.19E-06	3.27E-07	3.15E-07	6.66E-08	6.62E-08	2.9912E-05
608261.76	4200771.55	9610.70073	0.20391	0.20662	0.03647	0.03528	0.02043	0.02034	2.68E-05	1.15E-06	1.18E-06	3.33E-07	3.20E-07	6.68E-08	6.64E-08	2.9892E-05
608261.76	4200779.15	9607.40546	0.20163	0.20435	0.03711	0.03591	0.02049	0.0204	2.68E-05	1.13E-06	1.16E-06	3.38E-07	3.26E-07	6.70E-08	6.66E-08	2.9869E-05
608261.76	4200786.75	9603.31846	0.19937	0.20208	0.03777	0.03655	0.02055	0.02045	2.68E-05	1.12E-06	1.15E-06	3.45E-07	3.32E-07	6.72E-08	6.67E-08	2.9844E-05
608261.76	4200794.35	9598.51337	0.1971	0.19982	0.03842	0.03719	0.02061	0.02051	2.67E-05	1.11E-06	1.14E-06	3.50E-07	3.38E-07	6.74E-08	6.69E-08	2.9817E-05
608261.76	4200801.95	9592.94747	0.19484	0.19756	0.03908	0.03784	0.02067	0.02056	2.67E-05	1.10E-06	1.13E-06	3.56E-07	3.44E-07	6.76E-08	6.71E-08	2.9789E-05
608261.76	4200809.55	9586.98357	0.1926	0.19531	0.03975	0.03849	0.02072	0.02062	2.67E-05	1.08E-06	1.11E-06	3.63E-07	3.50E-07	6.78E-08	6.73E-08	2.9759E-05
608261.76	4200817.15	9580.47894	0.19036	0.19307	0.04041	0.03914	0.02078	0.02067	2.67E-05	1.07E-06	1.10E-06	3.69E-07	3.56E-07	6.80E-08	6.75E-08	2.9728E-05
608261.76	4200824.75	9573.5672	0.18814	0.19085	0.04108	0.0398	0.02083	0.02072	2.67E-05	1.06E-06	1.09E-06	3.75E-07	3.62E-07	6.81E-08	6.76E-08	2.9696E-05
608261.76	4200832.35	9565.75526	0.18593	0.18863	0.04175	0.04046	0.02088	0.02077	2.67E-05	1.05E-06	1.07E-06	3.81E-07	3.68E-07	6.83E-08	6.78E-08	2.9661E-05
608261.76	4200839.95	9557.30013	0.18373	0.18642	0.04243	0.04112	0.02093	0.02081	2.66E-05	1.03E-06	1.06E-06	3.87E-07	3.74E-07	6.84E-08	6.79E-08	2.9625E-05
608261.76	4200847.55	9548.30529	0.18154	0.18423	0.0431	0.04179	0.02098	0.02086	2.66E-05	1.02E-06	1.05E-06	3.93E-07	3.80E-07	6.86E-08	6.81E-08	2.9588E-05
608261.76	4200855.15	9538.82755	0.17937	0.18205	0.04378	0.04245	0.02103	0.0209	2.66E-05	1.01E-06	1.04E-06	3.99E-07	3.86E-07	6.88E-08	6.82E-08	2.9549E-05
608261.76	4200862.75	9528.7489	0.17721	0.17988	0.04446	0.04312	0.02107	0.02095	2.66E-05	9.97E-07	1.02E-06	4.06E-07	3.92E-07	6.89E-08	6.84E-08	2.9509E-05
608261.76	4200870.35	9518.45066	0.17507	0.17773	0.04514	0.0438	0.02112	0.02099	2.65E-05	9.85E-07	1.01E-06	4.12E-07	3.98E-07	6.91E-08	6.85E-08	2.9469E-05
608268.63	4200741.15	9557.74962	0.20932	0.21195	0.03384	0.03273	0.0201	0.02002	2.66E-05	1.18E-06	1.21E-06	3.09E-07	2.97E-07	6.57E-08	6.53E-08	2.9756E-05
608268.63	4200748.75	9557.28778	0.20711	0.20975	0.03446	0.03333	0.02017	0.02009	2.66E-05	1.16E-06	1.20E-06	3.14E-07	3.03E-07	6.60E-08	6.56E-08	2.9741E-05
608268.63	4200756.35	9556.10653	0.20491	0.20755	0.03508	0.03394	0.02023	0.02015	2.66E-05	1.15E-06	1.18E-06	3.20E-07	3.08E-07	6.62E-08	6.58E-08	2.9725E-05
608268.63	4200763.95	9554.07661	0.20269	0.20535	0.03572	0.03456	0.0203	0.02021	2.66E-05	1.14E-06	1.17E-06	3.26E-07	3.14E-07	6.64E-08	6.60E-08	2.9706E-05
608268.63	4200771.55	9551.82203	0.20049	0.20315	0.03635	0.03518	0.02036	0.02027	2.66E-05	1.13E-06	1.16E-06	3.32E-07	3.20E-07	6.66E-08	6.62E-08	2.9687E-05
608268.63	4200779.15	9548.367	0.19828	0.20094	0.03699	0.03581	0.02042	0.02032	2.66E-05	1.12E-06	1.14E-06	3.37E-07	3.25E-07	6.68E-08	6.63E-08	2.9664E-05
608268.63	4200786.75	9544.12785	0.19608	0.19874	0.03764	0.03644	0.02048	0.02038	2.66E-05	1.10E-06	1.13E-06	3.43E-07	3.31E-07	6.70E-08	6.65E-08	2.9639E-05
608268.63	4200794.35	9539.18592	0.19388	0.19654	0.03828	0.03707	0.02054	0.02043	2.66E-05	1.09E-06	1.12E-06	3.49E-07	3.37E-07	6.72E-08	6.67E-08	2.9612E-05
608268.63	4200801.95	9533.58359	0.19168	0.19434	0.03893	0.03771	0.02059	0.02049	2.66E-05	1.08E-06	1.11E-06	3.55E-07	3.43E-07	6.73E-08	6.69E-08	2.9584E-05
608268.63	4200809.55	9527.24443	0.1895	0.19215	0.03959	0.03835	0.02065	0.02054	2.65E-05	1.07E-06	1.09E-06	3.61E-07	3.48E-07	6.75E-08	6.70E-08	2.9554E-05
608268.63	4200817.15	9520.63652	0.18732	0.18998	0.04025	0.03899	0.0207	0.02059	2.65E-05	1.05E-06	1.08E-06	3.67E-07	3.54E-07	6.77E-08	6.72E-08	2.9523E-05
608268.63	4200824.75	9513.80838	0.18516	0.18781	0.04091	0.03964	0.02075	0.02064	2.65E-05	1.04E-06	1.07E-06	3.73E-07	3.60E-07	6.79E-08	6.74E-08	2.9492E-05
608268.63	4200832.35	9505.9267	0.18301	0.18565	0.04157	0.04029	0.0208	0.02069	2.65E-05	1.03E-06	1.06E-06	3.79E-07	3.66E-07	6.80E-08	6.75E-08	2.9458E-05
608268.63	4200839.95	9497.40682	0.18087	0.1835	0.04224	0.04095	0.02085	0.02073	2.65E-05	1.02E-06	1.05E-06	3.85E-07	3.72E-07	6.82E-08	6.77E-08	2.9422E-05
608268.63	4200847.55	9488.35892	0.17874	0.18137	0.0429	0.0416	0.0209	0.02078	2.64E-05	1.01E-06	1.03E-06	3.91E-07	3.78E-07	6.83E-08	6.78E-08	2.9385E-05
608268.63	4200855.15	9478.84143	0.17662	0.17924	0.04357	0.04226	0.02095	0.02082	2.64E-05	9.93E-07	1.02E-06	3.97E-07	3.84E-07	6.85E-08	6.80E-08	2.9347E-05
608268.63	4200862.75	9468.82005	0.17452	0.17713	0.04424	0.04292	0.02099	0.02086	2.64E-05	9.82E-07	1.01E-06	4.04E-07	3.90E-07	6.86E-08	6.81E-08	2.9307E-05
608268.63	4200870.35	9458.33222	0.17244	0.17504	0.04491	0.04358	0.02103	0.02091	2.64E-05	9.70E-07	9.97E-07	4.10E-07	3.96E-07	6.88E-08	6.83E-08	2.9267E-05
608275.5	4200733.55	9499.8282	0.20786	0.21043	0.03315	0.03206	0.01997	0.01989	2.65E-05	1.17E-06	1.20E-06	3.02E-07	2.91E-07	6.53E-08	6.49E-08	2.9565E-05
608275.5	4200741.15	9499.74887	0.20572	0.2083	0.03375	0.03266	0.02003	0.01995	2.65E-05	1.16E-06	1.19E-06	3.08E-07	2.97E-07	6.55E-08	6.51E-08	2.9551E-05
608275.5	4200748.75	9499.34432	0.20359	0.20617	0.03437	0.03325	0.0201	0.02002	2.65E-05	1.15E-06	1.17E-06	3.14E-07	3.02E-07	6.57E-08	6.53E-08	2.9538E-05
608275.5	4200756.35	9498.14991	0.20144	0.20403	0.03499	0.03386	0.02016	0.02008	2.65E-05	1.13E-06	1.16E-06	3.19E-07	3.08E-07	6.59E-08	6.55E-08	2.9522E-05
608275.5	4200763.95	9496.01753	0.1993	0.20189	0.03561	0.03447	0.02023	0.02014	2.65E-05	1.12E-06	1.15E-06	3.25E-07	3.13E-07	6.62E-08	6.57E-08	2.9503E-05
608275.5	4200771.55	9493.31636	0.19715	0.19975	0.03624	0.03508	0.02029	0.02019	2.65E-05	1.11E-06	1.14E-06	3.31E-07	3.19E-07	6.64E-08	6.59E-08	2.9483E-05
608275.5	4200779.15	9489.79778	0.19501	0.19761	0.03687	0.0357	0.02035	0.02025	2.64E-05	1.10E-06	1.13E-06	3.36E-07	3.24E-07	6.66E-08	6.61E-08	2.9461E-05
608275.5	4200786.75	9485.50151	0.19287	0.19547	0.03751	0.03632	0.0204	0.02031	2.64E-05	1.08E-06	1.11E-06	3.42E-07	3.30E-07	6.67E-08	6.63E-08	2.9436E-05
608275.5	4200794.35	9480.42712	0.19073	0.19333	0.03814	0.03695	0.02046	0.02036	2.64E-05	1.07E-06	1.10E-06	3.48E-07	3.36E-07	6.69E-08	6.65E-08	2.9410E-05
608275.5	4200801.95	9474.70312	0.1886	0.1912	0.03879	0.03758	0.02052	0.02041	2.64E-05	1.06E-06	1.09E-06	3.54E-07	3.41E-07	6.71E-08	6.66E-08	2.9382E-05
608275.5	4200809.55	9468.34571	0.18647	0.18907	0.03943	0.03821	0.02057	0.02046	2.64E-05	1.05E-06	1.08E-06	3.60E-07	3.47E-07	6.73E-08	6.68E-08	2.9352E-05
608275.5	4200817.15	9461.5538	0.18435	0.18695	0.04008	0.03885	0.02062	0.02051	2.64E-05	1.04E-06	1.07E-06	3.66E-07	3.53E-07	6.74E-08	6.69E-08	2.9321E-05
608275.5	4200824.75	9454.46179	0.18225	0.18484	0.04073	0.03949	0.02067	0.02056	2.63E-05	1.02E-06	1.05E-06	3.72E-07	3.59E-07	6.76E-08	6.71E-08	2.9289E-05
608275.5	4200832.35	9446.59858	0.18016	0.18274	0.04139	0.04013	0.02072	0.02061	2.63E-05	1.01E-06	1.04E-06	3.78E-07	3.65E-07	6.78E-08	6.73E-08	2.9256E-05
608275.5	4200839.95	9438.10845	0.17807	0.18065	0.04204	0.04078	0.02077	0.02066	2.63E-05	1.00E-06	1.03E-06	3.83E-07	3.70E-07	6.79E-08	6.74E-08	2.9221E-05
608275.5	4200847.55	9429.00972	0.176	0.17857	0.0427	0.04142	0.02082	0.0207	2.63E-05	9.90E-07	1.02E-06	3.89E-07	3.76E-07	6.81E-08	6.76E-08	2.9184E-05
608275.5	4200855.15	9419.45429	0.17394	0.1765	0.04336	0.04207	0.02086	0.02074	2.62E-05	9.78E-07	1.01E-06	3.96E-07	3.82E-07	6.82E-08	6.77E-08	2.9146E-05
608275.5	4200862.75	9409.40313	0.17189	0.17444	0.04402	0.04272	0.02091	0.02078	2.62E-05	9.67E-07	9.94E-07	4.02E-07	3.88E-07	6.84E-08	6.78E-08	2.9107E-05
608275.5	4200870.35	9398.90387	0.16986	0.1724	0.04468	0.04338	0.02095	0.02082	2.62E-05	9.55E-07	9.82E-07	4.08E-07	3.94E-07	6.85E-08	6.80E-08	2.9067E-05
608282.37	4200733.55	9443.10275	0.2043	0.20681	0.03307	0.032	0.0199	0.01982	2.63E-05	1.15E-06	1.18E-06	3.02E-07	2.91E-07	6.51E-08	6.47E-08	2.9364E-05
608282.37	4200741.15	9442.72408	0.20222	0.20474	0.03367	0.03258	0.01997	0.01988	2.63E-05	1.14E-06	1.17E-06	3.07E-07	2.96E-07	6.53E-08	6.49E-08	2.9351E-05
608282.37	4200748.75	9442.02756	0.20014	0.20267	0.03428	0.03318	0.02003	0.01995	2.63E-05	1.13E-06	1.15E-06	3.13E-07	3.01E-07	6.55E-08	6.51E-08	2.9337E-05
608282.37	4200756.35	9440.63584	0.19806	0.2006	0.03489	0.03377	0.02009	0.02001	2.63E-05	1.11E-06	1.14E-06	3.18E-07	3.07E-07	6.57E-08	6.53E-08	2.9321E-05
608282.37	4200763.95	9438.32018	0.19598	0.19852	0.0355	0.03437	0.02015	0.02006	2.63E-05	1.10E-06	1.13E-06	3.24E-07	3.12E-07	6.59E-08	6.55E-08	2.9302E-05
608282.37	4200771.55	9435.19048	0.19389	0.19644	0.03612	0.03498	0.02021	0.02012	2.63E-05	1.09E-06	1.12E-06	3.29E-07	3.18E-07	6.61E-08	6.57E-08	2.9281E-05
608282.37	4200779.15	9431.60128	0.19181	0.19436	0.03675	0.03559	0.02027	0.02018	2.63E-05	1.08E-06	1.11E-06	3.35E-07	3.23E-07	6.63E-08	6.59E-08	2.9259E-05
608282.37	4200786.75	9427.34066	0.18973	0.19228	0.03738	0.03621	0.02033	0.02023	2.63E-05	1.07E-06	1.10E-06	3.41E-07	3.29E-07	6.65E-08	6.60E-08	2.9236E-05
608282.37	4200794.35	9422.31531	0.18766	0.1902	0.03801	0.03682	0.02039	0.02029	2.63E-05	1.06E-06	1.08E-06	3.47E-07	3.34E-07	6.67E-08	6.62E-08	2.9210E-05
608282.37	4200801.95	9416.4767	0.18558	0.18813	0.03864	0.03745	0.02044	0.02034	2.62E-05	1.04E-06	1.07E-06	3.52E-07	3.40E-07	6.68E-08	6.64E-08	2.9182E-05
608282.37	4200809.55	9409.92988	0.18351	0.18605	0.03928	0.03807	0.02049	0.02039	2.62E-05	1.03E-06	1.06E-06	3.58E-07	3.46E-07	6.70E-08	6.66E-08	2.9152E-05
608282.37	4200817.15	9402.95744	0.18145	0.18399	0.03992	0.0387	0.02055	0.02044	2.62E-05	1.02E-06	1.05E-06	3.64E-07	3.52E-07	6.72E-08	6.67E-08	2.9121E-05
608282.37	4200824.75	9395.44062	0.1794	0.18194	0.04056	0.03933	0.0206	0.02048	2.62E-05	1.01E-06	1.04E-06	3.70E-07	3.57E-07	6.74E-08	6.68E-08	2.9089E-05
608282.37	4200832.35	9387.85863	0.17736	0.1799	0.04121	0.03997	0.02065	0.02053	2.62E-05	9.97E-07	1.02E-06	3.76E-07	3.63E-07	6.75E-08	6.70E-08	2.9057E-05
608282.37	4200839.95	9379.39252	0.17534	0.17786	0.04185	0.0406	0.02069	0.02058	2.61E-05	9.86E-07	1.01E-06	3.82E-07	3.69E-07	6.77E-08	6.72E-08	2.9022E-05
608282.37	4200847.55	9370.24971	0.17332	0.17583	0.0425	0.04124	0.02074	0.02062	2.61E-05	9.75E-07	1.00E-06	3.88E-07	3.75E-07	6.78E-08	6.73E-08	2.8986E-05
608282.37	4200855.15	9360.65723	0.17131	0.17382	0.04315	0.04188	0.02078	0.02066	2.61E-05	9.63E-07	9.90E-07	3.94E-07	3.80E-07	6.80E-08	6.74E-08	2.8948E-05
608282.37	4200862.75	9350.58327	0.16932	0.17181	0.0438	0.04253	0.02083	0.0207	2.61E-05	9.52E-07	9.79E-07	4.00E-07	3.86E-07	6.81E-08	6.76E-08	2.8910E-05
608282.37	4200870.35	9340.07314	0.16734	0.16982	0.04445	0.04317	0.02087	0.02074	2.60E-05	9.41E-07	9.68E-07	4.05E-07	3.92E-07	6.83E-08	6.77E-08	2.8870E-05
608289.24	4200733.55	9387.07089	0.20082	0.20328	0.03299	0.03193	0.01984	0.01976	2.62E-05	1.13E-06	1.16E-06	3.01E-07	2.90E-07	6.49E-08	6.45E-08	2.9167E-05
608289.24	4200741.15	9386.39451	0.1988	0.20127	0.03359	0.03251	0.0199	0.01982	2.62E-05	1.12E-06	1.15E-06	3.06E-07	2.95E-07	6.51E-08	6.47E-08	2.9153E-05
608289.24	4200748.75	9385.23675	0.19678	0.19926	0.03419	0.0331	0.01996	0.01988	2.62E-05	1.11E-06	1.14E-06	3.12E-07	3.01E-07	6.53E-08	6.49E-08	2.9138E-05
608289.24	4200756.35	9383.47253	0.19476	0.19724	0.03479	0.03369	0.02002	0.01994	2.61E-05	1.10E-06	1.12E-06	3.17E-07	3.06E-07	6.55E-08	6.51E-08	2.9122E-05
608289.24	4200763.95	9381.16006	0.19274	0.19523	0.0354	0.03428	0.02008	0.01999	2.61E-05	1.08E-06	1.11E-06	3.23E-07	3.11E-07	6.57E-08	6.52E-08	2.9104E-05
608289.24	4200771.55	9377.87356	0.19071	0.1932	0.03601	0.03488	0.02014	0.02005	2.61E-05	1.07E-06	1.10E-06	3.28E-07	3.17E-07	6.59E-08	6.54E-08	2.9083E-05
608289.24	4200779.15	9373.95147	0.18869	0.19118	0.03662	0.03548	0.0202	0.02011	2.61E-05	1.06E-06	1.09E-06	3.34E-07	3.22E-07	6.61E-08	6.56E-08	2.9060E-05
608289.24	4200786.75	9369.46769	0.18666	0.18916	0.03724	0.03609	0.02026	0.02016	2.61E-05	1.05E-06	1.08E-06	3.40E-07	3.28E-07	6.63E-08	6.58E-08	2.9037E-05

608289.24	4200794.35	9364.58316	0.18465	0.18714	0.03787	0.0367	0.02031	0.02021	2.61E-05	1.04E-06	1.07E-06	3.45E-07	3.33E-07	6.64E-08	6.60E-08	2.901ZE-05
608289.24	4200801.95	9358.64065	0.18263	0.18512	0.03849	0.03732	0.02037	0.02026	2.61E-05	1.03E-06	1.05E-06	3.51E-07	3.39E-07	6.66E-08	6.61E-08	2.898AE-05
608289.24	4200809.55	9352.16178	0.18062	0.18311	0.03912	0.03793	0.02042	0.02031	2.61E-05	1.02E-06	1.04E-06	3.57E-07	3.45E-07	6.68E-08	6.63E-08	2.895SE-05
608289.24	4200817.15	9344.93118	0.17861	0.1811	0.03975	0.03855	0.02047	0.02036	2.60E-05	1.00E-06	1.03E-06	3.63E-07	3.50E-07	6.69E-08	6.65E-08	2.892AE-05
608289.24	4200824.75	9337.25631	0.17661	0.1791	0.04039	0.03918	0.02052	0.02041	2.60E-05	9.93E-07	1.02E-06	3.68E-07	3.56E-07	6.71E-08	6.66E-08	2.889JE-05
608289.24	4200832.35	9329.69387	0.17463	0.17711	0.04103	0.03981	0.02057	0.02045	2.60E-05	9.82E-07	1.01E-06	3.74E-07	3.62E-07	6.73E-08	6.67E-08	2.886GE-05
608289.24	4200839.95	9321.25436	0.17266	0.17513	0.04166	0.04043	0.02061	0.0205	2.60E-05	9.71E-07	9.98E-07	3.80E-07	3.67E-07	6.74E-08	6.69E-08	2.882GE-05
608289.24	4200847.55	9312.15362	0.17069	0.17316	0.0423	0.04106	0.02066	0.02054	2.59E-05	9.60E-07	9.87E-07	3.86E-07	3.73E-07	6.76E-08	6.70E-08	2.879OE-05
608289.24	4200855.15	9302.44336	0.16874	0.17119	0.04294	0.0417	0.0207	0.02058	2.59E-05	9.49E-07	9.75E-07	3.92E-07	3.79E-07	6.77E-08	6.72E-08	2.875ZE-05
608289.24	4200862.75	9292.35001	0.16679	0.16924	0.04359	0.04233	0.02075	0.02062	2.59E-05	9.38E-07	9.64E-07	3.98E-07	3.85E-07	6.79E-08	6.73E-08	2.871AE-05
608289.24	4200870.35	9281.82957	0.16487	0.1673	0.04423	0.04296	0.02079	0.02066	2.59E-05	9.27E-07	9.53E-07	4.03E-07	3.90E-07	6.80E-08	6.74E-08	2.867SE-05
608296.11	4200733.55	9331.36512	0.19743	0.19983	0.03292	0.03187	0.01977	0.01969	2.60E-05	1.11E-06	1.14E-06	3.00E-07	2.90E-07	6.47E-08	6.43E-08	2.897TE-05
608296.11	4200741.15	9330.65876	0.19547	0.19789	0.0335	0.03244	0.01983	0.01975	2.60E-05	1.10E-06	1.13E-06	3.06E-07	2.95E-07	6.49E-08	6.45E-08	2.895BE-05
608296.11	4200748.75	9329.13449	0.19351	0.19593	0.03409	0.03302	0.01989	0.01981	2.60E-05	1.09E-06	1.12E-06	3.11E-07	3.00E-07	6.50E-08	6.47E-08	2.894ZE-05
608296.11	4200756.35	9327.0985	0.19154	0.19397	0.03469	0.0336	0.01995	0.01987	2.60E-05	1.08E-06	1.11E-06	3.16E-07	3.05E-07	6.52E-08	6.49E-08	2.892KE-05
608296.11	4200763.95	9324.35747	0.18957	0.19201	0.03529	0.03419	0.02001	0.01992	2.60E-05	1.07E-06	1.09E-06	3.22E-07	3.11E-07	6.54E-08	6.50E-08	2.890TE-05
608296.11	4200771.55	9321.0897	0.18761	0.19004	0.0359	0.03478	0.02007	0.01998	2.60E-05	1.06E-06	1.08E-06	3.27E-07	3.16E-07	6.56E-08	6.52E-08	2.888TE-05
608296.11	4200779.15	9316.9288	0.18564	0.18807	0.0365	0.03538	0.02013	0.02003	2.60E-05	1.04E-06	1.07E-06	3.33E-07	3.21E-07	6.58E-08	6.54E-08	2.886AE-05
608296.11	4200786.75	9312.23253	0.18367	0.18611	0.03712	0.03598	0.02018	0.02009	2.59E-05	1.03E-06	1.06E-06	3.39E-07	3.27E-07	6.60E-08	6.56E-08	2.884OE-05
608296.11	4200794.35	9307.1439	0.18171	0.18415	0.03773	0.03658	0.02024	0.02014	2.59E-05	1.02E-06	1.05E-06	3.44E-07	3.32E-07	6.62E-08	6.57E-08	2.881SE-05
608296.11	4200801.95	9301.18365	0.17974	0.18218	0.03835	0.03719	0.02029	0.02019	2.59E-05	1.01E-06	1.04E-06	3.50E-07	3.38E-07	6.64E-08	6.59E-08	2.878BE-05
608296.11	4200809.55	9294.69519	0.17779	0.18022	0.03897	0.0378	0.02034	0.02024	2.59E-05	1.00E-06	1.03E-06	3.55E-07	3.43E-07	6.65E-08	6.61E-08	2.875IE-05
608296.11	4200817.15	9287.54872	0.17584	0.17827	0.03959	0.03841	0.02039	0.02028	2.59E-05	9.89E-07	1.02E-06	3.61E-07	3.49E-07	6.67E-08	6.62E-08	2.872IE-05
608296.11	4200824.75	9279.8082	0.17388	0.17632	0.04022	0.03902	0.02044	0.02033	2.59E-05	9.78E-07	1.00E-06	3.67E-07	3.54E-07	6.68E-08	6.64E-08	2.869TE-05
608296.11	4200832.35	9272.01242	0.17196	0.17439	0.04085	0.03964	0.02049	0.02038	2.58E-05	9.67E-07	9.94E-07	3.73E-07	3.60E-07	6.70E-08	6.65E-08	2.866SE-05
608296.11	4200839.95	9263.60093	0.17004	0.17246	0.04148	0.04026	0.02054	0.02042	2.58E-05	9.56E-07	9.83E-07	3.78E-07	3.66E-07	6.72E-08	6.67E-08	2.863JE-05
608296.11	4200847.55	9254.54912	0.16813	0.17054	0.04211	0.04089	0.02058	0.02046	2.58E-05	9.46E-07	9.72E-07	3.84E-07	3.71E-07	6.73E-08	6.68E-08	2.859KE-05
608296.11	4200855.15	9244.88861	0.16622	0.16862	0.04274	0.04151	0.02062	0.0205	2.58E-05	9.35E-07	9.61E-07	3.90E-07	3.77E-07	6.74E-08	6.69E-08	2.855IE-05
608296.11	4200862.75	9234.77797	0.16433	0.16672	0.04337	0.04213	0.02067	0.02054	2.57E-05	9.24E-07	9.50E-07	3.96E-07	3.83E-07	6.76E-08	6.70E-08	2.852JE-05
608296.11	4200870.35	9224.24828	0.16245	0.16483	0.04401	0.04276	0.02071	0.02058	2.57E-05	9.14E-07	9.39E-07	4.01E-07	3.88E-07	6.77E-08	6.72E-08	2.848JE-05
608302.98	4200733.55	9275.89636	0.19411	0.19647	0.03284	0.0318	0.0197	0.01962	2.58E-05	1.09E-06	1.12E-06	3.00E-07	2.89E-07	6.44E-08	6.40E-08	2.877TE-05
608302.98	4200741.15	9275.2537	0.19221	0.19458	0.03342	0.03237	0.01977	0.01968	2.58E-05	1.08E-06	1.11E-06	3.05E-07	2.94E-07	6.47E-08	6.42E-08	2.876AE-05
608302.98	4200748.75	9273.80375	0.19031	0.19268	0.034	0.03294	0.01983	0.01974	2.58E-05	1.07E-06	1.10E-06	3.10E-07	2.99E-07	6.49E-08	6.44E-08	2.875OE-05
608302.98	4200756.35	9271.41182	0.1884	0.19078	0.03459	0.03351	0.01989	0.0198	2.58E-05	1.06E-06	1.09E-06	3.16E-07	3.04E-07	6.50E-08	6.46E-08	2.873ZE-05
608302.98	4200763.95	9268.25382	0.18648	0.18886	0.03518	0.03409	0.01994	0.01985	2.58E-05	1.05E-06	1.08E-06	3.21E-07	3.10E-07	6.52E-08	6.48E-08	2.871SE-05
608302.98	4200771.55	9264.83184	0.18457	0.18696	0.03578	0.03468	0.02	0.01991	2.58E-05	1.04E-06	1.07E-06	3.26E-07	3.15E-07	6.54E-08	6.50E-08	2.869JE-05
608302.98	4200779.15	9260.6114	0.18266	0.18504	0.03638	0.03527	0.02006	0.01996	2.58E-05	1.03E-06	1.05E-06	3.32E-07	3.20E-07	6.56E-08	6.52E-08	2.867IE-05
608302.98	4200786.75	9255.7116	0.18074	0.18313	0.03699	0.03586	0.02011	0.02001	2.58E-05	1.02E-06	1.04E-06	3.37E-07	3.26E-07	6.58E-08	6.53E-08	2.864TE-05
608302.98	4200794.35	9250.25108	0.17883	0.18122	0.03759	0.03646	0.02017	0.02006	2.58E-05	1.01E-06	1.03E-06	3.43E-07	3.31E-07	6.60E-08	6.55E-08	2.862IE-05
608302.98	4200801.95	9244.10465	0.17692	0.17931	0.0382	0.03706	0.02022	0.02011	2.58E-05	9.95E-07	1.02E-06	3.48E-07	3.37E-07	6.61E-08	6.56E-08	2.859AE-05
608302.98	4200809.55	9237.69409	0.17502	0.1774	0.03882	0.03766	0.02027	0.02016	2.57E-05	9.84E-07	1.01E-06	3.54E-07	3.42E-07	6.63E-08	6.58E-08	2.856GE-05
608302.98	4200817.15	9230.63656	0.17312	0.1755	0.03943	0.03826	0.02032	0.02021	2.57E-05	9.74E-07	1.00E-06	3.60E-07	3.48E-07	6.65E-08	6.60E-08	2.853KE-05
608302.98	4200824.75	9223.00277	0.17123	0.17361	0.04005	0.03887	0.02037	0.02025	2.57E-05	9.63E-07	9.89E-07	3.65E-07	3.53E-07	6.66E-08	6.61E-08	2.850SE-05
608302.98	4200832.35	9214.80991	0.16935	0.17172	0.04067	0.03948	0.02041	0.0203	2.57E-05	9.52E-07	9.78E-07	3.71E-07	3.59E-07	6.67E-08	6.63E-08	2.847ZE-05
608302.98	4200839.95	9206.94126	0.16747	0.16984	0.04129	0.04009	0.02046	0.02034	2.57E-05	9.42E-07	9.68E-07	3.77E-07	3.64E-07	6.69E-08	6.64E-08	2.843WE-05
608302.98	4200847.55	9197.34042	0.16561	0.16797	0.04191	0.04071	0.0205	0.02038	2.56E-05	9.31E-07	9.57E-07	3.82E-07	3.70E-07	6.70E-08	6.65E-08	2.840AE-05
608302.98	4200855.15	9187.81716	0.16376	0.16611	0.04254	0.04132	0.02054	0.02042	2.56E-05	9.21E-07	9.46E-07	3.88E-07	3.75E-07	6.72E-08	6.67E-08	2.836AE-05
608302.98	4200862.75	9177.69157	0.16191	0.16425	0.04316	0.04194	0.02059	0.02046	2.56E-05	9.11E-07	9.36E-07	3.94E-07	3.81E-07	6.73E-08	6.68E-08	2.833OE-05
608302.98	4200870.35	9167.15547	0.16008	0.16241	0.04378	0.04256	0.02063	0.0205	2.55E-05	9.00E-07	9.25E-07	3.99E-07	3.87E-07	6.75E-08	6.69E-08	2.829ZE-05

Ranch EIR Residential Project Construction Parameters

Phase 2

Construction Annual Total PM2.5 (Total PM2.5)

Mitigated Concentrations

Annual Average Onsite DPM Rate (grams/m2/sec): 1.76E-08
Annual Average Offsite DPM Emission Rate - Road 1 (grams/sec): 2.08E-04
Annual Average Offsite DPM Emission Rate - Road 2 (grams/sec): 2.10E-04
Annual Average Offsite DPM Emission Rate - Road 3 (grams/sec): 3.37E-04
Annual Average Offsite DPM Emission Rate - Road4 (grams/sec): 3.35E-04
Annual Average Offsite DPM Emission Rate - Road5 (grams/sec): 1.21E-04
Annual Average Offsite DPM Emission Rate - Road5 (grams/sec): 1.21E-04

X	Y	Onsite Phase 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 1 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 4 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 5 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 6 Unit Emissions VALUES AVERAGED AVERAGE CONC	Onsite Phase 2 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 1 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 2 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 3 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 4 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 5 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 6 Annual PM2.5 Total w/Actual Emissions (ug/m3)	**Total DPM (ug/m3)**
606771.32	4200808.57	52057.33116	0.08488	0.08498	0.04666	0.04498	0.03495	0.03568	9.14E-04	1.76E-05	1.79E-05	1.57E-05	1.51E-05	4.22E-06	4.30E-06	9.8920E-04
606787.8	4200808.22	52077.64805	0.08645	0.08689	0.04598	0.04418	0.03523	0.03594	9.15E-04	1.80E-05	1.83E-05	1.55E-05	1.48E-05	4.25E-06	4.33E-06	9.8985E-04
606807.8	4200808.22	51448.48698	0.09263	0.09273	0.04694	0.04487	0.0354	0.03608	9.04E-04	1.92E-05	1.95E-05	1.58E-05	1.50E-05	4.27E-06	4.35E-06	9.8191E-04
606827.8	4200808.22	50743.4416	0.09855	0.09846	0.04723	0.04515	0.03554	0.0362	8.91E-04	2.05E-05	2.07E-05	1.59E-05	1.51E-05	4.29E-06	4.36E-06	9.7218E-04
606847.8	4200808.22	49936.44365	0.10527	0.10493	0.04756	0.04536	0.03565	0.03629	8.77E-04	2.19E-05	2.21E-05	1.60E-05	1.52E-05	4.30E-06	4.37E-06	9.6097E-04
606867.8	4200808.22	49044.14784	0.11284	0.11219	0.04773	0.04526	0.03573	0.03634	8.61E-04	2.34E-05	2.36E-05	1.61E-05	1.52E-05	4.31E-06	4.38E-06	9.4843E-04
606887.8	4200808.22	48131.88921	0.12011	0.1193	0.04774	0.04539	0.0358	0.03637	8.45E-04	2.49E-05	2.51E-05	1.61E-05	1.52E-05	4.32E-06	4.38E-06	9.3547E-04
606907.8	4200808.22	47166.32782	0.12864	0.12706	0.04822	0.04576	0.03583	0.03638	8.28E-04	2.67E-05	2.67E-05	1.62E-05	1.53E-05	4.33E-06	4.38E-06	9.2221E-04
606927.8	4200808.22	46201.01763	0.13855	0.13642	0.04848	0.04592	0.03585	0.03638	8.12E-04	2.88E-05	2.87E-05	1.63E-05	1.54E-05	4.33E-06	4.38E-06	9.0942E-04
606947.8	4200808.22	45223.0614	0.14935	0.14655	0.04867	0.04599	0.03586	0.03636	7.94E-04	3.10E-05	3.08E-05	1.64E-05	1.54E-05	4.33E-06	4.38E-06	8.9671E-04
606767.8	4200828.22	57350.28091	0.07943	0.08004	0.04887	0.04722	0.03696	0.0377	1.01E-03	1.65E-05	1.68E-05	1.65E-05	1.58E-05	4.46E-06	4.54E-06	1.0820E-03
606787.8	4200828.22	56981.93346	0.08291	0.08356	0.04949	0.04763	0.03723	0.03795	1.00E-03	1.72E-05	1.76E-05	1.67E-05	1.60E-05	4.50E-06	4.57E-06	1.0774E-03
606807.8	4200828.22	55956.66595	0.08872	0.08925	0.05015	0.04814	0.03734	0.03803	9.83E-04	1.84E-05	1.88E-05	1.69E-05	1.61E-05	4.51E-06	4.58E-06	1.0622E-03
606827.8	4200828.22	54881.54084	0.09503	0.0954	0.05072	0.0484	0.03742	0.03808	9.64E-04	1.97E-05	2.01E-05	1.71E-05	1.62E-05	4.52E-06	4.59E-06	1.0462E-03
606847.8	4200828.22	53803.08474	0.10165	0.10182	0.05108	0.04874	0.0375	0.03812	9.45E-04	2.11E-05	2.14E-05	1.72E-05	1.63E-05	4.53E-06	4.59E-06	1.0302E-03
606867.8	4200828.22	52693.33195	0.10898	0.10885	0.05159	0.04908	0.03755	0.03815	9.26E-04	2.26E-05	2.29E-05	1.74E-05	1.65E-05	4.53E-06	4.60E-06	1.0140E-03
606887.8	4200828.22	51533.0982	0.11633	0.11618	0.05164	0.04914	0.03757	0.03814	9.05E-04	2.42E-05	2.44E-05	1.74E-05	1.65E-05	4.54E-06	4.60E-06	9.9677E-04
606907.8	4200828.22	50335.72809	0.12471	0.12391	0.05224	0.0496	0.03757	0.03811	8.84E-04	2.59E-05	2.61E-05	1.76E-05	1.66E-05	4.54E-06	4.59E-06	9.7946E-04
606927.8	4200828.22	49138.14782	0.13491	0.13348	0.05275	0.04996	0.03755	0.03806	8.63E-04	2.80E-05	2.81E-05	1.78E-05	1.68E-05	4.53E-06	4.59E-06	9.6284E-04
606947.8	4200828.22	47946.99474	0.14597	0.14392	0.05313	0.05019	0.03751	0.038	8.42E-04	3.03E-05	3.03E-05	1.79E-05	1.68E-05	4.53E-06	4.58E-06	9.4660E-04
606967.8	4200828.22	46749.47476	0.15835	0.1555	0.05344	0.05035	0.03745	0.03792	8.21E-04	3.29E-05	3.27E-05	1.80E-05	1.69E-05	4.52E-06	4.57E-06	9.3072E-04
606987.8	4200828.22	45556.84484	0.1721	0.16843	0.05365	0.05042	0.03738	0.03781	8.00E-04	3.57E-05	3.54E-05	1.81E-05	1.69E-05	4.51E-06	4.56E-06	9.1542E-04
606747.8	4200848.22	62987.27779	0.07322	0.07409	0.05153	0.05004	0.03871	0.03948	1.11E-03	1.52E-05	1.56E-05	1.74E-05	1.68E-05	4.67E-06	4.76E-06	1.1807E-03
606767.8	4200848.22	62579.15821	0.07637	0.0772	0.05195	0.05034	0.03902	0.03976	1.10E-03	1.59E-05	1.62E-05	1.75E-05	1.69E-05	4.71E-06	4.79E-06	1.1752E-03
606787.8	4200848.22	61943.43862	0.07951	0.08048	0.05277	0.05093	0.03926	0.03998	1.09E-03	1.65E-05	1.69E-05	1.78E-05	1.71E-05	4.74E-06	4.82E-06	1.1659E-03
606807.8	4200848.22	60608.39412	0.08497	0.08588	0.05356	0.05147	0.03933	0.04002	1.06E-03	1.76E-05	1.81E-05	1.80E-05	1.73E-05	4.75E-06	4.82E-06	1.1452E-03
606827.8	4200848.22	59242.18055	0.09086	0.09168	0.05414	0.05168	0.03939	0.04004	1.04E-03	1.89E-05	1.93E-05	1.82E-05	1.73E-05	4.76E-06	4.83E-06	1.1239E-03
606847.8	4200848.22	57848.87444	0.09686	0.09802	0.05473	0.05214	0.03942	0.04004	1.02E-03	2.01E-05	2.06E-05	1.84E-05	1.75E-05	4.76E-06	4.83E-06	1.1023E-03
606867.8	4200848.22	56441.3622	0.10405	0.105	0.05544	0.05268	0.03942	0.04001	9.91E-04	2.16E-05	2.21E-05	1.87E-05	1.77E-05	4.76E-06	4.82E-06	1.0810E-03
606887.8	4200848.22	55004.96396	0.11154	0.11218	0.05584	0.05323	0.0394	0.03996	9.66E-04	2.32E-05	2.36E-05	1.88E-05	1.79E-05	4.76E-06	4.82E-06	1.0591E-03
606907.8	4200848.22	53557.13849	0.12016	0.12015	0.05661	0.05383	0.03936	0.03989	9.41E-04	2.50E-05	2.53E-05	1.91E-05	1.81E-05	4.75E-06	4.81E-06	1.0376E-03
606927.8	4200848.22	52111.10722	0.13044	0.12983	0.05739	0.05442	0.03929	0.03979	9.15E-04	2.71E-05	2.73E-05	1.93E-05	1.83E-05	4.74E-06	4.80E-06	1.0168E-03
606947.8	4200848.22	50683.38857	0.1417	0.14051	0.05805	0.05487	0.03921	0.03968	8.90E-04	2.94E-05	2.96E-05	1.96E-05	1.84E-05	4.73E-06	4.78E-06	9.9670E-04
606967.8	4200848.22	49272.27949	0.15423	0.1523	0.05861	0.05523	0.03911	0.03955	8.65E-04	3.20E-05	3.20E-05	1.97E-05	1.85E-05	4.72E-06	4.77E-06	9.7728E-04
606987.8	4200848.22	47881.92912	0.16822	0.16553	0.05905	0.05548	0.03899	0.0394	8.41E-04	3.49E-05	3.48E-05	1.99E-05	1.86E-05	4.71E-06	4.75E-06	9.5874E-04
607107.8	4200848.22	40106.30839	0.30118	0.28705	0.05941	0.0552	0.03792	0.03819	7.04E-04	6.25E-05	6.04E-05	2.00E-05	1.85E-05	4.58E-06	4.60E-06	8.7509E-04
607127.8	4200848.22	38922.8397	0.33611	0.31796	0.05919	0.05502	0.03769	0.03795	6.84E-04	6.98E-05	6.69E-05	1.99E-05	1.85E-05	4.55E-06	4.57E-06	8.6787E-04
607147.8	4200848.22	37768.99422	0.37708	0.35414	0.05906	0.05496	0.03745	0.03769	6.63E-04	7.83E-05	7.45E-05	1.99E-05	1.84E-05	4.52E-06	4.54E-06	8.6360E-04
607167.8	4200848.22	36653.65463	0.42527	0.39626	0.05896	0.05493	0.03721	0.03742	6.44E-04	8.83E-05	8.34E-05	1.99E-05	1.84E-05	4.49E-06	4.51E-06	8.6277E-04
607187.8	4200848.22	35568.71132	0.48374	0.44686	0.05904	0.0551	0.03695	0.03714	6.25E-04	1.00E-04	9.40E-05	1.99E-05	1.85E-05	4.46E-06	4.48E-06	8.6652E-04
607207.8	4200848.22	34514.71166	0.55629	0.50873	0.05937	0.0555	0.03668	0.03685	6.06E-04	1.16E-04	1.07E-04	2.00E-05	1.86E-05	4.43E-06	4.44E-06	8.7626E-04
607227.8	4200848.22	33500.57902	0.64634	0.58449	0.0597	0.05577	0.0364	0.03656	5.88E-04	1.34E-04	1.23E-04	2.01E-05	1.87E-05	4.40E-06	4.41E-06	8.9322E-04
606747.8	4200868.22	69047.20766	0.06964	0.07075	0.05426	0.05284	0.04093	0.0417	1.21E-03	1.45E-05	1.49E-05	1.83E-05	1.77E-05	4.94E-06	5.03E-06	1.2881E-03
606767.8	4200868.22	68361.02356	0.07232	0.07347	0.05474	0.0532	0.04122	0.04196	1.20E-03	1.50E-05	1.55E-05	1.84E-05	1.78E-05	4.98E-06	5.06E-06	1.2775E-03
606787.8	4200868.22	67190.68503	0.07499	0.07653	0.05533	0.05361	0.04138	0.04209	1.18E-03	1.56E-05	1.61E-05	1.86E-05	1.80E-05	5.00E-06	5.07E-06	1.2585E-03
606807.8	4200868.22	65496.375	0.08024	0.08198	0.05663	0.05445	0.04142	0.04209	1.15E-03	1.67E-05	1.72E-05	1.91E-05	1.83E-05	5.00E-06	5.07E-06	1.2317E-03
606827.8	4200868.22	63774.50809	0.08613	0.0876	0.0578	0.05523	0.04143	0.04207	1.12E-03	1.79E-05	1.84E-05	1.95E-05	1.85E-05	5.00E-06	5.07E-06	1.2046E-03
606847.8	4200868.22	62024.70433	0.09216	0.09377	0.05865	0.05603	0.04141	0.04201	1.09E-03	1.91E-05	1.97E-05	1.98E-05	1.88E-05	5.00E-06	5.06E-06	1.1769E-03
606867.8	4200868.22	60277.30462	0.09897	0.10064	0.05926	0.0568	0.04136	0.04194	1.06E-03	2.06E-05	2.12E-05	2.00E-05	1.91E-05	4.99E-06	5.05E-06	1.1495E-03
606887.8	4200868.22	58533.10083	0.10635	0.10759	0.06025	0.05759	0.04129	0.04184	1.03E-03	2.21E-05	2.26E-05	2.03E-05	1.93E-05	4.99E-06	5.04E-06	1.1225E-03
606907.8	4200868.22	56800.31904	0.11494	0.1156	0.0613	0.05841	0.0412	0.04171	9.98E-04	2.39E-05	2.43E-05	2.06E-05	1.96E-05	4.97E-06	5.03E-06	1.0961E-03
606927.8	4200868.22	55089.6855	0.1252	0.12524	0.06236	0.05926	0.04109	0.04157	9.68E-04	2.60E-05	2.63E-05	2.10E-05	1.99E-05	4.96E-06	5.01E-06	1.0708E-03
606947.8	4200868.22	53409.64689	0.13646	0.1362	0.06338	0.06002	0.04095	0.0414	9.38E-04	2.83E-05	2.87E-05	2.13E-05	2.01E-05	4.94E-06	4.99E-06	1.0465E-03
607047.8	4200868.22	45621.21088	0.21797	0.21262	0.06661	0.06198	0.04002	0.04034	8.01E-04	4.53E-05	4.47E-05	2.24E-05	2.08E-05	4.83E-06	4.86E-06	9.4424E-04
607067.8	4200868.22	44188.20323	0.24166	0.23438	0.06683	0.06201	0.03979	0.04008	7.76E-04	5.02E-05	4.93E-05	2.25E-05	2.08E-05	4.80E-06	4.83E-06	9.2859E-04
607087.8	4200868.22	42796.98143	0.2691	0.25943	0.06693	0.06197	0.03954	0.03981	7.52E-04	5.59E-05	5.46E-05	2.25E-05	2.08E-05	4.77E-06	4.80E-06	9.1508E-04
607107.8	4200868.22	41453.48337	0.30081	0.28785	0.06688	0.06184	0.03928	0.03953	7.28E-04	6.25E-05	6.06E-05	2.25E-05	2.07E-05	4.74E-06	4.76E-06	9.0392E-04
607127.8	4200868.22	40153.9536	0.33783	0.3207	0.06674	0.06168	0.03901	0.03924	7.05E-04	7.02E-05	6.75E-05	2.25E-05	2.07E-05	4.71E-06	4.73E-06	8.9552E-04
607147.8	4200868.22	38896.13299	0.38147	0.35914	0.06656	0.06154	0.03873	0.03893	6.83E-04	7.92E-05	7.56E-05	2.24E-05	2.06E-05	4.68E-06	4.69E-06	8.9040E-04
607167.8	4200868.22	37681.23386	0.4335	0.40452	0.06643	0.06147	0.03844	0.03862	6.62E-04	9.00E-05	8.51E-05	2.24E-05	2.06E-05	4.64E-06	4.65E-06	8.8927E-04
607187.8	4200868.22	36506.86476	0.49695	0.45919	0.06644	0.06158	0.03814	0.0383	6.41E-04	1.03E-04	9.66E-05	2.24E-05	2.07E-05	4.61E-06	4.62E-06	8.9328E-04
607207.8	4200868.22	35375.74091	0.57552	0.52578	0.06658	0.06182	0.03783	0.03797	6.21E-04	1.20E-04	1.11E-04	2.24E-05	2.07E-05	4.57E-06	4.58E-06	9.0379E-04
607227.8	4200868.22	34283.3363	0.67607	0.6095	0.06699	0.06226	0.03751	0.03764	6.02E-04	1.40E-04	1.28E-04	2.26E-05	2.09E-05	4.53E-06	4.54E-06	9.2330E-04
606755.19	4200886.81	75245.10385	0.06602	0.06742	0.05665	0.05528	0.04331	0.04406	1.32E-03	1.37E-05	1.42E-05	1.91E-05	1.85E-05	5.23E-06	5.31E-06	1.3977E-03
606767.8	4200888.22	74771.8836	0.06711	0.06848	0.05733	0.05583	0.04357	0.0443	1.31E-03	1.39E-05	1.44E-05	1.93E-05	1.87E-05	5.26E-06	5.34E-06	1.3903E-03
606787.8	4200888.22	72732.48862	0.07067	0.07233	0.05854	0.05691	0.0436	0.04429	1.28E-03	1.47E-05	1.52E-05	1.97E-05	1.91E-05	5.26E-06	5.34E-06	1.3568E-03
606807.8	4200888.22	70584.0912	0.07569	0.07783	0.06005	0.05796	0.04358	0.04424	1.24E-03	1.57E-05	1.64E-05	2.02E-05	1.94E-05	5.26E-06	5.33E-06	1.3221E-03
606827.8	4200888.22	68425.77629	0.08123	0.08322	0.06151	0.059	0.04354	0.04416	1.20E-03	1.69E-05	1.75E-05	2.07E-05	1.98E-05	5.26E-06	5.32E-06	1.2873E-03
606847.8	4200888.22	66281.77799	0.08718	0.08918	0.06278	0.06005	0.04346	0.04405	1.16E-03	1.81E-05	1.88E-05	2.11E-05	2.01E-05	5.25E-06	5.31E-06	1.2529E-03
606867.8	4200888.22	64164.19937	0.09361	0.09578	0.06386	0.06111	0.04336	0.04392	1.13E-03	1.94E-05	2.01E-05	2.15E-05	2.05E-05	5.24E-06	5.29E-06	1.2192E-03
606887.8	4200888.22	62072.36269	0.1007	0.10229	0.06484	0.06219	0.04324	0.04376	1.09E-03	2.09E-05	2.15E-05	2.18E-05	2.09E-05	5.22E-06	5.27E-06	1.1859E-03
606907.8	4200888.22	60035.68108	0.10915	0.11042	0.06619	0.06329	0.04309	0.04358	1.05E-03	2.27E-05	2.32E-05	2.23E-05	2.12E-05	5.20E-06	5.25E-06	1.1544E-03
606927.8	4200888.22	58032.60012	0.11931	0.12036	0.06767	0.0645	0.04292	0.04338	1.02E-03	2.48E-05	2.53E-05	2.28E-05	2.16E-05	5.18E-06	5.23E-06	1.1243E-03
607027.8	4200888.22	48951.93537	0.19098	0.18881	0.07377	0.06888	0.04181	0.04212	8.60E-04	3.97E-05	3.97E-05	2.48E-05	2.31E-05	5.05E-06	5.08E-06	9.9728E-04
607047.8	4200888.22	47304.93444	0.21223	0.20856	0.07461	0.06939	0.04153	0.04182	8.31E-04	4.41E-05	4.39E-05	2.51E-05	2.33E-05	5.01E-06	5.04E-06	9.7730E-04
607067.8	4200888.22	45721.98149	0.23655	0.23104	0.07523	0.06969	0.04125	0.04152	8.03E-04	4.91E-05	4.86E-05	2.53E-05	2.34E-05	4.98E-06	5.00E-06	9.5952E-04
607087.8	4200888.22	44195.12572	0.2649	0.25705	0.07566	0.06985	0.04096	0.0412	7.76E-04	5.50E-05	5.41E-05	2.55E-05	2.34E-05	4.95E-06	4.97E-06	9.4418E-04
607107.8	4200888.22	42725.24328	0.29804	0.28688	0.07591	0.06989	0.04065	0.04087	7.50E-04	6.19E-05	6.04E-05	2.56E-05	2.34E-05	4.91E-06	4.93E-06	9.3154E-04
607127.8	4200888.22	41310.29174	0.33707	0.32161	0.07597	0.06983	0.04033	0.04053	7.26E-04	7.00E-05	6.77E-05	2.56E-05	2.34E-05	4.87E-06	4.88E-06	9.2202E-04
607147.8	4200888.22	39951.65305	0.3831	0.36223	0.07584	0.06965	0.04001	0.04018	7.02E-04	7.96E-05	7.62E-05	2.55E-05	2.34E-05	4.83E-06	4.84E-06	9.1608E-04
607167.8	4200888.22	38641.82007	0.43871	0.41068	0.07569	0.06952	0.03967	0.03982	6.79E-04	9.11E-05	8.64E-05	2.55E-05	2.33E-05	4.79E-06	4.80E-06	9.1463E-04
607187.8	4200888.22	37378.04783	0.50735	0.4697	0.07567	0.06959	0.03932	0.03946	6.57E-04	1.05E-04	9.88E-05	2.55E-05	2.33E-05	4.75E-06	4.76E-06	9.1903E-04
607207.8	4200888.22	36167.39381	0.59291	0.54203	0.07572	0.06975	0.03897	0.03909	6.35E-04	1.23E-04	1.14E-04	2.55E-05	2.34E-05	4.71E-06	4.71E-06	9.3074E-04
607227.8	4200888.22	35001.82493	0.70387	0.63389	0.07606	0.07018	0.03861	0.03871	6.15E-04	1.46E-04	1.33E-04	2.56E-05	2.35E-05	4.66E-06	4.67E-06	9.5280E-04
606747.8	4200908.22	83938.20593	0.05892	0.06042	0.05886	0.0576	0.04597	0.04673	1.47E-03	1.22E-05	1.27E-05	1.98E-05	1.93E-05	5.55E-06	5.63E-06	1.5496E-03
606767.8	4200908.22	81181.37777	0.06256	0.06412	0.06025	0.05888	0.04595	0.04667	1.43E-03	1.30E-05	1.35E-05	2.03E-05	1.97E-05	5.55E-06	5.62E-06	1.5036E-03
606787.8	4200908.22	78582.6336	0.06692	0.06874	0.06234	0.06078	0.04592	0.0466	1.38E-03	1.39E-05	1.45E-05	2.10E-05	2.04E-05	5.54E-06	5.62E-06	1.4612E-03
606807.8	4200908.22	75832.57662	0.07155	0.07344	0.06387	0.06206	0.04583	0.04647	1.33E-03	1.49E-05	1.54E-05	2.15E-05	2.08E-05	5.53E-06	5.60E-06	1.4158E-03
606827.8	4200908.22	73164.56186	0.07664	0.07859	0.06533	0.06328	0.04571	0.04632	1.29E-03	1.59E-05	1.65E-05	2.20E-05	2.12E-05	5.52E-06	5.58E-06	1.3719E-03
606847.8	4200908.22	70586.26157	0.08221	0.08423	0.06696	0.06466	0.04558	0.04615	1.24E-03	1.71E-05	1.77E-05	2.26E-05	2.17E-05	5.50E-06	5.56E-06	1.3299E-03
606867.8	4200908.22	68045.38331	0.08774	0.09048	0.06784	0.06552	0.04541	0.04595	1.20E-03	1.82E-05	1.90E-05	2.28E-05	2.20E-05	5.48E-06	5.54E-06	1.2883E-03
606887.8	4200908.22	65594.61887	0.09477	0.09678	0.06949	0.06694	0.04523	0.04572	1.15E-03	1.97E-05	2.04E-05	2.34E-05	2.25E-05	5.46E-06	5.51E-06	1.2490E-03
606987.8	4200908.22	54560.78088	0.14892	0.14994	0.07875	0.07441	0.044	0.04433	9.58E-04	3.09E-05	3.15E-05	2.65E-05	2.50E-05	5.31E-06	5.34E-06	1.0830E-03
607007.8	4200908.22	52602.49837	0.16468	0.1652	0.08051	0.07571	0.0437	0.04401	9.24E-04	3.42E-05	3.48E-05	2.71E-05	2.54E-05	5.28E-06	5.30E-06	1.0560E-03
607027.8	4200908.22	50720.68654	0.18295	0.18252	0.08213	0.07684	0.04339	0.04367	8.91E-04	3.80E-05	3.84E-05	2.77E-05	2.58E-05	5.24E-06	5.26E-06	1.0312E-03
607047.8	4200908.22	48908.30153	0.20424	0.20255	0.08362	0.07784	0.04306	0.04332	8.59E-04	4.24E-05	4.26E-05	2.82E-05	2.61E-05	5.20E-06	5.22E-06	1.0088E-03
607067.8	4200908.22	47171.69927	0.22896	0.22565	0.08489	0.07863	0.04273	0.04296	8.29E-04	4.75E-05	4.75E-05	2.86E-05	2.64E-05	5.16E-06	5.18E-06	9.8888E-04
607087.8	4200908.22	45509.43453	0.25791	0.25243	0.08591	0.0792	0.04238	0.04259	7.99E-04	5.36E-05	5.31E-05	2.89E-05	2.66E-05	5.12E-06	5.13E-06	9.7177E-04
607107.8	4200908.22	43917.23536	0.29206	0.28339	0.08668	0.07957	0.04202	0.04221	7.71E-04	6.06E-05	5.96E-05	2.92E-05	2.67E-05	5.07E-06	5.09E-06	9.5770E-04
607127.8	4200908.22	42389.10205	0.3327	0.31981	0.08718	0.07976	0.04165	0.04182	7.45E-04	6.91E-05	6.73E-05	2.94E-05	2.68E-05	5.03E-06	5.04E-06	9.4710E-04
607147.8	4200908.22	40924.14443	0.38148	0.36298	0.08743	0.07979	0.04128	0.04142	7.19E-04	7.92E-05	7.64E-05	2.94E-05	2.68E-05	4.98E-06	4.99E-06	9.4059E-04
607167.8	4200908.22	39523.25289	0.44044	0.41444	0.08742	0.07968	0.0409	0.04102	6.94E-04	9.15E-05	8.72E-05	2.94E-05	2.67E-05	4.94E-06	4.94E-06	9.3891E-04
607187.8	4200908.22	38176.57261	0.51382	0.47755	0.08741	0.07967	0.04051	0.04061	6.71E-04	1.07E-04	1.00E-04	2.94E-05	2.67E-05	4.89E-06	4.89E-06	9.4367E-04
607207.8	4200908.22	36885.58893	0.60707	0.55633	0.08749	0.07985	0.04011	0.04019	6.48E-04	1.26E-04	1.17E-04	2.95E-05	2.68E-05	4.84E-06	4.84E-06	9.5692E-04
607227.8	4200908.22	35651.8776	0.72831	0.65653	0.08768	0.08017	0.03971	0.03978	6.26E-04	1.51E-04	1.38E-04	2.95E-05	2.69E-05	4.79E-06	4.79E-06	9.8158E-04
606687.8	4200928.22	102128.4204	0.04639	0.04837	0.05691	0.05611	0.04858	0.04946	1.79E-03	9.63E-06	1.02E-05	1.92E-05	1.88E-05	5.87E-06	5.96E-06	1.8635E-03
606707.8	4200928.22	98561.92459	0.04942	0.05107	0.05904	0.05799	0.0486	0.04943	1.73E-03	1.03E-05	1.07E-05	1.99E-05	1.95E-05	5.87E-06	5.96E-06	1.8034E-03
606727.8	4200928.22	94874.12026	0.05227	0.05401	0.06034	0.05925	0.04856	0.04935	1.67E-03	1.09E-05	1.14E-05	2.03E-05	1.99E-05	5.86E-06	5.95E-06	1.7407E-03
606747.8	4200928.22	91335.78782	0.05537	0.0572	0.06217	0.06101	0.04851	0.04925	1.60E-03	1.15E-05	1.20E-05	2.09E-05	2.05E-05	5.86E-06	5.94E-06	1.6810E-03
606767.8	4200928.22	87805.08638	0.05884	0.06077	0.06382	0.06243	0.04841	0.04911	1.54E-03	1.22E-05	1.28E-05	2.15E-05	2.09E-05	5.85E-06	5.92E-06	1.6215E-03
606787.8	4200928.22	84462.33771	0.06247	0.0645	0.06546	0.06404	0.0483	0.04896	1.48E-03	1.30E-05	1.36E-05	2.20E-05	2.15E-05	5.83E-06	5.90E-06	1.5654E-03
606807.8	4200928.22	81161.52098	0.06664	0.06879	0.0672	0.06563	0.04815	0.04876	1.43E-03	1.38E-05	1.45E-05	2.26E-05	2.20E-05	5.81E-06	5.88E-06	1.5102E-03
606827.8	4200928.22	77930.8104	0.07146	0.07371	0.06907	0.06731	0.04796	0.04854	1.37E-03	1.48E-05	1.55E-05	2.33E-05	2.26E-05	5.79E-06	5.85E-06	1.4567E-03
606847.8	4200928.22	74861.97172	0.0767	0.07906	0.07097	0.06892	0.04775	0.04829	1.31E-03	1.59E-05	1.66E-05	2.39E-05	2.31E-05	5.77E-06	5.82E-06	1.4061E-03
606867.8	4200928.22	71895.87885	0.08202	0.08505	0.07266	0.07	0.04752	0.04802	1.26E-03	1.70E-05	1.79E-05	2.45E-05	2.35E-05	5.74E-06	5.79E-06	1.3572E-03
606967.8	4200928.22	58879.99146	0.12694	0.12938	0.08363	0.07977	0.04605	0.04639	1.03E-03	2.64E-05	2.72E-05	2.82E-05	2.68E-05	5.56E-06	5.59E-06	1.1539E-03
606987.8	4200928.22	56607.95817	0.14022	0.1425	0.0862	0.08185	0.04571	0.04601	9.94E-04	2.91E-05	3.00E-05	2.90E-05	2.75E-05	5.52E-06	5.55E-06	1.1210E-03
607007.8	4200928.22	54454.045	0.15533	0.15736	0.08871	0.08378	0.04535	0.04563	9.56E-04	3.23E-05	3.31E-05	2.99E-05	2.81E-05	5.48E-06	5.50E-06	1.0908E-03
607027.8	4200928.22	52385.59329	0.17324	0.17461	0.09119	0.08565	0.04498	0.04523	9.20E-04	3.60E-05	3.67E-05	3.07E-05	2.87E-05	5.43E-06	5.45E-06	1.0632E-03
607047.8	4200928.22	50412.78216	0.19407	0.19455	0.09355	0.08735	0.0446	0.04482	8.85E-04	4.03E-05	4.09E-05	3.15E-05	2.93E-05	5.39E-06	5.40E-06	1.0383E-03
607067.8	4200928.22	48524.30276	0.21873	0.21794	0.09579	0.0889	0.04421	0.0444	8.52E-04	4.54E-05	4.58E-05	3.23E-05	2.98E-05	5.34E-06	5.35E-06	1.0164E-03
607087.8	4200928.22	46729.30947	0.2478	0.2452	0.09774	0.09016	0.04381	0.04398	8.21E-04	5.15E-05	5.16E-05	3.29E-05	3.02E-05	5.29E-06	5.30E-06	9.9758E-04
607107.8	4200928.22	45015.68937	0.28252	0.27706	0.09942	0.09118	0.04339	0.04354	7.91E-04	5.87E-05	5.83E-05	3.35E-05	3.06E-05	5.24E-06	5.25E-06	9.8220E-04
607127.8	4200928.22	43378.32602	0.32431	0.31487	0.10077	0.09191	0.04298	0.0431	7.62E-04	6.73E-05	6.62E-05	3.39E-05	3.08E-05	5.19E-06	5.19E-06	9.7067E-04
607147.8	4200928.22	41812.71086	0.37519	0.36022	0.10177	0.0924	0.04255	0.04266	7.34E-04	7.79E-05	7.58E-05	3.43E-05	3.10E-05	5.14E-06	5.14E-06	9.6367E-04
607167.8	4200928.22	40320.2951	0.4375	0.41485	0.10236	0.09262	0.04212	0.0422	7.08E-04	9.09E-05	8.73E-05	3.45E-05	3.11E-05	5.09E-06	5.09E-06	9.6205E-04
607187.8	4200928.22	38896.18555	0.51522	0.48181	0.10259	0.09264	0.04168	0.04175	6.83E-04	1.07E-04	1.01E-04	3.46E-05	3.11E-05	5.03E-06	5.03E-06	9.6724E-04
607207.8	4200928.22	37531.47931	0.61553	0.56661	0.10278	0.09282	0.04124	0.04129	6.59E-04	1.28E-04	1.19E-04	3.46E-05	3.11E-05	4.98E-06	4.98E-06	9.8195E-04
607227.8	4200928.22	36232.12821	0.74722	0.67535	0.1029	0.09304	0.04079	0.04083	6.36E-04	1.55E-04	1.42E-04	3.47E-05	3.12E-05	4.93E-06	4.92E-06	1.0094E-03
606667.8	4200948.22	117788.6198	0.04148	0.04302	0.05802	0.05727	0.05146	0.05238	2.07E-03	8.61E-06	9.05E-06	1.95E-05	1.92E-05	6.21E-06	6.31E-06	2.1379E-03
606687.8	4200948.22	112763.5473	0.04373	0.04531	0.05946	0.05861	0.05142	0.05228	1.98E-03	9.08E-06	9.53E-06	2.00E-05	1.97E-05	6.21E-06	6.30E-06	2.0515E-03
606707.8	4200948.22	107962.2447	0.04608	0.04781	0.06128	0.06034	0.05135	0.05217	1.90E-03	9.57E-06	1.01E-05	2.06E-05	2.02E-05	6.20E-06	6.29E-06	1.9693E-03
606727.8	4200948.22	103363.7639	0.04856	0.05041	0.06296	0.06205	0.05126	0.05202	1.82E-03	1.01E-05	1.06E-05	2.12E-05	2.08E-05	6.19E-06	6.27E-06	1.8907E-03
606747.8	4200948.22	98881.59315	0.05134	0.05331	0.06472	0.0637	0.05113	0.05184	1.74E-03	1.07E-05	1.12E-05	2.18E-05	2.14E-05	6.17E-06	6.25E-06	1.8143E-03
606767.8	4200948.22	94529.4418	0.0545	0.05659	0.06657	0.06544	0.05095	0.05162	1.66E-03	1.13E-05	1.19E-05	2.24E-05	2.19E-05	6.15E-06	6.22E-06	1.7404E-03
606787.8	4200948.22	90386.77119	0.05797	0.06019	0.06849	0.06723	0.05075	0.05138	1.59E-03	1.20E-05	1.27E-05	2.31E-05	2.25E-05	6.13E-06	6.19E-06	1.6703E-03
606807.8	4200948.22	86445.26703	0.0618	0.06416	0.07049	0.06909	0.05052	0.05111	1.52E-03	1.28E-05	1.35E-05	2.37E-05	2.32E-05	6.10E-06	6.16E-06	1.6039E-03
606827.8	4200948.22	82654.26037	0.06621	0.06871	0.07264	0.07107	0.05026	0.0508	1.45E-03	1.37E-05	1.45E-05	2.45E-05	2.38E-05	6.07E-06	6.12E-06	1.5405E-03
606927.8	4200948.22	66419.54995	0.09806	0.10117	0.08425	0.08145	0.04862	0.04898	1.17E-03	2.04E-05	2.13E-05	2.84E-05	2.73E-05	5.87E-06	5.90E-06	1.2758E-03
606947.8	4200948.22	63656.34327	0.10739	0.1106	0.08726	0.08408	0.04824	0.04857	1.12E-03	2.23E-05	2.33E-05	2.94E-05	2.82E-05	5.82E-06	5.85E-06	1.2329E-03
606967.8	4200948.22	61031.6774	0.11808	0.12146	0.09045	0.0868	0.04785	0.04814	1.07E-03	2.45E-05	2.56E-05	3.05E-05	2.91E-05	5.78E-06	5.80E-06	1.1932E-03
606987.8	4200948.22	58544.09574	0.13046	0.13388	0.09376	0.08957	0.04744	0.0477	1.03E-03	2.71E-05	2.82E-05	3.16E-05	3.00E-05	5.73E-06	5.75E-06	1.1567E-03
607007.8	4200948.22	56184.65135	0.14482	0.14827	0.09719	0.09235	0.04702	0.04725	9.87E-04	3.01E-05	3.12E-05	3.27E-05	3.10E-05	5.68E-06	5.69E-06	1.1232E-03
607027.8	4200948.22	53937.64865	0.16186	0.165	0.10069	0.09512	0.04658	0.04679	9.47E-04	3.36E-05	3.47E-05	3.39E-05	3.19E-05	5.62E-06	5.64E-06	1.0928E-03
607047.8	4200948.22	51800.39776	0.18196	0.18465	0.10421	0.09784	0.04614	0.04632	9.10E-04	3.78E-05	3.88E-05	3.51E-05	3.28E-05	5.57E-06	5.58E-06	1.0656E-03
607067.8	4200948.22	49771.13038	0.20581	0.2077	0.10768	0.10041	0.04569	0.04584	8.74E-04	4.27E-05	4.37E-05	3.63E-05	3.37E-05	5.52E-06	5.52E-06	1.0416E-03
607087.8	4200948.22	47845.15947	0.23438	0.23501	0.111	0.10275	0.04523	0.04536	8.40E-04	4.87E-05	4.94E-05	3.74E-05	3.45E-05	5.46E-06	5.47E-06	1.0213E-03
607107.8	4200948.22	46013.69128	0.26897	0.26733	0.11413	0.10486	0.04476	0.04487	8.08E-04	5.59E-05	5.62E-05	3.84E-05	3.52E-05	5.40E-06	5.41E-06	1.0047E-03
607127.8	4200948.22	44267.64949	0.31133	0.30628	0.11699	0.10669	0.04429	0.04438	7.78E-04	6.47E-05	6.44E-05	3.94E-05	3.58E-05	5.35E-06	5.35E-06	9.9252E-04
607147.8	4200948.22	42614.13662	0.36295	0.35286	0.11928	0.10799	0.04381	0.04388	7.49E-04	7.54E-05	7.42E-05	4.02E-05	3.62E-05	5.29E-06	5.29E-06	9.8508E-04
607167.8	4200948.22	41032.04668	0.42803	0.41048	0.1212	0.10906	0.04333	0.04338	7.21E-04	8.89E-05	8.64E-05	4.08E-05	3.66E-05	5.23E-06	5.23E-06	9.8382E-04
607187.8	4200948.22	39529.44502	0.51022	0.48166	0.12246	0.10966	0.04284	0.04287	6.94E-04	1.06E-04	1.01E-04	4.12E-05	3.68E-05	5.17E-06	5.17E-06	9.8997E-04
607207.8	4200948.22	38099.72886	0.61665	0.57174	0.12315	0.10997	0.04235	0.04236	6.69E-04	1.28E-04	1.20E-04	4.15E-05	3.69E-05	5.11E-06	5.11E-06	1.0061E-03
607227.8	4200948.22	36739.37174	0.75859	0.68877	0.12343	0.11016	0.04186	0.04186	6.45E-04	1.58E-04	1.45E-04	4.16E-05	3.69E-05	5.05E-06	5.04E-06	1.0364E-03
606547.8	4200968.22	169721.1656	0.02991	0.03085	0.05035	0.0501	0.05428	0.05553	2.98E-03	6.21E-06	6.49E-06	1.70E-05	1.68E-05	6.55E-06	6.69E-06	3.0408E-03
606567.8	4200968.22	164194.3733	0.03113	0.03214	0.05163	0.05136	0.05443	0.05562	2.88E-03	6.46E-06	6.76E-06	1.74E-05	1.72E-05	6.57E-06	6.70E-06	2.9452E-03
606587.8	4200968.22	157754.318	0.03253	0.03359	0.05298	0.05268	0.05453	0.05565	2.77E-03	6.76E-06	7.07E-06	1.78E-05	1.77E-05	6.58E-06	6.71E-06	2.8335E-03
606607.8	4200968.22	150989.9718	0.03386	0.03499	0.05441	0.05408	0.05458	0.05565	2.65E-03	7.03E-06	7.36E-06	1.83E-05	1.81E-05	6.59E-06	6.71E-06	2.7163E-03
606627.8	4200968.22	143734.1759	0.0356	0.03686	0.05591	0.05553	0.05457	0.05558	2.52E-03	7.39E-06	7.75E-06	1.88E-05	1.86E-05	6.59E-06	6.70E-06	2.5905E-03
606647.8	4200968.22	136874.0164	0.03714	0.03842	0.05748	0.05706	0.05454	0.05549	2.40E-03	7.71E-06	8.08E-06	1.94E-05	1.91E-05	6.59E-06	6.69E-06	2.4717E-03
606667.8	4200968.22	130437.7494	0.03864	0.0402	0.05982	0.05912	0.05449	0.05538	2.29E-03	8.02E-06	8.46E-06	2.01E-05	1.98E-05	6.58E-06	6.67E-06	2.3608E-03
606687.8	4200968.22	124073.4801	0.04048	0.04215	0.06153	0.06093	0.05439	0.05523	2.18E-03	8.41E-06	8.87E-06	2.07E-05	2.04E-05	6.57E-06	6.66E-06	2.2510E-03
606707.8	4200968.22	117876.6332	0.04258	0.04437	0.06332	0.06265	0.05423	0.05502	2.07E-03	8.84E-06	9.33E-06	2.13E-05	2.10E-05	6.55E-06	6.63E-06	2.1442E-03
606727.8	4200968.22	112039.3679	0.04485	0.04676	0.06518	0.06442	0.05405	0.05478	1.97E-03	9.31E-06	9.84E-06	2.20E-05	2.16E-05	6.53E-06	6.60E-06	2.0438E-03
606747.8	4200968.22	106445.1752	0.04746	0.0495	0.06715	0.0663	0.05382	0.0545	1.87E-03	9.86E-06	1.04E-05	2.26E-05	2.22E-05	6.50E-06	6.57E-06	1.9479E-03
606767.8	4200968.22	101190.9469	0.05033	0.05251	0.06922	0.06826	0.05356	0.05419	1.78E-03	1.05E-05	1.10E-05	2.33E-05	2.29E-05	6.47E-06	6.53E-06	1.8581E-03
606787.8	4200968.22	96247.06128	0.05353	0.05586	0.0714	0.07032	0.05327	0.05386	1.69E-03	1.11E-05	1.18E-05	2.40E-05	2.36E-05	6.43E-06	6.49E-06	1.7740E-03
606907.8	4200968.22	72175.21083	0.08304	0.08624	0.08637	0.08421	0.05101	0.05136	1.27E-03	1.72E-05	1.81E-05	2.91E-05	2.82E-05	6.16E-06	6.19E-06	1.3728E-03
606927.8	4200968.22	68954.23852	0.09047	0.09403	0.0897	0.08723	0.05057	0.05088	1.21E-03	1.88E-05	1.98E-05	3.02E-05	2.93E-05	6.11E-06	6.13E-06	1.3214E-03
606947.8	4200968.22	65916.57911	0.09896	0.10277	0.0933	0.09045	0.05012	0.0504	1.16E-03	2.05E-05	2.16E-05	3.14E-05	3.03E-05	6.05E-06	6.07E-06	1.2739E-03
606967.8	4200968.22	63049.63174	0.10873	0.11283	0.09716	0.09386	0.04965	0.0499	1.11E-03	2.26E-05	2.37E-05	3.27E-05	3.15E-05	6.00E-06	6.01E-06	1.2300E-03
606987.8	4200968.22	60342.04403	0.12011	0.12447	0.10129	0.09744	0.04917	0.04939	1.06E-03	2.49E-05	2.62E-05	3.41E-05	3.27E-05	5.94E-06	5.95E-06	1.1897E-03
607007.8	4200968.22	57783.28174	0.13345	0.13807	0.1057	0.1012	0.04868	0.04887	1.01E-03	2.77E-05	2.90E-05	3.56E-05	3.39E-05	5.88E-06	5.89E-06	1.1530E-03
607027.8	4200968.22	55360.22297	0.14928	0.15399	0.11034	0.10504	0.04819	0.04835	9.72E-04	3.10E-05	3.24E-05	3.72E-05	3.52E-05	5.82E-06	5.83E-06	1.1198E-03
607047.8	4200968.22	53066.2864	0.1681	0.1728	0.1152	0.10899	0.04768	0.04781	9.32E-04	3.49E-05	3.64E-05	3.88E-05	3.66E-05	5.76E-06	5.76E-06	1.0902E-03
607067.8	4200968.22	50900.3727	0.19055	0.19503	0.12019	0.11292	0.04716	0.04728	8.94E-04	3.96E-05	4.10E-05	4.05E-05	3.79E-05	5.69E-06	5.70E-06	1.0644E-03
607087.8	4200968.22	48849.09309	0.21783	0.22175	0.1253	0.11678	0.04664	0.04673	8.58E-04	4.52E-05	4.66E-05	4.22E-05	3.92E-05	5.63E-06	5.63E-06	1.0425E-03
607107.8	4200968.22	46905.44523	0.25128	0.25382	0.13045	0.12054	0.04612	0.04619	8.24E-04	5.22E-05	5.34E-05	4.39E-05	4.04E-05	5.57E-06	5.57E-06	1.0250E-03
607127.8	4200968.22	45062.18293	0.29269	0.29283	0.1355	0.12405	0.04559	0.04564	7.92E-04	6.08E-05	6.16E-05	4.56E-05	4.16E-05	5.50E-06	5.50E-06	1.0121E-03

607147.8	4200968.22	43315.38876	0.34443	0.34056	0.14025	0.12715	0.04506	0.04508	7.61E-04	7.15E-05	7.16E-05	4.72E-05	4.26E-05	5.44E-06	5.43E-06	1.0047E-03
607167.8	4200968.22	41657.32047	0.41015	0.39981	0.14448	0.12973	0.04452	0.04453	7.32E-04	8.52E-05	8.41E-05	4.87E-05	4.35E-05	5.38E-06	5.37E-06	1.0039E-03
607187.8	4200968.22	40081.20314	0.49534	0.47458	0.14805	0.13177	0.04398	0.04398	7.04E-04	1.03E-04	9.98E-05	4.99E-05	4.42E-05	5.31E-06	5.30E-06	1.0114E-03
607207.8	4200968.22	38584.54916	0.60802	0.57062	0.15069	0.13322	0.04344	0.04342	6.78E-04	1.26E-04	1.20E-04	5.08E-05	4.47E-05	5.25E-06	5.23E-06	1.0299E-03
607227.8	4200968.22	37173.20233	0.75815	0.6946	0.1518	0.1336	0.04291	0.04287	6.53E-04	1.57E-04	1.46E-04	5.11E-05	4.48E-05	5.18E-06	5.17E-06	1.0628E-03
606527.8	4200988.22	215197.2598	0.0266	0.02752	0.05041	0.05014	0.05794	0.05926	3.78E-03	5.52E-06	5.79E-06	1.70E-05	1.68E-05	7.00E-06	7.14E-06	3.8391E-03
606547.8	4200988.22	206121.1785	0.02764	0.02864	0.05181	0.05139	0.05805	0.0593	3.62E-03	5.74E-06	6.03E-06	1.74E-05	1.72E-05	7.01E-06	7.15E-06	3.6811E-03
606567.8	4200988.22	195154.8536	0.02894	0.02986	0.05285	0.0527	0.05809	0.05927	3.43E-03	6.01E-06	6.28E-06	1.78E-05	1.77E-05	7.01E-06	7.14E-06	3.4898E-03
606587.8	4200988.22	183754.4458	0.03022	0.03122	0.05426	0.05409	0.05809	0.0592	3.23E-03	6.28E-06	6.57E-06	1.83E-05	1.81E-05	7.01E-06	7.13E-06	3.2910E-03
606607.8	4200988.22	172593.6763	0.03161	0.03268	0.05576	0.05553	0.05804	0.05908	3.03E-03	6.56E-06	6.87E-06	1.88E-05	1.86E-05	7.01E-06	7.12E-06	3.0965E-03
606627.8	4200988.22	162258.767	0.03287	0.03398	0.05735	0.05711	0.05795	0.05893	2.85E-03	6.83E-06	7.15E-06	1.93E-05	1.92E-05	7.00E-06	7.10E-06	2.9166E-03
606647.8	4200988.22	152568.2566	0.0342	0.03565	0.05947	0.05875	0.05781	0.05873	2.68E-03	7.10E-06	7.50E-06	2.00E-05	1.97E-05	6.98E-06	7.08E-06	2.7482E-03
606667.8	4200988.22	143665.5732	0.03587	0.03739	0.06149	0.06112	0.05764	0.05851	2.52E-03	7.45E-06	7.87E-06	2.07E-05	2.05E-05	6.96E-06	7.05E-06	2.5940E-03
606687.8	4200988.22	135502.4393	0.03748	0.03911	0.0633	0.06287	0.05745	0.05825	2.38E-03	7.78E-06	8.23E-06	2.13E-05	2.11E-05	6.94E-06	7.02E-06	2.4524E-03
606707.8	4200988.22	127818.4503	0.0393	0.04106	0.06522	0.06472	0.0572	0.05795	2.25E-03	8.16E-06	8.64E-06	2.20E-05	2.17E-05	6.91E-06	6.98E-06	2.3195E-03
606727.8	4200988.22	120647.4398	0.04135	0.04324	0.06724	0.06667	0.05691	0.05761	2.12E-03	8.59E-06	9.10E-06	2.26E-05	2.24E-05	6.87E-06	6.94E-06	2.1957E-03
606747.8	4200988.22	113909.9895	0.04374	0.04577	0.06942	0.06876	0.05658	0.05722	2.00E-03	9.08E-06	9.63E-06	2.34E-05	2.31E-05	6.83E-06	6.90E-06	2.0797E-03
606867.8	4200988.22	82653.51899	0.06455	0.06738	0.08434	0.08301	0.05405	0.05442	1.45E-03	1.34E-05	1.42E-05	2.84E-05	2.78E-05	6.53E-06	6.56E-06	1.5487E-03
606887.8	4200988.22	78616.46183	0.07006	0.07319	0.08759	0.08606	0.05356	0.05389	1.38E-03	1.45E-05	1.54E-05	2.95E-05	2.89E-05	6.47E-06	6.49E-06	1.4822E-03
606907.8	4200988.22	74850.19147	0.07615	0.07957	0.09108	0.08929	0.05305	0.05335	1.31E-03	1.58E-05	1.67E-05	3.07E-05	2.99E-05	6.41E-06	6.43E-06	1.4207E-03
606927.8	4200988.22	71321.9691	0.08284	0.08667	0.09491	0.09285	0.05253	0.0528	1.25E-03	1.72E-05	1.82E-05	3.20E-05	3.11E-05	6.34E-06	6.36E-06	1.3640E-03
606947.8	4200988.22	68012.73324	0.09048	0.09466	0.09909	0.09669	0.052	0.05223	1.19E-03	1.88E-05	1.99E-05	3.34E-05	3.24E-05	6.28E-06	6.29E-06	1.3117E-03
606967.8	4200988.22	64905.42088	0.09927	0.10386	0.10363	0.10083	0.05146	0.05166	1.14E-03	2.06E-05	2.18E-05	3.49E-05	3.38E-05	6.21E-06	6.23E-06	1.2637E-03
606987.8	4200988.22	61984.77782	0.10953	0.11454	0.10857	0.10526	0.05091	0.05108	1.09E-03	2.27E-05	2.41E-05	3.66E-05	3.53E-05	6.15E-06	6.16E-06	1.2198E-03
607007.8	4200988.22	59237.04278	0.12156	0.12707	0.11397	0.11003	0.05035	0.05049	1.04E-03	2.52E-05	2.67E-05	3.84E-05	3.69E-05	6.08E-06	6.08E-06	1.1799E-03
607027.8	4200988.22	56640.02352	0.13599	0.14191	0.11986	0.11514	0.04978	0.04989	9.95E-04	2.82E-05	2.99E-05	4.04E-05	3.86E-05	6.01E-06	6.01E-06	1.1440E-03
607047.8	4200988.22	54202.38527	0.15301	0.15935	0.1261	0.12044	0.04921	0.04929	9.52E-04	3.18E-05	3.35E-05	4.25E-05	4.04E-05	5.94E-06	5.94E-06	1.1121E-03
607067.8	4200988.22	51903.46353	0.17356	0.18024	0.13281	0.12602	0.04863	0.04869	9.12E-04	3.60E-05	3.79E-05	4.47E-05	4.23E-05	5.87E-06	5.87E-06	1.0844E-03
607087.8	4200988.22	49733.91801	0.19874	0.20563	0.14001	0.13181	0.04805	0.04809	8.74E-04	4.13E-05	4.33E-05	4.72E-05	4.42E-05	5.80E-06	5.80E-06	1.0611E-03
607107.8	4200988.22	47684.9446	0.22993	0.2365	0.14767	0.13779	0.04746	0.04748	8.38E-04	4.77E-05	4.98E-05	4.97E-05	4.62E-05	5.73E-06	5.72E-06	1.0425E-03
607127.8	4200988.22	45748.60052	0.26906	0.27459	0.15572	0.14383	0.04687	0.04688	8.04E-04	5.59E-05	5.78E-05	5.24E-05	4.82E-05	5.66E-06	5.65E-06	1.0292E-03
607147.8	4200988.22	43917.61723	0.31888	0.32211	0.16403	0.14975	0.04628	0.04627	7.71E-04	6.62E-05	6.78E-05	5.52E-05	5.02E-05	5.59E-06	5.58E-06	1.0220E-03
607167.8	4200988.22	42185.16499	0.38342	0.38214	0.17231	0.15534	0.04569	0.04566	7.41E-04	7.96E-05	8.04E-05	5.80E-05	5.21E-05	5.52E-06	5.50E-06	1.0221E-03
607187.8	4200988.22	40544.9609	0.4687	0.45905	0.18019	0.16033	0.04511	0.04506	7.12E-04	9.73E-05	9.66E-05	6.07E-05	5.38E-05	5.45E-06	5.43E-06	1.0314E-03
607207.8	4200988.22	38993.32682	0.58356	0.55906	0.18702	0.16431	0.04452	0.04445	6.85E-04	1.21E-04	1.18E-04	6.30E-05	5.51E-05	5.38E-06	5.36E-06	1.0525E-03
606527.8	4201008.22	277767.951	0.02482	0.02572	0.05169	0.05167	0.06202	0.06334	4.88E-03	5.15E-06	5.41E-06	1.74E-05	1.73E-05	7.49E-06	7.63E-06	4.9394E-03
606547.8	4201008.22	256239.1137	0.02578	0.02674	0.05305	0.05301	0.06202	0.06325	4.50E-03	5.35E-06	5.63E-06	1.79E-05	1.78E-05	7.49E-06	7.62E-06	4.5625E-03
606567.8	4201008.22	233278.3216	0.02688	0.0279	0.0545	0.05444	0.06194	0.0631	4.10E-03	5.58E-06	5.87E-06	1.84E-05	1.83E-05	7.48E-06	7.60E-06	4.1606E-03
606587.8	4201008.22	213362.1172	0.02801	0.0291	0.05603	0.05587	0.06182	0.06291	3.75E-03	5.82E-06	6.12E-06	1.89E-05	1.87E-05	7.46E-06	7.58E-06	3.8123E-03
606607.8	4201008.22	196241.1401	0.02923	0.03039	0.05759	0.05733	0.06165	0.06267	3.45E-03	6.07E-06	6.39E-06	1.94E-05	1.92E-05	7.44E-06	7.55E-06	3.5130E-03
606627.8	4201008.22	181611.0144	0.03046	0.0317	0.05932	0.05919	0.06145	0.0624	3.19E-03	6.33E-06	6.67E-06	2.00E-05	1.99E-05	7.42E-06	7.52E-06	3.2577E-03
606647.8	4201008.22	168773.8313	0.03174	0.03308	0.06108	0.06091	0.06121	0.06209	2.96E-03	6.59E-06	6.96E-06	2.06E-05	2.04E-05	7.39E-06	7.48E-06	3.0339E-03
606667.8	4201008.22	157172.792	0.03319	0.03462	0.06295	0.06274	0.06092	0.06173	2.76E-03	6.89E-06	7.28E-06	2.12E-05	2.10E-05	7.36E-06	7.44E-06	2.8319E-03
606687.8	4201008.22	146949.7501	0.03463	0.03617	0.06487	0.06462	0.0606	0.06136	2.58E-03	7.19E-06	7.61E-06	2.18E-05	2.17E-05	7.32E-06	7.40E-06	2.6542E-03
606827.8	4201008.22	95760.93592	0.05142	0.05409	0.08241	0.08162	0.0574	0.0578	1.68E-03	1.07E-05	1.14E-05	2.78E-05	2.74E-05	6.93E-06	6.97E-06	1.7731E-03
606847.8	4201008.22	90619.50105	0.05504	0.05794	0.08561	0.08453	0.05685	0.05721	1.59E-03	1.14E-05	1.22E-05	2.88E-05	2.84E-05	6.86E-06	6.89E-06	1.6863E-03
606867.8	4201008.22	85838.77625	0.05931	0.06201	0.08794	0.08697	0.05628	0.0566	1.51E-03	1.23E-05	1.30E-05	2.96E-05	2.92E-05	6.80E-06	6.82E-06	1.6055E-03
606887.8	4201008.22	81419.91321	0.06411	0.06726	0.09157	0.09044	0.0557	0.05598	1.43E-03	1.33E-05	1.41E-05	3.08E-05	3.03E-05	6.73E-06	6.75E-06	1.5322E-03
606907.8	4201008.22	77314.90958	0.06953	0.07299	0.09548	0.09413	0.0551	0.05535	1.36E-03	1.44E-05	1.54E-05	3.22E-05	3.16E-05	6.65E-06	6.67E-06	1.4649E-03
606927.8	4201008.22	73489.49003	0.07547	0.07938	0.09979	0.09821	0.0545	0.05471	1.29E-03	1.57E-05	1.67E-05	3.36E-05	3.29E-05	6.58E-06	6.59E-06	1.4029E-03
606947.8	4201008.22	69918.83217	0.08224	0.08656	0.10451	0.10267	0.05389	0.05406	1.23E-03	1.71E-05	1.82E-05	3.52E-05	3.44E-05	6.51E-06	6.52E-06	1.3461E-03
606967.8	4201008.22	66581.24574	0.09001	0.09483	0.10971	0.10752	0.05327	0.05341	1.17E-03	1.87E-05	1.99E-05	3.69E-05	3.61E-05	6.43E-06	6.44E-06	1.2940E-03
606987.8	4201008.22	63457.39974	0.09908	0.10443	0.11543	0.11282	0.05264	0.05275	1.11E-03	2.06E-05	2.20E-05	3.89E-05	3.78E-05	6.36E-06	6.36E-06	1.2466E-03
607007.8	4201008.22	60530.15223	0.1097	0.11571	0.12178	0.11862	0.05201	0.05209	1.06E-03	2.28E-05	2.43E-05	4.10E-05	3.98E-05	6.28E-06	6.28E-06	1.2037E-03
607027.8	4201008.22	57775.26653	0.12244	0.1291	0.12883	0.12497	0.05136	0.05142	1.01E-03	2.54E-05	2.72E-05	4.34E-05	4.19E-05	6.20E-06	6.20E-06	1.1651E-03
607047.8	4201008.22	55196.46306	0.1375	0.14491	0.1365	0.13178	0.05072	0.05076	9.70E-04	2.86E-05	3.05E-05	4.60E-05	4.42E-05	6.12E-06	6.12E-06	1.1310E-03
607067.8	4201008.22	52773.48878	0.15571	0.16395	0.14498	0.13918	0.05007	0.05009	9.27E-04	3.23E-05	3.45E-05	4.88E-05	4.67E-05	6.05E-06	6.04E-06	1.1014E-03
607087.8	4201008.22	50494.04669	0.17811	0.18724	0.15438	0.14718	0.04943	0.04942	8.87E-04	3.70E-05	3.94E-05	5.20E-05	4.94E-05	5.97E-06	5.96E-06	1.0766E-03
607107.8	4201008.22	48347.76374	0.20605	0.21588	0.16481	0.15585	0.04878	0.04876	8.49E-04	4.28E-05	4.54E-05	5.55E-05	5.23E-05	5.89E-06	5.88E-06	1.0570E-03
607127.8	4201008.22	46325.27347	0.24143	0.25171	0.17637	0.16515	0.04813	0.04809	8.14E-04	5.01E-05	5.30E-05	5.94E-05	5.54E-05	5.81E-06	5.80E-06	1.0432E-03
607147.8	4201008.22	44418.02553	0.28712	0.29719	0.18915	0.17502	0.04749	0.04743	7.80E-04	5.96E-05	6.25E-05	6.37E-05	5.87E-05	5.73E-06	5.72E-06	1.0362E-03
607167.8	4201008.22	42618.05725	0.34743	0.35588	0.2031	0.1853	0.04684	0.04677	7.49E-04	7.21E-05	7.49E-05	6.84E-05	6.22E-05	5.66E-06	5.64E-06	1.0374E-03
607187.8	4201008.22	40918.10695	0.42902	0.4329	0.21804	0.1957	0.0462	0.04611	7.19E-04	8.91E-05	9.11E-05	7.34E-05	6.56E-05	5.58E-06	5.56E-06	1.0491E-03
607207.8	4201008.22	39316.70218	0.54124	0.53497	0.2331	0.20543	0.04557	0.04546	6.91E-04	1.12E-04	1.13E-04	7.85E-05	6.89E-05	5.50E-06	5.48E-06	1.0739E-03
606787.8	4201028.22	112502.0795	0.04154	0.04362	0.07875	0.07845	0.06111	0.06153	1.98E-03	8.63E-06	9.18E-06	2.65E-05	2.63E-05	7.38E-06	7.42E-06	2.0615E-03
606807.8	4201028.22	105782.2065	0.04413	0.0464	0.08179	0.08142	0.06048	0.06087	1.86E-03	9.16E-06	9.76E-06	2.75E-05	2.73E-05	7.30E-06	7.34E-06	1.9465E-03
606827.8	4201028.22	99612.01016	0.04706	0.04954	0.08506	0.08462	0.05984	0.06018	1.75E-03	9.77E-06	1.04E-05	2.86E-05	2.84E-05	7.23E-06	7.25E-06	1.8414E-03
606847.8	4201028.22	93973.34368	0.05027	0.05298	0.08855	0.08784	0.05919	0.05948	1.65E-03	1.04E-05	1.11E-05	2.98E-05	2.95E-05	7.15E-06	7.17E-06	1.7458E-03
606867.8	4201028.22	88765.5092	0.05422	0.05681	0.09117	0.0906	0.05852	0.05877	1.56E-03	1.13E-05	1.20E-05	3.07E-05	3.04E-05	7.07E-06	7.08E-06	1.6576E-03
606887.8	4201028.22	83970.69697	0.05857	0.06157	0.09517	0.09448	0.05784	0.05806	1.47E-03	1.22E-05	1.30E-05	3.21E-05	3.17E-05	6.98E-06	7.00E-06	1.5778E-03
606907.8	4201028.22	79541.90893	0.06336	0.06667	0.09948	0.09862	0.05716	0.05734	1.40E-03	1.32E-05	1.40E-05	3.35E-05	3.31E-05	6.90E-06	6.91E-06	1.5047E-03
606927.8	4201028.22	75433.57891	0.06858	0.07235	0.10423	0.10321	0.05647	0.05661	1.32E-03	1.42E-05	1.52E-05	3.51E-05	3.46E-05	6.82E-06	6.82E-06	1.4378E-03
606947.8	4201028.22	71615.1711	0.0745	0.0787	0.10946	0.10824	0.05577	0.05588	1.26E-03	1.55E-05	1.66E-05	3.69E-05	3.63E-05	6.73E-06	6.73E-06	1.3766E-03
606967.8	4201028.22	68060.36359	0.08127	0.08601	0.11525	0.11377	0.05506	0.05515	1.20E-03	1.69E-05	1.81E-05	3.88E-05	3.82E-05	6.65E-06	6.65E-06	1.3207E-03
606987.8	4201028.22	64744.75071	0.08917	0.09449	0.12169	0.1199	0.05435	0.05441	1.14E-03	1.85E-05	1.99E-05	4.10E-05	4.02E-05	6.56E-06	6.56E-06	1.2699E-03
607007.8	4201028.22	61654.55836	0.0983	0.10438	0.12886	0.12664	0.05365	0.05368	1.08E-03	2.04E-05	2.20E-05	4.34E-05	4.25E-05	6.48E-06	6.47E-06	1.2241E-03
607027.8	4201028.22	58757.28481	0.10926	0.1161	0.13693	0.13417	0.05293	0.05294	1.03E-03	2.27E-05	2.44E-05	4.61E-05	4.50E-05	6.39E-06	6.38E-06	1.1831E-03
607047.8	4201028.22	56047.48389	0.12223	0.13001	0.14594	0.1425	0.05222	0.0522	9.84E-04	2.54E-05	2.74E-05	4.92E-05	4.78E-05	6.31E-06	6.29E-06	1.1467E-03
607067.8	4201028.22	53506.88398	0.13795	0.14688	0.15612	0.15178	0.0515	0.05146	9.40E-04	2.86E-05	3.09E-05	5.26E-05	5.09E-05	6.22E-06	6.20E-06	1.1153E-03
607087.8	4201028.22	51127.10511	0.15717	0.16748	0.16761	0.16209	0.05079	0.05073	8.98E-04	3.26E-05	3.52E-05	5.64E-05	5.44E-05	6.13E-06	6.11E-06	1.0890E-03
607107.8	4201028.22	48892.54301	0.18119	0.19296	0.18075	0.17365	0.05008	0.05	8.59E-04	3.76E-05	4.06E-05	6.09E-05	5.82E-05	6.05E-06	6.03E-06	1.0682E-03
607127.8	4201028.22	46792.39048	0.21169	0.22513	0.19587	0.18665	0.04937	0.04928	8.22E-04	4.40E-05	4.74E-05	6.60E-05	6.26E-05	5.96E-06	5.94E-06	1.0537E-03
607147.8	4201028.22	44815.49606	0.25144	0.2666	0.21345	0.20132	0.04866	0.04855	7.87E-04	5.22E-05	5.61E-05	7.19E-05	6.75E-05	5.88E-06	5.85E-06	1.0466E-03
607167.8	4201028.22	42957.35371	0.3042	0.32085	0.23387	0.2177	0.04796	0.04784	7.55E-04	6.32E-05	6.75E-05	7.88E-05	7.30E-05	5.79E-06	5.77E-06	1.0485E-03
607187.8	4201028.22	41207.90842	0.3765	0.39358	0.2577	0.2359	0.04727	0.04713	7.24E-04	7.82E-05	8.28E-05	8.68E-05	7.91E-05	5.71E-06	5.68E-06	1.0621E-03
606727.8	4201048.22	144434.0394	0.03259	0.03403	0.07215	0.07224	0.06589	0.0664	2.54E-03	6.77E-06	7.16E-06	2.43E-05	2.42E-05	7.96E-06	8.00E-06	2.6154E-03
606747.8	4201048.22	134367.8841	0.03428	0.03584	0.07478	0.07484	0.06521	0.06567	2.36E-03	7.12E-06	7.54E-06	2.52E-05	2.51E-05	7.87E-06	7.91E-06	2.4409E-03
606767.8	4201048.22	125302.784	0.03621	0.03791	0.07763	0.07765	0.0645	0.06491	2.20E-03	7.52E-06	7.98E-06	2.61E-05	2.60E-05	7.79E-06	7.82E-06	2.2842E-03
606787.8	4201048.22	117200.3527	0.03825	0.0401	0.08062	0.08061	0.06378	0.06414	2.06E-03	7.94E-06	8.44E-06	2.72E-05	2.70E-05	7.70E-06	7.73E-06	2.1446E-03
606807.8	4201048.22	109818.3421	0.04059	0.0426	0.08386	0.08382	0.06304	0.06335	1.93E-03	8.43E-06	8.96E-06	2.82E-05	2.81E-05	7.61E-06	7.63E-06	2.0179E-03
606827.8	4201048.22	103120.5608	0.04314	0.04534	0.08733	0.08725	0.06229	0.06256	1.81E-03	8.96E-06	9.54E-06	2.94E-05	2.93E-05	7.52E-06	7.54E-06	1.9035E-03
606847.8	4201048.22	96982.18144	0.04605	0.04846	0.09104	0.09061	0.06153	0.06175	1.70E-03	9.56E-06	1.02E-05	3.07E-05	3.04E-05	7.43E-06	7.44E-06	1.7992E-03
606867.8	4201048.22	91385.55215	0.04972	0.05201	0.09403	0.09386	0.06076	0.06094	1.61E-03	1.03E-05	1.09E-05	3.17E-05	3.15E-05	7.34E-06	7.34E-06	1.7043E-03
606887.8	4201048.22	86236.06136	0.05359	0.0563	0.09835	0.09812	0.05998	0.06013	1.51E-03	1.11E-05	1.18E-05	3.31E-05	3.29E-05	7.24E-06	7.25E-06	1.6182E-03
606907.8	4201048.22	81512.3386	0.05766	0.06074	0.10302	0.10268	0.0592	0.05932	1.43E-03	1.20E-05	1.28E-05	3.47E-05	3.44E-05	7.15E-06	7.15E-06	1.5399E-03
606927.8	4201048.22	77137.33996	0.06228	0.06574	0.10815	0.10771	0.05842	0.0585	1.35E-03	1.29E-05	1.38E-05	3.64E-05	3.61E-05	7.05E-06	7.05E-06	1.4683E-03
606947.8	4201048.22	73088.30092	0.06745	0.0713	0.11383	0.11327	0.05763	0.05768	1.28E-03	1.40E-05	1.50E-05	3.83E-05	3.80E-05	6.96E-06	6.95E-06	1.4030E-03
606967.8	4201048.22	69340.29165	0.07325	0.07758	0.12009	0.11939	0.05684	0.05687	1.22E-03	1.52E-05	1.63E-05	4.04E-05	4.00E-05	6.86E-06	6.85E-06	1.3437E-03
606987.8	4201048.22	65849.53203	0.07999	0.08495	0.12712	0.12623	0.05605	0.05605	1.16E-03	1.66E-05	1.79E-05	4.28E-05	4.23E-05	6.77E-06	6.76E-06	1.2898E-03
607007.8	4201048.22	62602.05527	0.08785	0.09355	0.13503	0.13389	0.05526	0.05523	1.10E-03	1.82E-05	1.97E-05	4.55E-05	4.49E-05	6.67E-06	6.66E-06	1.2412E-03
607027.8	4201048.22	59570.17241	0.09716	0.10362	0.14402	0.14252	0.05447	0.05442	1.05E-03	2.02E-05	2.18E-05	4.85E-05	4.78E-05	6.58E-06	6.56E-06	1.1978E-03
607047.8	4201048.22	56742.00597	0.10813	0.11558	0.15418	0.15224	0.05368	0.05361	9.97E-04	2.25E-05	2.43E-05	5.19E-05	5.11E-05	6.48E-06	6.46E-06	1.1594E-03
607067.8	4201048.22	54101.38951	0.12127	0.12996	0.16575	0.16322	0.0529	0.05281	9.50E-04	2.52E-05	2.73E-05	5.58E-05	5.47E-05	6.39E-06	6.36E-06	1.1261E-03
607087.8	4201048.22	51630.34531	0.13734	0.14756	0.17907	0.17575	0.05212	0.05201	9.07E-04	2.85E-05	3.10E-05	6.03E-05	5.89E-05	6.29E-06	6.27E-06	1.0983E-03
607107.8	4201048.22	49317.56357	0.15725	0.16931	0.19455	0.19011	0.05134	0.05122	8.66E-04	3.27E-05	3.56E-05	6.55E-05	6.38E-05	6.20E-06	6.17E-06	1.0762E-03
607127.8	4201048.22	47149.07415	0.18242	0.1968	0.2128	0.2068	0.05057	0.05043	8.28E-04	3.79E-05	4.14E-05	7.17E-05	6.94E-05	6.11E-06	6.08E-06	1.0607E-03
607147.8	4201048.22	45113.72943	0.21508	0.23233	0.23461	0.22635	0.04981	0.04965	7.92E-04	4.47E-05	4.89E-05	7.90E-05	7.59E-05	6.01E-06	5.98E-06	1.0529E-03
607167.8	4201048.22	43198.45355	0.25891	0.27978	0.26126	0.24964	0.04905	0.04888	7.59E-04	5.38E-05	5.89E-05	8.80E-05	8.37E-05	5.92E-06	5.89E-06	1.0549E-03
607187.8	4201048.22	41403.22709	0.31862	0.34397	0.29406	0.2773	0.0483	0.04812	7.27E-04	6.62E-05	7.24E-05	9.90E-05	9.30E-05	5.83E-06	5.80E-06	1.0694E-03
606527.8	4201068.22	530833.5298	0.02042	0.02105	0.05361	0.0539	0.07547	0.07666	9.32E-03	4.24E-06	4.43E-06	1.81E-05	1.81E-05	9.11E-06	9.24E-06	9.3871E-03
606547.8	4201068.22	429946.4651	0.02117	0.02184	0.05513	0.05542	0.07501	0.0761	7.55E-03	4.40E-06	4.59E-06	1.86E-05	1.86E-05	9.06E-06	9.17E-06	7.6163E-03
606567.8	4201068.22	351363.5706	0.02198	0.0227	0.05675	0.05705	0.07449	0.07549	6.17E-03	4.56E-06	4.78E-06	1.91E-05	1.91E-05	8.99E-06	9.10E-06	6.2373E-03
606587.8	4201068.22	300763.3814	0.02281	0.02357	0.05843	0.05874	0.07391	0.07483	5.28E-03	4.74E-06	4.96E-06	1.97E-05	1.97E-05	8.92E-06	9.02E-06	5.3499E-03
606607.8	4201068.22	264510.5256	0.02367	0.02448	0.0602	0.06051	0.07331	0.07414	4.65E-03	4.92E-06	5.15E-06	2.03E-05	2.03E-05	8.85E-06	8.94E-06	4.7145E-03
606627.8	4201068.22	236447.8945	0.02456	0.02543	0.06206	0.06238	0.07266	0.07342	4.15E-03	5.10E-06	5.35E-06	2.09E-05	2.09E-05	8.77E-06	8.85E-06	4.2230E-03
606647.8	4201068.22	213285.0268	0.0256	0.02652	0.06408	0.06441	0.07197	0.07266	3.75E-03	5.32E-06	5.58E-06	2.16E-05	2.16E-05	8.69E-06	8.76E-06	3.8178E-03
606667.8	4201068.22	194198.3656	0.02662	0.02762	0.06618	0.0665	0.07126	0.07188	3.41E-03	5.53E-06	5.81E-06	2.23E-05	2.23E-05	8.60E-06	8.66E-06	3.4842E-03
606687.8	4201068.22	177767.5309	0.02778	0.02885	0.06844	0.06876	0.07052	0.07107	3.12E-03	5.77E-06	6.07E-06	2.30E-05	2.31E-05	8.52E-06	8.57E-06	3.1975E-03
606707.8	4201068.22	163611.6529	0.02899	0.03014	0.07081	0.07112	0.06976	0.07025	2.87E-03	6.02E-06	6.34E-06	2.38E-05	2.39E-05	8.42E-06	8.47E-06	2.9508E-03
606727.8	4201068.22	151138.0328	0.03036	0.0316	0.07337	0.07367	0.06896	0.0694	2.65E-03	6.30E-06	6.65E-06	2.47E-05	2.47E-05	8.33E-06	8.36E-06	2.7338E-03
606747.8	4201068.22	140053.3296	0.03191	0.03325	0.07613	0.07642	0.06815	0.06853	2.46E-03	6.63E-06	6.99E-06	2.56E-05	2.56E-05	8.23E-06	8.26E-06	2.5414E-03
606767.8	4201068.22	130212.4463	0.03359	0.03504	0.07907	0.07935	0.06732	0.06764	2.29E-03	6.98E-06	7.37E-06	2.66E-05	2.66E-05	8.13E-06	8.15E-06	2.3710E-03
606787.8	4201068.22	121403.621	0.03542	0.03699	0.0822	0.08247	0.06647	0.06675	2.13E-03	7.36E-06	7.78E-06	2.77E-05	2.77E-05	8.03E-06	8.04E-06	2.2190E-03
606807.8	4201068.22	113412.592	0.03752	0.03924	0.08563	0.08589	0.06561	0.06584	1.99E-03	7.79E-06	8.25E-06	2.88E-05	2.88E-05	7.92E-06	7.93E-06	2.0816E-03
606827.8	4201068.22	106198.9826	0.03981	0.04169	0.08929	0.08955	0.06474	0.06493	1.87E-03	8.27E-06	8.77E-06	3.01E-05	3.00E-05	7.82E-06	7.83E-06	1.9581E-03
606847.8	4201068.22	99650.55016	0.04232	0.04438	0.09324	0.09333	0.06387	0.06402	1.75E-03	8.79E-06	9.34E-06	3.14E-05	3.13E-05	7.71E-06	7.72E-06	1.8466E-03
606867.8	4201068.22	93673.00958	0.04569	0.04749	0.09655	0.09675	0.06299	0.0631	1.65E-03	9.49E-06	9.99E-06	3.25E-05	3.25E-05	7.61E-06	7.60E-06	1.7450E-03
606887.8	4201068.22	88213.1994	0.04902	0.05137	0.10107	0.10128	0.06211	0.06219	1.55E-03	1.02E-05	1.08E-05	3.40E-05	3.40E-05	7.50E-06	7.50E-06	1.6534E-03
606907.8	4201068.22	83200.92066	0.05266	0.05531	0.10607	0.10626	0.06123	0.06128	1.46E-03	1.09E-05	1.16E-05	3.57E-05	3.56E-05	7.39E-06	7.39E-06	1.5701E-03
606927.8	4201068.22	78584.47405	0.05674	0.05978	0.11152	0.11166	0.06035	0.06036	1.38E-03	1.18E-05	1.26E-05	3.76E-05	3.75E-05	7.29E-06	7.27E-06	1.4942E-03
606947.8	4201068.22	74326.1211	0.06122	0.06457	0.11757	0.11768	0.05947	0.05946	1.31E-03	1.27E-05	1.36E-05	3.96E-05	3.95E-05	7.18E-06	7.17E-06	1.4252E-03
606967.8	4201068.22	70390.02413	0.06628	0.07005	0.12431	0.12437	0.0586	0.05855	1.24E-03	1.38E-05	1.47E-05	4.19E-05	4.17E-05	7.08E-06	7.06E-06	1.3626E-03
606987.8	4201068.22	66741.20427	0.07207	0.07637	0.13183	0.13184	0.05772	0.05765	1.17E-03	1.50E-05	1.61E-05	4.44E-05	4.42E-05	6.97E-06	6.95E-06	1.3059E-03
607007.8	4201068.22	63362.05576	0.07868	0.0836	0.14027	0.1402	0.05685	0.05676	1.11E-03	1.63E-05	1.76E-05	4.72E-05	4.70E-05	6.86E-06	6.84E-06	1.2548E-03
607027.8	4201068.22	60215.92756	0.08646	0.09213	0.14991	0.14973	0.05599	0.05587	1.06E-03	1.80E-05	1.94E-05	5.05E-05	5.02E-05	6.76E-06	6.73E-06	1.2092E-03
607047.8	4201068.22	57280.06993	0.09573	0.10227	0.16101	0.16066	0.05512	0.05499	1.01E-03	1.99E-05	2.15E-05	5.42E-05	5.39E-05	6.66E-06	6.63E-06	1.1689E-03
607067.8	4201068.22	54547.92034	0.10669	0.11432	0.17373	0.17314	0.05426	0.05411	9.58E-04	2.22E-05	2.40E-05	5.85E-05	5.81E-05	6.55E-06	6.52E-06	1.1340E-03
607087.8	4201068.22	51998.28657	0.11991	0.12893	0.18848	0.18757	0.05342	0.05325	9.13E-04	2.49E-05	2.71E-05	6.35E-05	6.29E-05	6.45E-06	6.42E-06	1.1046E-03
607107.8	4201068.22	49613.74451	0.1363	0.14706	0.20589	0.2045	0.05257	0.05239	8.71E-04	2.83E-05	3.09E-05	6.93E-05	6.86E-05	6.35E-06	6.31E-06	1.0813E-03
607127.8	4201068.22	47386.65325	0.15665	0.16965	0.22655	0.22446	0.05174	0.05154	8.32E-04	3.25E-05	3.57E-05	7.63E-05	7.53E-05	6.25E-06	6.21E-06	1.0646E-03
607147.8	4201068.22	45301.3717	0.18269	0.19866	0.25159	0.24843	0.05092	0.05071	7.96E-04	3.79E-05	4.18E-05	8.47E-05	8.33E-05	6.15E-06	6.11E-06	1.0558E-03
607167.8	4201068.22	43346.05729	0.21689	0.23697	0.28266	0.27779	0.0501	0.04988	7.61E-04	4.50E-05	4.99E-05	9.52E-05	9.32E-05	6.05E-06	6.01E-06	1.0567E-03
607187.8	4201068.22	41510.53146	0.26331	0.28924	0.32227	0.31453	0.0493	0.04907	7.29E-04	5.47E-05	6.08E-05	1.09E-04	1.05E-04	5.95E-06	5.91E-06	1.0706E-03
607207.8	4201068.22	39785.73014	0.3289	0.36351	0.37448	0.36178	0.04851	0.04827	6.99E-04	6.83E-05	7.65E-05	1.26E-04	1.21E-04	5.86E-06	5.82E-06	1.1027E-03
607227.8	4201068.22	38163.46122	0.42656	0.47459	0.44631	0.42462	0.04773	0.04748	6.70E-04	8.86E-05	9.98E-05	1.50E-04	1.42E-04	5.76E-06	5.72E-06	1.1630E-03
607247.8	4201068.22	36636.01359	0.58325	0.65243	0.55114	0.51185	0.04695	0.0467	6.44E-04	1.21E-04	1.37E-04	1.86E-04	1.72E-04	5.67E-06	5.63E-06	1.2705E-03
607267.8	4201068.22	35196.50107	0.86426	0.96507	0.7168	0.63975	0.0462	0.04594	6.18E-04	1.79E-04	2.03E-04	2.41E-04	2.15E-04	5.58E-06	5.54E-06	1.4678E-03
607287.8	4201068.22	33838.58958	1.45809	1.58626	1.00645	0.83985	0.04545	0.04518	5.94E-04	3.03E-04	3.34E-04	3.39E-04	2.82E-04	5.49E-06	5.45E-06	1.8624E-03
607307.8	4201068.22	32556.52752	3.00598	2.96884	1.53752	1.15462	0.04471	0.04444	5.72E-04	6.24E-04	6.25E-04	5.18E-04	3.87E-04	5.40E-06	5.36E-06	2.7365E-03
606527.8	4201088.22	572039.6666	0.01928	0.01983	0.05404	0.05441	0.08031	0.08142	1.00E-02	4.00E-06	4.17E-06	1.82E-05	1.82E-05	9.70E-06	9.81E-06	1.0112E-02
606547.8	4201088.22	464393.627	0.01998	0.02056	0.0556	0.05598	0.07965	0.08065	8.16E-03	4.15E-06	4.33E-06	1.87E-05	1.88E-05	9.62E-06	9.72E-06	8.2223E-03
606567.8	4201088.22	379268.6773	0.02069	0.02131	0.05723	0.05762	0.07893	0.07985	6.66E-03	4.30E-06	4.48E-06	1.93E-05	1.93E-05	9.53E-06	9.62E-06	6.7283E-03
606587.8	4201088.22	323029.052	0.02146	0.02212	0.05896	0.05938	0.07817	0.079	5.67E-03	4.46E-06	4.65E-06	1.99E-05	1.99E-05	9.44E-06	9.52E-06	5.7418E-03
606607.8	4201088.22	282624.1615	0.02224	0.02293	0.06076	0.06119	0.07738	0.07813	4.96E-03	4.62E-06	4.82E-06	2.05E-05	2.05E-05	9.34E-06	9.42E-06	5.0334E-03
606627.8	4201088.22	251010.8581	0.0231	0.02384	0.0627	0.06315	0.07656	0.07722	4.41E-03	4.80E-06	5.02E-06	2.11E-05	2.12E-05	9.24E-06	9.31E-06	4.4796E-03
606647.8	4201088.22	225536.8819	0.024	0.02479	0.06475	0.06521	0.0757	0.07629	3.96E-03	4.98E-06	5.22E-06	2.18E-05	2.19E-05	9.14E-06	9.19E-06	4.0337E-03
606667.8	4201088.22	204267.33	0.02498	0.02582	0.06693	0.0674	0.07483	0.07535	3.59E-03	5.19E-06	5.43E-06	2.25E-05	2.26E-05	9.04E-06	9.08E-06	3.6618E-03
606687.8	4201088.22	186167.0725	0.02605	0.02696	0.06928	0.06976	0.07393	0.07439	3.27E-03	5.41E-06	5.67E-06	2.33E-05	2.34E-05	8.93E-06	8.97E-06	3.3457E-03
606707.8	4201088.22	170607.6827	0.02721	0.02818	0.07176	0.07225	0.073	0.0734	3.00E-03	5.65E-06	5.93E-06	2.42E-05	2.42E-05	8.81E-06	8.85E-06	3.0743E-03
606727.8	4201088.22	157075.1416	0.02844	0.02949	0.0744	0.07489	0.07207	0.07241	2.76E-03	5.91E-06	6.20E-06	2.51E-05	2.51E-05	8.70E-06	8.73E-06	2.8387E-03
606747.8	4201088.22	145078.3664	0.02987	0.03099	0.07727	0.07777	0.0711	0.07139	2.55E-03	6.20E-06	6.52E-06	2.60E-05	2.61E-05	8.59E-06	8.60E-06	2.6303E-03
606767.8	4201088.22	134481.7196	0.03139	0.03261	0.08032	0.08082	0.07013	0.07037	2.36E-03	6.52E-06	6.86E-06	2.71E-05	2.71E-05	8.47E-06	8.48E-06	2.4466E-03
606787.8	4201088.22	125025.7634	0.03305	0.03437	0.08358	0.0841	0.06916	0.06935	2.20E-03	6.86E-06	7.23E-06	2.81E-05	2.82E-05	8.35E-06	8.36E-06	2.2832E-03
606807.8	4201088.22	116522.8335	0.0349	0.03634	0.08711	0.08764	0.06817	0.06832	2.05E-03	7.25E-06	7.64E-06	2.93E-05	2.94E-05	8.23E-06	8.23E-06	2.1368E-03
606827.8	4201088.22	108852.51	0.03694	0.0385	0.09092	0.09148	0.06718	0.06729	1.91E-03	7.67E-06	8.10E-06	3.06E-05	3.07E-05	8.11E-06	8.11E-06	2.0053E-03
606847.8	4201088.22	101920.131	0.03915	0.04085	0.09502	0.09558	0.0662	0.06626	1.79E-03	8.13E-06	8.59E-06	3.20E-05	3.21E-05	7.99E-06	7.99E-06	1.8870E-03
606867.8	4201088.22	95598.3288	0.04216	0.04359	0.09895	0.09926	0.06521	0.06523	1.68E-03	8.75E-06	9.17E-06	3.33E-05	3.33E-05	7.87E-06	7.86E-06	1.7794E-03
606887.8	4201088.22	89851.57984	0.04513	0.0471	0.10343	0.10403	0.06422	0.06422	1.58E-03	9.37E-06	9.91E-06	3.48E-05	3.49E-05	7.75E-06	7.74E-06	1.6827E-03
606907.8	4201088.22	84590.28953	0.04833	0.05051	0.10863	0.1093	0.06324	0.0632	1.49E-03	1.00E-05	1.06E-05	3.66E-05	3.67E-05	7.64E-06	7.62E-06	1.5950E-03
606927.8	4201088.22	79756.03135	0.05199	0.05446	0.11438	0.11506	0.06226	0.06219	1.40E-03	1.08E-05	1.15E-05	3.85E-05	3.86E-05	7.52E-06	7.50E-06	1.5153E-03
606947.8	4201088.22	75310.21302	0.05592	0.05873	0.12077	0.12149	0.06129	0.06119	1.32E-03	1.16E-05	1.24E-05	4.07E-05	4.07E-05	7.40E-06	7.37E-06	1.4430E-03
606967.8	4201088.22	71210.08104	0.06034	0.06349	0.12785	0.12863	0.06032	0.0602	1.25E-03	1.25E-05	1.34E-05	4.31E-05	4.31E-05	7.28E-06	7.26E-06	1.3774E-03
606987.8	4201088.22	67422.64601	0.06534	0.06891	0.13579	0.13663	0.05935	0.05922	1.18E-03	1.36E-05	1.45E-05	4.57E-05	4.58E-05	7.17E-06	7.14E-06	1.3182E-03
607007.8	4201088.22	63918.72776	0.07109	0.07513	0.14473	0.14565	0.0584	0.05824	1.12E-03	1.48E-05	1.58E-05	4.87E-05	4.89E-05	7.05E-06	7.02E-06	1.2650E-03
607027.8	4201088.22	60671.58929	0.07769	0.08233	0.1549	0.15591	0.05746	0.05728	1.07E-03	1.61E-05	1.73E-05	5.22E-05	5.23E-05	6.94E-06	6.90E-06	1.2174E-03
607047.8	4201088.22	57652.7147	0.08548	0.09076	0.16663	0.16773	0.05652	0.05632	1.01E-03	1.78E-05	1.91E-05	5.61E-05	5.63E-05	6.82E-06	6.79E-06	1.1755E-03
607067.8	4201088.22	54847.55833	0.09459	0.10071	0.18014	0.18136	0.05559	0.05538	9.63E-04	1.96E-05	2.12E-05	6.07E-05	6.08E-05	6.71E-06	6.67E-06	1.1391E-03
607087.8	4201088.22	52226.46936	0.10569	0.11287	0.19606	0.19743	0.05467	0.05444	9.17E-04	2.19E-05	2.37E-05	6.60E-05	6.62E-05	6.60E-06	6.56E-06	1.1085E-03
607107.8	4201088.22	49789.01928	0.11905	0.12758	0.21472	0.21625	0.05376	0.05352	8.75E-04	2.47E-05	2.68E-05	7.23E-05	7.25E-05	6.49E-06	6.45E-06	1.0839E-03
607127.8	4201088.22	47510.4985	0.1357	0.14591	0.23717	0.23891	0.05287	0.05262	8.35E-04	2.82E-05	3.07E-05	7.99E-05	8.01E-05	6.38E-06	6.34E-06	1.0661E-03
607147.8	4201088.22	45385.15424	0.15643	0.1689	0.26433	0.26635	0.05198	0.05172	7.97E-04	3.25E-05	3.55E-05	8.90E-05	8.93E-05	6.28E-06	6.23E-06	1.0561E-03
607167.8	4201088.22	43395.77565	0.18307	0.19873	0.29823	0.30052	0.05111	0.05085	7.62E-04	3.80E-05	4.18E-05	1.00E-04	1.01E-04	6.17E-06	6.13E-06	1.0556E-03
607187.8	4201088.22	41531.32301	0.21821	0.23855	0.34172	0.34424	0.05026	0.04998	7.29E-04	4.53E-05	5.02E-05	1.15E-04	1.15E-04	6.07E-06	6.02E-06	1.0676E-03
607207.8	4201088.22	39782.03753	0.2661	0.2937	0.39951	0.40207	0.04941	0.04913	6.99E-04	5.53E-05	6.18E-05	1.35E-04	1.35E-04	5.97E-06	5.92E-06	1.0971E-03
607227.8	4201088.22	38139.05752	0.33423	0.3738	0.47986	0.48202	0.04858	0.04829	6.70E-04	6.94E-05	7.86E-05	1.62E-04	1.62E-04	5.87E-06	5.82E-06	1.1529E-03
607247.8	4201088.22	36594.30598	0.43751	0.4984	0.59894	0.59935	0.04777	0.04747	6.43E-04	9.09E-05	1.05E-04	2.02E-04	2.01E-04	5.77E-06	5.72E-06	1.2527E-03
607267.8	4201088.22	35140.38765	0.61001	0.7135	0.79269	0.78713	0.04696	0.04666	6.17E-04	1.27E-04	1.50E-04	2.67E-04	2.64E-04	5.67E-06	5.62E-06	1.4363E-03
607287.8	4201088.22	33770.55465	0.94341	1.15085	1.15797	1.12953	0.04617	0.04587	5.93E-04	1.96E-04	2.42E-04	3.90E-04	3.79E-04	5.58E-06	5.53E-06	1.8111E-03
607307.8	4201088.22	32478.68813	1.71503	2.29712	2.03513	1.88382	0.0454	0.04509	5.70E-04	3.56E-04	4.83E-04	6.85E-04	6.32E-04	5.48E-06	5.43E-06	2.7381E-03
606527.8	4201108.22	600591.2841	0.01831	0.01878	0.05442	0.05485	0.08529	0.0863	1.05E-02	3.80E-06	3.95E-06	1.83E-05	1.84E-05	1.03E-05	1.04E-05	1.0614E-02
606547.8	4201108.22	490195.319	0.01892	0.01942	0.05597	0.05642	0.08441	0.08531	8.61E-03	3.93E-06	4.09E-06	1.89E-05	1.89E-05	1.02E-05	1.03E-05	8.6764E-03
606567.8	4201108.22	401109.503	0.01959	0.02012	0.05763	0.05811	0.08349	0.0843	7.05E-03	4.07E-06	4.23E-06	1.94E-05	1.95E-05	1.01E-05	1.02E-05	7.1128E-03
606587.8	4201108.22	341491.9018	0.02029	0.02085	0.05938	0.05988	0.08254	0.08325	6.00E-03	4.21E-06	4.39E-06	2.00E-05	2.01E-05	9.97E-06	1.00E-05	6.0669E-03
606607.8	4201108.22	297562.2013	0.02105	0.02164	0.06126	0.06179	0.08154	0.08218	5.23E-03	4.37E-06	4.55E-06	2.06E-05	2.07E-05	9.85E-06	9.90E-06	5.2966E-03
606627.8	4201108.22	263406.1657	0.02185	0.02248	0.06324	0.0638	0.08052	0.08108	4.63E-03	4.54E-06	4.73E-06	2.13E-05	2.14E-05	9.72E-06	9.77E-06	4.6981E-03
606647.8	4201108.22	235901.2877	0.02267	0.02334	0.06533	0.06591	0.07948	0.07997	4.14E-03	4.71E-06	4.91E-06	2.20E-05	2.21E-05	9.60E-06	9.64E-06	4.2165E-03

606667.8	4201108.22	212912.9897	0.02358	0.0243	0.06757	0.06817	0.07842	0.07884	3.74E-03	4.90E-06	5.11E-06	2.28E-05	2.29E-05	9.47E-06	9.50E-06	3.8144E-03
606687.8	4201108.22	193454.7136	0.02456	0.02532	0.06997	0.07059	0.07734	0.0777	3.40E-03	5.10E-06	5.33E-06	2.36E-05	2.37E-05	9.34E-06	9.36E-06	3.4744E-03
606707.8	4201108.22	176683.5886	0.02565	0.02647	0.07255	0.07319	0.07627	0.07657	3.10E-03	5.33E-06	5.57E-06	2.44E-05	2.45E-05	9.21E-06	9.23E-06	3.1817E-03
606727.8	4201108.22	162185.1711	0.0268	0.02767	0.07527	0.07593	0.07517	0.07541	2.85E-03	5.57E-06	5.82E-06	2.54E-05	2.55E-05	9.08E-06	9.09E-06	2.9291E-03
606747.8	4201108.22	149429.7389	0.02807	0.02901	0.0782	0.07887	0.07406	0.07425	2.62E-03	5.83E-06	6.10E-06	2.63E-05	2.65E-05	8.94E-06	8.95E-06	2.7073E-03
606767.8	4201108.22	138111.3083	0.0295	0.03052	0.08137	0.08207	0.07295	0.07309	2.43E-03	6.13E-06	6.42E-06	2.74E-05	2.75E-05	8.81E-06	8.81E-06	2.5110E-03
606787.8	4201108.22	128097.2486	0.03101	0.0321	0.08472	0.08545	0.07183	0.07193	2.25E-03	6.44E-06	6.75E-06	2.85E-05	2.87E-05	8.67E-06	8.67E-06	2.3377E-03
606807.8	4201108.22	119124.3733	0.03267	0.03385	0.08834	0.08911	0.07072	0.07077	2.09E-03	6.78E-06	7.12E-06	2.98E-05	2.99E-05	8.54E-06	8.53E-06	2.1830E-03
606827.8	4201108.22	111042.428	0.03451	0.03578	0.09227	0.09309	0.0696	0.06962	1.95E-03	7.17E-06	7.53E-06	3.11E-05	3.12E-05	8.40E-06	8.39E-06	2.0442E-03
606847.8	4201108.22	103751.1281	0.03651	0.0379	0.09652	0.09737	0.06849	0.06847	1.82E-03	7.58E-06	7.97E-06	3.25E-05	3.27E-05	8.27E-06	8.25E-06	1.9196E-03
606867.8	4201108.22	97151.3491	0.03874	0.04025	0.10083	0.10156	0.06739	0.06734	1.71E-03	8.04E-06	8.47E-06	3.40E-05	3.41E-05	8.14E-06	8.12E-06	1.8072E-03
606887.8	4201108.22	91144.78939	0.04175	0.04326	0.10538	0.10636	0.0663	0.06621	1.60E-03	8.67E-06	9.10E-06	3.55E-05	3.57E-05	8.01E-06	7.98E-06	1.7059E-03
606907.8	4201108.22	85650.38585	0.04477	0.04653	0.11081	0.11188	0.06521	0.06509	1.50E-03	9.30E-06	9.79E-06	3.73E-05	3.75E-05	7.87E-06	7.84E-06	1.6141E-03
606927.8	4201108.22	80624.42055	0.04807	0.05006	0.11682	0.11797	0.06412	0.06398	1.42E-03	9.98E-06	1.05E-05	3.93E-05	3.96E-05	7.74E-06	7.71E-06	1.5310E-03
606947.8	4201108.22	76020.05581	0.05156	0.05382	0.12348	0.12474	0.06305	0.06289	1.34E-03	1.07E-05	1.13E-05	4.16E-05	4.18E-05	7.61E-06	7.58E-06	1.4559E-03
606967.8	4201108.22	71787.49972	0.05544	0.05796	0.13086	0.13225	0.06199	0.06181	1.26E-03	1.15E-05	1.22E-05	4.41E-05	4.44E-05	7.49E-06	7.45E-06	1.3880E-03
606987.8	4201108.22	67888.38743	0.05982	0.06261	0.13909	0.14067	0.06095	0.06074	1.19E-03	1.24E-05	1.32E-05	4.68E-05	4.72E-05	7.36E-06	7.32E-06	1.3267E-03
607007.8	4201108.22	64283.71478	0.06482	0.06798	0.14843	0.15018	0.05991	0.05968	1.13E-03	1.35E-05	1.43E-05	5.00E-05	5.04E-05	7.23E-06	7.19E-06	1.2717E-03
607027.8	4201108.22	60949.97074	0.07057	0.07417	0.15901	0.16102	0.05888	0.05864	1.07E-03	1.47E-05	1.56E-05	5.36E-05	5.40E-05	7.11E-06	7.07E-06	1.2226E-03
607047.8	4201108.22	57858.6902	0.07729	0.08132	0.17126	0.17358	0.05787	0.05761	1.02E-03	1.60E-05	1.71E-05	5.77E-05	5.82E-05	6.99E-06	6.94E-06	1.1793E-03
607067.8	4201108.22	54986.92709	0.08518	0.08978	0.18551	0.18822	0.05687	0.0566	9.66E-04	1.77E-05	1.89E-05	6.25E-05	6.31E-05	6.87E-06	6.82E-06	1.1417E-03
607087.8	4201108.22	52320.91751	0.09451	0.09981	0.2021	0.20533	0.05588	0.0556	9.19E-04	1.96E-05	2.10E-05	6.81E-05	6.89E-05	6.75E-06	6.70E-06	1.1100E-03
607107.8	4201108.22	49838.27664	0.10581	0.11197	0.22176	0.22567	0.05491	0.05461	8.75E-04	2.20E-05	2.36E-05	7.47E-05	7.57E-05	6.63E-06	6.58E-06	1.0845E-03
607127.8	4201108.22	47526.0012	0.11959	0.1268	0.2453	0.25016	0.05395	0.05365	8.35E-04	2.48E-05	2.67E-05	8.26E-05	8.39E-05	6.51E-06	6.47E-06	1.0658E-03
607147.8	4201108.22	45366.70515	0.13673	0.14534	0.27407	0.28027	0.05301	0.05269	7.97E-04	2.84E-05	3.06E-05	9.23E-05	9.40E-05	6.40E-06	6.35E-06	1.0549E-03
607167.8	4201108.22	43352.62409	0.15807	0.16866	0.30976	0.31786	0.05208	0.05176	7.61E-04	3.28E-05	3.55E-05	1.04E-04	1.07E-04	6.29E-06	6.24E-06	1.0532E-03
607187.8	4201108.22	41467.82616	0.18544	0.1989	0.35552	0.3664	0.05117	0.05085	7.28E-04	3.85E-05	4.18E-05	1.20E-04	1.23E-04	6.18E-06	6.13E-06	1.0637E-03
607207.8	4201108.22	39701.83094	0.2214	0.23923	0.41617	0.43133	0.05028	0.04995	6.97E-04	4.60E-05	5.03E-05	1.40E-04	1.45E-04	6.07E-06	6.02E-06	1.0906E-03
607227.8	4201108.22	38045.21817	0.27029	0.29506	0.50008	0.52233	0.0494	0.04907	6.68E-04	5.61E-05	6.21E-05	1.68E-04	1.75E-04	5.97E-06	5.91E-06	1.1420E-03
607247.8	4201108.22	36489.41547	0.34025	0.37668	0.62316	0.65811	0.04854	0.0482	6.41E-04	7.07E-05	7.92E-05	2.10E-04	2.21E-04	5.86E-06	5.81E-06	1.2331E-03
607267.8	4201108.22	35026.77519	0.44835	0.50629	0.81929	0.88012	0.04769	0.04735	6.15E-04	9.31E-05	1.07E-04	2.76E-04	2.95E-04	5.76E-06	5.71E-06	1.3974E-03
607287.8	4201108.22	33650.17791	0.63381	0.73976	1.17287	1.29618	0.04686	0.04652	5.91E-04	1.32E-04	1.56E-04	3.95E-04	4.35E-04	5.66E-06	5.61E-06	1.7193E-03
607307.8	4201108.22	32353.28618	0.97654	1.23148	1.93063	2.23698	0.04605	0.0457	5.68E-04	2.03E-04	2.59E-04	6.50E-04	7.50E-04	5.56E-06	5.51E-06	2.4417E-03
606527.8	4201128.22	622402.6966	0.01744	0.01784	0.05469	0.05518	0.09041	0.09129	1.09E-02	3.62E-06	3.75E-06	1.84E-05	1.85E-05	1.09E-05	1.10E-05	1.0999E-02
606547.8	4201128.22	509289.104	0.01803	0.01846	0.05629	0.05681	0.08929	0.09005	8.95E-03	3.74E-06	3.88E-06	1.90E-05	1.91E-05	1.08E-05	1.09E-05	9.0128E-03
606567.8	4201128.22	417941.1388	0.01865	0.01911	0.05798	0.05852	0.08812	0.08881	7.34E-03	3.87E-06	4.02E-06	1.95E-05	1.96E-05	1.06E-05	1.07E-05	7.4094E-03
606587.8	4201128.22	356124.8286	0.01929	0.01977	0.05974	0.06032	0.08695	0.08754	6.26E-03	4.01E-06	4.16E-06	2.01E-05	2.02E-05	1.05E-05	1.06E-05	6.3248E-03
606607.8	4201128.22	310025.3724	0.02	0.0205	0.06165	0.06225	0.08574	0.08626	5.45E-03	4.15E-06	4.31E-06	2.08E-05	2.09E-05	1.04E-05	1.04E-05	5.5164E-03
606627.8	4201128.22	273861.2741	0.02075	0.02128	0.06367	0.06431	0.08453	0.08495	4.81E-03	4.31E-06	4.48E-06	2.14E-05	2.16E-05	1.02E-05	1.02E-05	4.8826E-03
606647.8	4201128.22	244695.6191	0.02151	0.02208	0.06579	0.06646	0.08329	0.08365	4.30E-03	4.47E-06	4.65E-06	2.22E-05	2.23E-05	1.01E-05	1.01E-05	4.3717E-03
606667.8	4201128.22	220246.6531	0.02237	0.02297	0.06809	0.0688	0.08204	0.08234	3.87E-03	4.65E-06	4.83E-06	2.29E-05	2.31E-05	9.91E-06	9.92E-06	3.9439E-03
606687.8	4201128.22	199508.3459	0.02331	0.02396	0.07058	0.07132	0.08078	0.08102	3.50E-03	4.84E-06	5.04E-06	2.38E-05	2.39E-05	9.75E-06	9.76E-06	3.5814E-03
606707.8	4201128.22	181754.201	0.02433	0.02501	0.07323	0.07399	0.07953	0.07972	3.19E-03	5.05E-06	5.26E-06	2.47E-05	2.48E-05	9.60E-06	9.61E-06	3.2715E-03
606727.8	4201128.22	166420.9544	0.0254	0.02613	0.07602	0.07681	0.07827	0.0784	2.92E-03	5.27E-06	5.50E-06	2.56E-05	2.58E-05	9.45E-06	9.45E-06	3.0042E-03
606747.8	4201128.22	152957.7494	0.02659	0.02737	0.07903	0.07985	0.077	0.07708	2.69E-03	5.52E-06	5.76E-06	2.66E-05	2.68E-05	9.30E-06	9.29E-06	2.7699E-03
606767.8	4201128.22	141063.4646	0.0279	0.02874	0.08227	0.08312	0.07574	0.07577	2.48E-03	5.79E-06	6.05E-06	2.77E-05	2.79E-05	9.15E-06	9.13E-06	2.5635E-03
606787.8	4201128.22	130560.5513	0.02927	0.03017	0.08569	0.08659	0.07448	0.07447	2.29E-03	6.08E-06	6.35E-06	2.89E-05	2.90E-05	8.99E-06	8.98E-06	2.3816E-03
606807.8	4201128.22	121188.8291	0.03076	0.03173	0.08937	0.09032	0.07323	0.07319	2.13E-03	6.39E-06	6.68E-06	3.01E-05	3.03E-05	8.84E-06	8.82E-06	2.2198E-03
606827.8	4201128.22	112759.1573	0.03242	0.03346	0.09337	0.0944	0.07199	0.07191	1.98E-03	6.73E-06	7.04E-06	3.14E-05	3.17E-05	8.69E-06	8.67E-06	2.0748E-03
606847.8	4201128.22	105141.9003	0.03429	0.03541	0.09777	0.09889	0.07075	0.07064	1.85E-03	7.12E-06	7.45E-06	3.29E-05	3.32E-05	8.54E-06	8.51E-06	1.9445E-03
606867.8	4201128.22	98282.3591	0.03627	0.03754	0.10227	0.10317	0.06953	0.06939	1.73E-03	7.53E-06	7.90E-06	3.44E-05	3.46E-05	8.40E-06	8.36E-06	1.8275E-03
606887.8	4201128.22	92047.56285	0.03913	0.04034	0.10709	0.10837	0.06832	0.06815	1.62E-03	8.13E-06	8.49E-06	3.61E-05	3.63E-05	8.25E-06	8.21E-06	1.7223E-03
606907.8	4201128.22	86385.36981	0.04175	0.04314	0.11266	0.11407	0.06713	0.06693	1.52E-03	8.67E-06	9.08E-06	3.79E-05	3.83E-05	8.11E-06	8.07E-06	1.6275E-03
606927.8	4201128.22	81205.25737	0.04471	0.04627	0.11886	0.12043	0.06595	0.06572	1.43E-03	9.28E-06	9.73E-06	4.00E-05	4.04E-05	7.96E-06	7.92E-06	1.5417E-03
606947.8	4201128.22	76464.83698	0.04794	0.04975	0.12573	0.12743	0.06478	0.06453	1.34E-03	9.96E-06	1.05E-05	4.23E-05	4.27E-05	7.82E-06	7.78E-06	1.4642E-03
606967.8	4201128.22	72116.59084	0.05147	0.05343	0.1334	0.1353	0.06362	0.06336	1.27E-03	1.07E-05	1.12E-05	4.49E-05	4.54E-05	7.68E-06	7.64E-06	1.3943E-03
606987.8	4201128.22	68118.15034	0.05542	0.05757	0.14198	0.14415	0.06249	0.0622	1.20E-03	1.15E-05	1.21E-05	4.78E-05	4.83E-05	7.55E-06	7.50E-06	1.3313E-03
607007.8	4201128.22	64436.23041	0.05987	0.06229	0.15164	0.15408	0.06136	0.06106	1.13E-03	1.24E-05	1.31E-05	5.11E-05	5.17E-05	7.41E-06	7.36E-06	1.2749E-03
607027.8	4201128.22	61039.33569	0.06497	0.06767	0.16258	0.16536	0.06026	0.05995	1.07E-03	1.35E-05	1.42E-05	5.48E-05	5.55E-05	7.28E-06	7.23E-06	1.2246E-03
607047.8	4201128.22	57892.81803	0.07093	0.0739	0.17527	0.17851	0.05917	0.05884	1.02E-03	1.47E-05	1.55E-05	5.90E-05	5.99E-05	7.14E-06	7.09E-06	1.1803E-03
607067.8	4201128.22	54978.85813	0.07787	0.08118	0.18999	0.19382	0.05809	0.05776	9.66E-04	1.62E-05	1.71E-05	6.40E-05	6.50E-05	7.01E-06	6.96E-06	1.1419E-03
607087.8	4201128.22	52271.6115	0.08614	0.08986	0.20731	0.21191	0.05704	0.05669	9.18E-04	1.79E-05	1.89E-05	6.98E-05	7.11E-05	6.89E-06	6.83E-06	1.1095E-03
607107.8	4201128.22	49764.15029	0.09588	0.10011	0.22764	0.23324	0.056	0.05565	8.74E-04	1.99E-05	2.11E-05	7.67E-05	7.82E-05	6.76E-06	6.71E-06	1.0834E-03
607127.8	4201128.22	47427.0383	0.10777	0.11259	0.25215	0.25917	0.05498	0.05462	8.33E-04	2.24E-05	2.37E-05	8.49E-05	8.69E-05	6.64E-06	6.58E-06	1.0642E-03
607147.8	4201128.22	45249.1216	0.12229	0.12793	0.28205	0.29109	0.05398	0.05362	7.95E-04	2.54E-05	2.69E-05	9.50E-05	9.76E-05	6.52E-06	6.46E-06	1.0527E-03
607167.8	4201128.22	43219.66956	0.14003	0.14686	0.31917	0.33111	0.053	0.05263	7.59E-04	2.91E-05	3.09E-05	1.07E-04	1.11E-04	6.40E-06	6.34E-06	1.0504E-03
607187.8	4201128.22	41322.98801	0.16221	0.17079	0.36673	0.383	0.05204	0.05167	7.26E-04	3.37E-05	3.59E-05	1.24E-04	1.28E-04	6.28E-06	6.23E-06	1.0599E-03
607207.8	4201128.22	39547.97764	0.19045	0.20172	0.42971	0.45279	0.0511	0.05072	6.95E-04	3.95E-05	4.24E-05	1.45E-04	1.52E-04	6.17E-06	6.11E-06	1.0855E-03
607227.8	4201128.22	37884.71453	0.22744	0.24295	0.51667	0.55117	0.05017	0.04979	6.65E-04	4.72E-05	5.11E-05	1.74E-04	1.85E-04	6.06E-06	6.00E-06	1.1347E-03
607247.8	4201128.22	36324.23608	0.278	0.30054	0.64378	0.69901	0.04926	0.04888	6.38E-04	5.77E-05	6.32E-05	2.17E-04	2.34E-04	5.95E-06	5.89E-06	1.2221E-03
607267.8	4201128.22	34858.55876	0.35113	0.38671	0.84488	0.94262	0.04838	0.048	6.12E-04	7.29E-05	8.14E-05	2.85E-04	3.16E-04	5.84E-06	5.78E-06	1.3789E-03
607287.8	4201128.22	33480.28348	0.46313	0.52774	1.20172	1.40259	0.04751	0.04713	5.88E-04	9.62E-05	1.11E-04	4.05E-04	4.70E-04	5.74E-06	5.68E-06	1.6819E-03
607307.8	4201128.22	32182.45102	0.63308	0.7709	1.93945	2.44029	0.04665	0.04627	5.65E-04	1.31E-04	1.62E-04	6.53E-04	8.19E-04	5.63E-06	5.58E-06	2.3418E-03
606527.8	4201148.22	638144.5356	0.01669	0.01704	0.05494	0.05548	0.09561	0.09635	1.12E-02	3.47E-06	3.58E-06	1.85E-05	1.86E-05	1.15E-05	1.16E-05	1.1276E-02
606547.8	4201148.22	523768.317	0.01724	0.01761	0.05655	0.05712	0.09423	0.09487	9.20E-03	3.58E-06	3.70E-06	1.90E-05	1.92E-05	1.14E-05	1.14E-05	9.2682E-03
606567.8	4201148.22	431075.1552	0.01782	0.01821	0.05825	0.05885	0.09283	0.09336	7.57E-03	3.70E-06	3.83E-06	1.96E-05	1.97E-05	1.12E-05	1.13E-05	7.6411E-03
606587.8	4201148.22	367452.0899	0.01844	0.01885	0.06005	0.06069	0.09141	0.09185	6.45E-03	3.83E-06	3.97E-06	2.02E-05	2.04E-05	1.10E-05	1.11E-05	6.5247E-03
606607.8	4201148.22	319840.7368	0.01909	0.01953	0.06198	0.06265	0.08998	0.09035	5.62E-03	3.96E-06	4.11E-06	2.09E-05	2.10E-05	1.09E-05	1.09E-05	5.6896E-03
606627.8	4201148.22	282539.9592	0.01976	0.02022	0.06398	0.06469	0.08855	0.08884	4.96E-03	4.10E-06	4.25E-06	2.15E-05	2.17E-05	1.07E-05	1.07E-05	5.0358E-03
606647.8	4201148.22	251757.9139	0.02053	0.02101	0.06619	0.06694	0.08711	0.08733	4.42E-03	4.26E-06	4.42E-06	2.23E-05	2.25E-05	1.05E-05	1.05E-05	4.4965E-03
606667.8	4201148.22	226152.2463	0.02134	0.02185	0.06854	0.06934	0.08566	0.08583	3.97E-03	4.43E-06	4.60E-06	2.31E-05	2.33E-05	1.03E-05	1.03E-05	4.0484E-03
606687.8	4201148.22	204448.5187	0.02222	0.02277	0.07108	0.07191	0.08421	0.08432	3.59E-03	4.61E-06	4.79E-06	2.39E-05	2.41E-05	1.02E-05	1.02E-05	3.6689E-03
606707.8	4201148.22	185861.7439	0.02317	0.02375	0.07378	0.07465	0.08278	0.08284	3.26E-03	4.81E-06	5.00E-06	2.48E-05	2.50E-05	1.00E-05	9.98E-06	3.3443E-03
606727.8	4201148.22	169729.445	0.02422	0.02483	0.07668	0.07758	0.08134	0.08135	2.98E-03	5.03E-06	5.22E-06	2.58E-05	2.60E-05	9.82E-06	9.80E-06	3.0630E-03
606747.8	4201148.22	155702.8273	0.02531	0.02597	0.07973	0.08068	0.07991	0.07987	2.73E-03	5.26E-06	5.46E-06	2.69E-05	2.71E-05	9.65E-06	9.63E-06	2.8188E-03
606767.8	4201148.22	143395.0103	0.02646	0.02716	0.08296	0.08395	0.0785	0.07842	2.52E-03	5.49E-06	5.71E-06	2.79E-05	2.82E-05	9.48E-06	9.45E-06	2.6049E-03
606787.8	4201148.22	132426.7721	0.02776	0.02851	0.08647	0.08752	0.07709	0.07698	2.33E-03	5.76E-06	6.00E-06	2.91E-05	2.94E-05	9.31E-06	9.28E-06	2.4149E-03
606807.8	4201148.22	122681.1961	0.02915	0.02995	0.09023	0.09134	0.07571	0.07555	2.15E-03	6.05E-06	6.30E-06	3.04E-05	3.06E-05	9.14E-06	9.11E-06	2.2465E-03
606827.8	4201148.22	113944.0158	0.03069	0.03154	0.09432	0.09552	0.07433	0.07414	2.00E-03	6.37E-06	6.64E-06	3.18E-05	3.20E-05	8.98E-06	8.94E-06	2.0961E-03
606847.8	4201148.22	106091.3029	0.03238	0.03329	0.09877	0.10008	0.07297	0.07275	1.86E-03	6.72E-06	7.00E-06	3.33E-05	3.36E-05	8.81E-06	8.77E-06	1.9616E-03
606867.8	4201148.22	98994.85964	0.03427	0.03529	0.10338	0.10452	0.07162	0.07138	1.74E-03	7.12E-06	7.42E-06	3.48E-05	3.51E-05	8.65E-06	8.60E-06	1.8405E-03
606887.8	4201148.22	92593.9057	0.03678	0.03744	0.10856	0.11005	0.0703	0.07003	1.63E-03	7.64E-06	7.88E-06	3.66E-05	3.69E-05	8.49E-06	8.44E-06	1.7323E-03
606907.8	4201148.22	86770.37268	0.03935	0.04043	0.11423	0.11592	0.069	0.06871	1.52E-03	8.17E-06	8.51E-06	3.85E-05	3.89E-05	8.33E-06	8.28E-06	1.6347E-03
606927.8	4201148.22	81467.47543	0.04206	0.04329	0.1206	0.12248	0.06771	0.0674	1.43E-03	8.73E-06	9.11E-06	4.06E-05	4.11E-05	8.18E-06	8.12E-06	1.5468E-03
606947.8	4201148.22	76622.84071	0.04503	0.04645	0.12768	0.12974	0.06644	0.06611	1.35E-03	9.35E-06	9.77E-06	4.30E-05	4.35E-05	8.02E-06	7.97E-06	1.4675E-03
606967.8	4201148.22	72186.24616	0.04829	0.0498	0.13563	0.13794	0.06519	0.06485	1.27E-03	1.00E-05	1.05E-05	4.57E-05	4.63E-05	7.87E-06	7.82E-06	1.3961E-03
606987.8	4201148.22	68116.93468	0.05189	0.05357	0.14453	0.14713	0.06396	0.06361	1.20E-03	1.08E-05	1.13E-05	4.87E-05	4.93E-05	7.72E-06	7.67E-06	1.3319E-03
607007.8	4201148.22	64380.95592	0.05596	0.05778	0.15449	0.15744	0.06276	0.06239	1.13E-03	1.16E-05	1.22E-05	5.20E-05	5.28E-05	7.58E-06	7.52E-06	1.2745E-03
607027.8	4201148.22	60942.43856	0.06056	0.06256	0.16573	0.16912	0.06157	0.06119	1.07E-03	1.26E-05	1.32E-05	5.58E-05	5.67E-05	7.43E-06	7.37E-06	1.2235E-03
607047.8	4201148.22	57762.85996	0.06595	0.06809	0.17877	0.1827	0.06041	0.06002	1.01E-03	1.37E-05	1.43E-05	6.02E-05	6.13E-05	7.29E-06	7.23E-06	1.1786E-03
607067.8	4201148.22	54823.78762	0.07219	0.07452	0.19388	0.19851	0.05927	0.05887	9.63E-04	1.50E-05	1.57E-05	6.53E-05	6.66E-05	7.16E-06	7.09E-06	1.1398E-03
607087.8	4201148.22	52096.69499	0.07961	0.08217	0.2117	0.21725	0.05814	0.05774	9.15E-04	1.65E-05	1.73E-05	7.13E-05	7.29E-05	7.02E-06	6.96E-06	1.1070E-03
607107.8	4201148.22	49569.66989	0.08838	0.09123	0.23278	0.23952	0.05704	0.05663	8.71E-04	1.84E-05	1.92E-05	7.84E-05	8.03E-05	6.89E-06	6.82E-06	1.0807E-03
607127.8	4201148.22	47219.75589	0.0989	0.10211	0.25819	0.2666	0.05596	0.05555	8.29E-04	2.05E-05	2.15E-05	8.70E-05	8.94E-05	6.76E-06	6.69E-06	1.0613E-03
607147.8	4201148.22	45036.44556	0.1114	0.11515	0.28897	0.29975	0.05491	0.05449	7.91E-04	2.31E-05	2.42E-05	9.73E-05	1.01E-04	6.63E-06	6.57E-06	1.0495E-03
607167.8	4201148.22	43000.98755	0.12648	0.13107	0.32739	0.34158	0.05387	0.05345	7.55E-04	2.63E-05	2.76E-05	1.10E-04	1.15E-04	6.50E-06	6.44E-06	1.0469E-03
607187.8	4201148.22	41100.69174	0.14487	0.15074	0.37665	0.39596	0.05286	0.05244	7.22E-04	3.01E-05	3.17E-05	1.27E-04	1.33E-04	6.38E-06	6.32E-06	1.0561E-03
607207.8	4201148.22	39324.0991	0.16759	0.17548	0.44192	0.46932	0.05187	0.05145	6.91E-04	3.48E-05	3.69E-05	1.49E-04	1.57E-04	6.26E-06	6.20E-06	1.0811E-03
607227.8	4201148.22	37660.9642	0.19633	0.20743	0.53207	0.57313	0.0509	0.05047	6.62E-04	4.08E-05	4.36E-05	1.79E-04	1.92E-04	6.15E-06	6.08E-06	1.1296E-03
607247.8	4201148.22	36101.9924	0.23389	0.25038	0.66377	0.72984	0.04995	0.04953	6.34E-04	4.86E-05	5.27E-05	2.24E-04	2.45E-04	6.03E-06	5.97E-06	1.2157E-03
607267.8	4201148.22	34638.80045	0.28468	0.31105	0.87134	0.98918	0.04902	0.0486	6.08E-04	5.91E-05	6.54E-05	2.93E-04	3.32E-04	5.92E-06	5.86E-06	1.3700E-03
607287.8	4201148.22	33263.88416	0.3548	0.40019	1.23508	1.47896	0.04811	0.04769	5.84E-04	7.37E-05	8.42E-05	4.16E-04	4.96E-04	5.81E-06	5.75E-06	1.6657E-03
607307.8	4201148.22	31966.56044	0.45058	0.53166	1.97295	2.57589	0.04722	0.0468	5.61E-04	9.36E-05	1.12E-04	6.64E-04	8.64E-04	5.70E-06	5.64E-06	2.3067E-03
606527.8	4201168.22	650159.4594	0.01602	0.01632	0.05513	0.05572	0.1009	0.10145	1.14E-02	3.33E-06	3.43E-06	1.86E-05	1.87E-05	1.22E-05	1.22E-05	1.1488E-02
606547.8	4201168.22	534658.7462	0.01653	0.01686	0.05675	0.05737	0.09923	0.0997	9.39E-03	3.43E-06	3.55E-06	1.91E-05	1.92E-05	1.20E-05	1.20E-05	9.4605E-03
606567.8	4201168.22	440990.6956	0.01708	0.01742	0.05845	0.0591	0.09757	0.09795	7.75E-03	3.55E-06	3.66E-06	1.97E-05	1.98E-05	1.18E-05	1.18E-05	7.8162E-03
606587.8	4201168.22	376298.8013	0.01766	0.01802	0.06028	0.06096	0.0959	0.09619	6.61E-03	3.67E-06	3.79E-06	2.03E-05	2.04E-05	1.16E-05	1.16E-05	6.6810E-03
606607.8	4201168.22	327663.1473	0.01828	0.01865	0.06221	0.06294	0.09423	0.09444	5.76E-03	3.80E-06	3.92E-06	2.10E-05	2.11E-05	1.14E-05	1.14E-05	5.8279E-03
606627.8	4201168.22	289202.4892	0.01892	0.01932	0.06425	0.06502	0.09256	0.09271	5.08E-03	3.93E-06	4.06E-06	2.16E-05	2.18E-05	1.12E-05	1.12E-05	5.1536E-03
606647.8	4201168.22	257383.1005	0.01965	0.02006	0.06649	0.06731	0.0909	0.09099	4.52E-03	4.08E-06	4.22E-06	2.24E-05	2.26E-05	1.10E-05	1.10E-05	4.5961E-03
606667.8	4201168.22	230810.7054	0.02043	0.02087	0.06889	0.06976	0.08925	0.08928	4.05E-03	4.24E-06	4.39E-06	2.32E-05	2.34E-05	1.08E-05	1.08E-05	4.1309E-03
606687.8	4201168.22	208357.6623	0.02125	0.02171	0.07144	0.07236	0.08761	0.08759	3.66E-03	4.41E-06	4.57E-06	2.41E-05	2.43E-05	1.06E-05	1.06E-05	3.7382E-03
606707.8	4201168.22	188961.8345	0.02217	0.02266	0.07423	0.07519	0.08599	0.08592	3.32E-03	4.60E-06	4.77E-06	2.50E-05	2.52E-05	1.04E-05	1.04E-05	3.3994E-03
606727.8	4201168.22	172180.7895	0.02318	0.0237	0.07721	0.07822	0.08437	0.08425	3.02E-03	4.81E-06	4.99E-06	2.60E-05	2.62E-05	1.02E-05	1.02E-05	3.1067E-03
606747.8	4201168.22	157654.5635	0.02421	0.02476	0.08032	0.08137	0.08277	0.08261	2.77E-03	5.03E-06	5.21E-06	2.71E-05	2.73E-05	9.99E-06	9.96E-06	2.8537E-03
606767.8	4201168.22	144893.6618	0.02532	0.0259	0.08363	0.08473	0.0812	0.081	2.55E-03	5.26E-06	5.45E-06	2.82E-05	2.84E-05	9.80E-06	9.76E-06	2.6319E-03
606787.8	4201168.22	133609.337	0.02651	0.02713	0.08717	0.08833	0.07965	0.07942	2.35E-03	5.51E-06	5.71E-06	2.94E-05	2.96E-05	9.62E-06	9.57E-06	2.4362E-03
606807.8	4201168.22	123563.1528	0.02782	0.02847	0.091	0.09223	0.07812	0.07785	2.17E-03	5.78E-06	5.99E-06	3.06E-05	3.09E-05	9.43E-06	9.38E-06	2.2625E-03
606827.8	4201168.22	114606.5512	0.02923	0.02992	0.09511	0.09645	0.07661	0.07632	2.01E-03	6.07E-06	6.29E-06	3.20E-05	3.24E-05	9.25E-06	9.20E-06	2.1082E-03
606847.8	4201168.22	106554.693	0.03081	0.03154	0.09963	0.10108	0.07512	0.0748	1.87E-03	6.40E-06	6.64E-06	3.36E-05	3.39E-05	9.07E-06	9.01E-06	1.9702E-03
606867.8	4201168.22	99290.25475	0.03258	0.0334	0.10434	0.10568	0.07366	0.07331	1.74E-03	6.77E-06	7.03E-06	3.51E-05	3.54E-05	8.89E-06	8.84E-06	1.8461E-03
606887.8	4201168.22	92742.34709	0.03503	0.03577	0.10971	0.11143	0.07222	0.07185	1.63E-03	7.27E-06	7.52E-06	3.69E-05	3.74E-05	8.72E-06	8.66E-06	1.7355E-03
606907.8	4201168.22	86806.21532	0.03742	0.03828	0.11556	0.11747	0.0708	0.07042	1.52E-03	7.77E-06	8.05E-06	3.89E-05	3.94E-05	8.55E-06	8.49E-06	1.6359E-03
606927.8	4201168.22	81408.22595	0.04001	0.04099	0.12208	0.12418	0.0694	0.06901	1.43E-03	8.31E-06	8.62E-06	4.11E-05	4.17E-05	8.38E-06	8.32E-06	1.5463E-03
606947.8	4201168.22	76501.83754	0.04267	0.04377	0.12936	0.13171	0.06804	0.06763	1.34E-03	8.86E-06	9.21E-06	4.36E-05	4.42E-05	8.22E-06	8.15E-06	1.4659E-03
606967.8	4201168.22	72015.68587	0.04564	0.04682	0.13751	0.14015	0.0667	0.06628	1.26E-03	9.48E-06	9.85E-06	4.63E-05	4.70E-05	8.05E-06	7.99E-06	1.3936E-03
606987.8	4201168.22	67908.24016	0.04897	0.05023	0.14663	0.1496	0.06538	0.06495	1.19E-03	1.02E-05	1.06E-05	4.94E-05	5.02E-05	7.89E-06	7.83E-06	1.3288E-03
607007.8	4201168.22	64139.98055	0.05271	0.05408	0.15685	0.16021	0.0641	0.06365	1.13E-03	1.09E-05	1.14E-05	5.28E-05	5.37E-05	7.74E-06	7.67E-06	1.2709E-03
607027.8	4201168.22	60675.32823	0.05699	0.05845	0.16844	0.17227	0.06283	0.06238	1.07E-03	1.18E-05	1.23E-05	5.67E-05	5.78E-05	7.59E-06	7.52E-06	1.2195E-03
607047.8	4201168.22	57471.99218	0.06202	0.06356	0.18191	0.18637	0.06159	0.06113	1.01E-03	1.29E-05	1.34E-05	6.13E-05	6.25E-05	7.44E-06	7.37E-06	1.1743E-03
607067.8	4201168.22	54522.82243	0.06776	0.0694	0.19742	0.20264	0.06038	0.05992	9.58E-04	1.41E-05	1.46E-05	6.65E-05	6.80E-05	7.29E-06	7.22E-06	1.1353E-03
607087.8	4201168.22	51795.29525	0.07447	0.07623	0.21557	0.22179	0.05919	0.05873	9.10E-04	1.55E-05	1.60E-05	7.26E-05	7.44E-05	7.15E-06	7.08E-06	1.1025E-03
607107.8	4201168.22	49260.82262	0.0825	0.08444	0.23737	0.24491	0.05802	0.05756	8.65E-04	1.71E-05	1.78E-05	7.99E-05	8.21E-05	7.01E-06	6.94E-06	1.0762E-03
607127.8	4201168.22	46915.33706	0.09178	0.09399	0.26334	0.27266	0.05689	0.05642	8.24E-04	1.91E-05	1.98E-05	8.87E-05	9.15E-05	6.87E-06	6.80E-06	1.0567E-03
607147.8	4201168.22	44733.49789	0.10274	0.10538	0.29506	0.30691	0.05578	0.05531	7.86E-04	2.13E-05	2.22E-05	9.94E-05	1.03E-04	6.74E-06	6.67E-06	1.0450E-03
607167.8	4201168.22	42701.32108	0.11568	0.11903	0.33468	0.35016	0.05469	0.05422	7.50E-04	2.40E-05	2.50E-05	1.13E-04	1.17E-04	6.60E-06	6.53E-06	1.0424E-03
607187.8	4201168.22	40804.49785	0.13111	0.13558	0.38565	0.4066	0.05363	0.05316	7.17E-04	2.72E-05	2.85E-05	1.30E-04	1.36E-04	6.48E-06	6.41E-06	1.0516E-03
607207.8	4201168.22	39034.71368	0.14946	0.15569	0.45299	0.48255	0.05259	0.05212	6.86E-04	3.10E-05	3.28E-05	1.53E-04	1.62E-04	6.35E-06	6.28E-06	1.0765E-03
607227.8	4201168.22	37378.1346	0.17198	0.181	0.54633	0.5905	0.05157	0.05111	6.57E-04	3.57E-05	3.81E-05	1.84E-04	1.98E-04	6.23E-06	6.16E-06	1.1248E-03
607247.8	4201168.22	35826.33994	0.20006	0.21369	0.68282	0.75391	0.05058	0.05012	6.29E-04	4.15E-05	4.50E-05	2.30E-04	2.53E-04	6.11E-06	6.04E-06	1.2108E-03
607267.8	4201168.22	34370.82221	0.23573	0.25693	0.89764	1.02478	0.04961	0.04916	6.04E-04	4.90E-05	5.41E-05	3.02E-04	3.44E-04	5.99E-06	5.92E-06	1.3647E-03
607287.8	4201168.22	33003.16967	0.28237	0.3151	1.27431	1.53728	0.04867	0.04821	5.80E-04	5.86E-05	6.63E-05	4.29E-04	5.16E-04	5.88E-06	5.81E-06	1.6611E-03
607307.8	4201168.22	31714.9199	0.3424	0.39319	2.03248	2.67489	0.04774	0.04729	5.57E-04	7.11E-05	8.27E-05	6.85E-04	8.97E-04	5.76E-06	5.70E-06	2.3041E-03
606527.8	4201188.22	658451.6649	0.01542	0.01569	0.0553	0.05592	0.10621	0.10658	1.16E-02	3.20E-06	3.30E-06	1.86E-05	1.88E-05	1.28E-05	1.28E-05	1.1635E-02
606547.8	4201188.22	542130.4802	0.0159	0.01618	0.0569	0.05755	0.10425	0.10453	9.52E-03	3.30E-06	3.40E-06	1.92E-05	1.93E-05	1.26E-05	1.26E-05	9.5928E-03
606567.8	4201188.22	447902.7753	0.01642	0.01672	0.05862	0.05931	0.10231	0.10251	7.87E-03	3.41E-06	3.52E-06	1.97E-05	1.99E-05	1.24E-05	1.24E-05	7.9386E-03
606587.8	4201188.22	382755.3188	0.01697	0.01729	0.06045	0.06118	0.10038	0.1005	6.72E-03	3.52E-06	3.64E-06	2.04E-05	2.05E-05	1.21E-05	1.21E-05	6.7953E-03
606607.8	4201188.22	333584.284	0.01755	0.01788	0.06238	0.06315	0.09845	0.09851	5.86E-03	3.64E-06	3.76E-06	2.10E-05	2.12E-05	1.19E-05	1.19E-05	5.9327E-03
606627.8	4201188.22	294217.3567	0.01817	0.01852	0.06445	0.06527	0.09656	0.09654	5.17E-03	3.77E-06	3.90E-06	2.17E-05	2.19E-05	1.17E-05	1.16E-05	5.2424E-03
606647.8	4201188.22	261610.4929	0.01886	0.01922	0.06671	0.06758	0.09468	0.0946	4.60E-03	3.92E-06	4.04E-06	2.25E-05	2.27E-05	1.14E-05	1.14E-05	4.6711E-03
606667.8	4201188.22	234301.3073	0.0196	0.01998	0.06913	0.07006	0.09282	0.09268	4.12E-03	4.07E-06	4.20E-06	2.33E-05	2.35E-05	1.12E-05	1.12E-05	4.1929E-03
606687.8	4201188.22	211014.2219	0.02042	0.02082	0.07177	0.07275	0.09096	0.09079	3.71E-03	4.24E-06	4.38E-06	2.42E-05	2.44E-05	1.10E-05	1.09E-05	3.7855E-03
606707.8	4201188.22	191060.1403	0.0213	0.02171	0.07458	0.07562	0.08915	0.08894	3.36E-03	4.42E-06	4.57E-06	2.51E-05	2.54E-05	1.08E-05	1.07E-05	3.4369E-03
606727.8	4201188.22	173816.2322	0.02224	0.02268	0.07759	0.07868	0.08735	0.08709	3.05E-03	4.62E-06	4.77E-06	2.61E-05	2.64E-05	1.05E-05	1.05E-05	3.1360E-03
606747.8	4201188.22	158837.1874	0.02323	0.02369	0.08077	0.08191	0.08558	0.08529	2.79E-03	4.82E-06	4.98E-06	2.72E-05	2.75E-05	1.03E-05	1.03E-05	2.8750E-03
606767.8	4201188.22	145708.875	0.02429	0.02478	0.08415	0.08534	0.08384	0.08352	2.56E-03	5.04E-06	5.21E-06	2.83E-05	2.86E-05	1.01E-05	1.01E-05	2.6468E-03
606787.8	4201188.22	134129.3637	0.02544	0.02595	0.08776	0.08902	0.08214	0.08178	2.36E-03	5.28E-06	5.46E-06	2.96E-05	2.99E-05	9.92E-06	9.86E-06	2.4459E-03
606807.8	4201188.22	123852.045	0.02669	0.02723	0.09165	0.09299	0.08046	0.08008	2.18E-03	5.54E-06	5.73E-06	3.09E-05	3.12E-05	9.72E-06	9.65E-06	2.2681E-03
606827.8	4201188.22	114713.7316	0.02803	0.0286	0.09582	0.09726	0.07882	0.07841	2.01E-03	5.82E-06	6.02E-06	3.23E-05	3.26E-05	9.52E-06	9.45E-06	2.1106E-03
606847.8	4201188.22	106519.9864	0.02953	0.03012	0.10039	0.1018	0.0772	0.07678	1.87E-03	6.13E-06	6.34E-06	3.38E-05	3.41E-05	9.32E-06	9.25E-06	1.9700E-03
606867.8	4201188.22	99166.26193	0.0312	0.03182	0.10517	0.10669	0.07562	0.07517	1.74E-03	6.48E-06	6.69E-06	3.54E-05	3.58E-05	9.13E-06	9.06E-06	1.8444E-03
606887.8	4201188.22	92507.874	0.03366	0.03428	0.11072	0.1126	0.07406	0.0736	1.62E-03	6.99E-06	7.21E-06	3.73E-05	3.78E-05	8.94E-06	8.87E-06	1.7320E-03
606907.8	4201188.22	86500.87903	0.03586	0.03657	0.11671	0.11879	0.07253	0.07205	1.52E-03	7.45E-06	7.69E-06	3.93E-05	3.98E-05	8.76E-06	8.68E-06	1.6311E-03
606927.8	4201188.22	81062.11663	0.03818	0.039	0.12331	0.1256	0.07103	0.07055	1.42E-03	7.93E-06	8.20E-06	4.15E-05	4.21E-05	8.58E-06	8.50E-06	1.5407E-03
606947.8	4201188.22	76111.6393	0.0407	0.04156	0.13078	0.13336	0.06957	0.06907	1.34E-03	8.45E-06	8.74E-06	4.40E-05	4.47E-05	8.40E-06	8.32E-06	1.4596E-03
606967.8	4201188.22	71603.96177	0.04346	0.04438	0.13909	0.14203	0.06814	0.06763	1.26E-03	9.02E-06	9.34E-06	4.68E-05	4.76E-05	8.23E-06	8.15E-06	1.3869E-03
606987.8	4201188.22	67482.18338	0.04657	0.04754	0.14843	0.15174	0.06674	0.06622	1.19E-03	9.67E-06	1.00E-05	5.00E-05	5.09E-05	8.06E-06	7.98E-06	1.3219E-03
607007.8	4201188.22	63706.20841	0.05009	0.05112	0.15888	0.16262	0.06537	0.06485	1.12E-03	1.04E-05	1.08E-05	5.35E-05	5.45E-05	7.89E-06	7.82E-06	1.2639E-03
607027.8	4201188.22	60232.22311	0.05415	0.0552	0.17088	0.17514	0.06402	0.0635	1.06E-03	1.12E-05	1.16E-05	5.76E-05	5.87E-05	7.73E-06	7.65E-06	1.2125E-03
607047.8	4201188.22	57034.39552	0.05882	0.05991	0.18466	0.18956	0.06271	0.06218	1.00E-03	1.22E-05	1.26E-05	6.22E-05	6.36E-05	7.57E-06	7.49E-06	1.1675E-03
607067.8	4201188.22	54090.85488	0.06417	0.06531	0.20052	0.20623	0.06143	0.0609	9.50E-04	1.33E-05	1.37E-05	6.75E-05	6.92E-05	7.42E-06	7.34E-06	1.1286E-03
607087.8	4201188.22	51370.58341	0.07038	0.0716	0.21912	0.22588	0.06017	0.05965	9.02E-04	1.46E-05	1.51E-05	7.38E-05	7.58E-05	7.27E-06	7.19E-06	1.0960E-03
607107.8	4201188.22	48851.27806	0.07761	0.07895	0.24125	0.2494	0.05895	0.05843	8.58E-04	1.61E-05	1.66E-05	8.13E-05	8.37E-05	7.12E-06	7.04E-06	1.0698E-03
607127.8	4201188.22	46517.21813	0.0859	0.08748	0.26783	0.27782	0.05776	0.05724	8.17E-04	1.78E-05	1.84E-05	9.02E-05	9.32E-05	6.97E-06	6.90E-06	1.0506E-03
607147.8	4201188.22	44342.73092	0.09564	0.09764	0.30059	0.31323	0.05659	0.05607	7.79E-04	1.99E-05	2.05E-05	1.01E-04	1.05E-04	6.83E-06	6.76E-06	1.0392E-03
607167.8	4201188.22	42320.39771	0.10686	0.10955	0.34155	0.35792	0.05545	0.05493	7.43E-04	2.22E-05	2.30E-05	1.15E-04	1.20E-04	6.70E-06	6.62E-06	1.0370E-03
607187.8	4201188.22	40437.60781	0.11975	0.12353	0.39403	0.41597	0.05434	0.05382	7.10E-04	2.49E-05	2.60E-05	1.33E-04	1.40E-04	6.56E-06	6.49E-06	1.0464E-03
607207.8	4201188.22	38680.27049	0.13473	0.1402	0.46371	0.49445	0.05326	0.05274	6.79E-04	2.80E-05	2.95E-05	1.56E-04	1.66E-04	6.43E-06	6.36E-06	1.0717E-03
607227.8	4201188.22	37036.65489	0.15241	0.1605	0.56047	0.6061	0.0522	0.05169	6.51E-04	3.16E-05	3.38E-05	1.89E-04	2.03E-04	6.30E-06	6.23E-06	1.1205E-03
607247.8	4201188.22	35499.53429	0.17329	0.18523	0.70128	0.77428	0.05117	0.05067	6.24E-04	3.60E-05	3.90E-05	2.36E-04	2.60E-04	6.18E-06	6.11E-06	1.2067E-03
607267.8	4201188.22	34058.71846	0.19864	0.21573	0.92189	1.05147	0.05017	0.04967	5.98E-04	4.12E-05	4.54E-05	3.10E-04	3.53E-04	6.06E-06	5.99E-06	1.3601E-03
607287.8	4201188.22	32704.13168	0.23124	0.25489	1.31007	1.57568	0.04918	0.04869	5.74E-04	4.80E-05	5.36E-05	4.41E-04	5.29E-04	5.94E-06	5.87E-06	1.6576E-03
607307.8	4201188.22	31429.79493	0.27233	0.30614	2.09956	2.74205	0.04823	0.04774	5.52E-04	5.66E-05	6.44E-05	7.07E-04	9.20E-04	5.82E-06	5.75E-06	2.3114E-03
606527.8	4201208.22	663064.2951	0.01487	0.01511	0.05541	0.05606	0.11155	0.11171	1.16E-02	3.09E-06	3.18E-06	1.87E-05	1.88E-05	1.35E-05	1.35E-05	1.1717E-02
606547.8	4201208.22	545317.9257	0.01534	0.01559	0.05704	0.05772	0.10927	0.10935	9.58E-03	3.19E-06	3.28E-06	1.92E-05	1.94E-05	1.32E-05	1.32E-05	9.6498E-03
606567.8	4201208.22	452282.3256	0.01583	0.01609	0.05874	0.05947	0.10703	0.10703	7.94E-03	3.29E-06	3.38E-06	1.98E-05	1.99E-05	1.29E-05	1.29E-05	8.0165E-03

606587.8	4201208.22	387435.64	0.01635	0.01663	0.06057	0.06133	0.10482	0.10476	6.81E-03	3.40E-06	3.50E-06	2.04E-05	2.06E-05	1.27E-05	1.26E-05	6.8784E-03
606607.8	4201208.22	337779.9293	0.01691	0.0172	0.06251	0.06332	0.10265	0.10252	5.93E-03	3.51E-06	3.62E-06	2.11E-05	2.12E-05	1.24E-05	1.24E-05	6.0072E-03
606627.8	4201208.22	297672.6122	0.01751	0.01781	0.06461	0.06547	0.10051	0.10031	5.23E-03	3.64E-06	3.75E-06	2.18E-05	2.20E-05	1.21E-05	1.21E-05	5.3039E-03
606647.8	4201208.22	264437.4266	0.01817	0.01848	0.06687	0.06779	0.09838	0.09815	4.64E-03	3.77E-06	3.89E-06	2.25E-05	2.27E-05	1.19E-05	1.18E-05	4.7214E-03
606667.8	4201208.22	236330.1827	0.0189	0.01923	0.06936	0.07034	0.09631	0.09602	4.15E-03	3.92E-06	4.05E-06	2.34E-05	2.36E-05	1.16E-05	1.16E-05	4.2292E-03
606687.8	4201208.22	212589.9196	0.01967	0.02001	0.07198	0.07303	0.09425	0.09393	3.73E-03	4.08E-06	4.21E-06	2.42E-05	2.45E-05	1.14E-05	1.13E-05	3.8138E-03
606707.8	4201208.22	192252.1841	0.02048	0.02083	0.07478	0.07589	0.09225	0.09189	3.38E-03	4.25E-06	4.38E-06	2.52E-05	2.55E-05	1.11E-05	1.11E-05	3.4584E-03
606727.8	4201208.22	174583.5336	0.02138	0.02175	0.07783	0.079	0.09027	0.08987	3.07E-03	4.44E-06	4.58E-06	2.62E-05	2.65E-05	1.09E-05	1.08E-05	3.1500E-03
606747.8	4201208.22	159277.2461	0.02232	0.02271	0.08104	0.08227	0.08833	0.0879	2.80E-03	4.63E-06	4.78E-06	2.73E-05	2.76E-05	1.07E-05	1.06E-05	2.8832E-03
606767.8	4201208.22	145851.8679	0.02335	0.02376	0.08449	0.08577	0.08642	0.08597	2.56E-03	4.85E-06	5.00E-06	2.85E-05	2.88E-05	1.04E-05	1.04E-05	2.6497E-03
606787.8	4201208.22	134053.2142	0.02446	0.02488	0.08815	0.0895	0.08456	0.08408	2.35E-03	5.08E-06	5.23E-06	2.97E-05	3.00E-05	1.02E-05	1.01E-05	2.4450E-03
606807.8	4201208.22	123579.2745	0.02569	0.02613	0.09214	0.09357	0.08273	0.08223	2.17E-03	5.33E-06	5.50E-06	3.10E-05	3.14E-05	9.99E-06	9.91E-06	2.2638E-03
606827.8	4201208.22	114292.787	0.02702	0.02748	0.09641	0.09793	0.08094	0.08043	2.01E-03	5.61E-06	5.78E-06	3.25E-05	3.28E-05	9.77E-06	9.69E-06	2.1037E-03
606847.8	4201208.22	106000.8612	0.02872	0.02899	0.10094	0.10272	0.0792	0.07866	1.86E-03	5.96E-06	6.10E-06	3.40E-05	3.45E-05	9.56E-06	9.48E-06	1.9614E-03
606867.8	4201208.22	98597.01419	0.03047	0.03088	0.10602	0.10782	0.07749	0.07694	1.73E-03	6.33E-06	6.50E-06	3.57E-05	3.62E-05	9.36E-06	9.27E-06	1.8352E-03
606887.8	4201208.22	91927.59615	0.03236	0.03285	0.11151	0.1135	0.07582	0.07526	1.61E-03	6.72E-06	6.91E-06	3.76E-05	3.81E-05	9.16E-06	9.07E-06	1.7222E-03
606907.8	4201208.22	85891.71338	0.03443	0.03503	0.11759	0.11977	0.07419	0.07362	1.51E-03	7.15E-06	7.37E-06	3.96E-05	4.02E-05	8.96E-06	8.87E-06	1.6208E-03
606927.8	4201208.22	80430.08812	0.03663	0.03728	0.12438	0.12682	0.07259	0.07201	1.41E-03	7.61E-06	7.84E-06	4.19E-05	4.25E-05	8.77E-06	8.68E-06	1.5301E-03
606947.8	4201208.22	75482.17262	0.03898	0.03966	0.13193	0.13469	0.07103	0.07045	1.33E-03	8.09E-06	8.34E-06	4.44E-05	4.52E-05	8.58E-06	8.49E-06	1.4489E-03
606967.8	4201208.22	70976.27834	0.0416	0.04231	0.1404	0.14352	0.0695	0.06892	1.25E-03	8.64E-06	8.90E-06	4.73E-05	4.81E-05	8.39E-06	8.31E-06	1.3763E-03
606987.8	4201208.22	66862.20591	0.04455	0.04528	0.14993	0.15343	0.06802	0.06743	1.17E-03	9.25E-06	9.53E-06	5.05E-05	5.15E-05	8.21E-06	8.13E-06	1.3115E-03
607007.8	4201208.22	63098.37079	0.0479	0.04864	0.16063	0.16463	0.06656	0.06598	1.11E-03	9.95E-06	1.02E-05	5.41E-05	5.52E-05	8.04E-06	7.95E-06	1.2538E-03
607027.8	4201208.22	59633.55084	0.0518	0.05254	0.17298	0.17758	0.06514	0.06455	1.05E-03	1.08E-05	1.11E-05	5.83E-05	5.96E-05	7.87E-06	7.78E-06	1.2027E-03
607047.8	4201208.22	56460.33684	0.05617	0.05692	0.18702	0.19231	0.06376	0.06317	9.92E-04	1.17E-05	1.20E-05	6.30E-05	6.45E-05	7.70E-06	7.61E-06	1.1582E-03
607067.8	4201208.22	53533.94145	0.06122	0.062	0.20328	0.20943	0.06241	0.06182	9.40E-04	1.27E-05	1.30E-05	6.85E-05	7.02E-05	7.54E-06	7.45E-06	1.1198E-03
607087.8	4201208.22	50831.43152	0.06703	0.06787	0.22237	0.22965	0.06109	0.06051	8.93E-04	1.39E-05	1.43E-05	7.49E-05	7.70E-05	7.38E-06	7.29E-06	1.0876E-03
607107.8	4201208.22	48340.13559	0.07353	0.07449	0.24481	0.25351	0.05982	0.05923	8.49E-04	1.53E-05	1.57E-05	8.24E-05	8.50E-05	7.22E-06	7.14E-06	1.0619E-03
607127.8	4201208.22	46025.72848	0.08099	0.08222	0.27202	0.28267	0.05857	0.05799	8.08E-04	1.68E-05	1.73E-05	9.16E-05	9.48E-05	7.07E-06	6.99E-06	1.0430E-03
607147.8	4201208.22	43876.52667	0.08942	0.09109	0.30536	0.31864	0.05735	0.05678	7.71E-04	1.86E-05	1.92E-05	1.03E-04	1.07E-04	6.92E-06	6.84E-06	1.0319E-03
607167.8	4201208.22	41876.69824	0.09893	0.10131	0.34711	0.36419	0.05616	0.05559	7.36E-04	2.05E-05	2.13E-05	1.17E-04	1.22E-04	6.78E-06	6.70E-06	1.0299E-03
607187.8	4201208.22	40012.88595	0.10964	0.11314	0.40095	0.42364	0.055	0.05444	7.03E-04	2.28E-05	2.38E-05	1.35E-04	1.42E-04	6.64E-06	6.56E-06	1.0397E-03
607207.8	4201208.22	38271.09274	0.12191	0.12708	0.47316	0.50475	0.05387	0.05332	6.72E-04	2.53E-05	2.67E-05	1.59E-04	1.69E-04	6.50E-06	6.43E-06	1.0659E-03
607227.8	4201208.22	36647.56782	0.13558	0.14307	0.57245	0.61887	0.05278	0.05223	6.44E-04	2.82E-05	3.01E-05	1.93E-04	2.08E-04	6.37E-06	6.29E-06	1.1150E-03
607247.8	4201208.22	35127.38871	0.15153	0.16192	0.71796	0.79163	0.05171	0.05116	6.17E-04	3.15E-05	3.41E-05	2.42E-04	2.66E-04	6.24E-06	6.17E-06	1.2023E-03
607267.8	4201208.22	33707.05101	0.17012	0.18364	0.94285	1.07121	0.05067	0.05013	5.92E-04	3.53E-05	3.86E-05	3.18E-04	3.59E-04	6.12E-06	6.04E-06	1.3550E-03
607287.8	4201208.22	32368.23093	0.1944	0.21185	1.34409	1.60397	0.04965	0.04912	5.69E-04	4.04E-05	4.46E-05	4.53E-04	5.38E-04	6.00E-06	5.92E-06	1.6561E-03
607307.8	4201208.22	31110.49479	0.22396	0.24764	2.16176	2.7811	0.04866	0.04814	5.46E-04	4.65E-05	5.21E-05	7.28E-04	9.33E-04	5.88E-06	5.80E-06	2.3176E-03
606527.8	4201228.22	661489.4786	0.01437	0.01459	0.0555	0.05618	0.11686	0.11679	1.16E-02	2.98E-06	3.07E-06	1.87E-05	1.88E-05	1.41E-05	1.41E-05	1.1691E-02
606547.8	4201228.22	545698.9108	0.01482	0.01505	0.05712	0.05784	0.11426	0.11412	9.59E-03	3.08E-06	3.17E-06	1.92E-05	1.94E-05	1.38E-05	1.38E-05	9.6575E-03
606567.8	4201228.22	455585.6611	0.0153	0.01554	0.05885	0.05961	0.11171	0.1115	8.00E-03	3.18E-06	3.27E-06	1.98E-05	2.00E-05	1.35E-05	1.34E-05	8.0754E-03
606587.8	4201228.22	391128.7372	0.01579	0.01603	0.06064	0.06144	0.10922	0.10895	6.87E-03	3.28E-06	3.37E-06	2.04E-05	2.06E-05	1.32E-05	1.31E-05	6.9441E-03
606607.8	4201228.22	340585.2635	0.01634	0.01659	0.06262	0.06346	0.10677	0.10645	5.98E-03	3.39E-06	3.49E-06	2.11E-05	2.13E-05	1.29E-05	1.28E-05	6.0573E-03
606627.8	4201228.22	299743.1135	0.01692	0.01718	0.06472	0.06562	0.10438	0.10401	5.26E-03	3.51E-06	3.61E-06	2.18E-05	2.20E-05	1.26E-05	1.25E-05	5.3410E-03
606647.8	4201228.22	265715.0272	0.01757	0.01784	0.06702	0.06798	0.10203	0.10162	4.67E-03	3.65E-06	3.75E-06	2.26E-05	2.28E-05	1.23E-05	1.22E-05	4.7446E-03
606667.8	4201228.22	237151.1236	0.01826	0.01855	0.06949	0.07052	0.09973	0.09927	4.17E-03	3.79E-06	3.90E-06	2.34E-05	2.37E-05	1.20E-05	1.20E-05	4.2443E-03
606687.8	4201228.22	213031.5745	0.01898	0.01928	0.0721	0.0732	0.09747	0.09699	3.74E-03	3.94E-06	4.06E-06	2.43E-05	2.46E-05	1.18E-05	1.17E-05	3.8221E-03
606707.8	4201228.22	192338.5697	0.01975	0.02006	0.07491	0.07607	0.09528	0.09476	3.38E-03	4.10E-06	4.22E-06	2.52E-05	2.55E-05	1.15E-05	1.14E-05	3.4604E-03
606727.8	4201228.22	174426.4952	0.0206	0.02092	0.07795	0.07918	0.09311	0.09256	3.06E-03	4.28E-06	4.40E-06	2.63E-05	2.66E-05	1.12E-05	1.12E-05	3.1476E-03
606747.8	4201228.22	158844.7849	0.02153	0.02186	0.08122	0.08252	0.09099	0.09042	2.79E-03	4.47E-06	4.60E-06	2.74E-05	2.77E-05	1.10E-05	1.09E-05	2.8761E-03
606767.8	4201228.22	145237.555	0.02253	0.02287	0.08472	0.08608	0.08892	0.08833	2.55E-03	4.68E-06	4.81E-06	2.85E-05	2.89E-05	1.07E-05	1.06E-05	2.6393E-03
606787.8	4201228.22	133289.5433	0.02362	0.02397	0.08846	0.08989	0.08689	0.08629	2.34E-03	4.90E-06	5.04E-06	2.98E-05	3.02E-05	1.05E-05	1.04E-05	2.4320E-03
606807.8	4201228.22	122727.4697	0.02482	0.02518	0.0925	0.09402	0.08492	0.0843	2.16E-03	5.15E-06	5.30E-06	3.12E-05	3.15E-05	1.03E-05	1.02E-05	2.2492E-03
606827.8	4201228.22	113384.5187	0.02611	0.02648	0.09686	0.09844	0.08299	0.08236	1.99E-03	5.42E-06	5.57E-06	3.26E-05	3.30E-05	1.00E-05	9.93E-06	2.0882E-03
606847.8	4201228.22	105075.1952	0.02786	0.02795	0.10166	0.10335	0.08111	0.08047	1.85E-03	5.79E-06	5.88E-06	3.42E-05	3.47E-05	9.79E-06	9.70E-06	1.9457E-03
606867.8	4201228.22	97639.34195	0.02958	0.02998	0.10663	0.10852	0.07928	0.07863	1.72E-03	6.14E-06	6.31E-06	3.59E-05	3.64E-05	9.57E-06	9.48E-06	1.8188E-03
606887.8	4201228.22	90946.36417	0.03146	0.0319	0.11221	0.11426	0.07749	0.07683	1.60E-03	6.53E-06	6.71E-06	3.78E-05	3.83E-05	9.36E-06	9.26E-06	1.7054E-03
606907.8	4201228.22	84978.51084	0.03322	0.03368	0.11829	0.12054	0.07576	0.0751	1.49E-03	6.90E-06	7.09E-06	3.98E-05	4.04E-05	9.15E-06	9.05E-06	1.6051E-03
606927.8	4201228.22	79553.51035	0.03523	0.03574	0.12514	0.1277	0.07407	0.0734	1.40E-03	7.32E-06	7.52E-06	4.21E-05	4.28E-05	8.94E-06	8.85E-06	1.5149E-03
606947.8	4201228.22	74624.3872	0.03749	0.03801	0.13282	0.13572	0.07241	0.07174	1.31E-03	7.79E-06	8.00E-06	4.47E-05	4.55E-05	8.74E-06	8.65E-06	1.4342E-03
606967.8	4201228.22	70140.98152	0.04003	0.04056	0.14142	0.14475	0.07079	0.07013	1.23E-03	8.31E-06	8.53E-06	4.76E-05	4.86E-05	8.55E-06	8.45E-06	1.3620E-03
606987.8	4201228.22	66062.81619	0.04285	0.04338	0.15105	0.15479	0.06922	0.06856	1.16E-03	8.90E-06	9.13E-06	5.09E-05	5.19E-05	8.36E-06	8.26E-06	1.2978E-03
607007.8	4201228.22	62325.58266	0.04609	0.0466	0.16206	0.16635	0.06769	0.06703	1.09E-03	9.57E-06	9.80E-06	5.46E-05	5.58E-05	8.17E-06	8.08E-06	1.2407E-03
607027.8	4201228.22	58892.12817	0.04983	0.05033	0.17476	0.17968	0.06619	0.06553	1.03E-03	1.03E-05	1.06E-05	5.89E-05	6.03E-05	7.99E-06	7.90E-06	1.1904E-03
607047.8	4201228.22	55756.09515	0.05397	0.05447	0.18904	0.1947	0.06474	0.06408	9.79E-04	1.12E-05	1.15E-05	6.37E-05	6.53E-05	7.82E-06	7.72E-06	1.1465E-03
607067.8	4201228.22	52866.63263	0.0587	0.05922	0.20557	0.21217	0.06333	0.06268	9.29E-04	1.22E-05	1.25E-05	6.92E-05	7.12E-05	7.65E-06	7.55E-06	1.1088E-03
607087.8	4201228.22	50201.1965	0.06404	0.06462	0.22495	0.23275	0.06195	0.06131	8.82E-04	1.33E-05	1.36E-05	7.58E-05	7.81E-05	7.48E-06	7.39E-06	1.0774E-03
607107.8	4201228.22	47742.2587	0.06994	0.07068	0.24781	0.25707	0.06062	0.05998	8.39E-04	1.45E-05	1.49E-05	8.35E-05	8.62E-05	7.32E-06	7.23E-06	1.0522E-03
607127.8	4201228.22	45456.29124	0.07662	0.07767	0.27567	0.28696	0.05931	0.05868	7.98E-04	1.59E-05	1.63E-05	9.28E-05	9.63E-05	7.16E-06	7.07E-06	1.0340E-03
607147.8	4201228.22	43342.44604	0.08381	0.08535	0.30935	0.32332	0.05805	0.05743	7.61E-04	1.74E-05	1.80E-05	1.04E-04	1.08E-04	7.01E-06	6.92E-06	1.0232E-03
607167.8	4201228.22	41366.05819	0.09196	0.09429	0.35238	0.37025	0.05681	0.05619	7.27E-04	1.91E-05	1.98E-05	1.19E-04	1.24E-04	6.86E-06	6.77E-06	1.0220E-03
607187.8	4201228.22	39529.10638	0.10075	0.10423	0.40744	0.43099	0.05561	0.055	6.94E-04	2.09E-05	2.19E-05	1.37E-04	1.45E-04	6.71E-06	6.63E-06	1.0323E-03
607207.8	4201228.22	37812.80094	0.11053	0.11556	0.48124	0.51384	0.05444	0.05384	6.64E-04	2.30E-05	2.43E-05	1.62E-04	1.72E-04	6.57E-06	6.49E-06	1.0589E-03
607227.8	4201228.22	36213.34579	0.1212	0.12807	0.58263	0.63015	0.0533	0.05271	6.36E-04	2.52E-05	2.69E-05	1.96E-04	2.11E-04	6.44E-06	6.35E-06	1.1086E-03
607247.8	4201228.22	34714.63843	0.13378	0.14256	0.73206	0.80673	0.05219	0.05161	6.10E-04	2.78E-05	3.00E-05	2.47E-04	2.71E-04	6.30E-06	6.22E-06	1.1972E-03
607267.8	4201228.22	33313.75464	0.14861	0.15933	0.9652	1.0936	0.05112	0.05055	5.85E-04	3.09E-05	3.35E-05	3.25E-04	3.67E-04	6.17E-06	6.09E-06	1.3537E-03
607287.8	4201228.22	31998.88605	0.16682	0.18007	1.37476	1.62564	0.05008	0.04951	5.62E-04	3.46E-05	3.79E-05	4.63E-04	5.45E-04	6.05E-06	5.97E-06	1.6549E-03
607307.8	4201228.22	30760.58307	0.18887	0.2063	2.21814	2.80646	0.04906	0.0485	5.40E-04	3.92E-05	4.34E-05	7.47E-04	9.41E-04	5.92E-06	5.85E-06	2.3231E-03
606527.8	4201248.22	662987.0992	0.01391	0.01411	0.05555	0.05626	0.12208	0.1218	1.16E-02	2.89E-06	2.97E-06	1.87E-05	1.89E-05	1.47E-05	1.47E-05	1.1718E-02
606547.8	4201248.22	553860.0432	0.01435	0.01456	0.05719	0.05794	0.11918	0.11881	9.73E-03	2.98E-06	3.06E-06	1.93E-05	1.94E-05	1.44E-05	1.43E-05	9.8019E-03
606567.8	4201248.22	460869.4436	0.01483	0.01503	0.05894	0.05972	0.11632	0.11589	8.10E-03	3.08E-06	3.16E-06	1.99E-05	2.00E-05	1.40E-05	1.40E-05	8.1692E-03
606587.8	4201248.22	393710.4239	0.01531	0.01553	0.06076	0.06159	0.11353	0.11305	6.92E-03	3.18E-06	3.27E-06	2.05E-05	2.07E-05	1.37E-05	1.36E-05	6.9903E-03
606607.8	4201248.22	342011.135	0.01583	0.01605	0.0627	0.06358	0.11082	0.1103	6.01E-03	3.29E-06	3.38E-06	2.11E-05	2.13E-05	1.34E-05	1.33E-05	6.0831E-03
606627.8	4201248.22	299993.6691	0.01641	0.01664	0.06485	0.06579	0.10818	0.10761	5.27E-03	3.41E-06	3.50E-06	2.18E-05	2.21E-05	1.31E-05	1.30E-05	5.3462E-03
606647.8	4201248.22	265432.2963	0.01703	0.01727	0.06714	0.06814	0.10558	0.10498	4.66E-03	3.54E-06	3.63E-06	2.26E-05	2.29E-05	1.27E-05	1.27E-05	4.7403E-03
606667.8	4201248.22	236649.8789	0.01767	0.01792	0.06955	0.07062	0.10307	0.10243	4.16E-03	3.67E-06	3.77E-06	2.34E-05	2.37E-05	1.24E-05	1.23E-05	4.2360E-03
606687.8	4201248.22	212222.9088	0.01836	0.01861	0.07215	0.07329	0.1006	0.09995	3.73E-03	3.81E-06	3.92E-06	2.43E-05	2.46E-05	1.21E-05	1.20E-05	3.8084E-03
606707.8	4201248.22	191172.207	0.01914	0.0194	0.07503	0.07624	0.09819	0.09752	3.36E-03	3.97E-06	4.08E-06	2.53E-05	2.56E-05	1.19E-05	1.18E-05	3.4404E-03
606727.8	4201248.22	173156.9817	0.01995	0.02022	0.07806	0.07934	0.09584	0.09515	3.04E-03	4.14E-06	4.25E-06	2.63E-05	2.66E-05	1.16E-05	1.15E-05	3.1258E-03
606747.8	4201248.22	157496.2216	0.02084	0.02112	0.08134	0.0827	0.09355	0.09284	2.77E-03	4.33E-06	4.44E-06	2.74E-05	2.77E-05	1.13E-05	1.12E-05	2.8528E-03
606767.8	4201248.22	143812.6499	0.02183	0.02212	0.08489	0.08633	0.09131	0.09058	2.53E-03	4.53E-06	4.65E-06	2.86E-05	2.90E-05	1.10E-05	1.09E-05	2.6147E-03
606787.8	4201248.22	131888.1761	0.02286	0.02315	0.08862	0.09013	0.08914	0.0884	2.32E-03	4.75E-06	4.87E-06	2.98E-05	3.02E-05	1.08E-05	1.07E-05	2.4077E-03
606807.8	4201248.22	121313.4014	0.02405	0.02434	0.09274	0.09434	0.08701	0.08627	2.13E-03	4.99E-06	5.12E-06	3.12E-05	3.16E-05	1.05E-05	1.04E-05	2.2247E-03
606827.8	4201248.22	111997.4489	0.0253	0.0256	0.0972	0.09896	0.08495	0.0842	1.97E-03	5.25E-06	5.39E-06	3.27E-05	3.32E-05	1.03E-05	1.01E-05	2.0642E-03
606847.8	4201248.22	103721.719	0.02709	0.02731	0.10203	0.10384	0.08294	0.08219	1.82E-03	5.63E-06	5.75E-06	3.44E-05	3.48E-05	1.00E-05	9.91E-06	1.9223E-03
606867.8	4201248.22	96348.84171	0.02865	0.02895	0.10706	0.109	0.08099	0.08024	1.69E-03	5.95E-06	6.09E-06	3.61E-05	3.66E-05	9.78E-06	9.67E-06	1.7965E-03
606887.8	4201248.22	89720.88605	0.03038	0.03073	0.11263	0.11477	0.07909	0.07833	1.58E-03	6.31E-06	6.46E-06	3.79E-05	3.85E-05	9.55E-06	9.44E-06	1.6841E-03
606907.8	4201248.22	83772.0509	0.03215	0.03254	0.11887	0.12125	0.07725	0.07649	1.47E-03	6.68E-06	6.85E-06	4.00E-05	4.07E-05	9.33E-06	9.22E-06	1.5842E-03
606927.8	4201248.22	78399.39011	0.0341	0.0345	0.12581	0.12848	0.07545	0.07469	1.38E-03	7.08E-06	7.26E-06	4.24E-05	4.31E-05	9.11E-06	9.00E-06	1.4950E-03
606947.8	4201248.22	73550.99514	0.03623	0.03661	0.13346	0.13647	0.07371	0.07296	1.29E-03	7.52E-06	7.70E-06	4.49E-05	4.58E-05	8.90E-06	8.79E-06	1.4155E-03
606967.8	4201248.22	69136.11368	0.03863	0.039	0.14211	0.14556	0.07201	0.07126	1.21E-03	8.02E-06	8.20E-06	4.79E-05	4.88E-05	8.70E-06	8.59E-06	1.3446E-03
606987.8	4201248.22	65109.24032	0.04136	0.04172	0.15181	0.15575	0.07036	0.06961	1.14E-03	8.59E-06	8.78E-06	5.11E-05	5.22E-05	8.50E-06	8.39E-06	1.2812E-03
607007.8	4201248.22	61414.48882	0.04453	0.04486	0.1631	0.1676	0.06874	0.068	1.08E-03	9.25E-06	9.44E-06	5.49E-05	5.62E-05	8.30E-06	8.20E-06	1.2251E-03
607027.8	4201248.22	58032.25055	0.04812	0.04843	0.17602	0.1812	0.06717	0.06644	1.02E-03	9.99E-06	1.02E-05	5.93E-05	6.08E-05	8.11E-06	8.01E-06	1.1757E-03
607047.8	4201248.22	54942.01869	0.05208	0.05239	0.19058	0.19661	0.06565	0.06493	9.65E-04	1.08E-05	1.10E-05	6.42E-05	6.59E-05	7.93E-06	7.83E-06	1.1328E-03
607067.8	4201248.22	52104.72255	0.05646	0.0568	0.20734	0.21435	0.06418	0.06347	9.15E-04	1.17E-05	1.19E-05	6.98E-05	7.19E-05	7.75E-06	7.65E-06	1.0960E-03
607087.8	4201248.22	49482.47979	0.06138	0.06182	0.22707	0.23535	0.06274	0.06204	8.69E-04	1.27E-05	1.30E-05	7.65E-05	7.89E-05	7.58E-06	7.48E-06	1.0654E-03
607107.8	4201248.22	47063.55293	0.06672	0.06737	0.25041	0.26025	0.06135	0.06066	8.27E-04	1.39E-05	1.42E-05	8.43E-05	8.73E-05	7.41E-06	7.31E-06	1.0410E-03
607127.8	4201248.22	44818.02012	0.07259	0.07361	0.27877	0.29071	0.06	0.05931	7.87E-04	1.51E-05	1.55E-05	9.39E-05	9.75E-05	7.24E-06	7.15E-06	1.0236E-03
607147.8	4201248.22	42735.33408	0.07889	0.08047	0.31355	0.3283	0.05868	0.05801	7.51E-04	1.64E-05	1.69E-05	1.06E-04	1.10E-04	7.09E-06	6.99E-06	1.0137E-03
607167.8	4201248.22	40801.03958	0.08552	0.08793	0.35692	0.37565	0.0574	0.05674	7.17E-04	1.78E-05	1.85E-05	1.20E-04	1.26E-04	6.93E-06	6.84E-06	1.0129E-03
607187.8	4201248.22	38996.09009	0.09266	0.09618	0.4131	0.43773	0.05616	0.05551	6.85E-04	1.92E-05	2.02E-05	1.39E-04	1.47E-04	6.78E-06	6.69E-06	1.0239E-03
607207.8	4201248.22	37311.25247	0.10041	0.10522	0.48799	0.52184	0.05495	0.05431	6.55E-04	2.09E-05	2.21E-05	1.64E-04	1.75E-04	6.64E-06	6.55E-06	1.0509E-03
607227.8	4201248.22	35739.76859	0.10894	0.11503	0.59095	0.64002	0.05378	0.05314	6.28E-04	2.26E-05	2.42E-05	1.99E-04	2.15E-04	6.49E-06	6.40E-06	1.1012E-03
607247.8	4201248.22	34269.8672	0.11891	0.12616	0.74098	0.81719	0.05264	0.05202	6.02E-04	2.47E-05	2.65E-05	2.50E-04	2.74E-04	6.36E-06	6.27E-06	1.1895E-03
607267.8	4201248.22	32889.70541	0.13127	0.13982	0.98076	1.10993	0.05153	0.05092	5.78E-04	2.73E-05	2.94E-05	3.30E-04	3.72E-04	6.22E-06	6.14E-06	1.3493E-03
607287.8	4201248.22	31598.63942	0.14564	0.156	1.39624	1.64278	0.05045	0.04985	5.55E-04	3.02E-05	3.28E-05	4.70E-04	5.51E-04	6.09E-06	6.01E-06	1.6514E-03
607307.8	4201248.22	30383.3396	0.16239	0.17574	2.25472	2.82471	0.0494	0.04882	5.34E-04	3.37E-05	3.70E-05	7.59E-04	9.47E-04	5.97E-06	5.88E-06	2.3230E-03
606527.8	4201268.22	665754.9608	0.0135	0.01367	0.0556	0.05633	0.12725	0.12671	1.17E-02	2.80E-06	2.88E-06	1.87E-05	1.89E-05	1.54E-05	1.53E-05	1.1768E-02
606547.8	4201268.22	569640.2123	0.01393	0.01411	0.05724	0.05802	0.12399	0.12339	1.00E-02	2.89E-06	2.97E-06	1.93E-05	1.95E-05	1.50E-05	1.49E-05	1.0080E-02
606567.8	4201268.22	466436.535	0.01439	0.01457	0.059	0.05981	0.12083	0.12017	8.19E-03	2.99E-06	3.07E-06	1.99E-05	2.01E-05	1.46E-05	1.45E-05	8.2679E-03
606587.8	4201268.22	394911.251	0.01487	0.01506	0.06085	0.0617	0.11775	0.11705	6.94E-03	3.09E-06	3.17E-06	2.05E-05	2.07E-05	1.42E-05	1.41E-05	7.0123E-03
606607.8	4201268.22	341120.0883	0.01539	0.01559	0.06284	0.06374	0.11477	0.11404	5.99E-03	3.20E-06	3.28E-06	2.12E-05	2.14E-05	1.39E-05	1.37E-05	6.0683E-03
606627.8	4201268.22	298527.2768	0.01594	0.01614	0.06494	0.0659	0.11186	0.1111	5.24E-03	3.31E-06	3.40E-06	2.19E-05	2.21E-05	1.35E-05	1.34E-05	5.3211E-03
606647.8	4201268.22	263566.0412	0.01653	0.01674	0.0672	0.06823	0.10903	0.10824	4.63E-03	3.43E-06	3.52E-06	2.26E-05	2.29E-05	1.32E-05	1.30E-05	4.7082E-03
606667.8	4201268.22	234490.9076	0.01715	0.01737	0.0696	0.0707	0.10629	0.10548	4.12E-03	3.56E-06	3.65E-06	2.34E-05	2.37E-05	1.28E-05	1.27E-05	4.1987E-03
606687.8	4201268.22	209730.0048	0.01786	0.01808	0.07229	0.07346	0.10359	0.10277	3.68E-03	3.71E-06	3.80E-06	2.43E-05	2.46E-05	1.25E-05	1.24E-05	3.7653E-03
606707.8	4201268.22	188791.9135	0.0186	0.01882	0.0751	0.07635	0.101	0.10016	3.32E-03	3.86E-06	3.96E-06	2.53E-05	2.56E-05	1.22E-05	1.21E-05	3.3991E-03
606727.8	4201268.22	170730.1808	0.01941	0.01964	0.07818	0.07952	0.09845	0.09761	3.00E-03	4.03E-06	4.13E-06	2.63E-05	2.67E-05	1.19E-05	1.18E-05	3.0837E-03
606747.8	4201268.22	155107.6544	0.02031	0.02054	0.08152	0.08293	0.09598	0.09513	2.72E-03	4.22E-06	4.32E-06	2.75E-05	2.78E-05	1.16E-05	1.15E-05	2.8113E-03
606767.8	4201268.22	141659.7447	0.0212	0.02143	0.08494	0.08644	0.0936	0.09274	2.49E-03	4.40E-06	4.51E-06	2.86E-05	2.90E-05	1.13E-05	1.12E-05	2.5772E-03
606787.8	4201268.22	129834.4023	0.0222	0.02244	0.08869	0.09026	0.09127	0.09041	2.28E-03	4.61E-06	4.72E-06	2.99E-05	3.03E-05	1.10E-05	1.09E-05	2.3719E-03
606807.8	4201268.22	119378.6192	0.02334	0.02358	0.0928	0.09447	0.08901	0.08814	2.10E-03	4.85E-06	4.96E-06	3.13E-05	3.17E-05	1.07E-05	1.06E-05	2.1910E-03
606827.8	4201268.22	110167.4564	0.02456	0.0248	0.09723	0.0992	0.08681	0.08594	1.94E-03	5.10E-06	5.22E-06	3.27E-05	3.33E-05	1.05E-05	1.04E-05	2.0322E-03
606847.8	4201268.22	101996.8632	0.02623	0.02637	0.10229	0.10419	0.08468	0.08381	1.79E-03	5.45E-06	5.55E-06	3.45E-05	3.49E-05	1.02E-05	1.01E-05	1.8923E-03
606867.8	4201268.22	94717.31548	0.0278	0.02803	0.10732	0.10937	0.08261	0.08175	1.66E-03	5.77E-06	5.90E-06	3.61E-05	3.67E-05	9.98E-06	9.85E-06	1.7680E-03
606887.8	4201268.22	88196.65674	0.02944	0.02972	0.11291	0.11512	0.0806	0.07974	1.55E-03	6.11E-06	6.25E-06	3.80E-05	3.86E-05	9.73E-06	9.61E-06	1.6575E-03
606907.8	4201268.22	82343.35926	0.03115	0.03145	0.11917	0.12163	0.07865	0.0778	1.45E-03	6.47E-06	6.62E-06	4.01E-05	4.08E-05	9.50E-06	9.38E-06	1.5592E-03
606927.8	4201268.22	77066.39468	0.03304	0.03332	0.12613	0.12888	0.07676	0.07591	1.35E-03	6.86E-06	7.01E-06	4.25E-05	4.32E-05	9.27E-06	9.15E-06	1.4716E-03
606947.8	4201268.22	72290.98537	0.03513	0.03539	0.13391	0.137	0.07492	0.07409	1.27E-03	7.30E-06	7.45E-06	4.51E-05	4.60E-05	9.05E-06	8.93E-06	1.3935E-03
606967.8	4201268.22	67955.86605	0.03747	0.03771	0.14263	0.14613	0.07314	0.07231	1.19E-03	7.78E-06	7.93E-06	4.80E-05	4.90E-05	8.83E-06	8.71E-06	1.3239E-03
606987.8	4201268.22	64003.91008	0.04013	0.04034	0.15242	0.15642	0.0714	0.07059	1.12E-03	8.33E-06	8.49E-06	5.13E-05	5.25E-05	8.62E-06	8.51E-06	1.2620E-03
607007.8	4201268.22	60377.31017	0.0432	0.04338	0.16384	0.16851	0.06971	0.06891	1.06E-03	8.97E-06	9.13E-06	5.52E-05	5.65E-05	8.42E-06	8.30E-06	1.2070E-03
607027.8	4201268.22	57063.75146	0.04663	0.0468	0.17687	0.18226	0.06807	0.06728	1.00E-03	9.68E-06	9.85E-06	5.96E-05	6.11E-05	8.22E-06	8.11E-06	1.1589E-03
607047.8	4201268.22	54039.75173	0.05034	0.05052	0.19158	0.19786	0.06649	0.06571	9.49E-04	1.05E-05	1.06E-05	6.45E-05	6.64E-05	8.03E-06	7.92E-06	1.1171E-03
607067.8	4201268.22	51251.81905	0.05448	0.05473	0.20872	0.21611	0.06495	0.06418	9.00E-04	1.13E-05	1.15E-05	7.03E-05	7.25E-05	7.84E-06	7.73E-06	1.0814E-03
607087.8	4201268.22	48690.78356	0.05889	0.05929	0.22864	0.23732	0.06347	0.06271	8.55E-04	1.22E-05	1.25E-05	7.70E-05	7.96E-05	7.66E-06	7.56E-06	1.0518E-03
607107.8	4201268.22	46322.12281	0.06363	0.0643	0.2523	0.26265	0.06202	0.06128	8.14E-04	1.32E-05	1.35E-05	8.50E-05	8.81E-05	7.49E-06	7.39E-06	1.0283E-03
607127.8	4201268.22	44120.83604	0.06877	0.06987	0.28122	0.29384	0.06062	0.05988	7.75E-04	1.43E-05	1.47E-05	9.47E-05	9.86E-05	7.32E-06	7.22E-06	1.0118E-03
607147.8	4201268.22	42072.07517	0.07429	0.07602	0.3174	0.33301	0.05925	0.05853	7.39E-04	1.54E-05	1.60E-05	1.07E-04	1.12E-04	7.15E-06	7.05E-06	1.0032E-03
607167.8	4201268.22	40185.00431	0.0796	0.08214	0.36108	0.3808	0.05793	0.05723	7.06E-04	1.65E-05	1.73E-05	1.22E-04	1.28E-04	7.00E-06	6.90E-06	1.0029E-03
607187.8	4201268.22	38420.9084	0.08527	0.08876	0.41782	0.44363	0.05665	0.05596	6.75E-04	1.77E-05	1.87E-05	1.41E-04	1.49E-04	6.84E-06	6.74E-06	1.0143E-03
607207.8	4201268.22	36768.87799	0.09163	0.09608	0.49431	0.52963	0.0554	0.05472	6.46E-04	1.90E-05	2.02E-05	1.66E-04	1.78E-04	6.69E-06	6.59E-06	1.0425E-03
607227.8	4201268.22	35227.00845	0.09881	0.10408	0.59971	0.6508	0.05419	0.05352	6.19E-04	2.05E-05	2.19E-05	2.02E-04	2.18E-04	6.54E-06	6.45E-06	1.0944E-03
607247.8	4201268.22	33789.00542	0.10703	0.11301	0.75095	0.82959	0.05302	0.05237	5.93E-04	2.22E-05	2.38E-05	2.53E-04	2.78E-04	6.40E-06	6.31E-06	1.1834E-03
607267.8	4201268.22	32436.05125	0.11727	0.12423	0.99142	1.12154	0.05188	0.05124	5.70E-04	2.44E-05	2.61E-05	3.34E-04	3.76E-04	6.26E-06	6.18E-06	1.3427E-03
607287.8	4201268.22	31171.41834	0.12866	0.13714	1.40498	1.65468	0.05078	0.05015	5.48E-04	2.67E-05	2.89E-05	4.73E-04	5.55E-04	6.13E-06	6.04E-06	1.6434E-03
607307.8	4201268.22	29984.31296	0.1417	0.15214	2.25491	2.83758	0.04971	0.04909	5.27E-04	2.94E-05	3.20E-05	7.59E-04	9.52E-04	6.00E-06	5.92E-06	2.3112E-03
606527.8	4201288.22	670200.9168	0.0131	0.01326	0.05561	0.05636	0.13232	0.1315	1.18E-02	2.72E-06	2.79E-06	1.87E-05	1.89E-05	1.60E-05	1.58E-05	1.1847E-02
606547.8	4201288.22	576923.606	0.01354	0.0137	0.0573	0.05809	0.1287	0.12786	1.01E-02	2.81E-06	2.88E-06	1.93E-05	1.95E-05	1.55E-05	1.54E-05	1.0209E-02
606567.8	4201288.22	466930.0936	0.014	0.01417	0.05908	0.05991	0.12523	0.12433	8.20E-03	2.91E-06	2.98E-06	1.99E-05	2.01E-05	1.51E-05	1.50E-05	8.2775E-03
606587.8	4201288.22	392325.7779	0.0145	0.01467	0.061	0.06188	0.12184	0.12092	6.89E-03	3.01E-06	3.09E-06	2.05E-05	2.08E-05	1.47E-05	1.46E-05	6.9678E-03
606607.8	4201288.22	337284.6677	0.01502	0.0152	0.06301	0.06394	0.11858	0.11762	5.92E-03	3.12E-06	3.20E-06	2.12E-05	2.14E-05	1.43E-05	1.42E-05	6.0018E-03
606627.8	4201288.22	294331.4008	0.01556	0.01573	0.0651	0.06609	0.11541	0.11445	5.17E-03	3.23E-06	3.31E-06	2.19E-05	2.22E-05	1.39E-05	1.38E-05	5.2482E-03
606647.8	4201288.22	259401.931	0.01612	0.0163	0.06733	0.06838	0.11234	0.11137	4.56E-03	3.35E-06	3.43E-06	2.27E-05	2.29E-05	1.36E-05	1.34E-05	4.6357E-03
606667.8	4201288.22	230281.4241	0.01675	0.01693	0.06976	0.07088	0.10936	0.10838	4.04E-03	3.48E-06	3.56E-06	2.35E-05	2.38E-05	1.32E-05	1.31E-05	4.1254E-03
606687.8	4201288.22	205831.4461	0.01742	0.0176	0.07237	0.07358	0.10648	0.10549	3.62E-03	3.62E-06	3.70E-06	2.44E-05	2.47E-05	1.29E-05	1.27E-05	3.6973E-03
606707.8	4201288.22	184968.1935	0.01817	0.01835	0.07525	0.07654	0.10366	0.10267	3.25E-03	3.77E-06	3.86E-06	2.53E-05	2.57E-05	1.25E-05	1.24E-05	3.3325E-03
606727.8	4201288.22	167280.2579	0.01893	0.01912	0.07825	0.07962	0.10095	0.09995	2.94E-03	3.93E-06	4.02E-06	2.64E-05	2.67E-05	1.22E-05	1.20E-05	3.0235E-03
606747.8	4201288.22	151944.8697	0.01979	0.01997	0.08154	0.083	0.09831	0.09731	2.67E-03	4.11E-06	4.20E-06	2.75E-05	2.78E-05	1.19E-05	1.17E-05	2.7561E-03
606767.8	4201288.22	138692.6517	0.02069	0.02087	0.08501	0.08656	0.09576	0.09476	2.44E-03	4.30E-06	4.39E-06	2.86E-05	2.90E-05	1.16E-05	1.14E-05	2.5254E-03
606787.8	4201288.22	127123.0701	0.02165	0.02183	0.08872	0.09035	0.0933	0.0923	2.23E-03	4.50E-06	4.59E-06	2.99E-05	3.03E-05	1.13E-05	1.11E-05	2.3245E-03
606807.8	4201288.22	116931.3797	0.02272	0.0229	0.09275	0.09448	0.0909	0.08991	2.05E-03	4.72E-06	4.82E-06	3.12E-05	3.17E-05	1.10E-05	1.08E-05	2.1481E-03
606827.8	4201288.22	107913.6892	0.0239	0.02408	0.09715	0.09899	0.08857	0.08759	1.90E-03	4.96E-06	5.07E-06	3.27E-05	3.32E-05	1.07E-05	1.06E-05	1.9927E-03
606847.8	4201288.22	99902.34521	0.02551	0.02543	0.10235	0.10447	0.08631	0.08534	1.75E-03	5.30E-06	5.35E-06	3.45E-05	3.50E-05	1.04E-05	1.03E-05	1.8556E-03
606867.8	4201288.22	92793.03796	0.027	0.02717	0.1075	0.10962	0.08413	0.08317	1.63E-03	5.61E-06	5.72E-06	3.62E-05	3.68E-05	1.02E-05	1.00E-05	1.7344E-03
606887.8	4201288.22	86425.0757	0.02857	0.02877	0.11309	0.11541	0.08202	0.08106	1.52E-03	5.93E-06	6.05E-06	3.81E-05	3.87E-05	9.90E-06	9.77E-06	1.6265E-03
606907.8	4201288.22	80694.15059	0.03027	0.03048	0.1193	0.12181	0.07996	0.07902	1.42E-03	6.29E-06	6.41E-06	4.02E-05	4.09E-05	9.66E-06	9.52E-06	1.5303E-03
606927.8	4201288.22	75532.2085	0.03213	0.03232	0.12631	0.12912	0.07797	0.07704	1.33E-03	6.67E-06	6.80E-06	4.25E-05	4.33E-05	9.41E-06	9.28E-06	1.4447E-03
606947.8	4201288.22	70863.0575	0.0342	0.03435	0.13415	0.13731	0.07604	0.07513	1.24E-03	7.10E-06	7.23E-06	4.52E-05	4.61E-05	9.18E-06	9.05E-06	1.3685E-03
606967.8	4201288.22	66634.81646	0.03648	0.03661	0.1428	0.14637	0.07418	0.07328	1.17E-03	7.58E-06	7.70E-06	4.81E-05	4.91E-05	8.96E-06	8.83E-06	1.3007E-03
606987.8	4201288.22	62774.4739	0.03907	0.03916	0.15272	0.15685	0.07237	0.07148	1.10E-03	8.11E-06	8.24E-06	5.14E-05	5.26E-05	8.74E-06	8.61E-06	1.2404E-03
607007.8	4201288.22	59236.55674	0.04203	0.04209	0.1642	0.16896	0.07061	0.06973	1.04E-03	8.73E-06	8.85E-06	5.53E-05	5.67E-05	8.53E-06	8.40E-06	1.1870E-03
607027.8	4201288.22	56006.90717	0.04527	0.04534	0.17727	0.18281	0.0689	0.06804	9.84E-04	9.40E-06	9.54E-06	5.97E-05	6.13E-05	8.32E-06	8.20E-06	1.1402E-03
607047.8	4201288.22	53056.41586	0.04874	0.04886	0.1921	0.19853	0.06726	0.06642	9.32E-04	1.01E-05	1.03E-05	6.47E-05	6.66E-05	8.12E-06	8.00E-06	1.0997E-03
607067.8	4201288.22	50338.46089	0.05252	0.05275	0.20939	0.21696	0.06567	0.06484	8.84E-04	1.09E-05	1.11E-05	7.05E-05	7.28E-05	7.93E-06	7.81E-06	1.0652E-03
607087.8	4201288.22	47832.94182	0.05654	0.05698	0.22969	0.23869	0.06412	0.06331	8.40E-04	1.17E-05	1.20E-05	7.74E-05	8.01E-05	7.74E-06	7.63E-06	1.0367E-03
607107.8	4201288.22	45521.41462	0.0607	0.06146	0.25367	0.26451	0.06263	0.06183	8.00E-04	1.26E-05	1.29E-05	8.54E-05	8.87E-05	7.56E-06	7.45E-06	1.0143E-03
607127.8	4201288.22	43366.24039	0.0652	0.06644	0.28345	0.29666	0.06117	0.06039	7.62E-04	1.35E-05	1.40E-05	9.55E-05	9.95E-05	7.39E-06	7.28E-06	9.9886E-04
607147.8	4201288.22	41366.34051	0.06983	0.07172	0.32028	0.33677	0.05976	0.05899	7.27E-04	1.45E-05	1.51E-05	1.08E-04	1.13E-04	7.22E-06	7.11E-06	9.9133E-04
607167.8	4201288.22	39518.05454	0.07433	0.07696	0.36549	0.38646	0.0584	0.05765	6.94E-04	1.54E-05	1.62E-05	1.23E-04	1.30E-04	7.05E-06	6.95E-06	9.9247E-04
607187.8	4201288.22	37801.45708	0.07884	0.0822	0.42267	0.44996	0.05708	0.05635	6.64E-04	1.64E-05	1.73E-05	1.42E-04	1.51E-04	6.89E-06	6.79E-06	1.0046E-03
607207.8	4201288.22	36192.15676	0.08401	0.088	0.49968	0.53676	0.0558	0.05508	6.36E-04	1.74E-05	1.85E-05	1.68E-04	1.80E-04	6.74E-06	6.64E-06	1.0334E-03
607227.8	4201288.22	34682.28588	0.09031	0.0948	0.60809	0.66023	0.05456	0.05385	6.09E-04	1.88E-05	1.99E-05	2.05E-04	2.21E-04	6.59E-06	6.49E-06	1.0872E-03
607247.8	4201288.22	33275.26392	0.09736	0.10242	0.76149	0.83973	0.05335	0.05266	5.84E-04	2.02E-05	2.15E-05	2.56E-04	2.82E-04	6.44E-06	6.35E-06	1.1771E-03
607267.8	4201288.22	31959.48964	0.10543	0.11128	0.9991	1.12983	0.05219	0.05152	5.61E-04	2.19E-05	2.34E-05	3.36E-04	3.79E-04	6.30E-06	6.21E-06	1.3346E-03
607287.8	4201288.22	30722.2616	0.11476	0.12172	1.41168	1.66418	0.05106	0.0504	5.40E-04	2.38E-05	2.56E-05	4.75E-04	5.58E-04	6.17E-06	6.07E-06	1.6349E-03

607307.8	4201288.22	29561.2475	0.12528	0.13368	2.25161	2.84877	0.04997	0.04932	5.19E-04	2.60E-05	2.81E-05	7.58E-04	9.56E-04	6.03E-06	5.94E-06	2.2992E-03
606527.8	4201308.22	666405.3411	0.01275	0.0129	0.05564	0.05641	0.13724	0.13615	1.17E-02	2.65E-06	2.71E-06	1.87E-05	1.89E-05	1.66E-05	1.64E-05	1.1781E-02
606547.8	4201308.22	573935.0434	0.01319	0.01333	0.05734	0.05815	0.13328	0.13217	1.01E-02	2.74E-06	2.80E-06	1.93E-05	1.95E-05	1.61E-05	1.59E-05	1.0157E-02
606567.8	4201308.22	461326.2056	0.01367	0.01382	0.05922	0.06007	0.12946	0.12832	8.10E-03	2.84E-06	2.91E-06	1.99E-05	2.01E-05	1.56E-05	1.55E-05	8.1800E-03
606587.8	4201308.22	385555.4793	0.01419	0.01434	0.06119	0.06209	0.12579	0.12462	6.77E-03	2.95E-06	3.02E-06	2.06E-05	2.08E-05	1.52E-05	1.50E-05	6.8498E-03
606607.8	4201308.22	330511.2884	0.01469	0.01484	0.06316	0.06412	0.12225	0.12108	5.81E-03	3.05E-06	3.12E-06	2.13E-05	2.15E-05	1.48E-05	1.46E-05	5.8837E-03
606627.8	4201308.22	287221.9915	0.01525	0.0154	0.06534	0.06635	0.11881	0.11764	5.04E-03	3.17E-06	3.24E-06	2.20E-05	2.23E-05	1.43E-05	1.42E-05	5.1242E-03
606647.8	4201308.22	252604.7473	0.01582	0.01597	0.06758	0.06866	0.1155	0.11433	4.44E-03	3.29E-06	3.36E-06	2.28E-05	2.30E-05	1.39E-05	1.38E-05	4.5171E-03
606667.8	4201308.22	224177.246	0.01641	0.01656	0.06994	0.07109	0.11231	0.11113	3.94E-03	3.41E-06	3.48E-06	2.36E-05	2.38E-05	1.36E-05	1.34E-05	4.0189E-03
606687.8	4201308.22	200335.0714	0.01705	0.0172	0.07249	0.07372	0.10921	0.10804	3.52E-03	3.54E-06	3.62E-06	2.44E-05	2.47E-05	1.32E-05	1.30E-05	3.6013E-03
606707.8	4201308.22	180076.2552	0.01776	0.01791	0.07529	0.07661	0.10622	0.10505	3.16E-03	3.69E-06	3.77E-06	2.54E-05	2.57E-05	1.28E-05	1.27E-05	3.2470E-03
606727.8	4201308.22	162814.7392	0.01852	0.01866	0.07828	0.07969	0.10332	0.10216	2.86E-03	3.85E-06	3.93E-06	2.64E-05	2.67E-05	1.25E-05	1.23E-05	2.9455E-03
606747.8	4201308.22	147869.8145	0.01937	0.01952	0.08159	0.08309	0.10051	0.09936	2.60E-03	4.02E-06	4.11E-06	2.75E-05	2.79E-05	1.21E-05	1.20E-05	2.6849E-03
606767.8	4201308.22	135033.4598	0.02024	0.02038	0.08502	0.08661	0.09781	0.09667	2.37E-03	4.20E-06	4.29E-06	2.86E-05	2.91E-05	1.18E-05	1.17E-05	2.4615E-03
606787.8	4201308.22	123834.169	0.02118	0.02131	0.08869	0.09037	0.0952	0.09407	2.18E-03	4.40E-06	4.48E-06	2.99E-05	3.03E-05	1.15E-05	1.13E-05	2.2670E-03
606807.8	4201308.22	113985.7813	0.02219	0.02232	0.09265	0.09444	0.09267	0.09156	2.00E-03	4.61E-06	4.70E-06	3.12E-05	3.17E-05	1.12E-05	1.10E-05	2.0965E-03
606827.8	4201308.22	105233.4055	0.02335	0.02347	0.09707	0.09897	0.09022	0.08912	1.85E-03	4.85E-06	4.94E-06	3.27E-05	3.32E-05	1.09E-05	1.07E-05	1.9457E-03
606847.8	4201308.22	97491.95713	0.02462	0.02473	0.10209	0.1044	0.08784	0.08676	1.71E-03	5.11E-06	5.20E-06	3.44E-05	3.50E-05	1.06E-05	1.05E-05	1.8132E-03
606867.8	4201308.22	90584.55627	0.02633	0.02643	0.10761	0.10976	0.08555	0.08448	1.59E-03	5.47E-06	5.56E-06	3.62E-05	3.68E-05	1.03E-05	1.02E-05	1.6957E-03
606887.8	4201308.22	84418.49051	0.02781	0.02794	0.11314	0.11546	0.08333	0.08228	1.48E-03	5.78E-06	5.88E-06	3.81E-05	3.87E-05	1.01E-05	9.92E-06	1.5913E-03
606907.8	4201308.22	78861.66545	0.02949	0.02962	0.11924	0.1218	0.08118	0.08015	1.39E-03	6.12E-06	6.23E-06	4.02E-05	4.09E-05	9.80E-06	9.66E-06	1.4980E-03
606927.8	4201308.22	73854.74343	0.03131	0.0314	0.1262	0.12906	0.0791	0.07809	1.30E-03	6.50E-06	6.61E-06	4.25E-05	4.33E-05	9.55E-06	9.41E-06	1.4151E-03
606947.8	4201308.22	69308.91965	0.03336	0.03342	0.13407	0.13732	0.07708	0.07609	1.22E-03	6.93E-06	7.03E-06	4.52E-05	4.61E-05	9.31E-06	9.17E-06	1.3410E-03
606967.8	4201308.22	65206.26464	0.03558	0.03561	0.14273	0.14635	0.07514	0.07416	1.15E-03	7.39E-06	7.49E-06	4.81E-05	4.91E-05	9.07E-06	8.94E-06	1.2754E-03
606987.8	4201308.22	61441.90041	0.03814	0.03815	0.15277	0.15694	0.07325	0.07229	1.08E-03	7.92E-06	8.03E-06	5.15E-05	5.26E-05	8.84E-06	8.71E-06	1.2168E-03
607007.8	4201308.22	58011.76285	0.04095	0.04094	0.16423	0.16903	0.07142	0.07048	1.02E-03	8.50E-06	8.61E-06	5.53E-05	5.67E-05	8.62E-06	8.49E-06	1.1652E-03
607027.8	4201308.22	54877.04257	0.04399	0.04401	0.17722	0.18282	0.06966	0.06873	9.64E-04	9.13E-06	9.26E-06	5.97E-05	6.13E-05	8.41E-06	8.28E-06	1.1200E-03
607047.8	4201308.22	52012.00991	0.04718	0.04728	0.19205	0.19855	0.06796	0.06705	9.14E-04	9.80E-06	9.95E-06	6.47E-05	6.66E-05	8.21E-06	8.08E-06	1.0809E-03
607067.8	4201308.22	49364.35522	0.05063	0.0509	0.20959	0.21719	0.06631	0.06542	8.67E-04	1.05E-05	1.07E-05	7.06E-05	7.28E-05	8.01E-06	7.88E-06	1.0476E-03
607087.8	4201308.22	46925.28309	0.05421	0.05474	0.2301	0.23926	0.06471	0.06384	8.24E-04	1.13E-05	1.15E-05	7.75E-05	8.03E-05	7.81E-06	7.69E-06	1.0203E-03
607107.8	4201308.22	44661.53223	0.05798	0.05888	0.25498	0.2661	0.06316	0.06231	7.84E-04	1.20E-05	1.24E-05	8.59E-05	8.93E-05	7.63E-06	7.51E-06	9.9916E-04
607127.8	4201308.22	42571.32868	0.06171	0.06311	0.2848	0.29851	0.06166	0.06083	7.48E-04	1.28E-05	1.33E-05	9.59E-05	1.00E-04	7.45E-06	7.33E-06	9.8466E-04
607147.8	4201308.22	40623.32467	0.06559	0.06759	0.32225	0.33948	0.06021	0.0594	7.14E-04	1.36E-05	1.42E-05	1.09E-04	1.14E-04	7.27E-06	7.16E-06	9.7820E-04
607167.8	4201308.22	38813.1936	0.06957	0.07219	0.36946	0.3914	0.0588	0.05801	6.82E-04	1.44E-05	1.52E-05	1.24E-04	1.31E-04	7.10E-06	6.99E-06	9.8118E-04
607187.8	4201308.22	37143.0451	0.07334	0.07647	0.42761	0.4563	0.05745	0.05668	6.52E-04	1.52E-05	1.61E-05	1.44E-04	1.53E-04	6.94E-06	6.83E-06	9.9456E-04
607207.8	4201308.22	35579.20924	0.07769	0.0812	0.50504	0.54345	0.05614	0.05538	6.25E-04	1.61E-05	1.71E-05	1.70E-04	1.82E-04	6.78E-06	6.67E-06	1.0240E-03
607227.8	4201308.22	34109.75778	0.08284	0.08675	0.61169	0.66554	0.05487	0.05413	5.99E-04	1.72E-05	1.82E-05	2.06E-04	2.23E-04	6.63E-06	6.52E-06	1.0770E-03
607247.8	4201308.22	32738.21264	0.08878	0.09309	0.76579	0.84623	0.05364	0.05291	5.75E-04	1.84E-05	1.96E-05	2.58E-04	2.84E-04	6.48E-06	6.38E-06	1.1677E-03
607267.8	4201308.22	31455.93682	0.09557	0.10049	1.00584	1.13766	0.05245	0.05174	5.53E-04	1.98E-05	2.11E-05	3.39E-04	3.82E-04	6.33E-06	6.24E-06	1.3264E-03
607287.8	4201308.22	30251.50354	0.10327	0.10905	1.42235	1.67258	0.0513	0.0506	5.31E-04	2.14E-05	2.29E-05	4.79E-04	5.61E-04	6.19E-06	6.10E-06	1.6281E-03
607307.8	4201308.22	29119.68279	0.11189	0.11877	2.26925	2.85812	0.05018	0.04951	5.11E-04	2.32E-05	2.50E-05	7.64E-04	9.59E-04	6.06E-06	5.97E-06	2.2946E-03
606527.8	4201328.22	655173.5912	0.01245	0.01257	0.0557	0.05649	0.142	0.14062	1.15E-02	2.59E-06	2.64E-06	1.88E-05	1.89E-05	1.71E-05	1.69E-05	1.1585E-02
606547.8	4201328.22	562903.5672	0.01289	0.01302	0.05746	0.05829	0.13768	0.13631	9.89E-03	2.68E-06	2.74E-06	1.94E-05	1.96E-05	1.66E-05	1.64E-05	9.9646E-03
606567.8	4201328.22	450273.8847	0.01339	0.01352	0.05938	0.06026	0.13355	0.13215	7.91E-03	2.78E-06	2.84E-06	2.00E-05	2.02E-05	1.61E-05	1.59E-05	7.9868E-03
606587.8	4201328.22	373929.6396	0.01394	0.01407	0.06147	0.06239	0.12955	0.12815	6.57E-03	2.89E-06	2.96E-06	2.07E-05	2.09E-05	1.56E-05	1.54E-05	6.6466E-03
606607.8	4201328.22	318489.2294	0.01451	0.01464	0.06362	0.06459	0.12569	0.1243	5.59E-03	3.01E-06	3.08E-06	2.14E-05	2.17E-05	1.52E-05	1.50E-05	5.6735E-03
606627.8	4201328.22	276391.6826	0.01506	0.01519	0.06577	0.0668	0.122	0.12061	4.85E-03	3.13E-06	3.20E-06	2.22E-05	2.24E-05	1.47E-05	1.45E-05	4.9349E-03
606647.8	4201328.22	243198.35	0.0156	0.01572	0.06794	0.06904	0.11846	0.11709	4.27E-03	3.24E-06	3.31E-06	2.29E-05	2.32E-05	1.43E-05	1.41E-05	4.3527E-03
606667.8	4201328.22	215938.5703	0.01617	0.01629	0.07025	0.07142	0.11506	0.1137	3.79E-03	3.36E-06	3.43E-06	2.37E-05	2.40E-05	1.39E-05	1.37E-05	3.8749E-03
606687.8	4201328.22	193165.7938	0.01677	0.01689	0.07273	0.07398	0.11178	0.11044	3.39E-03	3.48E-06	3.55E-06	2.45E-05	2.48E-05	1.35E-05	1.33E-05	3.4761E-03
606707.8	4201328.22	173992.3752	0.01741	0.01752	0.07533	0.07667	0.10863	0.1073	3.06E-03	3.62E-06	3.69E-06	2.54E-05	2.57E-05	1.31E-05	1.29E-05	3.1406E-03
606727.8	4201328.22	157402.6156	0.01816	0.01826	0.0783	0.07974	0.10555	0.10424	2.76E-03	3.77E-06	3.84E-06	2.64E-05	2.67E-05	1.27E-05	1.26E-05	2.8508E-03
606747.8	4201328.22	143136.2774	0.01897	0.01907	0.08151	0.08304	0.10259	0.1013	2.51E-03	3.94E-06	4.01E-06	2.75E-05	2.79E-05	1.24E-05	1.22E-05	2.6020E-03
606767.8	4201328.22	130733.0054	0.01987	0.01997	0.08504	0.08666	0.09972	0.09845	2.30E-03	4.13E-06	4.20E-06	2.86E-05	2.91E-05	1.20E-05	1.19E-05	2.3862E-03
606787.8	4201328.22	119976.2222	0.0208	0.02089	0.08873	0.09046	0.09696	0.09571	2.11E-03	4.32E-06	4.39E-06	2.99E-05	3.03E-05	1.17E-05	1.15E-05	2.1995E-03
606807.8	4201328.22	110556.9601	0.02179	0.02187	0.09265	0.09448	0.09431	0.09308	1.94E-03	4.52E-06	4.60E-06	3.12E-05	3.17E-05	1.14E-05	1.12E-05	2.0365E-03
606827.8	4201328.22	102206.7558	0.02288	0.02295	0.09694	0.09893	0.09174	0.09053	1.80E-03	4.75E-06	4.83E-06	3.26E-05	3.32E-05	1.11E-05	1.09E-05	1.8926E-03
606847.8	4201328.22	94776.44387	0.02411	0.02417	0.10191	0.10429	0.08926	0.08807	1.66E-03	5.01E-06	5.08E-06	3.43E-05	3.50E-05	1.08E-05	1.06E-05	1.7655E-03
606867.8	4201328.22	88147.2677	0.02571	0.02574	0.10746	0.10968	0.08686	0.08569	1.55E-03	5.34E-06	5.41E-06	3.62E-05	3.68E-05	1.05E-05	1.03E-05	1.6528E-03
606887.8	4201328.22	82201.91927	0.0272	0.02727	0.11306	0.11544	0.08454	0.08339	1.44E-03	5.65E-06	5.74E-06	3.81E-05	3.87E-05	1.02E-05	1.01E-05	1.5523E-03
606907.8	4201328.22	76864.52462	0.02883	0.02886	0.11913	0.12173	0.0823	0.08118	1.35E-03	5.99E-06	6.07E-06	4.01E-05	4.08E-05	9.94E-06	9.78E-06	1.4628E-03
606927.8	4201328.22	72037.07619	0.03061	0.03061	0.12598	0.12886	0.08014	0.07904	1.27E-03	6.36E-06	6.44E-06	4.24E-05	4.32E-05	9.68E-06	9.53E-06	1.3830E-03
606947.8	4201328.22	67657.19562	0.0326	0.03258	0.13377	0.137	0.07804	0.07696	1.19E-03	6.77E-06	6.85E-06	4.51E-05	4.60E-05	9.42E-06	9.28E-06	1.3117E-03
606967.8	4201328.22	63677.18159	0.0348	0.03475	0.14243	0.14612	0.07602	0.07496	1.12E-03	7.23E-06	7.31E-06	4.80E-05	4.90E-05	9.18E-06	9.03E-06	1.2482E-03
606987.8	4201328.22	60051.72812	0.03721	0.03716	0.15239	0.15657	0.07406	0.07303	1.05E-03	7.73E-06	7.82E-06	5.13E-05	5.25E-05	8.94E-06	8.80E-06	1.1919E-03
607007.8	4201328.22	56729.36403	0.03988	0.03984	0.16379	0.16859	0.07217	0.07116	9.96E-04	8.28E-06	8.38E-06	5.52E-05	5.65E-05	8.71E-06	8.58E-06	1.1421E-03
607027.8	4201328.22	53685.69465	0.04275	0.04277	0.17685	0.18242	0.07034	0.06935	9.43E-04	8.88E-06	9.00E-06	5.96E-05	6.12E-05	8.49E-06	8.36E-06	1.0985E-03
607047.8	4201328.22	50916.4292	0.04563	0.04577	0.19152	0.19799	0.06859	0.06762	8.94E-04	9.48E-06	9.63E-06	6.45E-05	6.64E-05	8.28E-06	8.15E-06	1.0608E-03
607067.8	4201328.22	48349.50463	0.04871	0.04906	0.20906	0.21661	0.06688	0.06594	8.49E-04	1.01E-05	1.03E-05	7.04E-05	7.27E-05	8.08E-06	7.95E-06	1.0288E-03
607087.8	4201328.22	45969.85203	0.05195	0.0526	0.23008	0.23923	0.06523	0.06431	8.07E-04	1.08E-05	1.11E-05	7.75E-05	8.02E-05	7.88E-06	7.75E-06	1.0027E-03
607107.8	4201328.22	43772.85563	0.05518	0.05623	0.25517	0.2664	0.06363	0.06273	7.69E-04	1.15E-05	1.18E-05	8.59E-05	8.94E-05	7.68E-06	7.56E-06	9.8268E-04
607127.8	4201328.22	41729.43169	0.05852	0.06006	0.28624	0.30028	0.06208	0.0612	7.33E-04	1.22E-05	1.26E-05	9.64E-05	1.01E-04	7.50E-06	7.38E-06	9.6975E-04
607147.8	4201328.22	39832.40274	0.06182	0.06393	0.32419	0.34159	0.06058	0.05973	7.00E-04	1.28E-05	1.34E-05	1.09E-04	1.15E-04	7.32E-06	7.20E-06	9.6420E-04
607167.8	4201328.22	38071.81146	0.06493	0.06751	0.37016	0.39253	0.05914	0.0583	6.69E-04	1.35E-05	1.42E-05	1.25E-04	1.32E-04	7.14E-06	7.03E-06	9.6690E-04
607187.8	4201328.22	36452.23187	0.06815	0.07106	0.42831	0.45782	0.05776	0.05694	6.40E-04	1.42E-05	1.49E-05	1.44E-04	1.54E-04	6.97E-06	6.86E-06	9.8102E-04
607207.8	4201328.22	34939.88972	0.07184	0.07496	0.50495	0.5451	0.05642	0.05563	6.14E-04	1.49E-05	1.58E-05	1.70E-04	1.83E-04	6.81E-06	6.70E-06	1.0108E-03
607227.8	4201328.22	33515.65311	0.07625	0.07957	0.61066	0.66734	0.05513	0.05435	5.89E-04	1.58E-05	1.67E-05	2.06E-04	2.24E-04	6.66E-06	6.55E-06	1.0640E-03
607247.8	4201328.22	32182.95743	0.08136	0.08502	0.76392	0.84844	0.05387	0.05312	5.65E-04	1.69E-05	1.79E-05	2.57E-04	2.85E-04	6.50E-06	6.40E-06	1.1548E-03
607267.8	4201328.22	30933.65852	0.08714	0.09133	1.00369	1.14056	0.05266	0.05192	5.43E-04	1.81E-05	1.92E-05	3.38E-04	3.83E-04	6.36E-06	6.26E-06	1.3139E-03
607287.8	4201328.22	29766.31057	0.0936	0.09844	1.42281	1.67688	0.05149	0.05077	5.23E-04	1.94E-05	2.07E-05	4.79E-04	5.62E-04	6.22E-06	6.12E-06	1.6170E-03
607307.8	4201328.22	28662.95871	0.10081	0.1065	2.28533	2.86435	0.05035	0.04965	5.03E-04	2.09E-05	2.24E-05	7.70E-04	9.61E-04	6.08E-06	5.98E-06	2.2893E-03
606527.8	4201348.22	636453.3432	0.01219	0.0123	0.05583	0.05664	0.14657	0.1449	1.12E-02	2.53E-06	2.59E-06	1.88E-05	1.90E-05	1.77E-05	1.75E-05	1.1257E-02
606547.8	4201348.22	543958.8099	0.01269	0.0128	0.05776	0.05861	0.1419	0.14022	9.55E-03	2.64E-06	2.69E-06	1.95E-05	1.97E-05	1.71E-05	1.69E-05	9.6330E-03
606567.8	4201348.22	431197.5593	0.01325	0.01336	0.05986	0.06075	0.13739	0.13574	7.57E-03	2.75E-06	2.81E-06	2.02E-05	2.04E-05	1.66E-05	1.64E-05	7.6529E-03
606587.8	4201348.22	356431.5656	0.01381	0.01392	0.06196	0.0629	0.13307	0.13143	6.26E-03	2.87E-06	2.93E-06	2.09E-05	2.11E-05	1.61E-05	1.58E-05	6.3403E-03
606607.8	4201348.22	302842.6105	0.01438	0.01449	0.0641	0.06509	0.12892	0.12731	5.32E-03	2.99E-06	3.05E-06	2.16E-05	2.18E-05	1.56E-05	1.53E-05	5.3997E-03
606627.8	4201348.22	262818.2522	0.01492	0.01502	0.06622	0.06728	0.12499	0.1234	4.62E-03	3.10E-06	3.16E-06	2.23E-05	2.26E-05	1.51E-05	1.49E-05	4.6974E-03
606647.8	4201348.22	231433.6504	0.01544	0.01555	0.06837	0.06949	0.12124	0.11967	4.07E-03	3.21E-06	3.27E-06	2.30E-05	2.33E-05	1.46E-05	1.44E-05	4.1470E-03
606667.8	4201348.22	205800.1365	0.016	0.0161	0.07065	0.07185	0.11764	0.11609	3.61E-03	3.32E-06	3.39E-06	2.38E-05	2.41E-05	1.42E-05	1.40E-05	3.6976E-03
606687.8	4201348.22	184409.8655	0.0166	0.01669	0.0731	0.07438	0.11416	0.11264	3.24E-03	3.45E-06	3.51E-06	2.46E-05	2.49E-05	1.38E-05	1.36E-05	3.3230E-03
606707.8	4201348.22	166501.2083	0.0172	0.01728	0.07563	0.07699	0.11084	0.10935	2.92E-03	3.57E-06	3.64E-06	2.55E-05	2.58E-05	1.34E-05	1.32E-05	3.0096E-03
606727.8	4201348.22	151101.3024	0.01787	0.01794	0.07838	0.07984	0.10763	0.10617	2.65E-03	3.71E-06	3.77E-06	2.64E-05	2.68E-05	1.30E-05	1.28E-05	2.7405E-03
606747.8	4201348.22	137749.8139	0.01861	0.01868	0.08142	0.08298	0.10453	0.10309	2.42E-03	3.86E-06	3.93E-06	2.74E-05	2.78E-05	1.26E-05	1.24E-05	2.5076E-03
606767.8	4201348.22	125982.0162	0.0195	0.01957	0.08494	0.0866	0.10151	0.1001	2.21E-03	4.05E-06	4.12E-06	2.86E-05	2.90E-05	1.23E-05	1.21E-05	2.3030E-03
606787.8	4201348.22	115751.0602	0.02044	0.02049	0.08867	0.09043	0.09861	0.09723	2.03E-03	4.24E-06	4.31E-06	2.99E-05	3.03E-05	1.19E-05	1.17E-05	2.1255E-03
606807.8	4201348.22	106741.5888	0.02149	0.02153	0.09296	0.0951	0.09581	0.09446	1.87E-03	4.46E-06	4.53E-06	3.13E-05	3.19E-05	1.16E-05	1.14E-05	1.9700E-03
606827.8	4201348.22	98853.97541	0.02253	0.02256	0.09714	0.09941	0.09314	0.09181	1.74E-03	4.68E-06	4.75E-06	3.27E-05	3.33E-05	1.12E-05	1.11E-05	1.8341E-03
606847.8	4201348.22	91819.59774	0.02384	0.02371	0.1018	0.1042	0.09055	0.08926	1.61E-03	4.95E-06	4.99E-06	3.43E-05	3.49E-05	1.09E-05	1.08E-05	1.7137E-03
606867.8	4201348.22	85503.10441	0.02522	0.02522	0.10725	0.1095	0.08805	0.08678	1.50E-03	5.24E-06	5.31E-06	3.61E-05	3.67E-05	1.06E-05	1.05E-05	1.6063E-03
606887.8	4201348.22	79832.26217	0.02666	0.02666	0.11285	0.11528	0.08564	0.0844	1.40E-03	5.54E-06	5.61E-06	3.80E-05	3.87E-05	1.03E-05	1.02E-05	1.5106E-03
606907.8	4201348.22	74730.7938	0.02825	0.02822	0.11889	0.12153	0.08332	0.08211	1.31E-03	5.87E-06	5.94E-06	4.00E-05	4.08E-05	1.01E-05	9.90E-06	1.4252E-03
606927.8	4201348.22	70107.74652	0.03	0.02994	0.12572	0.12863	0.08107	0.07989	1.23E-03	6.23E-06	6.30E-06	4.23E-05	4.31E-05	9.79E-06	9.63E-06	1.3489E-03
606947.8	4201348.22	65913.5244	0.03192	0.03183	0.13336	0.1366	0.07891	0.07775	1.16E-03	6.63E-06	6.70E-06	4.49E-05	4.58E-05	9.53E-06	9.37E-06	1.2807E-03
606967.8	4201348.22	62090.31938	0.03403	0.03394	0.14196	0.14567	0.07681	0.07569	1.09E-03	7.07E-06	7.14E-06	4.78E-05	4.89E-05	9.27E-06	9.12E-06	1.2199E-03
606987.8	4201348.22	58608.37755	0.0363	0.03622	0.15161	0.15573	0.0748	0.0737	1.03E-03	7.54E-06	7.62E-06	5.11E-05	5.22E-05	9.03E-06	8.88E-06	1.1658E-03
607007.8	4201348.22	55412.18047	0.03876	0.03873	0.16282	0.16757	0.07284	0.07177	9.73E-04	8.05E-06	8.15E-06	5.48E-05	5.62E-05	8.80E-06	8.65E-06	1.1180E-03
607027.8	4201348.22	52453.57737	0.04148	0.04154	0.17606	0.18158	0.07094	0.0699	9.21E-04	8.61E-06	8.74E-06	5.93E-05	6.09E-05	8.57E-06	8.42E-06	1.0759E-03
607047.8	4201348.22	49766.37283	0.04414	0.04437	0.19085	0.19724	0.06913	0.06811	8.74E-04	9.17E-06	9.33E-06	6.43E-05	6.62E-05	8.35E-06	8.21E-06	1.0396E-03
607067.8	4201348.22	47267.37395	0.04699	0.04746	0.20884	0.21633	0.06736	0.06637	8.30E-04	9.76E-06	9.98E-06	7.03E-05	7.26E-05	8.13E-06	8.00E-06	1.0090E-03
607087.8	4201348.22	44966.06192	0.04982	0.05061	0.23002	0.23917	0.06566	0.0647	7.90E-04	1.03E-05	1.06E-05	7.75E-05	8.02E-05	7.93E-06	7.80E-06	9.8423E-04
607107.8	4201348.22	42837.30288	0.05263	0.05382	0.25556	0.26683	0.06402	0.06308	7.52E-04	1.09E-05	1.13E-05	8.61E-05	8.95E-05	7.73E-06	7.60E-06	9.6558E-04
607127.8	4201348.22	40852.02152	0.05542	0.05709	0.28654	0.30036	0.06243	0.06151	7.18E-04	1.15E-05	1.20E-05	9.65E-05	1.01E-04	7.54E-06	7.41E-06	9.5327E-04
607147.8	4201348.22	39019.74898	0.05793	0.06	0.32315	0.34048	0.0609	0.06	6.85E-04	1.20E-05	1.26E-05	1.09E-04	1.14E-04	7.35E-06	7.23E-06	9.4764E-04
607167.8	4201348.22	37319.05078	0.06049	0.06286	0.36845	0.3908	0.05942	0.05855	6.56E-04	1.26E-05	1.32E-05	1.24E-04	1.31E-04	7.17E-06	7.06E-06	9.5069E-04
607187.8	4201348.22	35744.06387	0.06332	0.06588	0.42602	0.45569	0.05801	0.05716	6.28E-04	1.31E-05	1.39E-05	1.43E-04	1.53E-04	7.00E-06	6.89E-06	9.6506E-04
607207.8	4201348.22	34280.84514	0.0666	0.06928	0.5016	0.54242	0.05665	0.05583	6.02E-04	1.38E-05	1.46E-05	1.69E-04	1.82E-04	6.84E-06	6.73E-06	9.9498E-04
607227.8	4201348.22	32904.57321	0.07048	0.07331	0.60518	0.66373	0.05533	0.05453	5.78E-04	1.46E-05	1.54E-05	2.04E-04	2.23E-04	6.68E-06	6.57E-06	1.0477E-03
607247.8	4201348.22	31610.29057	0.07492	0.07805	0.75487	0.84369	0.05406	0.05327	5.55E-04	1.56E-05	1.64E-05	2.54E-04	2.83E-04	6.53E-06	6.42E-06	1.1374E-03
607267.8	4201348.22	30399.03391	0.07989	0.08345	0.98814	1.13428	0.05282	0.05206	5.34E-04	1.66E-05	1.76E-05	3.33E-04	3.80E-04	6.38E-06	6.27E-06	1.2940E-03
607287.8	4201348.22	29266.53308	0.08538	0.08949	1.39543	1.6688	0.05164	0.05089	5.14E-04	1.77E-05	1.88E-05	4.70E-04	5.60E-04	6.24E-06	6.13E-06	1.5927E-03
607307.8	4201348.22	28194.29685	0.09148	0.09625	2.23712	2.85457	0.05048	0.04976	4.95E-04	1.90E-05	2.02E-05	7.53E-04	9.57E-04	6.10E-06	6.00E-06	2.2575E-03
606527.8	4201368.22	605870.061	0.01208	0.01217	0.0563	0.05714	0.15086	0.14887	1.06E-02	2.51E-06	2.56E-06	1.90E-05	1.92E-05	1.82E-05	1.79E-05	1.0721E-02
606547.8	4201368.22	514296.9013	0.01266	0.01275	0.05846	0.05933	0.14578	0.14383	9.03E-03	2.63E-06	2.68E-06	1.97E-05	1.99E-05	1.76E-05	1.73E-05	9.1133E-03
606567.8	4201368.22	405000.1809	0.0132	0.01329	0.06049	0.0614	0.14094	0.13902	7.11E-03	2.74E-06	2.80E-06	2.04E-05	2.06E-05	1.70E-05	1.68E-05	7.1940E-03
606587.8	4201368.22	334137.7546	0.01372	0.01381	0.06246	0.06349	0.13635	0.13448	5.87E-03	2.85E-06	2.91E-06	2.10E-05	2.13E-05	1.65E-05	1.62E-05	5.9498E-03
606607.8	4201368.22	284099.9993	0.01451	0.01458	0.06489	0.06589	0.13198	0.13014	4.99E-03	3.01E-06	3.07E-06	2.19E-05	2.21E-05	1.59E-05	1.57E-05	5.0718E-03
606627.8	4201368.22	246455.2335	0.01517	0.01528	0.0671	0.06816	0.12778	0.12598	4.33E-03	3.15E-06	3.21E-06	2.26E-05	2.29E-05	1.54E-05	1.52E-05	4.4114E-03
606647.8	4201368.22	217322.43	0.01573	0.01584	0.06932	0.07044	0.1238	0.12203	3.82E-03	3.27E-06	3.33E-06	2.33E-05	2.36E-05	1.49E-05	1.47E-05	3.9004E-03
606667.8	4201368.22	193941.1709	0.01626	0.01636	0.0716	0.07279	0.12	0.11827	3.41E-03	3.38E-06	3.44E-06	2.41E-05	2.44E-05	1.45E-05	1.43E-05	3.4906E-03
606687.8	4201368.22	174489.4571	0.01678	0.01687	0.074	0.07529	0.11637	0.11467	3.06E-03	3.48E-06	3.55E-06	2.49E-05	2.53E-05	1.41E-05	1.38E-05	3.1499E-03
606707.8	4201368.22	158019.5579	0.01732	0.01735	0.07652	0.07789	0.11288	0.11122	2.78E-03	3.60E-06	3.65E-06	2.58E-05	2.61E-05	1.36E-05	1.34E-05	2.8618E-03
606727.8	4201368.22	144017.9858	0.01766	0.01771	0.07861	0.0801	0.10954	0.10792	2.53E-03	3.67E-06	3.73E-06	2.65E-05	2.69E-05	1.32E-05	1.30E-05	2.6166E-03
606747.8	4201368.22	131745.9317	0.01834	0.01838	0.08145	0.08304	0.10631	0.10473	2.31E-03	3.81E-06	3.87E-06	2.74E-05	2.79E-05	1.28E-05	1.26E-05	2.4025E-03
606767.8	4201368.22	120844.2622	0.01917	0.0192	0.0848	0.08649	0.10317	0.10163	2.12E-03	3.98E-06	4.04E-06	2.86E-05	2.90E-05	1.25E-05	1.22E-05	2.2129E-03
606787.8	4201368.22	111190.5108	0.02013	0.02015	0.08865	0.09056	0.10012	0.09861	1.95E-03	4.18E-06	4.24E-06	2.99E-05	3.04E-05	1.21E-05	1.19E-05	2.0457E-03
606807.8	4201368.22	102735.8312	0.02135	0.02131	0.09321	0.09512	0.0972	0.09573	1.80E-03	4.43E-06	4.48E-06	3.14E-05	3.19E-05	1.17E-05	1.15E-05	1.9000E-03
606827.8	4201368.22	95291.62813	0.02241	0.02241	0.09748	0.09948	0.09441	0.09297	1.67E-03	4.65E-06	4.71E-06	3.28E-05	3.34E-05	1.14E-05	1.12E-05	1.7719E-03
606847.8	4201368.22	88632.39426	0.02359	0.02359	0.10215	0.10429	0.09171	0.09031	1.56E-03	4.90E-06	4.96E-06	3.44E-05	3.50E-05	1.11E-05	1.09E-05	1.6580E-03
606867.8	4201368.22	82673.76341	0.02486	0.02485	0.10718	0.10946	0.08912	0.08776	1.45E-03	5.16E-06	5.23E-06	3.61E-05	3.67E-05	1.08E-05	1.06E-05	1.5567E-03
606887.8	4201368.22	77302.68357	0.02629	0.02624	0.11269	0.1151	0.08662	0.08529	1.36E-03	5.46E-06	5.52E-06	3.80E-05	3.86E-05	1.05E-05	1.03E-05	1.4661E-03
606907.8	4201368.22	72459.71505	0.02782	0.02774	0.11872	0.12139	0.08422	0.08292	1.27E-03	5.78E-06	5.84E-06	4.00E-05	4.07E-05	1.02E-05	9.99E-06	1.3852E-03
606927.8	4201368.22	68068.30583	0.02951	0.02941	0.12543	0.12837	0.0819	0.08064	1.20E-03	6.13E-06	6.19E-06	4.22E-05	4.31E-05	9.89E-06	9.72E-06	1.3128E-03
606947.8	4201368.22	64074.94469	0.03135	0.03123	0.13292	0.13624	0.07967	0.07844	1.13E-03	6.51E-06	6.57E-06	4.48E-05	4.57E-05	9.62E-06	9.45E-06	1.2481E-03
606967.8	4201368.22	60446.64002	0.0333	0.03319	0.14127	0.1449	0.07752	0.07633	1.06E-03	6.92E-06	6.98E-06	4.76E-05	4.86E-05	9.36E-06	9.20E-06	1.1904E-03
606987.8	4201368.22	57103.03769	0.03545	0.03537	0.1508	0.1549	0.07544	0.07428	1.00E-03	7.36E-06	7.44E-06	5.08E-05	5.20E-05	9.11E-06	8.95E-06	1.1386E-03
607007.8	4201368.22	54044.69133	0.03768	0.03768	0.1617	0.1664	0.07344	0.0723	9.49E-04	7.82E-06	7.93E-06	5.45E-05	5.58E-05	8.87E-06	8.71E-06	1.0929E-03
607027.8	4201368.22	51180.83661	0.04022	0.04035	0.17508	0.18056	0.07147	0.07037	8.99E-04	8.35E-06	8.49E-06	5.90E-05	6.06E-05	8.63E-06	8.48E-06	1.0525E-03
607047.8	4201368.22	48568.61481	0.04271	0.04305	0.19026	0.19646	0.06959	0.06852	8.53E-04	8.87E-06	9.06E-06	6.41E-05	6.59E-05	8.40E-06	8.26E-06	1.0177E-03
607067.8	4201368.22	46138.45194	0.04538	0.04598	0.20882	0.21635	0.06776	0.06672	8.10E-04	9.42E-06	9.67E-06	7.03E-05	7.26E-05	8.18E-06	8.04E-06	9.8863E-04
607087.8	4201368.22	43909.59305	0.04793	0.04888	0.23061	0.23957	0.06601	0.06499	7.71E-04	9.95E-06	1.03E-05	7.77E-05	8.04E-05	7.97E-06	7.83E-06	9.6532E-04
607107.8	4201368.22	41868.24795	0.0501	0.05142	0.25515	0.26604	0.06434	0.06335	7.35E-04	1.04E-05	1.08E-05	8.59E-05	8.92E-05	7.77E-06	7.63E-06	9.4720E-04
607127.8	4201368.22	39969.08991	0.05219	0.05385	0.28474	0.29812	0.06272	0.06176	7.02E-04	1.08E-05	1.13E-05	9.59E-05	1.00E-04	7.57E-06	7.44E-06	9.3512E-04
607147.8	4201368.22	38196.1238	0.05427	0.05622	0.3208	0.33757	0.06116	0.06022	6.71E-04	1.13E-05	1.18E-05	1.08E-04	1.13E-04	7.39E-06	7.26E-06	9.2991E-04
607167.8	4201368.22	36548.29333	0.05649	0.05862	0.36534	0.38689	0.05965	0.05874	6.42E-04	1.17E-05	1.23E-05	1.23E-04	1.30E-04	7.20E-06	7.08E-06	9.3312E-04
607187.8	4201368.22	35016.36057	0.05901	0.06122	0.42179	0.45036	0.0582	0.05732	6.15E-04	1.23E-05	1.29E-05	1.42E-04	1.51E-04	7.03E-06	6.91E-06	9.4723E-04
607207.8	4201368.22	33598.93868	0.06198	0.06426	0.49573	0.53516	0.05682	0.05596	5.90E-04	1.29E-05	1.35E-05	1.67E-04	1.79E-04	6.86E-06	6.74E-06	9.7661E-04
607227.8	4201368.22	32273.54167	0.06542	0.06785	0.59648	0.65371	0.05549	0.05465	5.67E-04	1.36E-05	1.43E-05	2.01E-04	2.19E-04	6.70E-06	6.59E-06	1.0282E-03
607247.8	4201368.22	31023.94585	0.06931	0.07201	0.74095	0.82928	0.05419	0.05338	5.45E-04	1.44E-05	1.51E-05	2.50E-04	2.78E-04	6.54E-06	6.43E-06	1.1151E-03
607267.8	4201368.22	29848.48575	0.07362	0.07669	0.9635	1.11208	0.05294	0.05215	5.24E-04	1.53E-05	1.61E-05	3.24E-04	3.73E-04	6.39E-06	6.29E-06	1.2659E-03
607287.8	4201368.22	28751.74729	0.07836	0.08185	1.34641	1.6324	0.05174	0.05097	5.05E-04	1.63E-05	1.72E-05	4.53E-04	5.48E-04	6.25E-06	6.14E-06	1.5519E-03
607307.8	4201368.22	27715.23389	0.08355	0.08758	2.11922	2.78616	0.05057	0.04983	4.87E-04	1.73E-05	1.84E-05	7.14E-04	9.35E-04	6.11E-06	6.01E-06	2.1829E-03
606527.8	4201388.22	556952.0625	0.01228	0.01236	0.05756	0.05847	0.15458	0.15231	9.78E-03	2.55E-06	2.60E-06	1.94E-05	1.96E-05	1.87E-05	1.84E-05	9.8639E-03
606547.8	4201388.22	472306.6693	0.01311	0.01319	0.05979	0.06067	0.14921	0.14699	8.30E-03	2.72E-06	2.77E-06	2.01E-05	2.03E-05	1.80E-05	1.77E-05	8.3777E-03
606567.8	4201388.22	370143.5067	0.01359	0.01368	0.06162	0.06254	0.14415	0.14198	6.50E-03	2.82E-06	2.88E-06	2.08E-05	2.10E-05	1.74E-05	1.71E-05	6.5834E-03
606587.8	4201388.22	306166.4749	0.01403	0.01412	0.06342	0.06439	0.13938	0.13726	5.38E-03	2.91E-06	2.97E-06	2.14E-05	2.16E-05	1.68E-05	1.65E-05	5.4600E-03
606607.8	4201388.22	261949.5556	0.01448	0.01458	0.06533	0.06635	0.13482	0.13275	4.60E-03	3.01E-06	3.07E-06	2.20E-05	2.23E-05	1.63E-05	1.60E-05	4.6837E-03
606627.8	4201388.22	228685.513	0.01499	0.01509	0.06742	0.0685	0.13043	0.12841	4.02E-03	3.11E-06	3.17E-06	2.27E-05	2.30E-05	1.57E-05	1.55E-05	4.1000E-03
606647.8	4201388.22	202625.6443	0.01553	0.01562	0.06962	0.07077	0.12623	0.12427	3.56E-03	3.22E-06	3.29E-06	2.34E-05	2.37E-05	1.52E-05	1.50E-05	3.6430E-03
606667.8	4201388.22	181356.6715	0.01609	0.0162	0.07194	0.07317	0.12221	0.1203	3.19E-03	3.34E-06	3.41E-06	2.42E-05	2.45E-05	1.48E-05	1.45E-05	3.2703E-03
606687.8	4201388.22	163748.0865	0.01667	0.01677	0.07443	0.07575	0.11838	0.11652	2.88E-03	3.46E-06	3.53E-06	2.51E-05	2.54E-05	1.43E-05	1.40E-05	2.9620E-03
606707.8	4201388.22	148879.8512	0.01727	0.01736	0.07702	0.07843	0.11472	0.11291	2.62E-03	3.59E-06	3.65E-06	2.59E-05	2.63E-05	1.39E-05	1.36E-05	2.7020E-03
606727.8	4201388.22	136214.4719	0.01787	0.01794	0.07966	0.08117	0.11124	0.10947	2.39E-03	3.71E-06	3.77E-06	2.68E-05	2.72E-05	1.34E-05	1.32E-05	2.4807E-03
606747.8	4201388.22	125304.5588	0.01814	0.01816	0.08163	0.08325	0.10793	0.1062	2.20E-03	3.77E-06	3.82E-06	2.75E-05	2.79E-05	1.30E-05	1.28E-05	2.2898E-03
606767.8	4201388.22	115352.3905	0.01891	0.01892	0.0848	0.08653	0.10467	0.10299	2.03E-03	3.93E-06	3.98E-06	2.86E-05	2.90E-05	1.26E-05	1.24E-05	2.1167E-03
606787.8	4201388.22	106391.5923	0.02004	0.0199	0.08895	0.09096	0.10149	0.09986	1.87E-03	4.16E-06	4.19E-06	3.00E-05	3.05E-05	1.23E-05	1.20E-05	1.9618E-03
606807.8	4201388.22	98571.17554	0.02103	0.021	0.0931	0.09503	0.09847	0.09688	1.73E-03	4.37E-06	4.42E-06	3.14E-05	3.19E-05	1.19E-05	1.17E-05	1.8270E-03
606827.8	4201388.22	91595.90395	0.0221	0.02209	0.0974	0.09947	0.09556	0.09402	1.61E-03	4.59E-06	4.65E-06	3.28E-05	3.34E-05	1.15E-05	1.13E-05	1.7071E-03
606847.8	4201388.22	85341.53566	0.02329	0.02326	0.10211	0.10429	0.09276	0.09126	1.50E-03	4.84E-06	4.89E-06	3.44E-05	3.50E-05	1.12E-05	1.10E-05	1.6003E-03
606867.8	4201388.22	79720.39481	0.02458	0.02452	0.10718	0.1095	0.09006	0.08861	1.40E-03	5.10E-06	5.16E-06	3.61E-05	3.67E-05	1.09E-05	1.07E-05	1.5049E-03
606887.8	4201388.22	74666.14305	0.02596	0.02588	0.11265	0.11515	0.08748	0.08606	1.31E-03	5.39E-06	5.44E-06	3.79E-05	3.86E-05	1.06E-05	1.04E-05	1.4198E-03
606907.8	4201388.22	70091.34908	0.02747	0.02737	0.11865	0.12136	0.085	0.08362	1.23E-03	5.70E-06	5.76E-06	4.00E-05	4.07E-05	1.03E-05	1.01E-05	1.3436E-03
606927.8	4201388.22	65946.14027	0.0291	0.02897	0.12525	0.12822	0.08261	0.08128	1.16E-03	6.04E-06	6.09E-06	4.22E-05	4.30E-05	9.98E-06	9.80E-06	1.2754E-03
606947.8	4201388.22	62170.95664	0.03084	0.03071	0.13259	0.13588	0.08032	0.07902	1.09E-03	6.40E-06	6.46E-06	4.47E-05	4.56E-05	9.70E-06	9.52E-06	1.2143E-03
606967.8	4201388.22	58724.96047	0.03267	0.03257	0.14077	0.14442	0.07812	0.07686	1.03E-03	6.78E-06	6.85E-06	4.74E-05	4.84E-05	9.43E-06	9.26E-06	1.1597E-03
606987.8	4201388.22	55557.65255	0.0346	0.03456	0.15004	0.15418	0.076	0.07477	9.76E-04	7.19E-06	7.27E-06	5.05E-05	5.17E-05	9.18E-06	9.01E-06	1.1107E-03
607007.8	4201388.22	52622.22405	0.03667	0.03673	0.16076	0.16543	0.07393	0.07274	9.24E-04	7.61E-06	7.73E-06	5.41E-05	5.55E-05	8.93E-06	8.77E-06	1.0670E-03
607027.8	4201388.22	49818.35802	0.03919	0.03943	0.17495	0.18022	0.07187	0.07072	8.75E-04	8.14E-06	8.29E-06	5.89E-05	6.04E-05	8.68E-06	8.52E-06	1.0281E-03
607047.8	4201388.22	47302.02702	0.0415	0.04196	0.19046	0.19676	0.06994	0.06882	8.31E-04	8.62E-06	8.83E-06	6.41E-05	6.60E-05	8.45E-06	8.29E-06	9.9517E-04
607067.8	4201388.22	44971.93837	0.04377	0.04453	0.20885	0.21624	0.06807	0.06698	7.90E-04	9.09E-06	9.37E-06	7.03E-05	7.25E-05	8.22E-06	8.07E-06	9.6754E-04
607087.8	4201388.22	42842.56411	0.04567	0.04673	0.22939	0.23814	0.06629	0.06523	7.53E-04	9.48E-06	9.83E-06	7.73E-05	7.99E-05	8.00E-06	7.86E-06	9.4483E-04
607107.8	4201388.22	40884.71875	0.04744	0.04879	0.25342	0.26391	0.06459	0.06356	7.18E-04	9.85E-06	1.03E-05	8.53E-05	8.85E-05	7.80E-06	7.66E-06	9.2757E-04
607127.8	4201388.22	39063.07451	0.04915	0.05076	0.28227	0.29508	0.06295	0.06195	6.86E-04	1.02E-05	1.07E-05	9.51E-05	9.90E-05	7.60E-06	7.47E-06	9.1612E-04
607147.8	4201388.22	37358.89035	0.05092	0.05271	0.31748	0.33339	0.06136	0.06039	6.56E-04	1.06E-05	1.11E-05	1.07E-04	1.12E-04	7.41E-06	7.28E-06	9.1130E-04
607167.8	4201388.22	35768.72851	0.05288	0.05476	0.36096	0.38127	0.05983	0.05889	6.28E-04	1.10E-05	1.15E-05	1.22E-04	1.28E-04	7.22E-06	7.10E-06	9.1454E-04
607187.8	4201388.22	34286.60385	0.05517	0.05708	0.41595	0.44261	0.05835	0.05744	6.02E-04	1.15E-05	1.20E-05	1.40E-04	1.48E-04	7.05E-06	6.92E-06	9.2821E-04
607207.8	4201388.22	32902.93299	0.05789	0.05984	0.48758	0.52396	0.05693	0.05604	5.78E-04	1.20E-05	1.26E-05	1.64E-04	1.76E-04	6.87E-06	6.75E-06	9.5612E-04

607227.8	4201388.22	31626.20355	0.06096	0.06305	0.58509	0.63756	0.05558	0.05472	5.56E-04	1.27E-05	1.33E-05	1.97E-04	2.14E-04	6.71E-06	6.59E-06	1.0056E-03
607247.8	4201388.22	30419.35488	0.06439	0.06673	0.72364	0.80433	0.05427	0.05343	5.34E-04	1.34E-05	1.40E-05	2.44E-04	2.70E-04	6.55E-06	6.44E-06	1.0882E-03
607267.8	4201388.22	29289.55031	0.06816	0.07081	0.93522	1.07164	0.05301	0.0522	5.14E-04	1.42E-05	1.49E-05	3.15E-04	3.59E-04	6.40E-06	6.29E-06	1.2306E-03
607287.8	4201388.22	28232.55488	0.07226	0.07528	1.29256	1.55898	0.0518	0.05101	4.96E-04	1.50E-05	1.58E-05	4.35E-04	5.23E-04	6.25E-06	6.15E-06	1.4974E-03
607307.8	4201388.22	27226.0522	0.07677	0.08021	1.98836	2.62369	0.05062	0.04985	4.78E-04	1.59E-05	1.69E-05	6.70E-04	8.80E-04	6.11E-06	6.01E-06	2.0728E-03
606527.8	4201408.22	486292.5549	0.01272	0.01282	0.05872	0.05958	0.15797	0.15541	8.54E-03	2.64E-06	2.70E-06	1.98E-05	2.00E-05	1.91E-05	1.87E-05	8.6245E-03
606547.8	4201408.22	414923.4002	0.01308	0.01317	0.06031	0.06121	0.15251	0.15001	7.29E-03	2.72E-06	2.77E-06	2.03E-05	2.05E-05	1.84E-05	1.81E-05	7.3709E-03
606567.8	4201408.22	328622.651	0.01345	0.01355	0.06197	0.0629	0.14729	0.14487	5.77E-03	2.79E-06	2.85E-06	2.09E-05	2.11E-05	1.78E-05	1.75E-05	5.8550E-03
606587.8	4201408.22	275528.429	0.01383	0.01393	0.06369	0.06468	0.14231	0.13996	4.84E-03	2.87E-06	2.93E-06	2.15E-05	2.17E-05	1.72E-05	1.69E-05	4.9226E-03
606607.8	4201408.22	238121.0676	0.01428	0.01438	0.06561	0.06665	0.1375	0.13522	4.18E-03	2.97E-06	3.03E-06	2.21E-05	2.24E-05	1.66E-05	1.63E-05	4.2659E-03
606627.8	4201408.22	209639.0816	0.0148	0.01489	0.06771	0.06881	0.13288	0.13066	3.68E-03	3.07E-06	3.13E-06	2.28E-05	2.31E-05	1.60E-05	1.57E-05	3.7661E-03
606647.8	4201408.22	186966.2491	0.01534	0.01543	0.06994	0.07112	0.12845	0.1263	3.28E-03	3.19E-06	3.25E-06	2.36E-05	2.39E-05	1.55E-05	1.52E-05	3.3686E-03
606667.8	4201408.22	168630.59	0.01588	0.01596	0.07222	0.07348	0.12427	0.12218	2.96E-03	3.30E-06	3.36E-06	2.43E-05	2.46E-05	1.50E-05	1.47E-05	3.0473E-03
606687.8	4201408.22	153207.0258	0.01644	0.01651	0.07463	0.07598	0.12028	0.11825	2.69E-03	3.41E-06	3.47E-06	2.51E-05	2.55E-05	1.45E-05	1.43E-05	2.7773E-03
606707.8	4201408.22	139851.5947	0.01705	0.01712	0.07727	0.0787	0.11645	0.11447	2.46E-03	3.54E-06	3.60E-06	2.60E-05	2.64E-05	1.41E-05	1.38E-05	2.5439E-03
606727.8	4201408.22	128318.0193	0.01769	0.01776	0.08005	0.08159	0.11279	0.11087	2.25E-03	3.67E-06	3.74E-06	2.70E-05	2.74E-05	1.36E-05	1.34E-05	2.3426E-03
606747.8	4201408.22	118336.4028	0.01835	0.01839	0.08288	0.08454	0.10931	0.10745	2.08E-03	3.81E-06	3.87E-06	2.79E-05	2.84E-05	1.32E-05	1.29E-05	2.1686E-03
606767.8	4201408.22	109588.1918	0.01893	0.01889	0.08557	0.08732	0.10599	0.10418	1.92E-03	3.93E-06	3.97E-06	2.88E-05	2.93E-05	1.28E-05	1.26E-05	2.0163E-03
606787.8	4201408.22	101420.5313	0.01987	0.01988	0.08937	0.09126	0.10271	0.10095	1.78E-03	4.13E-06	4.18E-06	3.01E-05	3.06E-05	1.24E-05	1.22E-05	1.8750E-03
606807.8	4201408.22	94333.54176	0.0207	0.02063	0.09288	0.09486	0.09961	0.09791	1.66E-03	4.30E-06	4.34E-06	3.13E-05	3.18E-05	1.20E-05	1.18E-05	1.7525E-03
606827.8	4201408.22	87818.0295	0.02182	0.02178	0.09735	0.09944	0.09658	0.09493	1.54E-03	4.53E-06	4.58E-06	3.28E-05	3.34E-05	1.17E-05	1.14E-05	1.6409E-03
606847.8	4201408.22	81995.41642	0.023	0.02293	0.10203	0.10427	0.09369	0.09209	1.44E-03	4.78E-06	4.82E-06	3.44E-05	3.50E-05	1.13E-05	1.11E-05	1.5416E-03
606867.8	4201408.22	76748.77835	0.02426	0.02417	0.10706	0.10945	0.09091	0.08936	1.35E-03	5.04E-06	5.08E-06	3.61E-05	3.67E-05	1.10E-05	1.08E-05	1.4527E-03
606887.8	4201408.22	71999.71656	0.02565	0.02553	0.11255	0.11511	0.08824	0.08674	1.26E-03	5.33E-06	5.37E-06	3.79E-05	3.86E-05	1.07E-05	1.05E-05	1.3730E-03
606907.8	4201408.22	67700.87227	0.02712	0.02699	0.1185	0.12126	0.08568	0.08423	1.19E-03	5.63E-06	5.68E-06	3.99E-05	4.07E-05	1.03E-05	1.02E-05	1.3015E-03
606927.8	4201408.22	63735.41274	0.0288	0.02866	0.12524	0.1283	0.0832	0.08179	1.12E-03	5.98E-06	6.03E-06	4.22E-05	4.30E-05	1.00E-05	9.86E-06	1.2366E-03
606947.8	4201408.22	60173.82055	0.03046	0.03034	0.1325	0.13587	0.08085	0.07948	1.06E-03	6.33E-06	6.38E-06	4.46E-05	4.56E-05	9.76E-06	9.58E-06	1.1792E-03
606967.8	4201408.22	56909.87671	0.03218	0.03212	0.14063	0.14437	0.07859	0.07726	1.00E-03	6.68E-06	6.76E-06	4.74E-05	4.84E-05	9.49E-06	9.31E-06	1.1276E-03
606987.8	4201408.22	53900.37343	0.03398	0.034	0.14995	0.15406	0.07641	0.07512	9.47E-04	7.06E-06	7.15E-06	5.05E-05	5.17E-05	9.23E-06	9.05E-06	1.0814E-03
607007.8	4201408.22	51026.72656	0.03614	0.0363	0.16177	0.16638	0.07424	0.073	8.96E-04	7.50E-06	7.64E-06	5.45E-05	5.58E-05	8.96E-06	8.80E-06	1.0395E-03
607027.8	4201408.22	48328.51196	0.03848	0.03886	0.17636	0.18183	0.07212	0.07092	8.49E-04	7.99E-06	8.18E-06	5.94E-05	6.10E-05	8.71E-06	8.55E-06	1.0027E-03
607047.8	4201408.22	45954.99842	0.04024	0.04083	0.19111	0.19737	0.07016	0.069	8.07E-04	8.36E-06	8.59E-06	6.44E-05	6.62E-05	8.47E-06	8.32E-06	9.7149E-04
607067.8	4201408.22	43769.2838	0.04189	0.04273	0.20808	0.21532	0.06829	0.06716	7.69E-04	8.70E-06	8.99E-06	7.01E-05	7.22E-05	8.25E-06	8.09E-06	9.4513E-04
607087.8	4201408.22	41746.84454	0.04342	0.04452	0.22788	0.23639	0.06649	0.06539	7.33E-04	9.02E-06	9.37E-06	7.67E-05	7.93E-05	8.03E-06	7.88E-06	9.2360E-04
607107.8	4201408.22	39878.9332	0.04488	0.04621	0.25122	0.26136	0.06477	0.0637	7.00E-04	9.32E-06	9.72E-06	8.46E-05	8.77E-05	7.82E-06	7.68E-06	9.0727E-04
607127.8	4201408.22	38141.41485	0.04632	0.04783	0.2792	0.29147	0.06311	0.06207	6.70E-04	9.62E-06	1.01E-05	9.40E-05	9.78E-05	7.62E-06	7.48E-06	8.9652E-04
607147.8	4201408.22	36510.96912	0.04788	0.04948	0.31331	0.32842	0.0615	0.0605	6.41E-04	9.94E-06	1.04E-05	1.06E-04	1.10E-04	7.43E-06	7.29E-06	8.9205E-04
607167.8	4201408.22	34984.74938	0.04966	0.05129	0.35548	0.37448	0.05995	0.05898	6.14E-04	1.03E-05	1.08E-05	1.20E-04	1.26E-04	7.24E-06	7.11E-06	8.9528E-04
607187.8	4201408.22	33554.92126	0.05178	0.05341	0.40875	0.43334	0.05846	0.05751	5.89E-04	1.08E-05	1.12E-05	1.38E-04	1.45E-04	7.06E-06	6.93E-06	9.0837E-04
607207.8	4201408.22	32217.29806	0.05424	0.05592	0.47785	0.51085	0.05701	0.0561	5.66E-04	1.13E-05	1.18E-05	1.61E-04	1.71E-04	6.88E-06	6.76E-06	9.3484E-04
607227.8	4201408.22	30970.32862	0.05702	0.05884	0.57107	0.61753	0.05563	0.05474	5.44E-04	1.18E-05	1.24E-05	1.92E-04	2.07E-04	6.72E-06	6.60E-06	9.8098E-04
607247.8	4201408.22	29808.60885	0.06009	0.06213	0.70348	0.77329	0.05431	0.05345	5.24E-04	1.25E-05	1.31E-05	2.37E-04	2.59E-04	6.56E-06	6.44E-06	1.0584E-03
607267.8	4201408.22	28731.3468	0.06334	0.06566	0.90513	1.02084	0.05305	0.05222	5.05E-04	1.32E-05	1.38E-05	3.05E-04	3.42E-04	6.41E-06	6.29E-06	1.1916E-03
607287.8	4201408.22	27709.07199	0.06695	0.06955	1.23794	1.45686	0.05183	0.05102	4.87E-04	1.39E-05	1.46E-05	4.17E-04	4.89E-04	6.26E-06	6.15E-06	1.4332E-03
607307.8	4201408.22	26733.96552	0.07088	0.07385	1.86778	2.36873	0.05064	0.04985	4.70E-04	1.47E-05	1.55E-05	6.29E-04	7.95E-04	6.11E-06	6.01E-06	1.9355E-03
606533.18	4201421.18	414707.0721	0.01273	0.01283	0.05932	0.06018	0.15869	0.15596	7.28E-03	2.64E-06	2.70E-06	2.00E-05	2.02E-05	1.92E-05	1.88E-05	7.3677E-03
606553.18	4201421.18	344871.1145	0.01303	0.01311	0.06087	0.0618	0.1532	0.15056	6.06E-03	2.71E-06	2.76E-06	2.05E-05	2.07E-05	1.85E-05	1.81E-05	6.1409E-03
606573.18	4201421.18	284828.9625	0.01341	0.01349	0.06256	0.06352	0.14786	0.1453	5.00E-03	2.78E-06	2.84E-06	2.11E-05	2.13E-05	1.79E-05	1.75E-05	5.0863E-03
606593.18	4201421.18	245055.5068	0.01379	0.01388	0.06431	0.06533	0.14278	0.1403	4.30E-03	2.86E-06	2.92E-06	2.17E-05	2.19E-05	1.72E-05	1.69E-05	4.3878E-03
606613.18	4201421.18	215436.0922	0.01425	0.01433	0.06623	0.06731	0.13789	0.13548	3.78E-03	2.96E-06	3.01E-06	2.23E-05	2.26E-05	1.67E-05	1.63E-05	3.8679E-03
606633.18	4201421.18	191621.9094	0.01479	0.01486	0.06841	0.06956	0.13315	0.13082	3.37E-03	3.07E-06	3.13E-06	2.30E-05	2.33E-05	1.61E-05	1.58E-05	3.4502E-03
606653.18	4201421.18	171969.2725	0.01537	0.01546	0.07076	0.072	0.1286	0.12634	3.02E-03	3.19E-06	3.25E-06	2.38E-05	2.41E-05	1.55E-05	1.52E-05	3.1058E-03
606673.18	4201421.18	156034.4075	0.01593	0.01601	0.07313	0.07445	0.12433	0.12215	2.74E-03	3.31E-06	3.37E-06	2.46E-05	2.50E-05	1.50E-05	1.47E-05	2.8267E-03
606693.18	4201421.18	142703.9428	0.01647	0.01654	0.07557	0.07694	0.12031	0.11819	2.51E-03	3.42E-06	3.48E-06	2.55E-05	2.58E-05	1.45E-05	1.42E-05	2.5935E-03
606713.18	4201421.18	130916.1823	0.0171	0.01715	0.07821	0.07971	0.11643	0.11438	2.30E-03	3.55E-06	3.61E-06	2.63E-05	2.67E-05	1.41E-05	1.38E-05	2.3876E-03
606727.8	4201423.25	122465.8951	0.01755	0.01759	0.0803	0.08185	0.11385	0.11183	2.15E-03	3.64E-06	3.70E-06	2.70E-05	2.75E-05	1.37E-05	1.35E-05	2.2402E-03
606747.8	4201423.25	113230.7818	0.01822	0.01826	0.0832	0.08488	0.11026	0.1083	1.99E-03	3.78E-06	3.84E-06	2.80E-05	2.85E-05	1.33E-05	1.31E-05	2.0794E-03
606767.8	4201423.25	105080.3173	0.01892	0.01893	0.08617	0.08798	0.10684	0.10494	1.85E-03	3.93E-06	3.98E-06	2.90E-05	2.95E-05	1.29E-05	1.26E-05	1.9377E-03
606787.8	4201423.25	97660.65384	0.01974	0.01973	0.08956	0.09149	0.10352	0.10168	1.72E-03	4.10E-06	4.15E-06	3.02E-05	3.07E-05	1.25E-05	1.23E-05	1.8092E-03
606807.8	4201423.25	91123.34631	0.02048	0.02032	0.09268	0.09472	0.10038	0.0986	1.60E-03	4.25E-06	4.27E-06	3.12E-05	3.18E-05	1.21E-05	1.19E-05	1.6961E-03
606827.8	4201428.22	84092.41178	0.02149	0.0214	0.09694	0.0991	0.0975	0.09575	1.48E-03	4.46E-06	4.50E-06	3.26E-05	3.32E-05	1.18E-05	1.15E-05	1.5752E-03
606847.8	4201428.22	78655.77702	0.02271	0.02261	0.10184	0.10415	0.0945	0.09281	1.38E-03	4.72E-06	4.76E-06	3.43E-05	3.49E-05	1.14E-05	1.12E-05	1.4829E-03
606867.8	4201428.22	73782.94566	0.02395	0.02383	0.10682	0.10928	0.09164	0.09001	1.30E-03	4.97E-06	5.01E-06	3.60E-05	3.67E-05	1.11E-05	1.08E-05	1.4005E-03
606887.8	4201428.22	69346.81859	0.02531	0.02518	0.11229	0.11493	0.0889	0.08732	1.22E-03	5.26E-06	5.30E-06	3.78E-05	3.85E-05	1.07E-05	1.05E-05	1.3262E-03
606907.8	4201428.22	65193.54145	0.02693	0.0268	0.11887	0.12174	0.08621	0.08468	1.15E-03	5.59E-06	5.64E-06	4.00E-05	4.08E-05	1.04E-05	1.02E-05	1.2578E-03
606927.8	4201428.22	61335.44947	0.02881	0.0287	0.12636	0.12945	0.08358	0.08211	1.08E-03	5.98E-06	6.04E-06	4.26E-05	4.34E-05	1.01E-05	9.90E-06	1.1953E-03
606947.8	4201428.22	57929.87692	0.03058	0.03051	0.13427	0.13775	0.08114	0.07971	1.02E-03	6.35E-06	6.42E-06	4.52E-05	4.62E-05	9.80E-06	9.61E-06	1.1411E-03
606967.8	4201428.22	54841.90784	0.03225	0.03228	0.14275	0.14661	0.07881	0.07743	9.63E-04	6.70E-06	6.79E-06	4.81E-05	4.92E-05	9.52E-06	9.33E-06	1.0929E-03
606987.8	4201428.22	51962.60723	0.03394	0.03408	0.15261	0.15689	0.07656	0.07522	9.13E-04	7.05E-06	7.17E-06	5.14E-05	5.26E-05	9.24E-06	9.07E-06	1.0493E-03
607007.8	4201428.22	49269.35689	0.03559	0.03587	0.1639	0.16871	0.07436	0.07306	8.65E-04	7.39E-06	7.55E-06	5.52E-05	5.66E-05	8.98E-06	8.81E-06	1.0099E-03
607027.8	4201428.22	46808.83941	0.03712	0.03757	0.17639	0.18183	0.07227	0.07102	8.22E-04	7.71E-06	7.90E-06	5.94E-05	6.10E-05	8.73E-06	8.56E-06	9.7548E-04
607047.8	4201428.22	44592.63214	0.03857	0.03923	0.19049	0.19668	0.07031	0.06909	7.83E-04	8.01E-06	8.25E-06	6.42E-05	6.60E-05	8.49E-06	8.33E-06	9.4646E-04
607067.8	4201428.22	42558.56713	0.03993	0.04082	0.20677	0.21395	0.06844	0.06726	7.48E-04	8.29E-06	8.59E-06	6.96E-05	7.18E-05	8.26E-06	8.11E-06	9.2218E-04
607087.8	4201428.22	40652.40269	0.0412	0.0423	0.22589	0.23428	0.06663	0.06549	7.14E-04	8.56E-06	8.90E-06	7.61E-05	7.86E-05	8.05E-06	7.89E-06	9.0210E-04
607107.8	4201428.22	38871.69184	0.04243	0.0437	0.24853	0.25845	0.06488	0.06378	6.83E-04	8.81E-06	9.19E-06	8.37E-05	8.67E-05	7.83E-06	7.69E-06	8.8669E-04
607127.8	4201428.22	37214.68645	0.04371	0.04508	0.27561	0.28749	0.06321	0.06214	6.54E-04	9.08E-06	9.48E-06	9.28E-05	9.64E-05	7.63E-06	7.49E-06	8.7660E-04
607147.8	4201428.22	35661.64883	0.04512	0.04654	0.30851	0.32299	0.06159	0.06056	6.26E-04	9.37E-06	9.79E-06	1.04E-04	1.08E-04	7.44E-06	7.30E-06	8.7252E-04
607167.8	4201428.22	34198.13268	0.04678	0.04819	0.34915	0.36716	0.06003	0.05902	6.01E-04	9.71E-06	1.01E-05	1.18E-04	1.23E-04	7.25E-06	7.11E-06	8.7564E-04
607187.8	4201428.22	32818.67349	0.04872	0.05013	0.40034	0.42328	0.05851	0.05754	5.76E-04	1.01E-05	1.05E-05	1.35E-04	1.42E-04	7.07E-06	6.93E-06	8.8792E-04
607207.8	4201428.22	31528.84892	0.05095	0.05242	0.46655	0.49668	0.05705	0.05611	5.54E-04	1.06E-05	1.10E-05	1.57E-04	1.67E-04	6.89E-06	6.76E-06	9.1278E-04
607227.8	4201428.22	30322.7158	0.05345	0.05505	0.55529	0.59667	0.05565	0.05474	5.33E-04	1.11E-05	1.16E-05	1.87E-04	2.00E-04	6.72E-06	6.60E-06	9.5575E-04
607247.8	4201428.22	29208.86004	0.0562	0.058	0.68118	0.74188	0.05432	0.05344	5.13E-04	1.17E-05	1.22E-05	2.29E-04	2.49E-04	6.56E-06	6.44E-06	1.0282E-03
607267.8	4201428.22	28180.33415	0.05906	0.0611	0.87122	0.96824	0.05307	0.05221	4.95E-04	1.23E-05	1.29E-05	2.93E-04	3.25E-04	6.41E-06	6.29E-06	1.1510E-03
607287.8	4201428.22	27181.62258	0.06228	0.06454	1.17803	1.35098	0.05182	0.05099	4.77E-04	1.29E-05	1.36E-05	3.97E-04	4.53E-04	6.26E-06	6.15E-06	1.3662E-03
607307.8	4201428.22	26239.2166	0.06574	0.06832	1.74669	2.11236	0.05062	0.04982	4.61E-04	1.37E-05	1.44E-05	5.88E-04	7.09E-04	6.11E-06	6.00E-06	1.7978E-03
606357.31	4200991.9	330640.9126	0.01936	0.01997	0.04194	0.04193	0.05549	0.0574	5.81E-03	4.02E-06	4.20E-06	1.41E-05	1.41E-05	6.70E-06	6.92E-06	5.8577E-03
606373.3	4200990.76	313755.2173	0.01998	0.02061	0.04263	0.04261	0.0557	0.05756	5.51E-03	4.15E-06	4.34E-06	1.44E-05	1.43E-05	6.73E-06	6.94E-06	5.5618E-03
606393.3	4200990.76	301177.2094	0.02064	0.02131	0.04354	0.04351	0.05627	0.05807	5.29E-03	4.29E-06	4.48E-06	1.47E-05	1.46E-05	6.79E-06	7.00E-06	5.3419E-03
606413.3	4200990.76	288327.8917	0.02134	0.02204	0.04449	0.04446	0.05678	0.05851	5.06E-03	4.43E-06	4.64E-06	1.50E-05	1.49E-05	6.86E-06	7.05E-06	5.1173E-03
606433.3	4200990.76	275089.9633	0.0221	0.02283	0.04549	0.04545	0.05722	0.05888	4.83E-03	4.59E-06	4.80E-06	1.53E-05	1.52E-05	6.91E-06	7.10E-06	4.8859E-03
606453.3	4200990.76	261713.0529	0.02291	0.02369	0.04655	0.04649	0.05759	0.05918	4.60E-03	4.76E-06	4.98E-06	1.57E-05	1.56E-05	6.95E-06	7.13E-06	4.6520E-03
606473.3	4200990.76	248885.9943	0.02378	0.02461	0.04765	0.04752	0.0579	0.05942	4.37E-03	4.94E-06	5.18E-06	1.60E-05	1.59E-05	6.99E-06	7.16E-06	4.4279E-03
606493.3	4200990.76	237448.5012	0.02466	0.02555	0.04863	0.04822	0.05815	0.05959	4.17E-03	5.12E-06	5.37E-06	1.64E-05	1.62E-05	7.02E-06	7.18E-06	4.2280E-03
606513.3	4200990.76	227878.0022	0.02566	0.02654	0.04975	0.0494	0.05834	0.05971	4.00E-03	5.33E-06	5.58E-06	1.68E-05	1.66E-05	7.04E-06	7.20E-06	4.0611E-03
606355.59	4201005.6	422909.8858	0.01844	0.01901	0.04216	0.0422	0.05877	0.06076	7.43E-03	3.83E-06	4.00E-06	1.42E-05	1.42E-05	7.10E-06	7.32E-06	7.4789E-03
606375.59	4201005.6	405803.014	0.01908	0.01968	0.0431	0.04313	0.05936	0.06128	7.13E-03	3.96E-06	4.14E-06	1.45E-05	1.45E-05	7.17E-06	7.39E-06	7.1795E-03
606393.3	4201010.76	426278.5466	0.01933	0.01994	0.04407	0.04412	0.06109	0.06295	7.49E-03	4.01E-06	4.19E-06	1.48E-05	1.48E-05	7.38E-06	7.59E-06	7.5403E-03
606413.3	4201010.76	407211.5915	0.02	0.02065	0.04508	0.04512	0.0615	0.06329	7.15E-03	4.15E-06	4.34E-06	1.52E-05	1.51E-05	7.43E-06	7.63E-06	7.2064E-03
606433.3	4201010.76	386732.1306	0.02073	0.0214	0.04614	0.04618	0.06184	0.06354	6.79E-03	4.30E-06	4.50E-06	1.55E-05	1.55E-05	7.47E-06	7.66E-06	6.8478E-03
606453.3	4201010.76	364779.292	0.02148	0.0222	0.04724	0.04727	0.06211	0.06372	6.41E-03	4.46E-06	4.67E-06	1.59E-05	1.59E-05	7.50E-06	7.68E-06	6.4633E-03
606473.3	4201010.76	341352.4999	0.02229	0.02305	0.0484	0.04842	0.06231	0.06384	6.00E-03	4.63E-06	4.85E-06	1.63E-05	1.62E-05	7.52E-06	7.69E-06	6.0530E-03
606493.3	4201010.76	318323.286	0.02312	0.02392	0.0496	0.04961	0.06245	0.0639	5.59E-03	4.80E-06	5.03E-06	1.67E-05	1.66E-05	7.54E-06	7.70E-06	5.6497E-03
606513.3	4201010.76	300034.2956	0.02397	0.02482	0.05085	0.05085	0.06253	0.0639	5.27E-03	4.98E-06	5.22E-06	1.71E-05	1.71E-05	7.55E-06	7.70E-06	5.3297E-03
606320.15	4201003.05	434848.4162	0.01742	0.01794	0.04046	0.0405	0.05691	0.059	7.64E-03	3.62E-06	3.77E-06	1.36E-05	1.36E-05	6.87E-06	7.11E-06	7.6866E-03
606340.15	4201003.05	417999.4085	0.01806	0.01861	0.04138	0.04141	0.05763	0.05966	7.34E-03	3.75E-06	3.92E-06	1.39E-05	1.39E-05	6.96E-06	7.19E-06	7.3917E-03
608186.19	4200741.15	10292.55982	0.2604	0.26385	0.03479	0.03351	0.02094	0.02086	1.81E-04	5.41E-05	5.55E-05	1.17E-05	1.12E-05	2.53E-06	2.51E-06	3.1837E-04
608186.19	4200794.35	10291.44769	0.23818	0.24167	0.03996	0.03853	0.02145	0.02135	1.81E-04	4.95E-05	5.08E-05	1.35E-05	1.29E-05	2.59E-06	2.57E-06	3.1261E-04
608186.19	4200733.55	10289.19836	0.26362	0.26706	0.03408	0.03283	0.02086	0.02079	1.81E-04	5.47E-05	5.62E-05	1.15E-05	1.10E-05	2.52E-06	2.51E-06	3.1917E-04
608186.19	4200801.95	10288.06323	0.23508	0.23856	0.04072	0.03928	0.02152	0.02142	1.81E-04	4.88E-05	5.02E-05	1.37E-05	1.32E-05	2.60E-06	2.58E-06	3.1178E-04
608186.19	4200809.55	10283.70608	0.23199	0.23547	0.0415	0.04003	0.02159	0.02148	1.81E-04	4.82E-05	4.95E-05	1.40E-05	1.34E-05	2.61E-06	2.59E-06	3.1094E-04
608186.19	4200817.15	10278.54755	0.22892	0.2324	0.04227	0.04079	0.02165	0.02154	1.81E-04	4.75E-05	4.89E-05	1.42E-05	1.37E-05	2.61E-06	2.60E-06	3.1010E-04
608186.19	4200824.75	10272.5375	0.22588	0.22936	0.04306	0.04155	0.02171	0.0216	1.80E-04	4.69E-05	4.83E-05	1.45E-05	1.39E-05	2.62E-06	2.60E-06	3.0925E-04
608186.19	4200832.35	10265.80646	0.22286	0.22633	0.04384	0.04232	0.02177	0.02166	1.80E-04	4.63E-05	4.76E-05	1.48E-05	1.42E-05	2.63E-06	2.61E-06	3.0841E-04
608186.19	4200839.95	10258.30073	0.21987	0.22333	0.04463	0.0431	0.02183	0.02172	1.80E-04	4.57E-05	4.70E-05	1.50E-05	1.45E-05	2.64E-06	2.62E-06	3.0757E-04
608186.19	4200847.55	10250.15221	0.21691	0.22036	0.04542	0.04387	0.02189	0.02177	1.80E-04	4.50E-05	4.64E-05	1.53E-05	1.47E-05	2.64E-06	2.62E-06	3.0672E-04
608186.19	4200855.15	10241.39239	0.21397	0.21741	0.04622	0.04465	0.02195	0.02183	1.80E-04	4.44E-05	4.57E-05	1.56E-05	1.50E-05	2.65E-06	2.63E-06	3.0588E-04
608186.19	4200862.75	10231.93661	0.21106	0.21449	0.04702	0.04544	0.022	0.02188	1.80E-04	4.38E-05	4.51E-05	1.58E-05	1.52E-05	2.66E-06	2.64E-06	3.0504E-04
608186.19	4200870.35	10221.77485	0.20818	0.2116	0.04782	0.04623	0.02206	0.02193	1.80E-04	4.32E-05	4.45E-05	1.61E-05	1.55E-05	2.66E-06	2.64E-06	3.0421E-04
608193.06	4200763.95	10232.68089	0.24621	0.2496	0.03686	0.03553	0.02109	0.02101	1.80E-04	5.11E-05	5.25E-05	1.24E-05	1.19E-05	2.55E-06	2.53E-06	3.1278E-04
608193.06	4200771.55	10232.41306	0.24313	0.24653	0.03759	0.03624	0.02117	0.02108	1.80E-04	5.05E-05	5.19E-05	1.27E-05	1.22E-05	2.56E-06	2.54E-06	3.1199E-04
608193.06	4200756.35	10231.96322	0.2493	0.25269	0.03613	0.03483	0.02102	0.02094	1.80E-04	5.18E-05	5.32E-05	1.22E-05	1.17E-05	2.54E-06	2.52E-06	3.1356E-04
608193.06	4200779.15	10230.93516	0.24007	0.24347	0.03833	0.03696	0.02124	0.02114	1.80E-04	4.99E-05	5.12E-05	1.29E-05	1.24E-05	2.56E-06	2.55E-06	3.1119E-04
608193.06	4200748.75	10230.50302	0.2524	0.25578	0.03542	0.03414	0.02095	0.02087	1.80E-04	5.24E-05	5.38E-05	1.19E-05	1.15E-05	2.53E-06	2.52E-06	3.1434E-04
608193.06	4200786.75	10228.46484	0.23701	0.24041	0.03907	0.03768	0.02131	0.02121	1.80E-04	4.92E-05	5.06E-05	1.32E-05	1.26E-05	2.57E-06	2.56E-06	3.1038E-04
608193.06	4200741.15	10228.37438	0.25551	0.25888	0.03471	0.03345	0.02087	0.02079	1.80E-04	5.31E-05	5.45E-05	1.17E-05	1.12E-05	2.52E-06	2.51E-06	3.1511E-04
608193.06	4200794.35	10225.40097	0.23397	0.23738	0.03982	0.03841	0.02137	0.02128	1.80E-04	4.86E-05	4.99E-05	1.34E-05	1.29E-05	2.58E-06	2.56E-06	3.0957E-04
608193.06	4200733.55	10225.12288	0.25862	0.26198	0.03401	0.03278	0.02079	0.02072	1.80E-04	5.37E-05	5.51E-05	1.15E-05	1.10E-05	2.51E-06	2.50E-06	3.1588E-04
608193.06	4200801.95	10221.54231	0.23096	0.23436	0.04058	0.03915	0.02144	0.02134	1.80E-04	4.80E-05	4.93E-05	1.37E-05	1.31E-05	2.59E-06	2.57E-06	3.0876E-04
608193.06	4200809.55	10216.82479	0.22796	0.23136	0.04134	0.03989	0.02151	0.0214	1.79E-04	4.73E-05	4.87E-05	1.39E-05	1.34E-05	2.60E-06	2.58E-06	3.0794E-04
608193.06	4200817.15	10211.51012	0.22498	0.22838	0.0421	0.04064	0.02157	0.02146	1.79E-04	4.67E-05	4.80E-05	1.42E-05	1.36E-05	2.60E-06	2.59E-06	3.0713E-04
608193.06	4200824.75	10205.63818	0.22203	0.22543	0.04287	0.04139	0.02163	0.02152	1.79E-04	4.61E-05	4.74E-05	1.44E-05	1.39E-05	2.61E-06	2.59E-06	3.0632E-04
608193.06	4200832.35	10198.97522	0.2191	0.22249	0.04365	0.04215	0.02169	0.02158	1.79E-04	4.55E-05	4.68E-05	1.47E-05	1.41E-05	2.62E-06	2.60E-06	3.0550E-04
608193.06	4200839.95	10191.36756	0.21619	0.21958	0.04442	0.04291	0.02175	0.02163	1.79E-04	4.49E-05	4.62E-05	1.50E-05	1.44E-05	2.63E-06	2.61E-06	3.0468E-04
608193.06	4200847.55	10183.12196	0.21331	0.21669	0.04521	0.04368	0.02181	0.02169	1.79E-04	4.43E-05	4.56E-05	1.52E-05	1.47E-05	2.63E-06	2.61E-06	3.0387E-04
608193.06	4200855.15	10174.27359	0.21046	0.21382	0.04599	0.04445	0.02186	0.02174	1.79E-04	4.37E-05	4.50E-05	1.55E-05	1.49E-05	2.64E-06	2.62E-06	3.0305E-04
608193.06	4200862.75	10164.74382	0.20763	0.21098	0.04678	0.04522	0.02192	0.02179	1.79E-04	4.31E-05	4.44E-05	1.58E-05	1.52E-05	2.65E-06	2.63E-06	3.0224E-04
608193.06	4200870.35	10154.62802	0.20483	0.20817	0.04757	0.046	0.02197	0.02184	1.78E-04	4.25E-05	4.38E-05	1.60E-05	1.54E-05	2.65E-06	2.63E-06	3.0143E-04
608199.93	4200763.95	10168.16804	0.24174	0.24505	0.03676	0.03545	0.02102	0.02093	1.79E-04	5.02E-05	5.16E-05	1.24E-05	1.19E-05	2.54E-06	2.52E-06	3.0968E-04
608199.93	4200771.55	10167.65094	0.23875	0.24207	0.03748	0.03615	0.02109	0.021	1.79E-04	4.96E-05	5.09E-05	1.26E-05	1.21E-05	2.55E-06	2.53E-06	3.0892E-04
608199.93	4200756.35	10167.60016	0.24473	0.24804	0.03604	0.03476	0.02095	0.02086	1.79E-04	5.08E-05	5.22E-05	1.21E-05	1.17E-05	2.53E-06	2.51E-06	3.1043E-04
608199.93	4200748.75	10166.41283	0.24773	0.25103	0.03533	0.03407	0.02087	0.02079	1.79E-04	5.14E-05	5.28E-05	1.19E-05	1.14E-05	2.52E-06	2.51E-06	3.1118E-04
608199.93	4200779.15	10165.93868	0.23578	0.2391	0.03821	0.03685	0.02116	0.02107	1.79E-04	4.90E-05	5.03E-05	1.29E-05	1.24E-05	2.56E-06	2.54E-06	3.0815E-04
608199.93	4200741.15	10164.68701	0.25074	0.25403	0.03464	0.0334	0.0208	0.02072	1.79E-04	5.21E-05	5.34E-05	1.17E-05	1.12E-05	2.51E-06	2.50E-06	3.1193E-04
608199.93	4200786.75	10163.3566	0.23282	0.23614	0.03894	0.03757	0.02123	0.02113	1.79E-04	4.83E-05	4.97E-05	1.31E-05	1.26E-05	2.56E-06	2.55E-06	3.0737E-04
608199.93	4200733.55	10161.64036	0.25375	0.25703	0.03394	0.03273	0.02072	0.02065	1.78E-04	5.27E-05	5.41E-05	1.14E-05	1.10E-05	2.50E-06	2.49E-06	3.1265E-04
608199.93	4200794.35	10159.99893	0.22987	0.2332	0.03968	0.03829	0.0213	0.0212	1.78E-04	4.77E-05	4.91E-05	1.34E-05	1.28E-05	2.57E-06	2.55E-06	3.0658E-04
608199.93	4200801.95	10155.87366	0.22694	0.23027	0.04042	0.03902	0.02136	0.02126	1.78E-04	4.71E-05	4.84E-05	1.36E-05	1.31E-05	2.58E-06	2.56E-06	3.0580E-04
608199.93	4200809.55	10150.89496	0.22402	0.22735	0.04117	0.03975	0.02143	0.02132	1.78E-04	4.65E-05	4.78E-05	1.39E-05	1.33E-05	2.59E-06	2.57E-06	3.0500E-04
608199.93	4200817.15	10145.3305	0.22113	0.22446	0.04193	0.04049	0.02149	0.02138	1.78E-04	4.59E-05	4.72E-05	1.41E-05	1.36E-05	2.59E-06	2.58E-06	3.0421E-04
608199.93	4200824.75	10139.2251	0.21827	0.22159	0.04269	0.04123	0.02155	0.02144	1.78E-04	4.53E-05	4.66E-05	1.44E-05	1.38E-05	2.60E-06	2.58E-06	3.0343E-04
608199.93	4200832.35	10132.63287	0.21543	0.21874	0.04345	0.04198	0.02161	0.02149	1.78E-04	4.47E-05	4.60E-05	1.46E-05	1.41E-05	2.61E-06	2.59E-06	3.0264E-04
608199.93	4200839.95	10125.02443	0.2126	0.21591	0.04422	0.04273	0.02167	0.02155	1.78E-04	4.41E-05	4.54E-05	1.49E-05	1.43E-05	2.62E-06	2.60E-06	3.0185E-04
608199.93	4200847.55	10116.77672	0.2098	0.2131	0.04499	0.04348	0.02172	0.0216	1.78E-04	4.36E-05	4.48E-05	1.52E-05	1.46E-05	2.62E-06	2.60E-06	3.0106E-04
608199.93	4200855.15	10107.8406	0.20703	0.21031	0.04576	0.04424	0.02178	0.02165	1.78E-04	4.30E-05	4.42E-05	1.54E-05	1.48E-05	2.63E-06	2.61E-06	3.0027E-04
608199.93	4200862.75	10098.2432	0.20428	0.20755	0.04654	0.045	0.02183	0.0217	1.77E-04	4.24E-05	4.37E-05	1.57E-05	1.51E-05	2.64E-06	2.62E-06	2.9948E-04
608199.93	4200870.35	10088.08727	0.20155	0.20482	0.04732	0.04577	0.02188	0.02175	1.77E-04	4.19E-05	4.31E-05	1.59E-05	1.54E-05	2.64E-06	2.62E-06	2.9869E-04
608206.8	4200763.95	10104.0685	0.23737	0.24061	0.03665	0.03536	0.02095	0.02086	1.77E-04	4.93E-05	5.06E-05	1.23E-05	1.19E-05	2.53E-06	2.51E-06	3.0663E-04
608206.8	4200756.35	10103.84623	0.24027	0.24351	0.03595	0.03468	0.02088	0.02079	1.77E-04	4.99E-05	5.12E-05	1.21E-05	1.16E-05	2.52E-06	2.51E-06	3.0736E-04
608206.8	4200771.55	10103.41179	0.23448	0.23773	0.03737	0.03606	0.02102	0.02093	1.77E-04	4.87E-05	5.00E-05	1.26E-05	1.21E-05	2.54E-06	2.52E-06	3.0591E-04
608206.8	4200748.75	10103.11297	0.24318	0.24641	0.03525	0.034	0.0208	0.02072	1.77E-04	5.05E-05	5.18E-05	1.19E-05	1.14E-05	2.51E-06	2.50E-06	3.0808E-04
608206.8	4200741.15	10101.58364	0.2461	0.24932	0.03456	0.03333	0.02073	0.02065	1.77E-04	5.11E-05	5.24E-05	1.16E-05	1.12E-05	2.50E-06	2.49E-06	3.0880E-04
608206.8	4200779.15	10101.57181	0.2316	0.23485	0.03808	0.03676	0.02109	0.02099	1.77E-04	4.81E-05	4.94E-05	1.28E-05	1.23E-05	2.55E-06	2.53E-06	3.0516E-04
608206.8	4200786.75	10098.78515	0.22872	0.23197	0.03881	0.03746	0.02115	0.02106	1.77E-04	4.75E-05	4.88E-05	1.31E-05	1.26E-05	2.55E-06	2.54E-06	3.0441E-04
608206.8	4200733.55	10098.74153	0.24901	0.25222	0.03388	0.03267	0.02065	0.02058	1.77E-04	5.17E-05	5.31E-05	1.14E-05	1.10E-05	2.49E-06	2.48E-06	3.0949E-04
608206.8	4200794.35	10095.23848	0.22586	0.22912	0.03954	0.03817	0.02122	0.02112	1.77E-04	4.69E-05	4.82E-05	1.33E-05	1.28E-05	2.56E-06	2.55E-06	3.0365E-04
608206.8	4200801.95	10090.94707	0.22302	0.22627	0.04027	0.03889	0.02128	0.02118	1.77E-04	4.63E-05	4.76E-05	1.36E-05	1.30E-05	2.57E-06	2.55E-06	3.0289E-04
608206.8	4200809.55	10085.90073	0.22019	0.22344	0.04101	0.03961	0.02135	0.02124	1.77E-04	4.57E-05	4.70E-05	1.38E-05	1.33E-05	2.58E-06	2.56E-06	3.0212E-04
608206.8	4200817.15	10080.09564	0.21738	0.22063	0.04176	0.04034	0.02141	0.0213	1.77E-04	4.51E-05	4.64E-05	1.41E-05	1.35E-05	2.59E-06	2.57E-06	3.0136E-04
608206.8	4200824.75	10073.58113	0.21459	0.21784	0.04251	0.04107	0.02147	0.02136	1.77E-04	4.46E-05	4.58E-05	1.43E-05	1.38E-05	2.59E-06	2.57E-06	3.0059E-04
608206.8	4200832.35	10066.77765	0.21183	0.21507	0.04326	0.0418	0.02153	0.02141	1.77E-04	4.40E-05	4.52E-05	1.46E-05	1.40E-05	2.60E-06	2.58E-06	2.9982E-04
608206.8	4200839.95	10059.3514	0.20909	0.21232	0.04401	0.04254	0.02158	0.02147	1.77E-04	4.34E-05	4.47E-05	1.48E-05	1.43E-05	2.61E-06	2.59E-06	2.9906E-04
608206.8	4200847.55	10051.10951	0.20637	0.20959	0.04477	0.04329	0.02164	0.02152	1.77E-04	4.29E-05	4.41E-05	1.51E-05	1.45E-05	2.61E-06	2.59E-06	2.9830E-04
608206.8	4200855.15	10042.08941	0.20367	0.20688	0.04554	0.04404	0.02169	0.02157	1.76E-04	4.23E-05	4.35E-05	1.53E-05	1.48E-05	2.62E-06	2.60E-06	2.9753E-04
608206.8	4200862.75	10032.43127	0.201	0.2042	0.0463	0.04479	0.02175	0.02162	1.76E-04	4.17E-05	4.30E-05	1.56E-05	1.50E-05	2.63E-06	2.61E-06	2.9676E-04
608206.8	4200870.35	10022.2354	0.19835	0.20154	0.04707	0.04554	0.0218	0.02167	1.76E-04	4.12E-05	4.24E-05	1.59E-05	1.53E-05	2.63E-06	2.61E-06	2.9600E-04
608213.67	4200756.35	10040.69624	0.23593	0.23909	0.03585	0.0346	0.0208	0.02072	1.76E-04	4.90E-05	5.03E-05	1.21E-05	1.16E-05	2.51E-06	2.50E-06	3.0434E-04
608213.67	4200763.95	10040.47803	0.23312	0.23629	0.03655	0.03528	0.02087	0.02079	1.76E-04	4.84E-05	4.97E-05	1.23E-05	1.18E-05	2.52E-06	2.51E-06	3.0365E-04
608213.67	4200748.75	10040.30243	0.23875	0.24191	0.03516	0.03393	0.02073	0.02065	1.76E-04	4.96E-05	5.09E-05	1.18E-05	1.14E-05	2.50E-06	2.49E-06	3.0504E-04
608213.67	4200771.55	10039.59435	0.23032	0.23349	0.03725	0.03596	0.02094	0.02085	1.76E-04	4.78E-05	4.91E-05	1.25E-05	1.21E-05	2.53E-06	2.51E-06	3.0294E-04
608213.67	4200741.15	10039.15397	0.24158	0.24473	0.03448	0.03327	0.02066	0.02058	1.76E-04	5.02E-05	5.15E-05	1.16E-05	1.12E-05	2.49E-06	2.48E-06	3.0573E-04
608213.67	4200779.15	10037.63389	0.22752	0.23069	0.03796	0.03665	0.02101	0.02092	1.76E-04	4.72E-05	4.85E-05	1.28E-05	1.23E-05	2.54E-06	2.52E-06	3.0222E-04
608213.67	4200733.55	10036.51788	0.2444	0.24754	0.03381	0.03261	0.02058	0.02051	1.76E-04	5.08E-05	5.21E-05	1.14E-05	1.09E-05	2.49E-06	2.47E-06	3.0640E-04
608213.67	4200786.75	10034.74366	0.22473	0.22791	0.03868	0.03735	0.02108	0.02098	1.76E-04	4.67E-05	4.79E-05	1.30E-05	1.25E-05	2.55E-06	2.53E-06	3.0150E-04
608213.67	4200794.35	10031.10994	0.22196	0.22514	0.0394	0.03805	0.02114	0.02104	1.76E-04	4.61E-05	4.74E-05	1.33E-05	1.28E-05	2.55E-06	2.54E-06	3.0077E-04
608213.67	4200801.95	10026.65995	0.2192	0.22237	0.04012	0.03876	0.02121	0.0211	1.76E-04	4.55E-05	4.68E-05	1.35E-05	1.30E-05	2.56E-06	2.54E-06	3.0003E-04
608213.67	4200809.55	10021.45804	0.21645	0.21963	0.04085	0.03947	0.02127	0.02116	1.76E-04	4.49E-05	4.62E-05	1.38E-05	1.32E-05	2.57E-06	2.55E-06	2.9929E-04
608213.67	4200817.15	10015.50975	0.21372	0.2169	0.04159	0.04019	0.02133	0.02122	1.76E-04	4.44E-05	4.56E-05	1.40E-05	1.35E-05	2.58E-06	2.56E-06	2.9855E-04
608213.67	4200824.75	10008.87113	0.21101	0.21418	0.04232	0.04091	0.02139	0.02127	1.76E-04	4.38E-05	4.51E-05	1.43E-05	1.37E-05	2.58E-06	2.56E-06	2.9780E-04
608213.67	4200832.35	10001.6825	0.20832	0.21149	0.04307	0.04164	0.02144	0.02133	1.76E-04	4.33E-05	4.45E-05	1.45E-05	1.40E-05	2.59E-06	2.57E-06	2.9706E-04
608213.67	4200839.95	9994.25282	0.20566	0.20882	0.04381	0.04237	0.0215	0.02138	1.76E-04	4.27E-05	4.39E-05	1.48E-05	1.42E-05	2.60E-06	2.58E-06	2.9632E-04
608213.67	4200847.55	9986.10886	0.20302	0.20616	0.04456	0.0431	0.02156	0.02144	1.75E-04	4.22E-05	4.34E-05	1.50E-05	1.45E-05	2.60E-06	2.58E-06	2.9558E-04
608213.67	4200855.15	9977.00934	0.20039	0.20353	0.04531	0.04384	0.02161	0.02149	1.75E-04	4.16E-05	4.28E-05	1.53E-05	1.47E-05	2.61E-06	2.59E-06	2.9484E-04
608213.67	4200862.75	9967.29952	0.19779	0.20092	0.04606	0.04458	0.02166	0.02153	1.75E-04	4.11E-05	4.23E-05	1.55E-05	1.50E-05	2.62E-06	2.59E-06	2.9409E-04
608213.67	4200870.35	9957.0664	0.19521	0.19833	0.04682	0.04532	0.02171	0.02158	1.75E-04	4.05E-05	4.17E-05	1.58E-05	1.52E-05	2.62E-06	2.60E-06	2.9335E-04
608220.54	4200756.35	9978.22829	0.2317	0.23479	0.03576	0.03452	0.02073	0.02065	1.75E-04	4.81E-05	4.94E-05	1.20E-05	1.16E-05	2.50E-06	2.49E-06	3.0139E-04
608220.54	4200748.75	9978.17066	0.23444	0.23752	0.03508	0.03386	0.02066	0.02058	1.75E-04	4.87E-05	5.00E-05	1.18E-05	1.14E-05	2.49E-06	2.48E-06	3.0206E-04

608220.54	4200763.95	9977.58754	0.22897	0.23207	0.03645	0.03519	0.0208	0.02071	1.75E-04	4.75E-05	4.88E-05	1.23E-05	1.18E-05	2.51E-06	2.50E-06	3.0071E-04
608220.54	4200741.15	9977.19971	0.23718	0.24025	0.0344	0.0332	0.02059	0.02051	1.75E-04	4.93E-05	5.05E-05	1.16E-05	1.11E-05	2.49E-06	2.47E-06	3.0272E-04
608220.54	4200771.55	9976.29342	0.22625	0.22935	0.03714	0.03586	0.02087	0.02078	1.75E-04	4.70E-05	4.82E-05	1.25E-05	1.20E-05	2.52E-06	2.50E-06	3.0002E-04
608220.54	4200733.55	9974.86008	0.23991	0.24297	0.03373	0.03256	0.02052	0.02044	1.75E-04	4.98E-05	5.11E-05	1.14E-05	1.09E-05	2.48E-06	2.46E-06	3.0336E-04
608220.54	4200779.15	9974.02754	0.22354	0.22664	0.03784	0.03655	0.02094	0.02084	1.75E-04	4.64E-05	4.77E-05	1.27E-05	1.23E-05	2.53E-06	2.51E-06	2.9933E-04
608220.54	4200786.75	9971.03876	0.22083	0.22394	0.03854	0.03723	0.021	0.0209	1.75E-04	4.59E-05	4.71E-05	1.30E-05	1.25E-05	2.54E-06	2.52E-06	2.9863E-04
608220.54	4200794.35	9967.51608	0.21814	0.22125	0.03926	0.03793	0.02107	0.02097	1.75E-04	4.53E-05	4.65E-05	1.32E-05	1.27E-05	2.54E-06	2.53E-06	2.9794E-04
608220.54	4200801.95	9963.00226	0.21546	0.21857	0.03997	0.03863	0.02113	0.02103	1.75E-04	4.47E-05	4.60E-05	1.35E-05	1.30E-05	2.55E-06	2.53E-06	2.9723E-04
608220.54	4200809.55	9957.64719	0.2128	0.2159	0.04069	0.03933	0.02119	0.02108	1.75E-04	4.42E-05	4.54E-05	1.37E-05	1.32E-05	2.56E-06	2.54E-06	2.9651E-04
608220.54	4200817.15	9951.56365	0.21015	0.21325	0.04141	0.04004	0.02125	0.02114	1.75E-04	4.36E-05	4.49E-05	1.39E-05	1.34E-05	2.57E-06	2.55E-06	2.9579E-04
608220.54	4200824.75	9944.8049	0.20751	0.21061	0.04214	0.04075	0.02131	0.02119	1.75E-04	4.31E-05	4.43E-05	1.42E-05	1.37E-05	2.57E-06	2.55E-06	2.9506E-04
608220.54	4200832.35	9937.33522	0.2049	0.20799	0.04287	0.04147	0.02136	0.02125	1.75E-04	4.25E-05	4.38E-05	1.44E-05	1.39E-05	2.58E-06	2.56E-06	2.9434E-04
608220.54	4200839.95	9929.90306	0.20231	0.20539	0.04361	0.04219	0.02142	0.0213	1.74E-04	4.20E-05	4.32E-05	1.47E-05	1.42E-05	2.59E-06	2.57E-06	2.9363E-04
608220.54	4200847.55	9921.67599	0.19974	0.20281	0.04435	0.04291	0.02147	0.02135	1.74E-04	4.15E-05	4.27E-05	1.49E-05	1.44E-05	2.59E-06	2.57E-06	2.9291E-04
608220.54	4200855.15	9912.59234	0.19718	0.20025	0.04509	0.04364	0.02152	0.0214	1.74E-04	4.09E-05	4.21E-05	1.52E-05	1.46E-05	2.60E-06	2.58E-06	2.9219E-04
608220.54	4200862.75	9902.83882	0.19465	0.19771	0.04583	0.04437	0.02158	0.02145	1.74E-04	4.04E-05	4.16E-05	1.54E-05	1.49E-05	2.61E-06	2.59E-06	2.9146E-04
608220.54	4200870.35	9892.56778	0.19214	0.19519	0.04657	0.0451	0.02162	0.02149	1.74E-04	3.99E-05	4.11E-05	1.57E-05	1.51E-05	2.61E-06	2.59E-06	2.9073E-04
608227.41	4200748.75	9916.5257	0.23024	0.23325	0.03499	0.03379	0.02059	0.02051	1.74E-04	4.78E-05	4.91E-05	1.18E-05	1.13E-05	2.49E-06	2.47E-06	2.9914E-04
608227.41	4200756.35	9916.43999	0.22758	0.23061	0.03566	0.03444	0.02066	0.02057	1.74E-04	4.73E-05	4.85E-05	1.20E-05	1.16E-05	2.49E-06	2.48E-06	2.9849E-04
608227.41	4200741.15	9915.61979	0.23289	0.23589	0.03432	0.03314	0.02052	0.02044	1.74E-04	4.84E-05	4.96E-05	1.16E-05	1.11E-05	2.48E-06	2.46E-06	2.9977E-04
608227.41	4200763.95	9915.47858	0.22493	0.22796	0.03634	0.0351	0.02073	0.02064	1.74E-04	4.67E-05	4.80E-05	1.22E-05	1.18E-05	2.50E-06	2.49E-06	2.9783E-04
608227.41	4200771.55	9913.77987	0.22229	0.22532	0.03703	0.03577	0.02079	0.0207	1.74E-04	4.62E-05	4.74E-05	1.25E-05	1.20E-05	2.51E-06	2.49E-06	2.9717E-04
608227.41	4200733.55	9913.57135	0.23553	0.23853	0.03367	0.0325	0.02045	0.02037	1.74E-04	4.89E-05	5.02E-05	1.13E-05	1.09E-05	2.47E-06	2.45E-06	3.0038E-04
608227.41	4200779.15	9911.12061	0.21965	0.22269	0.03772	0.03644	0.02086	0.02077	1.74E-04	4.56E-05	4.68E-05	1.27E-05	1.22E-05	2.52E-06	2.50E-06	2.9649E-04
608227.41	4200786.75	9907.9481	0.21703	0.22007	0.03841	0.03712	0.02092	0.02083	1.74E-04	4.51E-05	4.63E-05	1.29E-05	1.25E-05	2.53E-06	2.51E-06	2.9582E-04
608227.41	4200794.35	9904.26188	0.21442	0.21746	0.03911	0.0378	0.02099	0.02089	1.74E-04	4.45E-05	4.57E-05	1.32E-05	1.27E-05	2.53E-06	2.52E-06	2.9514E-04
608227.41	4200801.95	9899.87094	0.21182	0.21486	0.03982	0.03849	0.02105	0.02095	1.74E-04	4.40E-05	4.52E-05	1.34E-05	1.29E-05	2.54E-06	2.52E-06	2.9446E-04
608227.41	4200809.55	9894.45831	0.20923	0.21227	0.04053	0.03919	0.02111	0.021	1.74E-04	4.34E-05	4.47E-05	1.37E-05	1.31E-05	2.55E-06	2.53E-06	2.9377E-04
608227.41	4200817.15	9888.25093	0.20665	0.20969	0.04124	0.03989	0.02117	0.02106	1.74E-04	4.29E-05	4.41E-05	1.39E-05	1.34E-05	2.56E-06	2.54E-06	2.9307E-04
608227.41	4200824.75	9881.3757	0.20409	0.20712	0.04196	0.04059	0.02123	0.02111	1.74E-04	4.24E-05	4.36E-05	1.41E-05	1.36E-05	2.56E-06	2.54E-06	2.9237E-04
608227.41	4200832.35	9873.90521	0.20155	0.20457	0.04268	0.0413	0.02128	0.02117	1.73E-04	4.19E-05	4.30E-05	1.44E-05	1.39E-05	2.57E-06	2.55E-06	2.9167E-04
608227.41	4200839.95	9866.10682	0.19903	0.20205	0.04341	0.04201	0.02134	0.02122	1.73E-04	4.13E-05	4.25E-05	1.46E-05	1.41E-05	2.58E-06	2.56E-06	2.9098E-04
608227.41	4200847.55	9857.80228	0.19653	0.19954	0.04413	0.04272	0.02139	0.02127	1.73E-04	4.08E-05	4.20E-05	1.49E-05	1.43E-05	2.58E-06	2.56E-06	2.9028E-04
608227.41	4200855.15	9848.83263	0.19405	0.19705	0.04486	0.04344	0.02144	0.02132	1.73E-04	4.03E-05	4.15E-05	1.51E-05	1.46E-05	2.59E-06	2.57E-06	2.8958E-04
608227.41	4200862.75	9839.03414	0.19159	0.19457	0.04559	0.04416	0.02149	0.02136	1.73E-04	3.98E-05	4.09E-05	1.54E-05	1.48E-05	2.59E-06	2.57E-06	2.8887E-04
608227.41	4200870.35	9828.72773	0.18914	0.19212	0.04633	0.04488	0.02154	0.02141	1.73E-04	3.93E-05	4.04E-05	1.56E-05	1.51E-05	2.60E-06	2.58E-06	2.8817E-04
608234.28	4200748.75	9855.17475	0.22613	0.22908	0.03491	0.03371	0.02052	0.02044	1.73E-04	4.70E-05	4.82E-05	1.18E-05	1.13E-05	2.48E-06	2.46E-06	2.9626E-04
608234.28	4200756.35	9854.95004	0.22356	0.22652	0.03557	0.03436	0.02059	0.0205	1.73E-04	4.64E-05	4.77E-05	1.20E-05	1.15E-05	2.49E-06	2.47E-06	2.9564E-04
608234.28	4200741.15	9854.41361	0.2287	0.23164	0.03425	0.03307	0.02045	0.02037	1.73E-04	4.75E-05	4.87E-05	1.15E-05	1.11E-05	2.47E-06	2.45E-06	2.9686E-04
608234.28	4200763.95	9853.95334	0.221	0.22396	0.03624	0.03501	0.02066	0.02057	1.73E-04	4.59E-05	4.71E-05	1.22E-05	1.17E-05	2.49E-06	2.48E-06	2.9501E-04
608234.28	4200771.55	9852.0447	0.21843	0.2214	0.03692	0.03567	0.02072	0.02063	1.73E-04	4.54E-05	4.66E-05	1.24E-05	1.20E-05	2.50E-06	2.49E-06	2.9437E-04
608234.28	4200779.15	9849.28431	0.21587	0.21884	0.0376	0.03633	0.02079	0.02069	1.73E-04	4.48E-05	4.60E-05	1.27E-05	1.22E-05	2.51E-06	2.49E-06	2.9372E-04
608234.28	4200786.75	9845.74882	0.21332	0.21629	0.03828	0.037	0.02085	0.02075	1.73E-04	4.43E-05	4.55E-05	1.29E-05	1.24E-05	2.52E-06	2.50E-06	2.9306E-04
608234.28	4200794.35	9841.62147	0.21078	0.21375	0.03898	0.03768	0.02091	0.02081	1.73E-04	4.38E-05	4.50E-05	1.31E-05	1.26E-05	2.52E-06	2.51E-06	2.9240E-04
608234.28	4200801.95	9837.35398	0.20826	0.21123	0.03967	0.03836	0.02097	0.02087	1.73E-04	4.32E-05	4.44E-05	1.34E-05	1.29E-05	2.53E-06	2.52E-06	2.9175E-04
608234.28	4200809.55	9831.8877	0.20575	0.20872	0.04037	0.03905	0.02103	0.02093	1.73E-04	4.27E-05	4.39E-05	1.36E-05	1.31E-05	2.54E-06	2.52E-06	2.9109E-04
608234.28	4200817.15	9825.65418	0.20324	0.20621	0.04108	0.03974	0.02109	0.02098	1.73E-04	4.22E-05	4.34E-05	1.38E-05	1.33E-05	2.55E-06	2.53E-06	2.9041E-04
608234.28	4200824.75	9818.58027	0.20075	0.20371	0.04178	0.04043	0.02115	0.02103	1.72E-04	4.17E-05	4.29E-05	1.41E-05	1.36E-05	2.55E-06	2.53E-06	2.8972E-04
608234.28	4200832.35	9811.01782	0.19828	0.20124	0.04249	0.04113	0.0212	0.02109	1.72E-04	4.12E-05	4.23E-05	1.43E-05	1.38E-05	2.56E-06	2.54E-06	2.8905E-04
608234.28	4200839.95	9802.86285	0.19583	0.19877	0.04321	0.04183	0.02125	0.02114	1.72E-04	4.07E-05	4.18E-05	1.46E-05	1.40E-05	2.57E-06	2.55E-06	2.8836E-04
608234.28	4200847.55	9794.39396	0.19339	0.19633	0.04392	0.04253	0.02131	0.02119	1.72E-04	4.02E-05	4.13E-05	1.48E-05	1.43E-05	2.57E-06	2.55E-06	2.8768E-04
608234.28	4200855.15	9785.54697	0.19098	0.19391	0.04464	0.04324	0.02136	0.02123	1.72E-04	3.97E-05	4.08E-05	1.50E-05	1.45E-05	2.58E-06	2.56E-06	2.8701E-04
608234.28	4200862.75	9775.88116	0.18858	0.1915	0.04536	0.04395	0.02141	0.02128	1.72E-04	3.92E-05	4.03E-05	1.53E-05	1.47E-05	2.59E-06	2.56E-06	2.8633E-04
608234.28	4200870.35	9765.62694	0.18621	0.18912	0.04608	0.04466	0.02145	0.02132	1.72E-04	3.87E-05	3.98E-05	1.55E-05	1.50E-05	2.59E-06	2.57E-06	2.8564E-04
608240.38	4200722.19	9795.95592	0.2313	0.23416	0.03258	0.03146	0.02021	0.02014	1.72E-04	4.80E-05	4.93E-05	1.10E-05	1.06E-05	2.44E-06	2.43E-06	2.9575E-04
608240.73	4200729.53	9795.29777	0.22868	0.23155	0.03319	0.03205	0.02028	0.0202	1.72E-04	4.75E-05	4.87E-05	1.12E-05	1.07E-05	2.45E-06	2.43E-06	2.9506E-04
608241.15	4200748.75	9794.2066	0.22213	0.22501	0.03482	0.03364	0.02045	0.02037	1.72E-04	4.61E-05	4.73E-05	1.17E-05	1.13E-05	2.47E-06	2.45E-06	2.9343E-04
608241.15	4200741.15	9793.86377	0.22462	0.2275	0.03417	0.033	0.02038	0.0203	1.72E-04	4.66E-05	4.79E-05	1.15E-05	1.11E-05	2.46E-06	2.45E-06	2.9401E-04
608241.15	4200756.35	9793.85438	0.21964	0.22253	0.03547	0.03427	0.02052	0.02043	1.72E-04	4.56E-05	4.68E-05	1.19E-05	1.15E-05	2.48E-06	2.46E-06	2.9283E-04
608241.15	4200763.95	9792.92109	0.21715	0.22005	0.03614	0.03492	0.02058	0.02049	1.72E-04	4.51E-05	4.63E-05	1.22E-05	1.17E-05	2.49E-06	2.47E-06	2.9223E-04
608241.15	4200771.55	9790.98439	0.21467	0.21757	0.0368	0.03557	0.02065	0.02056	1.72E-04	4.46E-05	4.58E-05	1.24E-05	1.19E-05	2.49E-06	2.48E-06	2.9162E-04
608241.15	4200779.15	9788.03634	0.21218	0.21509	0.03748	0.03623	0.02071	0.02062	1.72E-04	4.41E-05	4.52E-05	1.26E-05	1.22E-05	2.50E-06	2.49E-06	2.9100E-04
608241.15	4200786.75	9784.24173	0.20971	0.21261	0.03816	0.03689	0.02077	0.02068	1.72E-04	4.35E-05	4.47E-05	1.29E-05	1.24E-05	2.51E-06	2.49E-06	2.9036E-04
608241.15	4200794.35	9779.95779	0.20724	0.21014	0.03884	0.03756	0.02084	0.02074	1.72E-04	4.30E-05	4.42E-05	1.31E-05	1.26E-05	2.52E-06	2.50E-06	2.8972E-04
608241.15	4200801.95	9775.44615	0.20479	0.20769	0.03952	0.03823	0.0209	0.02079	1.72E-04	4.25E-05	4.37E-05	1.33E-05	1.28E-05	2.52E-06	2.51E-06	2.8908E-04
608241.15	4200809.55	9769.93472	0.20235	0.20525	0.04021	0.03891	0.02095	0.02085	1.72E-04	4.20E-05	4.32E-05	1.35E-05	1.31E-05	2.53E-06	2.51E-06	2.8844E-04
608241.15	4200817.15	9763.58126	0.19991	0.20281	0.04091	0.03959	0.02101	0.0209	1.71E-04	4.15E-05	4.27E-05	1.38E-05	1.33E-05	2.54E-06	2.52E-06	2.8779E-04
608241.15	4200824.75	9756.49987	0.19749	0.20039	0.0416	0.04027	0.02107	0.02095	1.71E-04	4.10E-05	4.22E-05	1.40E-05	1.35E-05	2.54E-06	2.52E-06	2.8712E-04
608241.15	4200832.35	9748.84897	0.19509	0.19798	0.0423	0.04096	0.02112	0.02101	1.71E-04	4.05E-05	4.16E-05	1.42E-05	1.37E-05	2.55E-06	2.53E-06	2.8646E-04
608241.15	4200839.95	9740.52227	0.1927	0.19558	0.04301	0.04165	0.02117	0.02106	1.71E-04	4.00E-05	4.11E-05	1.45E-05	1.40E-05	2.56E-06	2.54E-06	2.8580E-04
608241.15	4200847.55	9731.80331	0.19033	0.1932	0.04371	0.04234	0.02122	0.0211	1.71E-04	3.95E-05	4.06E-05	1.47E-05	1.42E-05	2.56E-06	2.54E-06	2.8513E-04
608241.15	4200855.15	9722.63601	0.18798	0.19084	0.04442	0.04304	0.02127	0.02115	1.71E-04	3.90E-05	4.01E-05	1.50E-05	1.44E-05	2.57E-06	2.55E-06	2.8447E-04
608241.15	4200862.75	9713.19416	0.18565	0.1885	0.04513	0.04374	0.02132	0.0212	1.71E-04	3.86E-05	3.97E-05	1.52E-05	1.47E-05	2.57E-06	2.55E-06	2.8382E-04
608241.15	4200870.35	9702.9918	0.18334	0.18618	0.04584	0.04444	0.02137	0.02124	1.70E-04	3.81E-05	3.92E-05	1.54E-05	1.49E-05	2.58E-06	2.56E-06	2.8315E-04
608248.02	4200741.15	9734.06265	0.22065	0.22346	0.03409	0.03293	0.02031	0.02023	1.71E-04	4.58E-05	4.70E-05	1.15E-05	1.10E-05	2.45E-06	2.44E-06	2.9122E-04
608248.02	4200748.75	9733.99057	0.21823	0.22105	0.03473	0.03356	0.02038	0.02029	1.71E-04	4.53E-05	4.65E-05	1.17E-05	1.13E-05	2.46E-06	2.45E-06	2.9065E-04
608248.02	4200756.35	9733.51166	0.21582	0.21864	0.03538	0.03419	0.02045	0.02036	1.71E-04	4.48E-05	4.60E-05	1.19E-05	1.15E-05	2.47E-06	2.45E-06	2.9009E-04
608248.02	4200763.95	9732.46144	0.21341	0.21624	0.03603	0.03483	0.02051	0.02042	1.71E-04	4.43E-05	4.55E-05	1.21E-05	1.17E-05	2.48E-06	2.46E-06	2.8951E-04
608248.02	4200771.55	9730.40949	0.21099	0.21383	0.03669	0.03547	0.02058	0.02048	1.71E-04	4.38E-05	4.50E-05	1.24E-05	1.19E-05	2.49E-06	2.47E-06	2.8892E-04
608248.02	4200779.15	9727.27865	0.20858	0.21142	0.03736	0.03612	0.02064	0.02054	1.71E-04	4.33E-05	4.45E-05	1.26E-05	1.21E-05	2.49E-06	2.48E-06	2.8831E-04
608248.02	4200786.75	9723.3231	0.20618	0.20902	0.03803	0.03678	0.0207	0.0206	1.71E-04	4.28E-05	4.40E-05	1.28E-05	1.23E-05	2.50E-06	2.48E-06	2.8770E-04
608248.02	4200794.35	9718.88971	0.20378	0.20662	0.0387	0.03743	0.02076	0.02066	1.71E-04	4.23E-05	4.35E-05	1.30E-05	1.26E-05	2.51E-06	2.49E-06	2.8708E-04
608248.02	4200801.95	9713.95736	0.20139	0.20423	0.03938	0.0381	0.02082	0.02072	1.71E-04	4.18E-05	4.30E-05	1.33E-05	1.28E-05	2.51E-06	2.50E-06	2.8646E-04
608248.02	4200809.55	9708.40852	0.19902	0.20186	0.04006	0.03877	0.02088	0.02077	1.71E-04	4.13E-05	4.25E-05	1.35E-05	1.30E-05	2.52E-06	2.50E-06	2.8584E-04
608248.02	4200817.15	9702.03578	0.19666	0.19949	0.04074	0.03944	0.02093	0.02082	1.70E-04	4.08E-05	4.20E-05	1.37E-05	1.32E-05	2.53E-06	2.51E-06	2.8521E-04
608248.02	4200824.75	9694.94784	0.1943	0.19714	0.04143	0.04011	0.02099	0.02088	1.70E-04	4.03E-05	4.15E-05	1.40E-05	1.35E-05	2.53E-06	2.52E-06	2.8457E-04
608248.02	4200832.35	9687.20866	0.19196	0.19479	0.04212	0.04079	0.02104	0.02093	1.70E-04	3.99E-05	4.10E-05	1.42E-05	1.37E-05	2.54E-06	2.52E-06	2.8392E-04
608248.02	4200839.95	9678.89537	0.18964	0.19246	0.04282	0.04147	0.02109	0.02097	1.70E-04	3.94E-05	4.05E-05	1.44E-05	1.39E-05	2.55E-06	2.53E-06	2.8328E-04
608248.02	4200847.55	9669.93162	0.18733	0.19014	0.04351	0.04216	0.02114	0.02102	1.70E-04	3.89E-05	4.00E-05	1.47E-05	1.41E-05	2.55E-06	2.53E-06	2.8263E-04
608248.02	4200855.15	9660.62788	0.18504	0.18784	0.04421	0.04284	0.02119	0.02107	1.70E-04	3.84E-05	3.95E-05	1.49E-05	1.44E-05	2.56E-06	2.54E-06	2.8198E-04
608248.02	4200862.75	9650.96944	0.18277	0.18556	0.04491	0.04353	0.02124	0.02111	1.70E-04	3.80E-05	3.90E-05	1.51E-05	1.46E-05	2.56E-06	2.54E-06	2.8134E-04
608248.02	4200870.35	9640.90475	0.18052	0.1833	0.0456	0.04422	0.02128	0.02116	1.69E-04	3.75E-05	3.86E-05	1.54E-05	1.48E-05	2.57E-06	2.55E-06	2.8070E-04
608248.07	4200730.93	9732.28118	0.22387	0.22667	0.03323	0.0321	0.02022	0.02014	1.71E-04	4.65E-05	4.77E-05	1.12E-05	1.08E-05	2.44E-06	2.43E-06	2.9195E-04
608248.42	4200723.59	9727.33295	0.22599	0.22877	0.03262	0.03151	0.02014	0.02007	1.71E-04	4.69E-05	4.81E-05	1.10E-05	1.06E-05	2.43E-06	2.42E-06	2.9232E-04
608254.89	4200741.15	9674.90155	0.21678	0.21953	0.034	0.03287	0.02024	0.02016	1.70E-04	4.50E-05	4.62E-05	1.15E-05	1.10E-05	2.44E-06	2.43E-06	2.8849E-04
608254.89	4200748.75	9674.60327	0.21443	0.21719	0.03464	0.03349	0.02031	0.02022	1.70E-04	4.45E-05	4.57E-05	1.17E-05	1.12E-05	2.45E-06	2.44E-06	2.8794E-04
608254.89	4200756.35	9673.82029	0.21209	0.21485	0.03528	0.03411	0.02037	0.02029	1.70E-04	4.40E-05	4.52E-05	1.19E-05	1.14E-05	2.46E-06	2.45E-06	2.8739E-04
608254.89	4200763.95	9672.47297	0.20975	0.21252	0.03593	0.03474	0.02044	0.02035	1.70E-04	4.36E-05	4.47E-05	1.21E-05	1.17E-05	2.47E-06	2.45E-06	2.8683E-04
608254.89	4200771.55	9670.31749	0.20741	0.21018	0.03658	0.03538	0.0205	0.02041	1.70E-04	4.31E-05	4.42E-05	1.23E-05	1.19E-05	2.48E-06	2.46E-06	2.8627E-04
608254.89	4200779.15	9667.09805	0.20507	0.20784	0.03724	0.03602	0.02057	0.02047	1.70E-04	4.26E-05	4.37E-05	1.25E-05	1.21E-05	2.48E-06	2.47E-06	2.8568E-04
608254.89	4200786.75	9663.07652	0.20273	0.20551	0.0379	0.03666	0.02063	0.02053	1.70E-04	4.21E-05	4.32E-05	1.28E-05	1.23E-05	2.49E-06	2.47E-06	2.8509E-04
608254.89	4200794.35	9658.41196	0.2004	0.20318	0.03856	0.03731	0.02068	0.02058	1.70E-04	4.16E-05	4.27E-05	1.30E-05	1.25E-05	2.50E-06	2.48E-06	2.8448E-04
608254.89	4200801.95	9653.06719	0.19808	0.20086	0.03923	0.03797	0.02074	0.02064	1.70E-04	4.11E-05	4.23E-05	1.32E-05	1.27E-05	2.50E-06	2.49E-06	2.8388E-04
608254.89	4200809.55	9647.39737	0.19577	0.19855	0.0399	0.03863	0.0208	0.02069	1.69E-04	4.07E-05	4.18E-05	1.34E-05	1.30E-05	2.51E-06	2.49E-06	2.8328E-04
608254.89	4200817.15	9641.00329	0.19347	0.19625	0.04058	0.03929	0.02085	0.02075	1.69E-04	4.02E-05	4.13E-05	1.37E-05	1.32E-05	2.52E-06	2.50E-06	2.8267E-04
608254.89	4200824.75	9634.00355	0.19119	0.19396	0.04126	0.03996	0.02091	0.0208	1.69E-04	3.97E-05	4.08E-05	1.39E-05	1.34E-05	2.52E-06	2.51E-06	2.8206E-04
608254.89	4200832.35	9626.18134	0.18891	0.19168	0.04194	0.04062	0.02096	0.02085	1.69E-04	3.92E-05	4.03E-05	1.41E-05	1.36E-05	2.53E-06	2.51E-06	2.8143E-04
608254.89	4200839.95	9617.79409	0.18665	0.18941	0.04262	0.0413	0.02101	0.02089	1.69E-04	3.88E-05	3.98E-05	1.44E-05	1.39E-05	2.54E-06	2.52E-06	2.8080E-04
608254.89	4200847.55	9608.85575	0.1844	0.18715	0.04331	0.04197	0.02106	0.02094	1.69E-04	3.83E-05	3.94E-05	1.46E-05	1.41E-05	2.54E-06	2.52E-06	2.8017E-04
608254.89	4200855.15	9599.33225	0.18217	0.18491	0.04399	0.04265	0.02111	0.02099	1.69E-04	3.78E-05	3.89E-05	1.48E-05	1.43E-05	2.55E-06	2.53E-06	2.7954E-04
608254.89	4200862.75	9589.46253	0.17996	0.18269	0.04468	0.04333	0.02115	0.02103	1.68E-04	3.74E-05	3.84E-05	1.50E-05	1.45E-05	2.55E-06	2.53E-06	2.7891E-04
608254.89	4200870.35	9579.36366	0.17777	0.18049	0.04537	0.04401	0.0212	0.02107	1.68E-04	3.69E-05	3.80E-05	1.53E-05	1.48E-05	2.56E-06	2.54E-06	2.7829E-04
608255.41	4200731.98	9669.59755	0.21931	0.22205	0.03324	0.03212	0.02015	0.02008	1.70E-04	4.55E-05	4.67E-05	1.12E-05	1.08E-05	2.43E-06	2.42E-06	2.8892E-04
608255.76	4200725.34	9665.05931	0.22115	0.22387	0.03269	0.03159	0.02009	0.02001	1.70E-04	4.59E-05	4.71E-05	1.10E-05	1.06E-05	2.43E-06	2.41E-06	2.8923E-04
608261.76	4200741.15	9616.28712	0.21301	0.2157	0.03392	0.0328	0.02017	0.02009	1.69E-04	4.42E-05	4.54E-05	1.14E-05	1.10E-05	2.44E-06	2.42E-06	2.8580E-04
608261.76	4200748.75	9615.85727	0.21073	0.21343	0.03455	0.03341	0.02024	0.02016	1.69E-04	4.38E-05	4.49E-05	1.16E-05	1.12E-05	2.44E-06	2.43E-06	2.8528E-04
608261.76	4200756.35	9614.68859	0.20845	0.21116	0.03518	0.03403	0.0203	0.02022	1.69E-04	4.33E-05	4.44E-05	1.18E-05	1.14E-05	2.45E-06	2.44E-06	2.8474E-04
608261.76	4200763.95	9612.95237	0.20618	0.20889	0.03582	0.03465	0.02037	0.02028	1.69E-04	4.28E-05	4.39E-05	1.21E-05	1.16E-05	2.46E-06	2.44E-06	2.8420E-04
608261.76	4200771.55	9610.70073	0.20391	0.20662	0.03647	0.03528	0.02043	0.02034	1.69E-04	4.23E-05	4.35E-05	1.23E-05	1.18E-05	2.47E-06	2.45E-06	2.8365E-04
608261.76	4200779.15	9607.40546	0.20163	0.20435	0.03711	0.03591	0.02049	0.0204	1.69E-04	4.19E-05	4.30E-05	1.25E-05	1.20E-05	2.47E-06	2.46E-06	2.8309E-04
608261.76	4200786.75	9603.31846	0.19937	0.20208	0.03777	0.03655	0.02055	0.02045	1.69E-04	4.14E-05	4.25E-05	1.27E-05	1.23E-05	2.48E-06	2.46E-06	2.8252E-04
608261.76	4200794.35	9598.51337	0.1971	0.19982	0.03842	0.03719	0.02061	0.02051	1.69E-04	4.09E-05	4.20E-05	1.29E-05	1.25E-05	2.49E-06	2.47E-06	2.8194E-04
608261.76	4200801.95	9592.94747	0.19484	0.19756	0.03908	0.03784	0.02067	0.02056	1.68E-04	4.05E-05	4.16E-05	1.32E-05	1.27E-05	2.50E-06	2.48E-06	2.8135E-04
608261.76	4200809.55	9586.98357	0.1926	0.19531	0.03975	0.03849	0.02072	0.02062	1.68E-04	4.00E-05	4.11E-05	1.34E-05	1.29E-05	2.50E-06	2.49E-06	2.8076E-04
608261.76	4200817.15	9580.47894	0.19036	0.19307	0.04041	0.03914	0.02078	0.02067	1.68E-04	3.95E-05	4.06E-05	1.36E-05	1.31E-05	2.51E-06	2.49E-06	2.8016E-04
608261.76	4200824.75	9573.5672	0.18814	0.19085	0.04108	0.0398	0.02083	0.02072	1.68E-04	3.91E-05	4.01E-05	1.38E-05	1.33E-05	2.52E-06	2.50E-06	2.7957E-04
608261.76	4200832.35	9565.75526	0.18593	0.18863	0.04175	0.04046	0.02088	0.02077	1.68E-04	3.86E-05	3.97E-05	1.41E-05	1.36E-05	2.52E-06	2.50E-06	2.7897E-04
608261.76	4200839.95	9557.30013	0.18373	0.18642	0.04243	0.04112	0.02093	0.02081	1.68E-04	3.82E-05	3.92E-05	1.43E-05	1.38E-05	2.53E-06	2.51E-06	2.7836E-04
608261.76	4200847.55	9548.30529	0.18154	0.18423	0.0431	0.04179	0.02098	0.02086	1.68E-04	3.77E-05	3.88E-05	1.45E-05	1.40E-05	2.53E-06	2.51E-06	2.7775E-04
608261.76	4200855.15	9538.82755	0.17937	0.18205	0.04378	0.04245	0.02103	0.0209	1.68E-04	3.72E-05	3.83E-05	1.47E-05	1.42E-05	2.54E-06	2.52E-06	2.7713E-04
608261.76	4200862.75	9528.7489	0.17721	0.17988	0.04446	0.04312	0.02107	0.02095	1.67E-04	3.68E-05	3.78E-05	1.50E-05	1.45E-05	2.54E-06	2.52E-06	2.7652E-04
608261.76	4200870.35	9518.45066	0.17507	0.17773	0.04514	0.0438	0.02112	0.02099	1.67E-04	3.64E-05	3.74E-05	1.52E-05	1.47E-05	2.55E-06	2.53E-06	2.7591E-04
608268.63	4200741.15	9557.74962	0.20932	0.21195	0.03384	0.03273	0.0201	0.02002	1.68E-04	4.35E-05	4.46E-05	1.14E-05	1.10E-05	2.43E-06	2.41E-06	2.8315E-04
608268.63	4200748.75	9557.28778	0.20711	0.20975	0.03446	0.03333	0.02017	0.02009	1.68E-04	4.30E-05	4.41E-05	1.16E-05	1.12E-05	2.44E-06	2.42E-06	2.8265E-04
608268.63	4200756.35	9556.10653	0.20491	0.20755	0.03508	0.03394	0.02023	0.02015	1.68E-04	4.26E-05	4.37E-05	1.18E-05	1.14E-05	2.44E-06	2.43E-06	2.8213E-04
608268.63	4200763.95	9554.07661	0.20269	0.20535	0.03572	0.03456	0.0203	0.02021	1.68E-04	4.21E-05	4.32E-05	1.20E-05	1.16E-05	2.45E-06	2.44E-06	2.8161E-04
608268.63	4200771.55	9551.82203	0.20049	0.20315	0.03635	0.03518	0.02036	0.02027	1.68E-04	4.16E-05	4.27E-05	1.22E-05	1.18E-05	2.46E-06	2.44E-06	2.8109E-04
608268.63	4200779.15	9548.367	0.19828	0.20094	0.03699	0.03581	0.02042	0.02032	1.68E-04	4.12E-05	4.23E-05	1.25E-05	1.20E-05	2.47E-06	2.45E-06	2.8055E-04
608268.63	4200786.75	9544.12785	0.19608	0.19874	0.03764	0.03644	0.02048	0.02038	1.68E-04	4.07E-05	4.18E-05	1.27E-05	1.22E-05	2.47E-06	2.46E-06	2.8000E-04
608268.63	4200794.35	9539.18592	0.19388	0.19654	0.03828	0.03707	0.02054	0.02043	1.68E-04	4.03E-05	4.13E-05	1.29E-05	1.24E-05	2.48E-06	2.46E-06	2.7943E-04
608268.63	4200801.95	9533.58359	0.19168	0.19434	0.03893	0.03771	0.02059	0.02049	1.67E-04	3.98E-05	4.09E-05	1.31E-05	1.26E-05	2.49E-06	2.47E-06	2.7886E-04
608268.63	4200809.55	9527.24443	0.1895	0.19215	0.03959	0.03835	0.02065	0.02054	1.67E-04	3.94E-05	4.04E-05	1.33E-05	1.29E-05	2.49E-06	2.48E-06	2.7828E-04
608268.63	4200817.15	9520.63652	0.18732	0.18998	0.04025	0.03899	0.0207	0.02059	1.67E-04	3.89E-05	4.00E-05	1.36E-05	1.31E-05	2.50E-06	2.48E-06	2.7771E-04
608268.63	4200824.75	9513.80838	0.18516	0.18781	0.04091	0.03964	0.02075	0.02064	1.67E-04	3.85E-05	3.95E-05	1.38E-05	1.33E-05	2.51E-06	2.49E-06	2.7713E-04
608268.63	4200832.35	9505.9267	0.18301	0.18565	0.04157	0.04029	0.0208	0.02069	1.67E-04	3.80E-05	3.91E-05	1.40E-05	1.35E-05	2.51E-06	2.49E-06	2.7655E-04
608268.63	4200839.95	9497.40682	0.18087	0.1835	0.04224	0.04095	0.02085	0.02073	1.67E-04	3.76E-05	3.86E-05	1.42E-05	1.37E-05	2.52E-06	2.50E-06	2.7596E-04
608268.63	4200847.55	9488.35892	0.17874	0.18137	0.0429	0.0416	0.0209	0.02078	1.67E-04	3.71E-05	3.82E-05	1.44E-05	1.40E-05	2.52E-06	2.50E-06	2.7536E-04
608268.63	4200855.15	9478.84143	0.17662	0.17924	0.04357	0.04226	0.02095	0.02082	1.66E-04	3.67E-05	3.77E-05	1.47E-05	1.42E-05	2.53E-06	2.51E-06	2.7476E-04
608268.63	4200862.75	9468.82005	0.17452	0.17713	0.04424	0.04292	0.02099	0.02086	1.66E-04	3.62E-05	3.73E-05	1.49E-05	1.44E-05	2.53E-06	2.51E-06	2.7417E-04
608268.63	4200870.35	9458.33222	0.17244	0.17504	0.04491	0.04358	0.02103	0.02091	1.66E-04	3.58E-05	3.68E-05	1.51E-05	1.46E-05	2.54E-06	2.52E-06	2.7357E-04
608275.5	4200733.55	9499.8282	0.20786	0.21043	0.03315	0.03206	0.01997	0.01989	1.67E-04	4.32E-05	4.43E-05	1.12E-05	1.08E-05	2.41E-06	2.40E-06	2.8102E-04
608275.5	4200741.15	9499.74887	0.20572	0.2083	0.03375	0.03266	0.02003	0.01995	1.67E-04	4.27E-05	4.38E-05	1.14E-05	1.10E-05	2.42E-06	2.40E-06	2.8055E-04
608275.5	4200748.75	9499.34432	0.20359	0.20617	0.03437	0.03325	0.0201	0.02002	1.67E-04	4.23E-05	4.34E-05	1.16E-05	1.12E-05	2.43E-06	2.41E-06	2.8007E-04
608275.5	4200756.35	9498.14991	0.20144	0.20403	0.03499	0.03386	0.02016	0.02008	1.67E-04	4.18E-05	4.29E-05	1.18E-05	1.14E-05	2.43E-06	2.42E-06	2.7958E-04
608275.5	4200763.95	9496.01753	0.1993	0.20189	0.03561	0.03447	0.02023	0.02014	1.67E-04	4.14E-05	4.25E-05	1.20E-05	1.16E-05	2.44E-06	2.43E-06	2.7908E-04
608275.5	4200771.55	9493.31636	0.19715	0.19975	0.03624	0.03508	0.02029	0.02019	1.67E-04	4.09E-05	4.20E-05	1.22E-05	1.18E-05	2.45E-06	2.43E-06	2.7856E-04
608275.5	4200779.15	9489.79778	0.19501	0.19761	0.03687	0.0357	0.02035	0.02025	1.67E-04	4.05E-05	4.16E-05	1.24E-05	1.20E-05	2.46E-06	2.44E-06	2.7804E-04
608275.5	4200786.75	9485.50151	0.19287	0.19547	0.03751	0.03632	0.0204	0.02031	1.67E-04	4.01E-05	4.11E-05	1.26E-05	1.22E-05	2.46E-06	2.45E-06	2.7751E-04
608275.5	4200794.35	9480.42712	0.19073	0.19333	0.03814	0.03695	0.02046	0.02036	1.67E-04	3.96E-05	4.07E-05	1.28E-05	1.24E-05	2.47E-06	2.45E-06	2.7696E-04
608275.5	4200801.95	9474.70312	0.1886	0.1912	0.03879	0.03758	0.02052	0.02041	1.66E-04	3.92E-05	4.02E-05	1.31E-05	1.26E-05	2.48E-06	2.46E-06	2.7641E-04
608275.5	4200809.55	9468.34571	0.18647	0.18907	0.03943	0.03821	0.02057	0.02046	1.66E-04	3.87E-05	3.98E-05	1.33E-05	1.28E-05	2.48E-06	2.47E-06	2.7585E-04
608275.5	4200817.15	9461.5538	0.18435	0.18695	0.04008	0.03885	0.02062	0.02051	1.66E-04	3.83E-05	3.93E-05	1.35E-05	1.30E-05	2.49E-06	2.47E-06	2.7529E-04
608275.5	4200824.75	9454.46179	0.18225	0.18484	0.04073	0.03949	0.02067	0.02056	1.66E-04	3.78E-05	3.89E-05	1.37E-05	1.32E-05	2.50E-06	2.48E-06	2.7473E-04
608275.5	4200832.35	9446.59858	0.18016	0.18274	0.04139	0.04013	0.02072	0.02061	1.66E-04	3.74E-05	3.84E-05	1.39E-05	1.35E-05	2.50E-06	2.48E-06	2.7417E-04
608275.5	4200839.95	9438.10845	0.17807	0.18065	0.04204	0.04078	0.02077	0.02066	1.66E-04	3.70E-05	3.80E-05	1.42E-05	1.37E-05	2.51E-06	2.49E-06	2.7359E-04
608275.5	4200847.55	9429.00972	0.176	0.17857	0.0427	0.04142	0.02082	0.0207	1.66E-04	3.65E-05	3.76E-05	1.44E-05	1.39E-05	2.51E-06	2.49E-06	2.7301E-04
608275.5	4200855.15	9419.45429	0.17394	0.1765	0.04336	0.04207	0.02086	0.02074	1.65E-04	3.61E-05	3.71E-05	1.46E-05	1.41E-05	2.52E-06	2.50E-06	2.7243E-04
608275.5	4200862.75	9409.40313	0.17189	0.17444	0.04402	0.04272	0.02091	0.02078	1.65E-04	3.57E-05	3.67E-05	1.48E-05	1.43E-05	2.52E-06	2.50E-06	2.7185E-04
608275.5	4200870.35	9398.90387	0.16986	0.1724	0.04468	0.04338	0.02095	0.02082	1.65E-04	3.53E-05	3.63E-05	1.50E-05	1.46E-05	2.53E-06	2.51E-06	2.7127E-04
608282.37	4200733.55	9443.10275	0.2043	0.20681	0.03307	0.032	0.0199	0.01982	1.66E-04	4.24E-05	4.35E-05	1.11E-05	1.07E-05	2.40E-06	2.39E-06	2.7846E-04
608282.37	4200741.15	9442.72408	0.20222	0.20474	0.03367	0.03258	0.01997	0.01988	1.66E-04	4.20E-05	4.31E-05	1.13E-05	1.09E-05	2.41E-06	2.40E-06	2.7800E-04
608282.37	4200748.75	9442.02756	0.20014	0.20267	0.03428	0.03318	0.02003	0.01995	1.66E-04	4.16E-05	4.26E-05	1.15E-05	1.11E-05	2.42E-06	2.40E-06	2.7754E-04
608282.37	4200756.35	9440.63584	0.19806	0.2006	0.03489	0.03377	0.02009	0.02001	1.66E-04	4.11E-05	4.22E-05	1.18E-05	1.13E-05	2.43E-06	2.41E-06	2.7707E-04
608282.37	4200763.95	9438.32018	0.19598	0.19852	0.0355	0.03437	0.02015	0.02006	1.66E-04	4.07E-05	4.18E-05	1.20E-05	1.15E-05	2.43E-06	2.42E-06	2.7658E-04
608282.37	4200771.55	9435.19048	0.19389	0.19644	0.03612	0.03498	0.02021	0.02012	1.66E-04	4.03E-05	4.13E-05	1.22E-05	1.17E-05	2.44E-06	2.42E-06	2.7608E-04
608282.37	4200779.15	9431.60128	0.19181	0.19436	0.03675	0.03559	0.02027	0.02018	1.66E-04	3.98E-05	4.09E-05	1.24E-05	1.19E-05	2.45E-06	2.43E-06	2.7558E-04
608282.37	4200786.75	9427.34066	0.18973	0.19228	0.03738	0.03621	0.02033	0.02023	1.66E-04	3.94E-05	4.05E-05	1.26E-05	1.21E-05	2.45E-06	2.44E-06	2.7507E-04
608282.37	4200794.35	9422.31531	0.18766	0.1902	0.03801	0.03682	0.02039	0.02029	1.66E-04	3.90E-05	4.00E-05	1.28E-05	1.23E-05	2.46E-06	2.45E-06	2.7454E-04
608282.37	4200801.95	9416.4767	0.18558	0.18813	0.03864	0.03745	0.02044	0.02034	1.65E-04	3.85E-05	3.96E-05	1.30E-05	1.26E-05	2.47E-06	2.45E-06	2.7401E-04
608282.37	4200809.55	9409.92988	0.18351	0.18605	0.03928	0.03807	0.02049	0.02039	1.65E-04	3.81E-05	3.91E-05	1.32E-05	1.28E-05	2.47E-06	2.46E-06	2.7346E-04
608282.37	4200817.15	9402.95744	0.18145	0.18399	0.03992	0.0387	0.02055	0.02044	1.65E-04	3.77E-05	3.87E-05	1.34E-05	1.30E-05	2.48E-06	2.46E-06	2.7292E-04
608282.37	4200824.75	9395.44062	0.1794	0.18194	0.04056	0.03933	0.0206	0.02048	1.65E-04	3.73E-05	3.83E-05	1.37E-05	1.32E-05	2.49E-06	2.47E-06	2.7237E-04
608282.37	4200832.35	9387.85863	0.17736	0.1799	0.04121	0.03997	0.02065	0.02053	1.65E-04	3.68E-05	3.78E-05	1.39E-05	1.34E-05	2.49E-06	2.47E-06	2.7183E-04
608282.37	4200839.95	9379.39252	0.17534	0.17786	0.04185	0.0406	0.02069	0.02058	1.65E-04	3.64E-05	3.74E-05	1.41E-05	1.36E-05	2.50E-06	2.48E-06	2.7127E-04
608282.37	4200847.55	9370.24971	0.17332	0.17583	0.0425	0.04124	0.02074	0.02062	1.65E-04	3.60E-05	3.70E-05	1.43E-05	1.38E-05	2.50E-06	2.49E-06	2.7070E-04
608282.37	4200855.15	9360.65723	0.17131	0.17382	0.04315	0.04188	0.02078	0.02066	1.64E-04	3.56E-05	3.66E-05	1.45E-05	1.40E-05	2.51E-06	2.49E-06	2.7014E-04
608282.37	4200862.75	9350.58327	0.16932	0.17181	0.0438	0.04253	0.02083	0.0207	1.64E-04	3.52E-05	3.61E-05	1.48E-05	1.43E-05	2.52E-06	2.49E-06	2.6957E-04
608282.37	4200870.35	9340.07314	0.16734	0.16982	0.04445	0.04317	0.02087	0.02074	1.64E-04	3.47E-05	3.57E-05	1.50E-05	1.45E-05	2.52E-06	2.50E-06	2.6900E-04
608289.24	4200733.55	9387.07089	0.20082	0.20328	0.03299	0.03193	0.01984	0.01976	1.65E-04	4.17E-05	4.28E-05	1.11E-05	1.07E-05	2.40E-06	2.38E-06	2.7595E-04
608289.24	4200741.15	9386.39451	0.1988	0.20127	0.03359	0.03251	0.0199	0.01982	1.65E-04	4.13E-05	4.23E-05	1.13E-05	1.09E-05	2.40E-06	2.39E-06	2.7550E-04
608289.24	4200748.75	9385.23675	0.19678	0.19926	0.03419	0.0331	0.01996	0.01988	1.65E-04	4.09E-05	4.19E-05	1.15E-05	1.11E-05	2.41E-06	2.40E-06	2.7505E-04
608289.24	4200756.35	9383.47253	0.19476	0.19724	0.03479	0.03369	0.02002	0.01994	1.65E-04	4.04E-05	4.15E-05	1.17E-05	1.13E-05	2.42E-06	2.40E-06	2.7459E-04
608289.24	4200763.95	9381.16006	0.19274	0.19523	0.0354	0.03428	0.02008	0.01999	1.65E-04	4.00E-05	4.11E-05	1.19E-05	1.15E-05	2.42E-06	2.41E-06	2.7413E-04
608289.24	4200771.55	9377.87356	0.19071	0.1932	0.03601	0.03488	0.02014	0.02005	1.65E-04	3.96E-05	4.06E-05	1.21E-05	1.17E-05	2.43E-06	2.42E-06	2.7364E-04
608289.24	4200779.15	9373.95147	0.18869	0.19118	0.03662	0.03548	0.0202	0.02011	1.65E-04	3.92E-05	4.02E-05	1.23E-05	1.19E-05	2.44E-06	2.42E-06	2.7315E-04
608289.24	4200786.75	9369.46769	0.18666	0.18916	0.03724	0.03609	0.02026	0.02016	1.65E-04	3.88E-05	3.98E-05	1.25E-05	1.21E-05	2.45E-06	2.43E-06	2.7265E-04

608289.24	4200794.35	9364.58316	0.18465	0.18714	0.03787	0.0367	0.02031	0.02021	1.64E-04	3.83E-05	3.94E-05	1.28E-05	1.23E-05	2.45E-06	2.44E-06	2.7215E-04
608289.24	4200801.95	9358.64065	0.18263	0.18512	0.03849	0.03732	0.02037	0.02026	1.64E-04	3.79E-05	3.89E-05	1.30E-05	1.25E-05	2.46E-06	2.44E-06	2.7163E-04
608289.24	4200809.55	9352.16178	0.18062	0.18311	0.03912	0.03793	0.02042	0.02031	1.64E-04	3.75E-05	3.85E-05	1.32E-05	1.27E-05	2.47E-06	2.45E-06	2.7111E-04
608289.24	4200817.15	9344.93118	0.17861	0.1811	0.03975	0.03855	0.02047	0.02036	1.64E-04	3.71E-05	3.81E-05	1.34E-05	1.29E-05	2.47E-06	2.45E-06	2.7057E-04
608289.24	4200824.75	9337.25631	0.17661	0.1791	0.04039	0.03918	0.02052	0.02041	1.64E-04	3.67E-05	3.77E-05	1.36E-05	1.31E-05	2.48E-06	2.46E-06	2.7004E-04
608289.24	4200832.35	9329.69387	0.17463	0.17711	0.04103	0.03981	0.02057	0.02045	1.64E-04	3.63E-05	3.73E-05	1.38E-05	1.34E-05	2.48E-06	2.46E-06	2.6952E-04
608289.24	4200839.95	9321.25436	0.17266	0.17513	0.04166	0.04043	0.02061	0.0205	1.64E-04	3.59E-05	3.68E-05	1.40E-05	1.36E-05	2.49E-06	2.47E-06	2.6897E-04
608289.24	4200847.55	9312.15362	0.17069	0.17316	0.0423	0.04106	0.02066	0.02054	1.64E-04	3.54E-05	3.64E-05	1.42E-05	1.38E-05	2.49E-06	2.48E-06	2.6843E-04
608289.24	4200855.15	9302.44336	0.16874	0.17119	0.04294	0.0417	0.0207	0.02058	1.63E-04	3.50E-05	3.60E-05	1.45E-05	1.40E-05	2.50E-06	2.48E-06	2.6788E-04
608289.24	4200862.75	9292.35001	0.16679	0.16924	0.04359	0.04233	0.02075	0.02062	1.63E-04	3.46E-05	3.56E-05	1.47E-05	1.42E-05	2.51E-06	2.49E-06	2.6733E-04
608289.24	4200870.35	9281.82957	0.16487	0.1673	0.04423	0.04296	0.02079	0.02066	1.63E-04	3.42E-05	3.52E-05	1.49E-05	1.44E-05	2.51E-06	2.49E-06	2.6677E-04
608296.11	4200733.55	9331.36512	0.19743	0.19983	0.03292	0.03187	0.01977	0.01969	1.64E-04	4.10E-05	4.20E-05	1.11E-05	1.07E-05	2.39E-06	2.37E-06	2.7348E-04
608296.11	4200741.15	9330.65876	0.19547	0.19789	0.0335	0.03244	0.01983	0.01975	1.64E-04	4.06E-05	4.16E-05	1.13E-05	1.09E-05	2.39E-06	2.38E-06	2.7305E-04
608296.11	4200748.75	9329.13449	0.19351	0.19593	0.03409	0.03302	0.01989	0.01981	1.64E-04	4.02E-05	4.12E-05	1.15E-05	1.11E-05	2.40E-06	2.39E-06	2.7261E-04
608296.11	4200756.35	9327.0985	0.19154	0.19397	0.03469	0.0336	0.01995	0.01987	1.64E-04	3.98E-05	4.08E-05	1.17E-05	1.13E-05	2.41E-06	2.39E-06	2.7217E-04
608296.11	4200763.95	9324.35747	0.18957	0.19201	0.03529	0.03419	0.02001	0.01992	1.64E-04	3.94E-05	4.04E-05	1.19E-05	1.15E-05	2.42E-06	2.40E-06	2.7171E-04
608296.11	4200771.55	9321.0897	0.18761	0.19004	0.0359	0.03478	0.02007	0.01998	1.64E-04	3.90E-05	4.00E-05	1.21E-05	1.17E-05	2.42E-06	2.41E-06	2.7125E-04
608296.11	4200779.15	9316.9288	0.18564	0.18807	0.0365	0.03538	0.02013	0.02003	1.64E-04	3.85E-05	3.96E-05	1.23E-05	1.19E-05	2.43E-06	2.41E-06	2.7077E-04
608296.11	4200786.75	9312.23253	0.18367	0.18611	0.03712	0.03598	0.02018	0.02009	1.64E-04	3.81E-05	3.92E-05	1.25E-05	1.21E-05	2.44E-06	2.42E-06	2.7029E-04
608296.11	4200794.35	9307.1439	0.18171	0.18415	0.03773	0.03658	0.02024	0.02014	1.63E-04	3.77E-05	3.87E-05	1.27E-05	1.23E-05	2.44E-06	2.43E-06	2.6980E-04
608296.11	4200801.95	9301.18365	0.17974	0.18218	0.03835	0.03719	0.02029	0.02019	1.63E-04	3.73E-05	3.83E-05	1.29E-05	1.25E-05	2.45E-06	2.43E-06	2.6930E-04
608296.11	4200809.55	9294.69519	0.17779	0.18022	0.03897	0.0378	0.02034	0.02024	1.63E-04	3.69E-05	3.79E-05	1.31E-05	1.27E-05	2.46E-06	2.44E-06	2.6879E-04
608296.11	4200817.15	9287.54872	0.17584	0.17827	0.03959	0.03841	0.02039	0.02028	1.63E-04	3.65E-05	3.75E-05	1.33E-05	1.29E-05	2.46E-06	2.44E-06	2.6827E-04
608296.11	4200824.75	9279.8082	0.17389	0.17632	0.04022	0.03902	0.02044	0.02033	1.63E-04	3.61E-05	3.71E-05	1.35E-05	1.31E-05	2.47E-06	2.45E-06	2.6775E-04
608296.11	4200832.35	9272.01242	0.17196	0.17439	0.04085	0.03964	0.02049	0.02038	1.63E-04	3.57E-05	3.67E-05	1.38E-05	1.33E-05	2.47E-06	2.46E-06	2.6724E-04
608296.11	4200839.95	9263.60093	0.17004	0.17246	0.04148	0.04026	0.02054	0.02042	1.63E-04	3.53E-05	3.63E-05	1.40E-05	1.35E-05	2.48E-06	2.46E-06	2.6672E-04
608296.11	4200847.55	9254.54912	0.16813	0.17054	0.04211	0.04089	0.02058	0.02046	1.63E-04	3.49E-05	3.59E-05	1.42E-05	1.37E-05	2.49E-06	2.47E-06	2.6619E-04
608296.11	4200855.15	9244.88861	0.16622	0.16862	0.04274	0.04151	0.02062	0.0205	1.62E-04	3.45E-05	3.55E-05	1.44E-05	1.39E-05	2.49E-06	2.47E-06	2.6565E-04
608296.11	4200862.75	9234.77797	0.16433	0.16672	0.04337	0.04213	0.02067	0.02054	1.62E-04	3.41E-05	3.51E-05	1.46E-05	1.41E-05	2.50E-06	2.48E-06	2.6511E-04
608296.11	4200870.35	9224.24828	0.16245	0.16483	0.04401	0.04276	0.02071	0.02058	1.62E-04	3.37E-05	3.47E-05	1.48E-05	1.43E-05	2.50E-06	2.48E-06	2.6458E-04
608302.98	4200733.55	9275.89636	0.19411	0.19647	0.03284	0.0318	0.0197	0.01962	1.63E-04	4.03E-05	4.13E-05	1.11E-05	1.07E-05	2.38E-06	2.36E-06	2.7104E-04
608302.98	4200741.15	9275.2537	0.19221	0.19458	0.03342	0.03237	0.01977	0.01968	1.63E-04	3.99E-05	4.09E-05	1.13E-05	1.09E-05	2.39E-06	2.37E-06	2.7064E-04
608302.98	4200748.75	9273.80375	0.19031	0.19268	0.034	0.03294	0.01983	0.01974	1.63E-04	3.95E-05	4.05E-05	1.15E-05	1.10E-05	2.39E-06	2.38E-06	2.7022E-04
608302.98	4200756.35	9271.41182	0.1884	0.19078	0.03459	0.03351	0.01989	0.0198	1.63E-04	3.91E-05	4.01E-05	1.16E-05	1.12E-05	2.40E-06	2.39E-06	2.6979E-04
608302.98	4200763.95	9268.25382	0.18648	0.18886	0.03518	0.03409	0.01994	0.01985	1.63E-04	3.87E-05	3.97E-05	1.18E-05	1.14E-05	2.41E-06	2.39E-06	2.6933E-04
608302.98	4200771.55	9264.83184	0.18457	0.18696	0.03578	0.03468	0.02	0.01991	1.63E-04	3.83E-05	3.93E-05	1.21E-05	1.16E-05	2.41E-06	2.40E-06	2.6889E-04
608302.98	4200779.15	9260.6114	0.18266	0.18504	0.03638	0.03527	0.02006	0.01996	1.63E-04	3.79E-05	3.89E-05	1.23E-05	1.18E-05	2.42E-06	2.41E-06	2.6843E-04
608302.98	4200786.75	9255.7116	0.18074	0.18313	0.03699	0.03586	0.02011	0.02001	1.63E-04	3.75E-05	3.85E-05	1.25E-05	1.20E-05	2.43E-06	2.41E-06	2.6796E-04
608302.98	4200794.35	9250.25108	0.17883	0.18122	0.03759	0.03646	0.02017	0.02006	1.62E-04	3.71E-05	3.81E-05	1.27E-05	1.22E-05	2.44E-06	2.42E-06	2.6748E-04
608302.98	4200801.95	9244.10465	0.17692	0.17931	0.0382	0.03706	0.02022	0.02011	1.62E-04	3.67E-05	3.77E-05	1.29E-05	1.24E-05	2.44E-06	2.42E-06	2.6699E-04
608302.98	4200809.55	9237.69409	0.17502	0.1774	0.03882	0.03766	0.02027	0.02016	1.62E-04	3.63E-05	3.73E-05	1.31E-05	1.26E-05	2.45E-06	2.43E-06	2.6651E-04
608302.98	4200817.15	9230.63656	0.17312	0.1755	0.03943	0.03826	0.02032	0.02021	1.62E-04	3.60E-05	3.69E-05	1.33E-05	1.28E-05	2.45E-06	2.44E-06	2.6601E-04
608302.98	4200824.75	9223.00277	0.17123	0.17361	0.04005	0.03887	0.02037	0.02025	1.62E-04	3.56E-05	3.65E-05	1.35E-05	1.30E-05	2.46E-06	2.44E-06	2.6551E-04
608302.98	4200832.35	9214.80991	0.16935	0.17172	0.04067	0.03948	0.02041	0.0203	1.62E-04	3.52E-05	3.61E-05	1.37E-05	1.32E-05	2.46E-06	2.45E-06	2.6500E-04
608302.98	4200839.95	9206.34126	0.16747	0.16984	0.04129	0.04009	0.02046	0.02034	1.62E-04	3.48E-05	3.57E-05	1.39E-05	1.34E-05	2.47E-06	2.45E-06	2.6449E-04
608302.98	4200847.55	9197.34042	0.16561	0.16797	0.04191	0.04071	0.0205	0.02038	1.62E-04	3.44E-05	3.53E-05	1.41E-05	1.37E-05	2.48E-06	2.46E-06	2.6398E-04
608302.98	4200855.15	9187.81716	0.16376	0.16611	0.04254	0.04132	0.02054	0.02042	1.61E-04	3.40E-05	3.49E-05	1.43E-05	1.39E-05	2.48E-06	2.46E-06	2.6346E-04
608302.98	4200862.75	9177.69157	0.16191	0.16425	0.04316	0.04194	0.02059	0.02046	1.61E-04	3.36E-05	3.46E-05	1.45E-05	1.41E-05	2.49E-06	2.47E-06	2.6293E-04
608302.98	4200870.35	9167.15547	0.16008	0.16241	0.04378	0.04256	0.02063	0.0205	1.61E-04	3.32E-05	3.42E-05	1.47E-05	1.43E-05	2.49E-06	2.47E-06	2.6241E-04

Ranch EIR Residential Project Construction Parameters

Phase 3

Construction Annual DPM Emissions (PM2.5 Exhaust) **Mitigated Concentrations**

Annual Average Onsite DPM Rate (grams/m2/sec):	1.41E-09
Annual Average Offsite DPM Emission Rate - Road 1 (grams/sec):	6.02E-06
Annual Average Offsite DPM Emission Rate - Road 2 (grams/sec):	6.10E-06
Annual Average Offsite DPM Emission Rate - Road 3 (grams/sec):	9.77E-06
Annual Average Offsite DPM Emission Rate - Road 4 (grams/sec):	9.73E-06
Annual Average Offsite DPM Emission Rate - Road 5 (grams/sec):	3.50E-06
Annual Average Offsite DPM Emission Rate - Road 6 (grams/sec):	3.49E-06

X	Y	Onsite Phase 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 1 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 4 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 5 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 6 Unit Emissions VALUES AVERAGED AVERAGE CONC	Onsite Phase 3 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 1 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 2 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 3 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 4 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 5 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 6 Annual DPM Exhaust w/Actual Emissions (ug/m3)	**Total DPM (ug/m3)**
606771.32	4200808.57	155511.5541	0.08488	0.08498	0.04666	0.04498	0.03495	0.03568	2.20E-04	5.11E-07	5.18E-07	4.56E-07	4.37E-07	1.22E-07	1.25E-07	2.2159E-04
606787.8	4200808.22	144532.8459	0.08645	0.08689	0.04598	0.04418	0.03523	0.03594	2.04E-04	5.21E-07	5.30E-07	4.49E-07	4.30E-07	1.23E-07	1.26E-07	2.0609E-04
606807.8	4200808.22	129919.5236	0.09263	0.09273	0.04694	0.04487	0.0354	0.03608	1.84E-04	5.58E-07	5.66E-07	4.58E-07	4.36E-07	1.24E-07	1.26E-07	1.8554E-04
606827.8	4200808.22	117918.5764	0.09855	0.09846	0.04723	0.04515	0.03554	0.0362	1.67E-04	5.93E-07	6.01E-07	4.61E-07	4.39E-07	1.24E-07	1.27E-07	1.6866E-04
606847.8	4200808.22	107817.4147	0.10527	0.10493	0.04756	0.04536	0.03565	0.03629	1.52E-04	6.34E-07	6.40E-07	4.64E-07	4.41E-07	1.25E-07	1.27E-07	1.5448E-04
606867.8	4200808.22	99211.71167	0.11284	0.11219	0.04773	0.04526	0.03573	0.03634	1.40E-04	6.79E-07	6.84E-07	4.66E-07	4.40E-07	1.25E-07	1.27E-07	1.4241E-04
606887.8	4200808.22	91866.24705	0.12011	0.1193	0.04774	0.04539	0.0358	0.03637	1.30E-04	7.23E-07	7.28E-07	4.66E-07	4.41E-07	1.25E-07	1.27E-07	1.3213E-04
606907.8	4200808.22	85466.45737	0.12864	0.12706	0.04822	0.04576	0.03583	0.03638	1.21E-04	7.75E-07	7.75E-07	4.71E-07	4.45E-07	1.25E-07	1.27E-07	1.2319E-04
606927.8	4200808.22	79890.25681	0.13855	0.13642	0.04848	0.04592	0.03585	0.03638	1.13E-04	8.34E-07	8.32E-07	4.73E-07	4.47E-07	1.26E-07	1.27E-07	1.1544E-04
606947.8	4200808.22	74967.92316	0.14935	0.14655	0.04867	0.04599	0.03586	0.03636	1.06E-04	8.99E-07	8.94E-07	4.75E-07	4.47E-07	1.26E-07	1.27E-07	1.0861E-04
606767.8	4200828.22	155309.5667	0.07943	0.08004	0.04887	0.04722	0.03696	0.0377	2.19E-04	4.78E-07	4.88E-07	4.77E-07	4.59E-07	1.29E-07	1.32E-07	2.2129E-04
606787.8	4200828.22	140336.6	0.08291	0.08356	0.04949	0.04763	0.03723	0.03795	1.98E-04	4.99E-07	5.10E-07	4.83E-07	4.63E-07	1.30E-07	1.33E-07	2.0019E-04
606807.8	4200828.22	126036.0946	0.08872	0.08925	0.05015	0.04814	0.03734	0.03803	1.78E-04	5.34E-07	5.44E-07	4.90E-07	4.68E-07	1.31E-07	1.33E-07	1.8007E-04
606827.8	4200828.22	114396.0238	0.09503	0.0954	0.05072	0.0484	0.03742	0.03808	1.62E-04	5.72E-07	5.82E-07	4.95E-07	4.71E-07	1.31E-07	1.33E-07	1.6371E-04
606847.8	4200828.22	104780.2993	0.10165	0.10182	0.05108	0.04874	0.0375	0.03812	1.48E-04	6.12E-07	6.21E-07	4.99E-07	4.74E-07	1.31E-07	1.33E-07	1.5022E-04
606867.8	4200828.22	96634.10726	0.10898	0.10885	0.05159	0.04908	0.03755	0.03815	1.37E-04	6.56E-07	6.64E-07	5.04E-07	4.77E-07	1.31E-07	1.33E-07	1.3880E-04
606887.8	4200828.22	89601.82619	0.11633	0.11618	0.05164	0.04914	0.03757	0.03814	1.27E-04	7.00E-07	7.09E-07	5.04E-07	4.78E-07	1.32E-07	1.33E-07	1.2896E-04
606907.8	4200828.22	83469.99993	0.12471	0.12391	0.05224	0.0496	0.03757	0.03811	1.18E-04	7.51E-07	7.56E-07	5.10E-07	4.82E-07	1.32E-07	1.33E-07	1.2041E-04
606927.8	4200828.22	78101.12581	0.13491	0.13348	0.05275	0.04996	0.03755	0.03806	1.10E-04	8.12E-07	8.14E-07	5.15E-07	4.86E-07	1.31E-07	1.33E-07	1.1295E-04
606947.8	4200828.22	73360.72938	0.14597	0.14392	0.05313	0.05019	0.03751	0.038	1.04E-04	8.79E-07	8.78E-07	5.19E-07	4.88E-07	1.31E-07	1.33E-07	1.0639E-04
606967.8	4200828.22	69128.02533	0.15835	0.1555	0.05344	0.05035	0.03745	0.03792	9.76E-05	9.53E-07	9.49E-07	5.22E-07	4.90E-07	1.31E-07	1.33E-07	1.0056E-04
606987.8	4200828.22	65328.63306	0.1721	0.16843	0.05365	0.05042	0.03738	0.03781	9.23E-05	1.04E-06	1.03E-06	5.24E-07	4.90E-07	1.31E-07	1.32E-07	9.5360E-05
606747.8	4200848.22	161980.7128	0.07322	0.07409	0.05153	0.05004	0.03871	0.03948	2.29E-04	4.41E-07	4.52E-07	5.03E-07	4.87E-07	1.36E-07	1.38E-07	2.3069E-04
606767.8	4200848.22	147197.3767	0.07637	0.0772	0.05195	0.05034	0.03902	0.03976	2.08E-04	4.60E-07	4.71E-07	5.07E-07	4.90E-07	1.37E-07	1.39E-07	2.0985E-04
606787.8	4200848.22	133908.0436	0.07951	0.08048	0.05277	0.05093	0.03926	0.03998	1.89E-04	4.79E-07	4.91E-07	5.15E-07	4.95E-07	1.37E-07	1.40E-07	1.9114E-04
606807.8	4200848.22	120945.0068	0.08497	0.08588	0.05356	0.05147	0.03933	0.04002	1.71E-04	5.12E-07	5.24E-07	5.23E-07	5.01E-07	1.38E-07	1.40E-07	1.7290E-04
606827.8	4200848.22	110265.7756	0.09086	0.09168	0.05414	0.05168	0.03939	0.04004	1.56E-04	5.47E-07	5.59E-07	5.29E-07	5.03E-07	1.38E-07	1.40E-07	1.5790E-04
606847.8	4200848.22	101293.5131	0.09686	0.09802	0.05473	0.05214	0.03942	0.04004	1.43E-04	5.83E-07	5.98E-07	5.34E-07	5.07E-07	1.38E-07	1.40E-07	1.4531E-04
606867.8	4200848.22	93645.49235	0.10405	0.105	0.05544	0.05268	0.03942	0.04001	1.32E-04	6.27E-07	6.41E-07	5.41E-07	5.12E-07	1.38E-07	1.40E-07	1.3460E-04
606887.8	4200848.22	87017.45345	0.11154	0.11218	0.05584	0.05323	0.0394	0.03996	1.23E-04	6.72E-07	6.84E-07	5.45E-07	5.18E-07	1.38E-07	1.40E-07	1.2534E-04
606907.8	4200848.22	81223.29463	0.12016	0.12015	0.05661	0.05383	0.03936	0.03989	1.15E-04	7.24E-07	7.33E-07	5.53E-07	5.24E-07	1.38E-07	1.39E-07	1.1727E-04
606927.8	4200848.22	76116.92934	0.13044	0.12983	0.05739	0.05442	0.03929	0.03979	1.08E-04	7.85E-07	7.92E-07	5.60E-07	5.29E-07	1.38E-07	1.39E-07	1.1019E-04
606947.8	4200848.22	71589.55421	0.1417	0.14051	0.05805	0.05487	0.03921	0.03968	1.01E-04	8.53E-07	8.57E-07	5.67E-07	5.34E-07	1.37E-07	1.39E-07	1.0394E-04
606967.8	4200848.22	67542.69697	0.15423	0.1523	0.05861	0.05523	0.03911	0.03955	9.54E-05	9.29E-07	9.29E-07	5.72E-07	5.37E-07	1.37E-07	1.38E-07	9.8376E-05
606987.8	4200848.22	63902.86705	0.16822	0.16553	0.05905	0.05548	0.03899	0.0394	9.03E-05	1.01E-06	1.01E-06	5.77E-07	5.40E-07	1.37E-07	1.38E-07	9.3406E-05
607107.8	4200848.22	47948.54902	0.30118	0.28705	0.05941	0.0552	0.03792	0.03819	6.77E-05	1.81E-06	1.75E-06	5.80E-07	5.37E-07	1.33E-07	1.33E-07	7.2412E-05
607127.8	4200848.22	45981.50889	0.33611	0.31796	0.05919	0.05502	0.03769	0.03795	6.50E-05	2.02E-06	1.94E-06	5.78E-07	5.35E-07	1.32E-07	1.33E-07	7.0029E-05
607147.8	4200848.22	44152.93426	0.37708	0.35414	0.05906	0.05496	0.03745	0.03769	6.24E-05	2.27E-06	2.16E-06	5.77E-07	5.35E-07	1.31E-07	1.32E-07	6.7911E-05
607167.8	4200848.22	42453.86219	0.42527	0.39626	0.05896	0.05493	0.03721	0.03742	6.00E-05	2.56E-06	2.42E-06	5.76E-07	5.34E-07	1.30E-07	1.31E-07	6.6057E-05
607187.8	4200848.22	40866.82242	0.48374	0.44686	0.05904	0.0551	0.03695	0.03714	5.77E-05	2.91E-06	2.73E-06	5.77E-07	5.36E-07	1.29E-07	1.30E-07	6.4478E-05
607207.8	4200848.22	39381.27565	0.55629	0.50873	0.05937	0.0555	0.03668	0.03685	5.56E-05	3.35E-06	3.10E-06	5.80E-07	5.40E-07	1.28E-07	1.29E-07	6.3201E-05
607227.8	4200848.22	37993.42726	0.64634	0.58449	0.0597	0.05577	0.0364	0.03656	5.37E-05	3.89E-06	3.57E-06	5.83E-07	5.42E-07	1.27E-07	1.28E-07	6.2251E-05
606747.8	4200868.22	151565.5533	0.06964	0.07075	0.05426	0.05284	0.04093	0.0417	2.14E-04	4.19E-07	4.32E-07	5.30E-07	5.14E-07	1.43E-07	1.46E-07	2.1599E-04
606767.8	4200868.22	139104.5775	0.07232	0.07347	0.05474	0.0532	0.04122	0.04196	1.96E-04	4.35E-07	4.48E-07	5.35E-07	5.17E-07	1.44E-07	1.47E-07	1.9843E-04
606787.8	4200868.22	126866.2019	0.07499	0.07653	0.05533	0.05361	0.04138	0.04209	1.79E-04	4.52E-07	4.67E-07	5.40E-07	5.21E-07	1.45E-07	1.47E-07	1.8119E-04
606807.8	4200868.22	115396.975	0.08024	0.08198	0.05663	0.05445	0.04142	0.04209	1.63E-04	4.83E-07	5.00E-07	5.53E-07	5.30E-07	1.45E-07	1.47E-07	1.6507E-04
606827.8	4200868.22	105751.2079	0.08613	0.0876	0.0578	0.05523	0.04143	0.04207	1.49E-04	5.19E-07	5.34E-07	5.64E-07	5.37E-07	1.45E-07	1.47E-07	1.5154E-04
606847.8	4200868.22	97514.3627	0.09216	0.09377	0.05865	0.05603	0.04141	0.04201	1.38E-04	5.55E-07	5.72E-07	5.73E-07	5.45E-07	1.45E-07	1.47E-07	1.3999E-04
606867.8	4200868.22	90422.1408	0.09897	0.10064	0.05926	0.0568	0.04136	0.04194	1.28E-04	5.96E-07	6.14E-07	5.79E-07	5.52E-07	1.45E-07	1.47E-07	1.3007E-04
606887.8	4200868.22	84242.24064	0.10635	0.10759	0.06025	0.05759	0.04129	0.04184	1.19E-04	6.40E-07	6.56E-07	5.88E-07	5.60E-07	1.45E-07	1.46E-07	1.2144E-04
606907.8	4200868.22	78809.36958	0.11494	0.1156	0.0613	0.05841	0.0412	0.04171	1.11E-04	6.92E-07	7.05E-07	5.99E-07	5.68E-07	1.44E-07	1.46E-07	1.1389E-04
606927.8	4200868.22	73997.35032	0.1252	0.12524	0.06236	0.05926	0.04109	0.04157	1.05E-04	7.54E-07	7.64E-07	6.09E-07	5.76E-07	1.44E-07	1.45E-07	1.0723E-04
606947.8	4200868.22	69706.90848	0.13646	0.1362	0.06338	0.06002	0.04095	0.0414	9.85E-05	8.22E-07	8.31E-07	6.19E-07	5.84E-07	1.43E-07	1.45E-07	1.0132E-04
607047.8	4200868.22	53764.24621	0.21797	0.21262	0.06661	0.06198	0.04002	0.04034	7.59E-05	1.31E-06	1.30E-06	6.50E-07	6.03E-07	1.40E-07	1.41E-07	7.9809E-05
607067.8	4200868.22	51356.04765	0.24166	0.23438	0.06683	0.06201	0.03979	0.04008	7.25E-05	1.46E-06	1.43E-06	6.53E-07	6.03E-07	1.39E-07	1.40E-07	7.6685E-05
607087.8	4200868.22	49135.90153	0.2691	0.25943	0.06693	0.06197	0.03954	0.03981	6.94E-05	1.62E-06	1.58E-06	6.54E-07	6.03E-07	1.38E-07	1.39E-07	7.3867E-05
607107.8	4200868.22	47085.71378	0.30081	0.28785	0.06688	0.06184	0.03928	0.03953	6.65E-05	1.81E-06	1.76E-06	6.53E-07	6.01E-07	1.38E-07	1.38E-07	7.1334E-05
607127.8	4200868.22	45185.63022	0.33783	0.3207	0.06674	0.06168	0.03901	0.03924	6.38E-05	2.03E-06	1.96E-06	6.52E-07	6.00E-07	1.37E-07	1.37E-07	6.9070E-05
607147.8	4200868.22	43418.73887	0.38147	0.35914	0.06656	0.06154	0.03873	0.03893	6.13E-05	2.30E-06	2.19E-06	6.50E-07	5.99E-07	1.36E-07	1.36E-07	6.7068E-05
607167.8	4200868.22	41772.40418	0.4335	0.40452	0.06643	0.06147	0.03844	0.03862	5.90E-05	2.61E-06	2.47E-06	6.49E-07	5.98E-07	1.35E-07	1.35E-07	6.5331E-05
607187.8	4200868.22	40234.12324	0.49695	0.45919	0.06644	0.06158	0.03814	0.0383	5.68E-05	2.99E-06	2.80E-06	6.49E-07	5.99E-07	1.34E-07	1.34E-07	6.3875E-05
607207.8	4200868.22	38795.57671	0.57552	0.52578	0.06658	0.06182	0.03783	0.03797	5.48E-05	3.47E-06	3.21E-06	6.50E-07	6.01E-07	1.32E-07	1.33E-07	6.2726E-05
607227.8	4200868.22	37445.71006	0.67607	0.6095	0.06699	0.06226	0.03751	0.03764	5.29E-05	4.07E-06	3.72E-06	6.54E-07	6.06E-07	1.31E-07	1.32E-07	6.1943E-05
606755.19	4200886.81	139503.3263	0.06602	0.06742	0.05665	0.05528	0.04331	0.04406	1.97E-04	3.98E-07	4.11E-07	5.53E-07	5.38E-07	1.52E-07	1.54E-07	1.9896E-04
606767.8	4200888.22	131414.7725	0.06711	0.06848	0.05733	0.05583	0.04357	0.0443	1.86E-04	4.04E-07	4.18E-07	5.60E-07	5.43E-07	1.53E-07	1.55E-07	1.8756E-04
606787.8	4200888.22	119786.8771	0.07067	0.07233	0.05854	0.05691	0.0436	0.04429	1.69E-04	4.26E-07	4.41E-07	5.72E-07	5.53E-07	1.53E-07	1.55E-07	1.7120E-04
606807.8	4200888.22	109714.0964	0.07569	0.07783	0.06005	0.05796	0.04358	0.04424	1.55E-04	4.56E-07	4.75E-07	5.86E-07	5.64E-07	1.53E-07	1.55E-07	1.5706E-04
606827.8	4200888.22	101069.4191	0.08123	0.08322	0.06151	0.059	0.04354	0.04416	1.43E-04	4.89E-07	5.08E-07	6.01E-07	5.74E-07	1.52E-07	1.54E-07	1.4494E-04
606847.8	4200888.22	93599.39802	0.08718	0.08918	0.06278	0.06005	0.04346	0.04405	1.32E-04	5.25E-07	5.44E-07	6.13E-07	5.84E-07	1.52E-07	1.54E-07	1.3448E-04
606867.8	4200888.22	87090.17293	0.09361	0.09578	0.06386	0.06111	0.04336	0.04392	1.23E-04	5.64E-07	5.84E-07	6.24E-07	5.94E-07	1.52E-07	1.53E-07	1.2539E-04
606887.8	4200888.22	81364.95425	0.1007	0.10229	0.06484	0.06219	0.04324	0.04376	1.15E-04	6.06E-07	6.24E-07	6.33E-07	6.05E-07	1.51E-07	1.53E-07	1.1740E-04
606907.8	4200888.22	76308.93177	0.10915	0.11042	0.06619	0.06329	0.04309	0.04358	1.08E-04	6.57E-07	6.74E-07	6.46E-07	6.16E-07	1.51E-07	1.52E-07	1.1038E-04
606927.8	4200888.22	71794.77961	0.11931	0.12036	0.06767	0.0645	0.04292	0.04338	1.01E-04	7.18E-07	7.34E-07	6.61E-07	6.27E-07	1.50E-07	1.52E-07	1.0416E-04
607027.8	4200888.22	55112.02175	0.19098	0.18881	0.07377	0.06888	0.04181	0.04212	7.78E-05	1.15E-06	1.15E-06	7.20E-07	6.70E-07	1.46E-07	1.47E-07	8.1542E-05
607047.8	4200888.22	52601.51627	0.21223	0.20856	0.07461	0.06939	0.04153	0.04182	7.43E-05	1.28E-06	1.27E-06	7.29E-07	6.75E-07	1.45E-07	1.46E-07	7.8257E-05
607067.8	4200888.22	50294.57352	0.23655	0.23104	0.07523	0.06969	0.04125	0.04152	7.10E-05	1.42E-06	1.41E-06	7.35E-07	6.78E-07	1.44E-07	1.45E-07	7.5291E-05
607087.8	4200888.22	48164.20164	0.2649	0.25705	0.07566	0.06985	0.04096	0.0412	6.80E-05	1.60E-06	1.57E-06	7.39E-07	6.79E-07	1.43E-07	1.44E-07	7.2617E-05
607107.8	4200888.22	46192.0796	0.29804	0.28688	0.07591	0.06989	0.04065	0.04087	6.52E-05	1.79E-06	1.75E-06	7.41E-07	6.80E-07	1.42E-07	1.43E-07	7.0215E-05
607127.8	4200888.22	44361.21669	0.33707	0.32161	0.07597	0.06983	0.04033	0.04053	6.27E-05	2.03E-06	1.96E-06	7.42E-07	6.79E-07	1.41E-07	1.42E-07	6.8076E-05
607147.8	4200888.22	42658.77204	0.3831	0.36223	0.07584	0.06965	0.04001	0.04018	6.03E-05	2.31E-06	2.21E-06	7.41E-07	6.77E-07	1.40E-07	1.40E-07	6.6193E-05
607167.8	4200888.22	41068.73739	0.43871	0.41068	0.07569	0.06952	0.03967	0.03982	5.80E-05	2.64E-06	2.51E-06	7.39E-07	6.76E-07	1.39E-07	1.39E-07	6.4575E-05
607187.8	4200888.22	39579.78787	0.50735	0.4697	0.07567	0.06959	0.03932	0.03946	5.59E-05	3.05E-06	2.87E-06	7.39E-07	6.77E-07	1.38E-07	1.38E-07	6.3245E-05
607207.8	4200888.22	38187.00897	0.59291	0.54203	0.07572	0.06975	0.03897	0.03909	5.39E-05	3.57E-06	3.31E-06	7.39E-07	6.78E-07	1.36E-07	1.37E-07	6.2236E-05
607227.8	4200888.22	36878.31642	0.70387	0.63389	0.07606	0.07018	0.03861	0.03871	5.21E-05	4.24E-06	3.87E-06	7.43E-07	6.83E-07	1.35E-07	1.35E-07	6.1624E-05
606747.8	4200908.22	134603.2777	0.05892	0.06042	0.05886	0.0576	0.04597	0.04673	1.90E-04	3.55E-07	3.69E-07	5.75E-07	5.60E-07	1.61E-07	1.63E-07	1.9200E-04
606767.8	4200908.22	122942.0617	0.06256	0.06412	0.06025	0.05888	0.04595	0.04667	1.74E-04	3.77E-07	3.91E-07	5.88E-07	5.73E-07	1.61E-07	1.63E-07	1.7559E-04
606787.8	4200908.22	113012.0834	0.06692	0.06874	0.06234	0.06078	0.04592	0.0466	1.60E-04	4.03E-07	4.19E-07	6.09E-07	5.91E-07	1.61E-07	1.63E-07	1.6166E-04
606807.8	4200908.22	104125.49	0.07155	0.07344	0.06387	0.06206	0.04583	0.04647	1.47E-04	4.31E-07	4.48E-07	6.24E-07	6.04E-07	1.60E-07	1.62E-07	1.4919E-04
606827.8	4200908.22	96417.00644	0.07664	0.07859	0.06533	0.06328	0.04571	0.04632	1.36E-04	4.61E-07	4.79E-07	6.38E-07	6.15E-07	1.60E-07	1.62E-07	1.3839E-04
606847.8	4200908.22	89690.01611	0.08221	0.08423	0.06696	0.06466	0.04558	0.04615	1.27E-04	4.95E-07	5.14E-07	6.54E-07	6.29E-07	1.60E-07	1.61E-07	1.2899E-04
606867.8	4200908.22	83736.67259	0.08774	0.09048	0.06784	0.06552	0.04541	0.04595	1.18E-04	5.28E-07	5.52E-07	6.63E-07	6.37E-07	1.59E-07	1.61E-07	1.2066E-04
606887.8	4200908.22	78472.95344	0.09477	0.09678	0.06949	0.06694	0.04523	0.04572	1.11E-04	5.71E-07	5.90E-07	6.79E-07	6.51E-07	1.58E-07	1.60E-07	1.1334E-04
606987.8	4200908.22	59254.59468	0.14892	0.14994	0.07875	0.07441	0.044	0.04433	8.37E-05	8.97E-07	9.15E-07	7.69E-07	7.24E-07	1.54E-07	1.55E-07	8.7006E-05
607007.8	4200908.22	56415.86017	0.16468	0.1652	0.08051	0.07571	0.0437	0.04401	7.97E-05	9.92E-07	1.01E-06	7.86E-07	7.36E-07	1.53E-07	1.54E-07	8.3213E-05
607027.8	4200908.22	53814.73602	0.18295	0.18252	0.08213	0.07684	0.04339	0.04367	7.60E-05	1.10E-06	1.11E-06	8.02E-07	7.47E-07	1.52E-07	1.53E-07	7.9782E-05
607047.8	4200908.22	51420.21204	0.20424	0.20255	0.08362	0.07784	0.04306	0.04332	7.26E-05	1.23E-06	1.24E-06	8.17E-07	7.57E-07	1.51E-07	1.51E-07	7.6674E-05
607067.8	4200908.22	49212.83328	0.22896	0.22565	0.08489	0.07863	0.04273	0.04296	6.95E-05	1.38E-06	1.38E-06	8.29E-07	7.65E-07	1.50E-07	1.50E-07	7.3866E-05
607087.8	4200908.22	47172.60656	0.25791	0.25243	0.08591	0.0792	0.04238	0.04259	6.66E-05	1.55E-06	1.54E-06	8.39E-07	7.70E-07	1.48E-07	1.49E-07	7.1337E-05
607107.8	4200908.22	45280.91717	0.29206	0.28339	0.08668	0.07957	0.04202	0.04221	6.40E-05	1.76E-06	1.73E-06	8.46E-07	7.74E-07	1.47E-07	1.48E-07	6.9070E-05
607127.8	4200908.22	43520.50753	0.3327	0.31981	0.08718	0.07976	0.04165	0.04182	6.15E-05	2.00E-06	1.95E-06	8.51E-07	7.76E-07	1.46E-07	1.46E-07	6.7057E-05
607147.8	4200908.22	41878.9375	0.38148	0.36298	0.08743	0.07979	0.04128	0.04142	5.92E-05	2.30E-06	2.21E-06	8.54E-07	7.76E-07	1.45E-07	1.45E-07	6.5298E-05
607167.8	4200908.22	40346.7841	0.44044	0.41444	0.08742	0.07968	0.0409	0.04102	5.70E-05	2.65E-06	2.53E-06	8.54E-07	7.75E-07	1.43E-07	1.43E-07	6.3802E-05
607187.8	4200908.22	38909.9351	0.51382	0.47755	0.08741	0.07967	0.04051	0.04061	5.50E-05	3.09E-06	2.91E-06	8.54E-07	7.75E-07	1.42E-07	1.42E-07	6.2599E-05
607207.8	4200908.22	37561.53982	0.60707	0.55633	0.08749	0.07985	0.04011	0.04019	5.31E-05	3.66E-06	3.39E-06	8.54E-07	7.77E-07	1.40E-07	1.40E-07	6.1738E-05
607227.8	4200908.22	36295.75233	0.72831	0.65653	0.08768	0.08017	0.03971	0.03978	5.13E-05	4.39E-06	4.00E-06	8.56E-07	7.80E-07	1.39E-07	1.39E-07	6.1297E-05
606687.8	4200928.22	159227.1761	0.04639	0.04837	0.05691	0.05611	0.04858	0.04946	2.25E-04	2.79E-07	2.95E-07	5.56E-07	5.46E-07	1.70E-07	1.73E-07	2.2660E-04
606707.8	4200928.22	147056.2062	0.04942	0.05107	0.05904	0.05799	0.0486	0.04943	2.08E-04	2.98E-07	3.12E-07	5.77E-07	5.64E-07	1.70E-07	1.73E-07	2.0948E-04
606727.8	4200928.22	135261.3771	0.05227	0.05401	0.06034	0.05925	0.04856	0.04935	1.91E-04	3.15E-07	3.29E-07	5.89E-07	5.76E-07	1.70E-07	1.72E-07	1.9288E-04
606747.8	4200928.22	124610.1828	0.05537	0.0572	0.06217	0.06101	0.04851	0.04925	1.76E-04	3.33E-07	3.49E-07	6.07E-07	5.93E-07	1.70E-07	1.72E-07	1.7790E-04
606767.8	4200928.22	114924.0422	0.05884	0.06077	0.06382	0.06243	0.04841	0.04911	1.62E-04	3.54E-07	3.71E-07	6.23E-07	6.07E-07	1.69E-07	1.72E-07	1.6429E-04
606787.8	4200928.22	106385.1501	0.06247	0.0645	0.06546	0.06404	0.0483	0.04896	1.50E-04	3.76E-07	3.93E-07	6.39E-07	6.23E-07	1.69E-07	1.71E-07	1.5231E-04
606807.8	4200928.22	98727.22171	0.06664	0.06879	0.0672	0.06563	0.04815	0.04876	1.39E-04	4.01E-07	4.20E-07	6.56E-07	6.38E-07	1.69E-07	1.70E-07	1.4157E-04
606827.8	4200928.22	91891.34258	0.07146	0.07371	0.06907	0.06731	0.04796	0.04854	1.30E-04	4.30E-07	4.50E-07	6.75E-07	6.55E-07	1.68E-07	1.70E-07	1.3201E-04
606847.8	4200928.22	85847.44401	0.0767	0.07906	0.07097	0.06892	0.04775	0.04829	1.21E-04	4.62E-07	4.82E-07	6.93E-07	6.70E-07	1.67E-07	1.69E-07	1.2357E-04
606867.8	4200928.22	80447.12825	0.08202	0.08505	0.07266	0.07	0.04752	0.04802	1.14E-04	4.94E-07	5.19E-07	7.10E-07	6.81E-07	1.66E-07	1.68E-07	1.1604E-04
606967.8	4200928.22	60610.18407	0.12694	0.12938	0.08363	0.07977	0.04605	0.04639	8.56E-05	7.64E-07	7.89E-07	8.17E-07	7.76E-07	1.61E-07	1.62E-07	8.8762E-05
606987.8	4200928.22	57669.71504	0.14022	0.1425	0.0862	0.08185	0.04571	0.04601	8.15E-05	8.44E-07	8.69E-07	8.42E-07	7.96E-07	1.60E-07	1.61E-07	8.4814E-05
607007.8	4200928.22	54984.67402	0.15533	0.15736	0.08871	0.08378	0.04535	0.04563	7.77E-05	9.35E-07	9.60E-07	8.66E-07	8.15E-07	1.59E-07	1.59E-07	8.1246E-05
607027.8	4200928.22	52511.69683	0.17324	0.17461	0.09119	0.08565	0.04498	0.04523	7.42E-05	1.04E-06	1.07E-06	8.91E-07	8.33E-07	1.57E-07	1.58E-07	7.8008E-05
607047.8	4200928.22	50233.25552	0.19407	0.19455	0.09355	0.08735	0.0446	0.04482	7.10E-05	1.17E-06	1.19E-06	9.14E-07	8.50E-07	1.56E-07	1.57E-07	7.5077E-05
607067.8	4200928.22	48124.3867	0.21873	0.21794	0.09579	0.0889	0.04421	0.0444	6.80E-05	1.32E-06	1.33E-06	9.35E-07	8.65E-07	1.55E-07	1.55E-07	7.2426E-05
607087.8	4200928.22	46173.04044	0.2478	0.2452	0.09774	0.09016	0.04381	0.04398	6.52E-05	1.49E-06	1.50E-06	9.54E-07	8.77E-07	1.53E-07	1.54E-07	7.0042E-05
607107.8	4200928.22	44359.44539	0.28252	0.27706	0.09942	0.09118	0.04339	0.04354	6.27E-05	1.70E-06	1.69E-06	9.71E-07	8.87E-07	1.52E-07	1.52E-07	6.7910E-05
607127.8	4200928.22	42669.19879	0.32431	0.31487	0.10077	0.09191	0.04298	0.0431	6.03E-05	1.95E-06	1.92E-06	9.84E-07	8.94E-07	1.50E-07	1.51E-07	6.6025E-05
607147.8	4200928.22	41089.89119	0.37519	0.36022	0.10177	0.0924	0.04255	0.04266	5.80E-05	2.26E-06	2.20E-06	9.94E-07	8.99E-07	1.49E-07	1.49E-07	6.4392E-05
607167.8	4200928.22	39613.05854	0.4375	0.41485	0.10236	0.09262	0.04212	0.0422	5.60E-05	2.63E-06	2.53E-06	1.00E-06	9.01E-07	1.47E-07	1.47E-07	6.3022E-05
607187.8	4200928.22	38229.1611	0.51522	0.48181	0.10259	0.09264	0.04168	0.04175	5.40E-05	3.10E-06	2.94E-06	1.00E-06	9.01E-07	1.46E-07	1.46E-07	6.1946E-05
607207.8	4200928.22	36926.83376	0.61553	0.56661	0.10278	0.09282	0.04124	0.04129	5.22E-05	3.71E-06	3.46E-06	1.00E-06	9.03E-07	1.44E-07	1.44E-07	6.1231E-05
607227.8	4200928.22	35703.41322	0.74722	0.67535	0.1029	0.09304	0.04079	0.04083	5.04E-05	4.50E-06	4.12E-06	1.00E-06	9.05E-07	1.43E-07	1.43E-07	6.0962E-05
606667.8	4200948.22	151245.625	0.04148	0.04302	0.05802	0.05727	0.05146	0.05238	2.14E-04	2.50E-07	2.62E-07	5.67E-07	5.57E-07	1.80E-07	1.83E-07	2.1528E-04
606687.8	4200948.22	142119.5581	0.04373	0.04531	0.05946	0.05861	0.05142	0.05228	2.01E-04	2.63E-07	2.76E-07	5.81E-07	5.70E-07	1.80E-07	1.83E-07	2.0244E-04
606707.8	4200948.22	132933.3807	0.04608	0.04781	0.06128	0.06034	0.05135	0.05217	1.88E-04	2.77E-07	2.92E-07	5.98E-07	5.87E-07	1.80E-07	1.82E-07	1.8953E-04
606727.8	4200948.22	123981.0335	0.04856	0.05041	0.06296	0.06205	0.05126	0.05202	1.75E-04	2.92E-07	3.08E-07	6.15E-07	6.03E-07	1.79E-07	1.82E-07	1.7695E-04
606747.8	4200948.22	115422.9165	0.05134	0.05331	0.06472	0.0637	0.05113	0.05184	1.63E-04	3.09E-07	3.25E-07	6.32E-07	6.20E-07	1.79E-07	1.81E-07	1.6493E-04
606767.8	4200948.22	107434.859	0.0545	0.05659	0.06657	0.06544	0.05095	0.05162	1.52E-04	3.28E-07	3.45E-07	6.50E-07	6.36E-07	1.78E-07	1.80E-07	1.5372E-04
606787.8	4200948.22	100145.3696	0.05797	0.06019	0.06849	0.06723	0.05075	0.05138	1.41E-04	3.49E-07	3.67E-07	6.69E-07	6.54E-07	1.78E-07	1.80E-07	1.4350E-04
606807.8	4200948.22	93535.25375	0.0618	0.06416	0.07049	0.06909	0.05052	0.05111	1.32E-04	3.72E-07	3.91E-07	6.88E-07	6.72E-07	1.77E-07	1.79E-07	1.3425E-04
606827.8	4200948.22	87533.8536	0.06621	0.06871	0.07264	0.07107	0.05026	0.0508	1.24E-04	3.99E-07	4.19E-07	7.09E-07	6.91E-07	1.76E-07	1.78E-07	1.2587E-04
606927.8	4200948.22	65202.68078	0.09806	0.10117	0.08425	0.08145	0.04862	0.04898	9.21E-05	5.90E-07	6.17E-07	8.23E-07	7.92E-07	1.70E-07	1.71E-07	9.4926E-05
606947.8	4200948.22	61897.40284	0.10739	0.1106	0.08726	0.08408	0.04824	0.04857	8.74E-05	6.47E-07	6.75E-07	8.52E-07	8.18E-07	1.69E-07	1.70E-07	9.0426E-05
606967.8	4200948.22	58876.06964	0.11808	0.12146	0.09045	0.0868	0.04785	0.04814	8.32E-05	7.11E-07	7.41E-07	8.83E-07	8.44E-07	1.68E-07	1.68E-07	8.6346E-05
606987.8	4200948.22	56108.93689	0.13046	0.13388	0.09376	0.08957	0.04744	0.0477	7.93E-05	7.86E-07	8.17E-07	9.16E-07	8.71E-07	1.66E-07	1.67E-07	8.2647E-05
607007.8	4200948.22	53566.7996	0.14482	0.14827	0.09719	0.09235	0.04702	0.04725	7.57E-05	8.72E-07	9.04E-07	9.49E-07	8.98E-07	1.65E-07	1.65E-07	7.9291E-05
607027.8	4200948.22	51220.81566	0.16186	0.165	0.10069	0.09512	0.04658	0.04679	7.24E-05	9.75E-07	1.01E-06	9.83E-07	9.25E-07	1.63E-07	1.64E-07	7.6243E-05
607047.8	4200948.22	49051.20988	0.18196	0.18465	0.10421	0.09784	0.04614	0.04632	6.93E-05	1.10E-06	1.13E-06	1.02E-06	9.52E-07	1.62E-07	1.62E-07	7.3480E-05
607067.8	4200948.22	47041.46268	0.20581	0.2077	0.10768	0.10041	0.04569	0.04584	6.64E-05	1.24E-06	1.27E-06	1.05E-06	9.77E-07	1.60E-07	1.60E-07	7.0984E-05
607087.8	4200948.22	45175.6697	0.23438	0.23501	0.111	0.10275	0.04523	0.04536	6.38E-05	1.41E-06	1.43E-06	1.08E-06	9.99E-07	1.58E-07	1.59E-07	6.8742E-05
607107.8	4200948.22	43438.1357	0.26897	0.26733	0.11413	0.10486	0.04476	0.04487	6.14E-05	1.62E-06	1.63E-06	1.11E-06	1.02E-06	1.57E-07	1.57E-07	6.6744E-05
607127.8	4200948.22	41814.59033	0.31133	0.30628	0.11699	0.10669	0.04429	0.04438	5.91E-05	1.87E-06	1.87E-06	1.14E-06	1.04E-06	1.55E-07	1.55E-07	6.4989E-05
607147.8	4200948.22	40299.981	0.36295	0.35286	0.11928	0.10799	0.04381	0.04388	5.69E-05	2.19E-06	2.15E-06	1.16E-06	1.05E-06	1.53E-07	1.53E-07	6.3480E-05
607167.8	4200948.22	38876.51595	0.42803	0.41048	0.1212	0.10906	0.04333	0.04338	5.49E-05	2.58E-06	2.50E-06	1.18E-06	1.06E-06	1.52E-07	1.52E-07	6.2242E-05
607187.8	4200948.22	37541.88456	0.51022	0.48166	0.12246	0.10966	0.04284	0.04287	5.30E-05	3.07E-06	2.94E-06	1.20E-06	1.07E-06	1.50E-07	1.50E-07	6.1303E-05
607207.8	4200948.22	36287.12956	0.61665	0.57174	0.12315	0.10997	0.04235	0.04236	5.13E-05	3.71E-06	3.49E-06	1.20E-06	1.07E-06	1.48E-07	1.48E-07	6.0731E-05
607227.8	4200948.22	35105.92126	0.75859	0.68877	0.12343	0.11016	0.04186	0.04186	4.96E-05	4.57E-06	4.20E-06	1.21E-06	1.07E-06	1.47E-07	1.46E-07	6.0636E-05
606547.8	4200968.22	156804.578	0.02991	0.03085	0.05035	0.0501	0.05428	0.05553	2.21E-04	1.80E-07	1.88E-07	4.92E-07	4.87E-07	1.90E-07	1.94E-07	2.2285E-04
606567.8	4200968.22	155101.7297	0.03113	0.03214	0.05163	0.05136	0.05443	0.05562	2.19E-04	1.87E-07	1.96E-07	5.04E-07	5.00E-07	1.91E-07	1.94E-07	2.2048E-04
606587.8	4200968.22	152778.972	0.03253	0.03359	0.05298	0.05268	0.05453	0.05565	2.16E-04	1.96E-07	2.05E-07	5.17E-07	5.12E-07	1.91E-07	1.94E-07	2.1724E-04
606607.8	4200968.22	149858.7241	0.03386	0.03499	0.05441	0.05408	0.05458	0.05565	2.12E-04	2.04E-07	2.13E-07	5.31E-07	5.26E-07	1.91E-07	1.94E-07	2.1316E-04
606627.8	4200968.22	145699.6861	0.0356	0.03686	0.05591	0.05553	0.05457	0.05558	2.06E-04	2.14E-07	2.25E-07	5.46E-07	5.40E-07	1.91E-07	1.94E-07	2.0734E-04
606647.8	4200968.22	140672.2008	0.03714	0.03842	0.05748	0.05706	0.05454	0.05549	1.99E-04	2.24E-07	2.34E-07	5.61E-07	5.55E-07	1.91E-07	1.94E-07	2.0028E-04
606667.8	4200968.22	134921.4978	0.03864	0.0402	0.05982	0.05912	0.05449	0.05538	1.91E-04	2.33E-07	2.45E-07	5.84E-07	5.75E-07	1.91E-07	1.94E-07	1.9222E-04
606687.8	4200968.22	128285.7739	0.04048	0.04215	0.06153	0.06093	0.05439	0.05523	1.81E-04	2.44E-07	2.57E-07	6.01E-07	5.93E-07	1.90E-07	1.93E-07	1.8291E-04
606707.8	4200968.22	121197.0313	0.04258	0.04437	0.06332	0.06265	0.05423	0.05502	1.71E-04	2.56E-07	2.71E-07	6.18E-07	6.09E-07	1.90E-07	1.92E-07	1.7295E-04
606727.8	4200968.22	114082.1298	0.04485	0.04676	0.06518	0.06442	0.05405	0.05478	1.61E-04	2.70E-07	2.85E-07	6.37E-07	6.27E-07	1.89E-07	1.91E-07	1.6297E-04
606747.8	4200968.22	107100.0885	0.04746	0.0495	0.06715	0.0663	0.05382	0.0545	1.51E-04	2.86E-07	3.02E-07	6.56E-07	6.45E-07	1.88E-07	1.90E-07	1.5318E-04
606767.8	4200968.22	100484.7513	0.05033	0.05251	0.06922	0.06826	0.05356	0.05419	1.42E-04	3.03E-07	3.20E-07	6.76E-07	6.64E-07	1.88E-07	1.89E-07	1.4391E-04
606787.8	4200968.22	94304.8691	0.05353	0.05586	0.0714	0.07032	0.05327	0.05386	1.33E-04	3.22E-07	3.41E-07	6.97E-07	6.84E-07	1.87E-07	1.88E-07	1.3526E-04
606907.8	4200968.22	66446.89112	0.08304	0.08624	0.08637	0.08421	0.05101	0.05136	9.39E-05	5.00E-07	5.26E-07	8.43E-07	8.19E-07	1.79E-07	1.79E-07	9.6550E-05
606927.8	4200968.22	63090.16359	0.09047	0.09403	0.0897	0.08723	0.05057	0.05088	8.91E-05	5.45E-07	5.74E-07	8.76E-07	8.48E-07	1.77E-07	1.78E-07	9.1962E-05
606947.8	4200968.22	60012.05148	0.09896	0.10277	0.0933	0.09045	0.05012	0.0504	8.48E-05	5.96E-07	6.27E-07	9.11E-07	8.80E-07	1.75E-07	1.76E-07	8.7785E-05
606967.8	4200968.22	57183.9504	0.10873	0.11283	0.09716	0.09386	0.04965	0.0499	8.08E-05	6.55E-07	6.88E-07	9.49E-07	9.13E-07	1.74E-07	1.74E-07	8.3981E-05
606987.8	4200968.22	54579.41729	0.12011	0.12447	0.10129	0.09744	0.04917	0.04939	7.71E-05	7.23E-07	7.59E-07	9.89E-07	9.48E-07	1.72E-07	1.73E-07	8.0517E-05
607007.8	4200968.22	52175.91652	0.13345	0.13807	0.1057	0.1012	0.04868	0.04887	7.37E-05	8.04E-07	8.42E-07	1.03E-06	9.84E-07	1.70E-07	1.71E-07	7.7365E-05
607027.8	4200968.22	49950.95589	0.14928	0.15399	0.11034	0.10504	0.04819	0.04835	7.06E-05	8.99E-07	9.39E-07	1.08E-06	1.02E-06	1.69E-07	1.69E-07	7.4497E-05
607047.8	4200968.22	47887.5075	0.1681	0.1728	0.1152	0.10899	0.04768	0.04781	6.76E-05	1.01E-06	1.05E-06	1.13E-06	1.06E-06	1.67E-07	1.67E-07	7.1896E-05
607067.8	4200968.22	45972.64482	0.19055	0.19503	0.12019	0.11292	0.04716	0.04728	6.49E-05	1.15E-06	1.19E-06	1.17E-06	1.10E-06	1.65E-07	1.65E-07	6.9549E-05
607087.8	4200968.22	44189.25607	0.21783	0.22175	0.1253	0.11678	0.04664	0.04673	6.24E-05	1.31E-06	1.35E-06	1.22E-06	1.14E-06	1.63E-07	1.63E-07	6.7444E-05
607107.8	4200968.22	42525.16328	0.25128	0.25382	0.13045	0.12054	0.04612	0.04619	6.01E-05	1.51E-06	1.55E-06	1.27E-06	1.17E-06	1.61E-07	1.61E-07	6.5578E-05
607127.8	4200968.22	40969.06118	0.29269	0.29283	0.1355	0.12405	0.04559	0.04564	5.79E-05	1.76E-06	1.79E-06	1.32E-06	1.21E-06	1.60E-07	1.59E-07	6.3950E-05
607147.8	4200968.22	39512.04042	0.34443	0.34056	0.14025	0.12715	0.04506	0.04508	5.58E-05	2.07E-06	2.08E-06	1.37E-06	1.24E-06	1.58E-07	1.58E-07	6.2571E-05

607167.8	4200968.22	38144.26164	0.41015	0.39981	0.14448	0.12973	0.04452	0.04453	5.39E-05	2.47E-06	2.44E-06	1.41E-06	1.26E-06	1.56E-07	1.56E-07	6.1463E-05
607187.8	4200968.22	36857.35838	0.49534	0.47458	0.14805	0.13177	0.04398	0.04398	5.21E-05	2.98E-06	2.89E-06	1.45E-06	1.28E-06	1.54E-07	1.54E-07	6.0669E-05
607207.8	4200968.22	35645.63882	0.60802	0.57062	0.15069	0.13322	0.04344	0.04342	5.04E-05	3.66E-06	3.48E-06	1.47E-06	1.30E-06	1.52E-07	1.52E-07	6.0261E-05
607227.8	4200968.22	34508.0841	0.75815	0.6946	0.1518	0.1336	0.04291	0.04287	4.87E-05	4.57E-06	4.24E-06	1.48E-06	1.30E-06	1.50E-07	1.50E-07	6.0329E-05
606527.8	4200988.22	143511.1206	0.0266	0.02752	0.05041	0.05014	0.05794	0.05926	2.03E-04	1.60E-07	1.68E-07	4.92E-07	4.88E-07	2.03E-07	2.07E-07	2.0403E-04
606547.8	4200988.22	141346.4949	0.02764	0.02864	0.05181	0.05139	0.05805	0.0593	2.00E-04	1.66E-07	1.75E-07	5.06E-07	5.00E-07	2.03E-07	2.07E-07	2.0101E-04
606567.8	4200988.22	139214.583	0.02894	0.02986	0.05285	0.0527	0.05809	0.05927	1.97E-04	1.74E-07	1.82E-07	5.16E-07	5.13E-07	2.03E-07	2.07E-07	1.9804E-04
606587.8	4200988.22	136823.9287	0.03022	0.03122	0.05426	0.05409	0.05809	0.0592	1.93E-04	1.82E-07	1.90E-07	5.30E-07	5.26E-07	2.03E-07	2.07E-07	1.9470E-04
606607.8	4200988.22	134004.0893	0.03161	0.03268	0.05576	0.05553	0.05804	0.05908	1.89E-04	1.90E-07	1.99E-07	5.45E-07	5.40E-07	2.03E-07	2.06E-07	1.9076E-04
606627.8	4200988.22	130705.6326	0.03287	0.03398	0.05735	0.05711	0.05795	0.05893	1.85E-04	1.98E-07	2.07E-07	5.60E-07	5.55E-07	2.03E-07	2.06E-07	1.8615E-04
606647.8	4200988.22	126620.048	0.0342	0.03565	0.05947	0.05875	0.05781	0.05873	1.79E-04	2.06E-07	2.17E-07	5.81E-07	5.71E-07	2.02E-07	2.05E-07	1.8044E-04
606667.8	4200988.22	121890.9854	0.03587	0.03739	0.06149	0.06112	0.05764	0.05851	1.72E-04	2.16E-07	2.28E-07	6.00E-07	5.94E-07	2.02E-07	2.04E-07	1.7382E-04
606687.8	4200988.22	116693.5172	0.03748	0.03911	0.0633	0.06287	0.05745	0.05825	1.65E-04	2.26E-07	2.39E-07	6.18E-07	6.11E-07	2.01E-07	2.04E-07	1.6653E-04
606707.8	4200988.22	111113.701	0.0393	0.04106	0.06522	0.06472	0.0572	0.05795	1.57E-04	2.37E-07	2.50E-07	6.37E-07	6.29E-07	2.00E-07	2.03E-07	1.5871E-04
606727.8	4200988.22	105376.3594	0.04135	0.04324	0.06724	0.06667	0.05691	0.05761	1.49E-04	2.49E-07	2.64E-07	6.57E-07	6.48E-07	1.99E-07	2.01E-07	1.5067E-04
606747.8	4200988.22	99645.72391	0.04374	0.04577	0.06942	0.06876	0.05658	0.05722	1.41E-04	2.63E-07	2.79E-07	6.78E-07	6.69E-07	1.98E-07	2.00E-07	1.4265E-04
606867.8	4200988.22	71138.23537	0.06455	0.06738	0.08434	0.08301	0.05405	0.05442	1.00E-04	3.89E-07	4.11E-07	8.24E-07	8.07E-07	1.89E-07	1.90E-07	1.0292E-04
606887.8	4200988.22	67495.34817	0.07006	0.07319	0.08759	0.08606	0.05356	0.05389	9.53E-05	4.22E-07	4.46E-07	8.55E-07	8.37E-07	1.88E-07	1.88E-07	9.7903E-05
606907.8	4200988.22	64138.56937	0.07615	0.07957	0.09108	0.08929	0.05305	0.05335	9.06E-05	4.59E-07	4.85E-07	8.89E-07	8.68E-07	1.86E-07	1.86E-07	9.3302E-05
606927.8	4200988.22	61040.22714	0.08284	0.08667	0.09491	0.09285	0.05253	0.0528	8.62E-05	4.99E-07	5.29E-07	9.27E-07	9.03E-07	1.84E-07	1.85E-07	8.9081E-05
606947.8	4200988.22	58179.29787	0.09048	0.09466	0.09909	0.09669	0.052	0.05223	8.22E-05	5.45E-07	5.77E-07	9.68E-07	9.40E-07	1.82E-07	1.83E-07	8.5213E-05
606967.8	4200988.22	55534.80035	0.09927	0.10386	0.10363	0.10083	0.05146	0.05166	7.84E-05	5.98E-07	6.34E-07	1.01E-06	9.81E-07	1.80E-07	1.81E-07	8.1671E-05
606987.8	4200988.22	53087.17525	0.10953	0.11454	0.10857	0.10526	0.05091	0.05108	7.50E-05	6.60E-07	6.99E-07	1.06E-06	1.02E-06	1.78E-07	1.79E-07	7.8432E-05
607007.8	4200988.22	50818.68995	0.12156	0.12707	0.11397	0.11003	0.05035	0.05049	7.18E-05	7.32E-07	7.75E-07	1.11E-06	1.07E-06	1.76E-07	1.76E-07	7.5475E-05
607027.8	4200988.22	48708.31983	0.13599	0.14191	0.11986	0.11514	0.04978	0.04989	6.88E-05	8.19E-07	8.66E-07	1.17E-06	1.12E-06	1.74E-07	1.74E-07	7.2779E-05
607047.8	4200988.22	46749.16076	0.15301	0.15935	0.1261	0.12044	0.04921	0.04929	6.60E-05	9.21E-07	9.72E-07	1.23E-06	1.17E-06	1.72E-07	1.72E-07	7.0333E-05
607067.8	4200988.22	44923.85493	0.17356	0.18024	0.13281	0.12602	0.04863	0.04869	6.35E-05	1.05E-06	1.10E-06	1.30E-06	1.23E-06	1.70E-07	1.70E-07	6.8125E-05
607087.8	4200988.22	43220.09595	0.19874	0.20563	0.14001	0.13181	0.04805	0.04809	6.11E-05	1.20E-06	1.25E-06	1.37E-06	1.28E-06	1.68E-07	1.68E-07	6.6152E-05
607107.8	4200988.22	41626.80261	0.22993	0.2365	0.14767	0.13779	0.04746	0.04748	5.88E-05	1.38E-06	1.44E-06	1.44E-06	1.34E-06	1.66E-07	1.66E-07	6.4410E-05
607127.8	4200988.22	40134.21307	0.26906	0.27459	0.15572	0.14383	0.04687	0.04688	5.67E-05	1.62E-06	1.68E-06	1.52E-06	1.40E-06	1.64E-07	1.64E-07	6.2907E-05
607147.8	4200988.22	38733.74541	0.31888	0.32211	0.16403	0.14975	0.04628	0.04627	5.47E-05	1.92E-06	1.96E-06	1.60E-06	1.46E-06	1.62E-07	1.62E-07	6.1658E-05
607167.8	4200988.22	37417.49499	0.38342	0.38214	0.17231	0.15534	0.04569	0.04566	5.29E-05	2.31E-06	2.33E-06	1.68E-06	1.51E-06	1.60E-07	1.60E-07	6.0688E-05
607187.8	4200988.22	36178.32429	0.4687	0.45905	0.18019	0.16033	0.04511	0.04506	5.11E-05	2.82E-06	2.80E-06	1.76E-06	1.56E-06	1.58E-07	1.57E-07	6.0046E-05
607207.8	4200988.22	35011.22451	0.58356	0.55906	0.18702	0.16431	0.04452	0.04445	4.95E-05	3.51E-06	3.41E-06	1.83E-06	1.60E-06	1.56E-07	1.55E-07	5.9804E-05
606527.8	4201008.22	130767.3364	0.02482	0.02572	0.05169	0.05167	0.06202	0.06334	1.85E-04	1.49E-07	1.57E-07	5.05E-07	5.03E-07	2.17E-07	2.21E-07	1.8603E-04
606547.8	4201008.22	128578.4635	0.02578	0.02674	0.05305	0.05301	0.06202	0.06325	1.82E-04	1.55E-07	1.63E-07	5.18E-07	5.16E-07	2.17E-07	2.21E-07	1.8298E-04
606567.8	4201008.22	126372.0958	0.02688	0.0279	0.0545	0.05444	0.06194	0.0631	1.79E-04	1.62E-07	1.70E-07	5.32E-07	5.29E-07	2.17E-07	2.21E-07	1.7990E-04
606587.8	4201008.22	124074.1944	0.02801	0.0291	0.05603	0.05587	0.06182	0.06291	1.75E-04	1.69E-07	1.78E-07	5.47E-07	5.43E-07	2.16E-07	2.20E-07	1.7670E-04
606607.8	4201008.22	121484.4247	0.02923	0.03039	0.05759	0.05733	0.06165	0.06267	1.72E-04	1.76E-07	1.85E-07	5.62E-07	5.58E-07	2.16E-07	2.19E-07	1.7309E-04
606627.8	4201008.22	118600.8672	0.03046	0.0317	0.05932	0.05919	0.06145	0.0624	1.68E-04	1.83E-07	1.93E-07	5.79E-07	5.76E-07	2.15E-07	2.18E-07	1.6906E-04
606647.8	4201008.22	115214.0806	0.03174	0.03308	0.06108	0.06091	0.06121	0.06209	1.63E-04	1.91E-07	2.02E-07	5.96E-07	5.92E-07	2.14E-07	2.17E-07	1.6433E-04
606667.8	4201008.22	111272.1673	0.03319	0.03462	0.06295	0.06274	0.06092	0.06173	1.57E-04	2.00E-07	2.11E-07	6.15E-07	6.10E-07	2.13E-07	2.16E-07	1.5882E-04
606687.8	4201008.22	107035.0735	0.03463	0.03617	0.06487	0.06462	0.0606	0.06136	1.51E-04	2.09E-07	2.21E-07	6.33E-07	6.28E-07	2.12E-07	2.14E-07	1.5289E-04
606827.8	4201008.22	75577.91484	0.05142	0.05409	0.08241	0.08162	0.0574	0.0578	1.07E-04	3.10E-07	3.30E-07	8.05E-07	7.94E-07	2.01E-07	2.02E-07	1.0900E-04
606847.8	4201008.22	71799.7068	0.05504	0.05794	0.08561	0.08453	0.05685	0.05721	1.01E-04	3.31E-07	3.53E-07	8.36E-07	8.22E-07	1.99E-07	2.00E-07	1.0377E-04
606867.8	4201008.22	68259.25552	0.05931	0.06201	0.08794	0.08697	0.05628	0.0566	9.64E-05	3.57E-07	3.78E-07	8.59E-07	8.46E-07	1.97E-07	1.98E-07	9.8861E-05
606887.8	4201008.22	64964.96612	0.06411	0.06726	0.09157	0.09044	0.0557	0.05598	9.18E-05	3.86E-07	4.10E-07	8.94E-07	8.80E-07	1.95E-07	1.96E-07	9.4338E-05
606907.8	4201008.22	61899.52834	0.06953	0.07299	0.09548	0.09413	0.0551	0.05535	8.74E-05	4.19E-07	4.45E-07	9.32E-07	9.15E-07	1.93E-07	1.93E-07	9.0149E-05
606927.8	4201008.22	59047.76261	0.07547	0.07938	0.09979	0.09821	0.0545	0.05471	8.34E-05	4.54E-07	4.84E-07	9.75E-07	9.55E-07	1.91E-07	1.91E-07	8.6278E-05
606947.8	4201008.22	56395.91196	0.08224	0.08656	0.10451	0.10267	0.05389	0.05406	7.97E-05	4.95E-07	5.28E-07	1.02E-06	9.99E-07	1.89E-07	1.89E-07	8.2706E-05
606967.8	4201008.22	53929.08534	0.09001	0.09483	0.10971	0.10752	0.05327	0.05341	7.62E-05	5.42E-07	5.78E-07	1.07E-06	1.05E-06	1.87E-07	1.87E-07	7.9416E-05
606987.8	4201008.22	51633.37963	0.09908	0.10443	0.11543	0.11282	0.05264	0.05275	7.29E-05	5.97E-07	6.37E-07	1.13E-06	1.10E-06	1.84E-07	1.84E-07	7.6394E-05
607007.8	4201008.22	49495.40091	0.1097	0.11571	0.12178	0.11862	0.05201	0.05209	6.99E-05	6.61E-07	7.06E-07	1.19E-06	1.15E-06	1.82E-07	1.82E-07	7.3625E-05
607027.8	4201008.22	47498.5268	0.12244	0.1291	0.12883	0.12497	0.05136	0.05142	6.71E-05	7.37E-07	7.88E-07	1.26E-06	1.22E-06	1.80E-07	1.80E-07	7.1093E-05
607047.8	4201008.22	45637.91228	0.1375	0.14491	0.1365	0.13178	0.05072	0.05076	6.45E-05	8.28E-07	8.84E-07	1.33E-06	1.28E-06	1.78E-07	1.77E-07	6.8793E-05
607067.8	4201008.22	43899.0964	0.15571	0.16395	0.14498	0.13918	0.05007	0.05009	6.20E-05	9.38E-07	1.00E-06	1.42E-06	1.35E-06	1.75E-07	1.75E-07	6.6718E-05
607087.8	4201008.22	42271.91509	0.17811	0.18724	0.15438	0.14718	0.04943	0.04942	5.97E-05	1.07E-06	1.14E-06	1.51E-06	1.43E-06	1.73E-07	1.73E-07	6.4866E-05
607107.8	4201008.22	40746.80978	0.20605	0.21588	0.16481	0.15585	0.04878	0.04876	5.76E-05	1.24E-06	1.32E-06	1.61E-06	1.52E-06	1.71E-07	1.70E-07	6.3241E-05
607127.8	4201008.22	39315.14327	0.24143	0.25171	0.17637	0.16515	0.04813	0.04809	5.55E-05	1.45E-06	1.54E-06	1.72E-06	1.61E-06	1.69E-07	1.68E-07	6.1853E-05
607147.8	4201008.22	37969.55445	0.28712	0.29719	0.18915	0.17502	0.04749	0.04743	5.36E-05	1.73E-06	1.81E-06	1.85E-06	1.70E-06	1.66E-07	1.66E-07	6.0726E-05
607167.8	4201008.22	36702.77409	0.34743	0.35588	0.2031	0.1853	0.04684	0.04677	5.18E-05	2.09E-06	2.17E-06	1.98E-06	1.80E-06	1.64E-07	1.63E-07	5.9894E-05
607187.8	4201008.22	35508.50925	0.42902	0.4329	0.21804	0.1957	0.0462	0.04611	5.02E-05	2.58E-06	2.64E-06	2.13E-06	1.90E-06	1.62E-07	1.61E-07	5.9415E-05
607207.8	4201008.22	34383.65319	0.54124	0.53497	0.2331	0.20543	0.04557	0.04546	4.86E-05	3.26E-06	3.26E-06	2.28E-06	2.00E-06	1.60E-07	1.59E-07	5.9366E-05
606787.8	4201028.22	79269.60194	0.04154	0.04362	0.07875	0.07845	0.06111	0.06153	1.12E-04	2.50E-07	2.66E-07	7.69E-07	7.63E-07	2.14E-07	2.15E-07	1.1402E-04
606807.8	4201028.22	75564.9609	0.04413	0.0464	0.08179	0.08142	0.06048	0.06087	1.07E-04	2.66E-07	2.83E-07	7.99E-07	7.92E-07	2.12E-07	2.13E-07	1.0888E-04
606827.8	4201028.22	72022.38326	0.04706	0.04954	0.08506	0.08462	0.05984	0.06018	1.02E-04	2.83E-07	3.02E-07	8.31E-07	8.23E-07	2.10E-07	2.10E-07	1.0398E-04
606847.8	4201028.22	68671.21916	0.05027	0.05298	0.08855	0.08784	0.05919	0.05948	9.70E-05	3.03E-07	3.23E-07	8.65E-07	8.54E-07	2.07E-07	2.08E-07	9.9348E-05
606867.8	4201028.22	65501.60659	0.05422	0.05681	0.09117	0.0906	0.05852	0.05877	9.25E-05	3.26E-07	3.47E-07	8.90E-07	8.81E-07	2.05E-07	2.05E-07	9.4970E-05
606887.8	4201028.22	62523.64759	0.05857	0.06157	0.09517	0.09448	0.05784	0.05806	8.83E-05	3.53E-07	3.76E-07	9.29E-07	9.19E-07	2.03E-07	2.03E-07	9.0896E-05
606907.8	4201028.22	59730.69833	0.06336	0.06667	0.09948	0.09862	0.05716	0.05734	8.44E-05	3.82E-07	4.07E-07	9.71E-07	9.59E-07	2.00E-07	2.00E-07	8.7093E-05
606927.8	4201028.22	57111.98146	0.06858	0.07235	0.10423	0.10321	0.05647	0.05661	8.07E-05	4.13E-07	4.41E-07	1.02E-06	1.00E-06	1.98E-07	1.98E-07	8.3551E-05
606947.8	4201028.22	54659.4974	0.0745	0.0787	0.10946	0.10824	0.05577	0.05588	7.72E-05	4.49E-07	4.80E-07	1.07E-06	1.05E-06	1.95E-07	1.95E-07	8.0261E-05
606967.8	4201028.22	52363.93005	0.08127	0.08601	0.11525	0.11377	0.05506	0.05515	7.40E-05	4.89E-07	5.25E-07	1.13E-06	1.11E-06	1.93E-07	1.93E-07	7.7214E-05
606987.8	4201028.22	50215.07479	0.08917	0.09449	0.12169	0.1199	0.05435	0.05441	7.09E-05	5.37E-07	5.76E-07	1.19E-06	1.17E-06	1.90E-07	1.90E-07	7.4400E-05
607007.8	4201028.22	48205.74598	0.0983	0.10438	0.12886	0.12664	0.05365	0.05368	6.81E-05	5.92E-07	6.37E-07	1.26E-06	1.23E-06	1.88E-07	1.88E-07	7.1813E-05
607027.8	4201028.22	46321.26062	0.10926	0.1161	0.13693	0.13417	0.05293	0.05294	6.54E-05	6.58E-07	7.08E-07	1.34E-06	1.30E-06	1.85E-07	1.85E-07	6.9440E-05
607047.8	4201028.22	44556.10258	0.12223	0.13001	0.14594	0.1425	0.05222	0.0522	6.29E-05	7.36E-07	7.93E-07	1.43E-06	1.39E-06	1.83E-07	1.82E-07	6.7279E-05
607067.8	4201028.22	42900.17303	0.13795	0.14688	0.15612	0.15178	0.0515	0.05146	6.06E-05	8.31E-07	8.96E-07	1.52E-06	1.48E-06	1.80E-07	1.80E-07	6.5327E-05
607087.8	4201028.22	41347.32875	0.15717	0.16748	0.16761	0.16209	0.05079	0.05073	5.84E-05	9.46E-07	1.02E-06	1.64E-06	1.58E-06	1.78E-07	1.77E-07	6.3587E-05
607107.8	4201028.22	39888.01189	0.18119	0.19296	0.18075	0.17365	0.05008	0.05	5.63E-05	1.09E-06	1.18E-06	1.77E-06	1.69E-06	1.75E-07	1.75E-07	6.2067E-05
607127.8	4201028.22	38515.16041	0.21169	0.22513	0.19587	0.18665	0.04937	0.04928	5.44E-05	1.27E-06	1.37E-06	1.91E-06	1.82E-06	1.73E-07	1.72E-07	6.0782E-05
607147.8	4201028.22	37221.95761	0.25144	0.2666	0.21345	0.20132	0.04866	0.04855	5.26E-05	1.51E-06	1.63E-06	2.08E-06	1.96E-06	1.70E-07	1.70E-07	5.9762E-05
607167.8	4201028.22	36003.58545	0.3042	0.32085	0.23387	0.2177	0.04796	0.04784	5.09E-05	1.83E-06	1.96E-06	2.28E-06	2.12E-06	1.68E-07	1.67E-07	5.9048E-05
607187.8	4201028.22	34853.95161	0.3765	0.39358	0.2577	0.2359	0.04727	0.04713	4.92E-05	2.27E-06	2.40E-06	2.52E-06	2.29E-06	1.66E-07	1.65E-07	5.8713E-05
606727.8	4201048.22	85195.7631	0.03259	0.03403	0.07215	0.07224	0.06589	0.0664	1.20E-04	1.96E-07	2.08E-07	7.05E-07	7.03E-07	2.31E-07	2.32E-07	1.2216E-04
606747.8	4201048.22	81784.26146	0.03428	0.03584	0.07478	0.07484	0.06521	0.06567	1.16E-04	2.06E-07	2.19E-07	7.30E-07	7.28E-07	2.28E-07	2.29E-07	1.1741E-04
606767.8	4201048.22	78374.67463	0.03621	0.03791	0.07763	0.07765	0.0645	0.06491	1.11E-04	2.18E-07	2.31E-07	7.58E-07	7.55E-07	2.26E-07	2.27E-07	1.1267E-04
606787.8	4201048.22	75045.44066	0.03825	0.0401	0.08062	0.08061	0.06378	0.06414	1.06E-04	2.30E-07	2.45E-07	7.87E-07	7.84E-07	2.23E-07	2.24E-07	1.0805E-04
606807.8	4201048.22	71802.1142	0.04059	0.0426	0.08386	0.08382	0.06304	0.06335	1.01E-04	2.44E-07	2.60E-07	8.19E-07	8.15E-07	2.21E-07	2.21E-07	1.0356E-04
606827.8	4201048.22	68685.31296	0.04314	0.04534	0.08733	0.08725	0.06229	0.06256	9.70E-05	2.60E-07	2.77E-07	8.53E-07	8.49E-07	2.18E-07	2.19E-07	9.9261E-05
606847.8	4201048.22	65698.03802	0.04605	0.04846	0.09104	0.09061	0.06153	0.06175	9.28E-05	2.77E-07	2.96E-07	8.89E-07	8.81E-07	2.15E-07	2.16E-07	9.5147E-05
606867.8	4201048.22	62862.98743	0.04972	0.05201	0.09403	0.09386	0.06076	0.06094	8.88E-05	2.99E-07	3.17E-07	9.18E-07	9.13E-07	2.13E-07	2.13E-07	9.1246E-05
606887.8	4201048.22	60172.06711	0.05359	0.0563	0.09835	0.09812	0.05998	0.06013	8.50E-05	3.23E-07	3.43E-07	9.60E-07	9.54E-07	2.10E-07	2.10E-07	8.7578E-05
606907.8	4201048.22	57633.23696	0.05766	0.06074	0.10302	0.10268	0.0592	0.05932	8.14E-05	3.47E-07	3.71E-07	1.01E-06	9.99E-07	2.07E-07	2.07E-07	8.4134E-05
606927.8	4201048.22	55232.51532	0.06228	0.06574	0.10815	0.10771	0.05842	0.0585	7.80E-05	3.75E-07	4.01E-07	1.06E-06	1.05E-06	2.05E-07	2.04E-07	8.0900E-05
606947.8	4201048.22	52969.69116	0.06745	0.0713	0.11383	0.11327	0.05763	0.05768	7.48E-05	4.06E-07	4.35E-07	1.11E-06	1.10E-06	2.02E-07	2.02E-07	7.7878E-05
606967.8	4201048.22	50841.0318	0.07325	0.07758	0.12009	0.11939	0.05684	0.05687	7.18E-05	4.41E-07	4.73E-07	1.17E-06	1.16E-06	1.99E-07	1.99E-07	7.5065E-05
606987.8	4201048.22	48834.81209	0.07999	0.08495	0.12712	0.12623	0.05605	0.05605	6.90E-05	4.82E-07	5.18E-07	1.24E-06	1.23E-06	1.96E-07	1.96E-07	7.2452E-05
607007.8	4201048.22	46947.92051	0.08785	0.09355	0.13503	0.13389	0.05526	0.05523	6.63E-05	5.29E-07	5.71E-07	1.32E-06	1.30E-06	1.93E-07	1.93E-07	7.0038E-05
607027.8	4201048.22	45170.90194	0.09716	0.10362	0.14402	0.14252	0.05447	0.05442	6.38E-05	5.85E-07	6.32E-07	1.41E-06	1.39E-06	1.91E-07	1.90E-07	6.7817E-05
607047.8	4201048.22	43499.4814	0.10813	0.11558	0.15418	0.15224	0.05368	0.05361	6.14E-05	6.51E-07	7.05E-07	1.51E-06	1.48E-06	1.88E-07	1.87E-07	6.5789E-05
607067.8	4201048.22	41927.03183	0.12127	0.12996	0.16575	0.16322	0.0529	0.05281	5.92E-05	7.30E-07	7.93E-07	1.62E-06	1.59E-06	1.85E-07	1.85E-07	6.3954E-05
607087.8	4201048.22	40445.96869	0.13734	0.14756	0.17907	0.17575	0.05212	0.05201	5.71E-05	8.27E-07	9.00E-07	1.75E-06	1.71E-06	1.82E-07	1.82E-07	6.2318E-05
607107.8	4201048.22	39051.00642	0.15725	0.16931	0.19455	0.19011	0.05134	0.05122	5.52E-05	9.47E-07	1.03E-06	1.90E-06	1.85E-06	1.80E-07	1.79E-07	6.0891E-05
607127.8	4201048.22	37735.43137	0.18242	0.1968	0.2128	0.2068	0.05057	0.05043	5.33E-05	1.10E-06	1.20E-06	2.08E-06	2.01E-06	1.77E-07	1.76E-07	5.9692E-05
607147.8	4201048.22	36493.64103	0.21508	0.23233	0.23461	0.22635	0.04981	0.04965	5.15E-05	1.30E-06	1.42E-06	2.29E-06	2.20E-06	1.74E-07	1.74E-07	5.8755E-05
607167.8	4201048.22	35319.1814	0.25891	0.27978	0.26126	0.24964	0.04905	0.04888	4.99E-05	1.56E-06	1.71E-06	2.55E-06	2.43E-06	1.72E-07	1.71E-07	5.8136E-05
607187.8	4201048.22	34211.17782	0.31862	0.34397	0.29406	0.2773	0.0483	0.04812	4.83E-05	1.92E-06	2.10E-06	2.87E-06	2.70E-06	1.69E-07	1.68E-07	5.7911E-05
606527.8	4201068.22	102543.579	0.02042	0.02105	0.05361	0.0539	0.07547	0.07666	1.45E-04	1.23E-07	1.28E-07	5.24E-07	5.24E-07	2.64E-07	2.68E-07	1.4615E-04
606547.8	4201068.22	100767.9376	0.02117	0.02184	0.05513	0.05542	0.07501	0.0761	1.42E-04	1.27E-07	1.33E-07	5.38E-07	5.39E-07	2.63E-07	2.66E-07	1.4368E-04
606567.8	4201068.22	98951.78493	0.02198	0.0227	0.05675	0.05705	0.07449	0.07549	1.40E-04	1.32E-07	1.38E-07	5.54E-07	5.55E-07	2.61E-07	2.64E-07	1.4116E-04
606587.8	4201068.22	97099.33716	0.02281	0.02357	0.05843	0.05874	0.07391	0.07483	1.37E-04	1.37E-07	1.44E-07	5.71E-07	5.71E-07	2.59E-07	2.62E-07	1.3858E-04
606607.8	4201068.22	95155.74372	0.02367	0.02448	0.0602	0.06051	0.07331	0.07414	1.34E-04	1.43E-07	1.49E-07	5.88E-07	5.89E-07	2.57E-07	2.59E-07	1.3588E-04
606627.8	4201068.22	93102.299	0.02456	0.02543	0.06206	0.06238	0.07266	0.07342	1.32E-04	1.48E-07	1.55E-07	6.06E-07	6.07E-07	2.54E-07	2.57E-07	1.3303E-04
606647.8	4201068.22	90807.4748	0.0256	0.02652	0.06408	0.06441	0.07197	0.07266	1.28E-04	1.54E-07	1.62E-07	6.26E-07	6.26E-07	2.52E-07	2.54E-07	1.2984E-04
606667.8	4201068.22	88341.88539	0.02662	0.02762	0.06618	0.0665	0.07126	0.07188	1.25E-04	1.60E-07	1.68E-07	6.46E-07	6.47E-07	2.50E-07	2.51E-07	1.2641E-04
606687.8	4201068.22	85674.71744	0.02778	0.02885	0.06844	0.06876	0.07052	0.07107	1.21E-04	1.67E-07	1.76E-07	6.68E-07	6.69E-07	2.47E-07	2.48E-07	1.2270E-04
606707.8	4201068.22	82887.20682	0.02899	0.03014	0.07081	0.07112	0.06976	0.07025	1.17E-04	1.75E-07	1.84E-07	6.92E-07	6.92E-07	2.44E-07	2.45E-07	1.1883E-04
606727.8	4201068.22	79988.07642	0.03036	0.0316	0.07337	0.07367	0.06896	0.0694	1.13E-04	1.83E-07	1.93E-07	7.17E-07	7.16E-07	2.41E-07	2.43E-07	1.1480E-04
606747.8	4201068.22	77034.34592	0.03191	0.03325	0.07613	0.07642	0.06815	0.06853	1.09E-04	1.92E-07	2.03E-07	7.43E-07	7.43E-07	2.39E-07	2.39E-07	1.1070E-04
606767.8	4201068.22	74083.6424	0.03359	0.03504	0.07907	0.07935	0.06732	0.06764	1.05E-04	2.02E-07	2.14E-07	7.72E-07	7.72E-07	2.36E-07	2.36E-07	1.0661E-04
606787.8	4201068.22	71172.00069	0.03542	0.03699	0.0822	0.08247	0.06647	0.06675	1.01E-04	2.13E-07	2.26E-07	8.03E-07	8.02E-07	2.33E-07	2.33E-07	1.0258E-04
606807.8	4201068.22	68315.09114	0.03752	0.03924	0.08563	0.08589	0.06561	0.06584	9.65E-05	2.26E-07	2.39E-07	8.36E-07	8.35E-07	2.30E-07	2.30E-07	9.8637E-05
606827.8	4201068.22	65551.8622	0.03981	0.04169	0.08929	0.08955	0.06474	0.06493	9.26E-05	2.40E-07	2.54E-07	8.72E-07	8.71E-07	2.27E-07	2.27E-07	9.4834E-05
606847.8	4201068.22	62894.41939	0.04232	0.04438	0.09324	0.09333	0.06387	0.06402	8.88E-05	2.55E-07	2.71E-07	9.11E-07	9.08E-07	2.24E-07	2.24E-07	9.1187E-05
606867.8	4201068.22	60347.37803	0.04569	0.04749	0.09655	0.09675	0.06299	0.0631	8.52E-05	2.75E-07	2.90E-07	9.43E-07	9.41E-07	2.21E-07	2.21E-07	8.7694E-05
606887.8	4201068.22	57919.06442	0.04902	0.05137	0.10107	0.10128	0.06211	0.06219	8.18E-05	2.95E-07	3.13E-07	9.87E-07	9.85E-07	2.17E-07	2.17E-07	8.4396E-05
606907.8	4201068.22	55607.14551	0.05266	0.05531	0.10607	0.10626	0.06123	0.06128	7.85E-05	3.17E-07	3.37E-07	1.04E-06	1.03E-06	2.14E-07	2.14E-07	8.1273E-05
606927.8	4201068.22	53409.72717	0.05674	0.05978	0.11152	0.11166	0.06035	0.06036	7.54E-05	3.42E-07	3.65E-07	1.09E-06	1.09E-06	2.11E-07	2.11E-07	7.8327E-05
606947.8	4201068.22	51325.85134	0.06122	0.06457	0.11757	0.11768	0.05947	0.05946	7.25E-05	3.69E-07	3.94E-07	1.15E-06	1.14E-06	2.08E-07	2.08E-07	7.5557E-05
606967.8	4201068.22	49351.81626	0.06628	0.07005	0.12431	0.12437	0.0586	0.05855	6.97E-05	3.99E-07	4.27E-07	1.21E-06	1.21E-06	2.05E-07	2.05E-07	7.2963E-05
606987.8	4201068.22	47482.90971	0.07207	0.07637	0.13183	0.13184	0.05772	0.05765	6.71E-05	4.34E-07	4.66E-07	1.29E-06	1.28E-06	2.02E-07	2.01E-07	7.0543E-05
607007.8	4201068.22	45717.89522	0.07868	0.0836	0.14027	0.1402	0.05685	0.05676	6.46E-05	4.74E-07	5.10E-07	1.37E-06	1.36E-06	1.99E-07	1.98E-07	6.8297E-05
607027.8	4201068.22	44047.70585	0.08646	0.09213	0.14991	0.14973	0.05599	0.05587	6.22E-05	5.21E-07	5.62E-07	1.46E-06	1.46E-06	1.96E-07	1.95E-07	6.6223E-05
607047.8	4201068.22	42466.76385	0.09573	0.10227	0.16101	0.16066	0.05512	0.05499	6.00E-05	5.76E-07	6.24E-07	1.57E-06	1.56E-06	1.93E-07	1.92E-07	6.4323E-05
607067.8	4201068.22	40974.63429	0.10669	0.11432	0.17373	0.17314	0.05426	0.05411	5.79E-05	6.42E-07	6.97E-07	1.70E-06	1.68E-06	1.90E-07	1.89E-07	6.2600E-05
607087.8	4201068.22	39564.71208	0.11991	0.12893	0.18848	0.18757	0.05342	0.05325	5.59E-05	7.22E-07	7.86E-07	1.84E-06	1.82E-06	1.87E-07	1.86E-07	6.1061E-05
607107.8	4201068.22	38231.25007	0.1363	0.14706	0.20589	0.2045	0.05257	0.05239	5.40E-05	8.21E-07	8.97E-07	2.01E-06	1.99E-06	1.84E-07	1.83E-07	5.9722E-05
607127.8	4201068.22	36971.66558	0.15665	0.16965	0.22655	0.22446	0.05174	0.05154	5.22E-05	9.43E-07	1.03E-06	2.21E-06	2.18E-06	1.81E-07	1.80E-07	5.8599E-05
607147.8	4201068.22	35780.07256	0.18269	0.19866	0.25159	0.24843	0.05092	0.05071	5.05E-05	1.10E-06	1.21E-06	2.46E-06	2.42E-06	1.78E-07	1.77E-07	5.7727E-05
607167.8	4201068.22	34651.98983	0.21689	0.23697	0.28266	0.27779	0.0501	0.04988	4.89E-05	1.31E-06	1.45E-06	2.76E-06	2.70E-06	1.75E-07	1.74E-07	5.7162E-05
607187.8	4201068.22	33583.11001	0.26331	0.28924	0.32227	0.31453	0.0493	0.04907	4.74E-05	1.59E-06	1.76E-06	3.15E-06	3.06E-06	1.73E-07	1.71E-07	5.6995E-05
607207.8	4201068.22	32569.69904	0.3289	0.36351	0.37448	0.36178	0.04851	0.04827	4.60E-05	1.98E-06	2.22E-06	3.66E-06	3.52E-06	1.70E-07	1.69E-07	5.7381E-05
607227.8	4201068.22	31608.01741	0.42656	0.47459	0.44631	0.42462	0.04773	0.04748	4.46E-05	2.57E-06	2.90E-06	4.36E-06	4.13E-06	1.67E-07	1.66E-07	5.8600E-05
607247.8	4201068.22	30694.61673	0.58325	0.65243	0.55114	0.51185	0.04695	0.0467	4.34E-05	3.51E-06	3.98E-06	5.38E-06	4.98E-06	1.64E-07	1.63E-07	6.1211E-05
607267.8	4201068.22	29826.10415	0.86426	0.96507	0.7168	0.63975	0.0462	0.04594	4.21E-05	5.20E-06	5.89E-06	7.00E-06	6.22E-06	1.62E-07	1.61E-07	6.6445E-05
607287.8	4201068.22	28999.667	1.45809	1.58626	1.00645	0.83985	0.04545	0.04518	4.10E-05	8.78E-06	9.68E-06	9.83E-06	8.17E-06	1.59E-07	1.58E-07	7.7417E-05
607307.8	4201068.22	28212.74579	3.00598	2.96884	1.53752	1.15462	0.04471	0.04444	3.99E-05	1.81E-05	1.81E-05	1.50E-05	1.12E-05	1.57E-07	1.55E-07	1.0231E-04
606527.8	4201088.22	95485.69963	0.01928	0.01983	0.05404	0.05441	0.08031	0.08142	1.35E-04	1.16E-07	1.21E-07	5.28E-07	5.29E-07	2.81E-07	2.85E-07	1.3617E-04
606547.8	4201088.22	93850.00865	0.01998	0.02056	0.0556	0.05598	0.07965	0.08065	1.33E-04	1.20E-07	1.25E-07	5.43E-07	5.44E-07	2.79E-07	2.82E-07	1.3390E-04
606567.8	4201088.22	92199.3927	0.02069	0.02131	0.05723	0.05762	0.07893	0.07985	1.30E-04	1.25E-07	1.30E-07	5.59E-07	5.60E-07	2.76E-07	2.79E-07	1.3161E-04
606587.8	4201088.22	90487.20005	0.02146	0.02212	0.05896	0.05938	0.07817	0.079	1.28E-04	1.29E-07	1.35E-07	5.76E-07	5.78E-07	2.74E-07	2.76E-07	1.2924E-04
606607.8	4201088.22	88717.47507	0.02224	0.02293	0.06076	0.06119	0.07738	0.07813	1.25E-04	1.34E-07	1.40E-07	5.93E-07	5.95E-07	2.71E-07	2.73E-07	1.2678E-04
606627.8	4201088.22	86849.55824	0.0231	0.02384	0.0627	0.06315	0.07656	0.07722	1.23E-04	1.39E-07	1.45E-07	6.12E-07	6.14E-07	2.68E-07	2.70E-07	1.2419E-04
606647.8	4201088.22	84832.94789	0.024	0.02479	0.06475	0.06521	0.0757	0.07629	1.20E-04	1.45E-07	1.51E-07	6.32E-07	6.34E-07	2.65E-07	2.67E-07	1.2140E-04
606667.8	4201088.22	82651.74363	0.02498	0.02582	0.06693	0.0674	0.07483	0.07535	1.17E-04	1.50E-07	1.58E-07	6.54E-07	6.56E-07	2.62E-07	2.63E-07	1.1837E-04
606687.8	4201088.22	80316.68742	0.02605	0.02696	0.06928	0.06976	0.07393	0.07439	1.13E-04	1.57E-07	1.64E-07	6.77E-07	6.78E-07	2.59E-07	2.60E-07	1.1513E-04
606707.8	4201088.22	77877.43861	0.02721	0.02818	0.07176	0.07225	0.073	0.0734	1.10E-04	1.64E-07	1.72E-07	7.01E-07	7.03E-07	2.56E-07	2.57E-07	1.1175E-04
606727.8	4201088.22	75353.04582	0.02844	0.02949	0.0744	0.07489	0.07207	0.07241	1.06E-04	1.71E-07	1.80E-07	7.27E-07	7.28E-07	2.52E-07	2.53E-07	1.0825E-04
606747.8	4201088.22	72770.52775	0.02987	0.03099	0.07727	0.07777	0.0711	0.07139	1.03E-04	1.80E-07	1.89E-07	7.55E-07	7.56E-07	2.49E-07	2.49E-07	1.0467E-04
606767.8	4201088.22	70182.24719	0.03139	0.03261	0.08032	0.08082	0.07013	0.07037	9.91E-05	1.89E-07	1.99E-07	7.84E-07	7.86E-07	2.46E-07	2.46E-07	1.0110E-04
606787.8	4201088.22	67613.89533	0.03305	0.03437	0.08358	0.0841	0.06916	0.06935	9.55E-05	1.99E-07	2.10E-07	8.16E-07	8.18E-07	2.42E-07	2.42E-07	9.7552E-05
606807.8	4201088.22	65088.90431	0.0349	0.03634	0.08711	0.08764	0.06817	0.06832	9.19E-05	2.10E-07	2.22E-07	8.51E-07	8.52E-07	2.39E-07	2.39E-07	9.4078E-05
606827.8	4201088.22	62628.94569	0.03694	0.0385	0.09092	0.09148	0.06718	0.06729	8.85E-05	2.22E-07	2.35E-07	8.88E-07	8.90E-07	2.35E-07	2.35E-07	9.0703E-05
606847.8	4201088.22	60251.82393	0.03915	0.04085	0.09502	0.09558	0.0662	0.06626	8.51E-05	2.36E-07	2.49E-07	9.28E-07	9.30E-07	2.32E-07	2.32E-07	8.7453E-05
606867.8	4201088.22	57957.37525	0.04216	0.04359	0.09895	0.09926	0.06521	0.06523	8.19E-05	2.54E-07	2.66E-07	9.66E-07	9.65E-07	2.28E-07	2.28E-07	8.4321E-05
606887.8	4201088.22	55760.10873	0.04513	0.0471	0.10343	0.10403	0.06422	0.06422	7.88E-05	2.72E-07	2.87E-07	1.01E-06	1.01E-06	2.25E-07	2.24E-07	8.1346E-05
606907.8	4201088.22	53655.93158	0.04833	0.05051	0.10863	0.1093	0.06324	0.0632	7.58E-05	2.91E-07	3.08E-07	1.06E-06	1.06E-06	2.21E-07	2.21E-07	7.8516E-05
606927.8	4201088.22	51644.20709	0.05199	0.05446	0.11438	0.11506	0.06226	0.06219	7.30E-05	3.13E-07	3.32E-07	1.12E-06	1.12E-06	2.18E-07	2.17E-07	7.5833E-05
606947.8	4201088.22	49726.25668	0.05592	0.05873	0.12077	0.12149	0.06129	0.06119	7.02E-05	3.37E-07	3.58E-07	1.18E-06	1.18E-06	2.15E-07	2.14E-07	7.3298E-05
606967.8	4201088.22	47899.07453	0.06034	0.06349	0.12785	0.12863	0.06032	0.0602	6.77E-05	3.63E-07	3.87E-07	1.25E-06	1.25E-06	2.11E-07	2.10E-07	7.0911E-05
606987.8	4201088.22	46160.90082	0.06534	0.06891	0.13579	0.13663	0.05935	0.05922	6.52E-05	3.93E-07	4.20E-07	1.33E-06	1.33E-06	2.08E-07	2.07E-07	6.8674E-05
607007.8	4201088.22	44509.80948	0.07109	0.07513	0.14473	0.14565	0.0584	0.05824	6.29E-05	4.28E-07	4.58E-07	1.41E-06	1.42E-06	2.04E-07	2.04E-07	6.6590E-05
607027.8	4201088.22	42942.25508	0.07769	0.08233	0.1549	0.15591	0.05746	0.05728	6.07E-05	4.68E-07	5.02E-07	1.51E-06	1.52E-06	2.01E-07	2.00E-07	6.4658E-05
607047.8	4201088.22	41453.49074	0.08548	0.09076	0.16663	0.16773	0.05652	0.05632	5.86E-05	5.15E-07	5.54E-07	1.63E-06	1.63E-06	1.98E-07	1.97E-07	6.2883E-05
607067.8	4201088.22	40041.99123	0.09459	0.10071	0.18014	0.18136	0.05559	0.05538	5.66E-05	5.70E-07	6.14E-07	1.76E-06	1.76E-06	1.95E-07	1.94E-07	6.1269E-05
607087.8	4201088.22	38700.06851	0.10569	0.11287	0.19606	0.19743	0.05467	0.05444	5.47E-05	6.36E-07	6.89E-07	1.91E-06	1.92E-06	1.91E-07	1.90E-07	5.9826E-05
607107.8	4201088.22	37429.82903	0.11905	0.12758	0.21472	0.21625	0.05376	0.05352	5.29E-05	7.17E-07	7.78E-07	2.10E-06	2.10E-06	1.88E-07	1.87E-07	5.8568E-05
607127.8	4201088.22	36224.08293	0.1357	0.14591	0.23717	0.23891	0.05287	0.05262	5.12E-05	8.17E-07	8.90E-07	2.32E-06	2.32E-06	1.85E-07	1.84E-07	5.7516E-05
607147.8	4201088.22	35082.04401	0.15643	0.1689	0.26433	0.26635	0.05198	0.05172	4.96E-05	9.42E-07	1.03E-06	2.58E-06	2.59E-06	1.82E-07	1.81E-07	5.6700E-05
607167.8	4201088.22	33998.25525	0.18307	0.19873	0.29823	0.30052	0.05111	0.05085	4.80E-05	1.10E-06	1.21E-06	2.91E-06	2.92E-06	1.79E-07	1.78E-07	5.6175E-05
607187.8	4201088.22	32969.42046	0.21821	0.23855	0.34172	0.34424	0.05026	0.04998	4.66E-05	1.31E-06	1.46E-06	3.34E-06	3.35E-06	1.76E-07	1.75E-07	5.6026E-05
607207.8	4201088.22	31991.93074	0.2661	0.2937	0.39951	0.40207	0.04941	0.04913	4.52E-05	1.60E-06	1.79E-06	3.90E-06	3.91E-06	1.73E-07	1.72E-07	5.6397E-05
607227.8	4201088.22	31062.9647	0.33423	0.3738	0.47986	0.48202	0.04858	0.04829	4.39E-05	2.01E-06	2.28E-06	4.69E-06	4.69E-06	1.70E-07	1.69E-07	5.7546E-05
607247.8	4201088.22	30179.21459	0.43751	0.4984	0.59894	0.59935	0.04777	0.04747	4.26E-05	2.63E-06	3.04E-06	5.85E-06	5.83E-06	1.67E-07	1.66E-07	5.9983E-05
607267.8	4201088.22	29338.04675	0.61001	0.7135	0.79269	0.78713	0.04696	0.04666	4.14E-05	3.67E-06	4.35E-06	7.74E-06	7.66E-06	1.64E-07	1.63E-07	6.4864E-05
607287.8	4201088.22	28536.69092	0.94341	1.15085	1.15797	1.12953	0.04617	0.04587	4.03E-05	5.68E-06	7.02E-06	1.13E-05	1.10E-05	1.62E-07	1.60E-07	7.5305E-05
607307.8	4201088.22	27772.87986	1.71503	2.29712	2.03513	1.88382	0.0454	0.04509	3.92E-05	1.03E-05	1.40E-05	1.99E-05	1.83E-05	1.59E-07	1.58E-07	1.0177E-04
606527.8	4201108.22	89259.25848	0.01831	0.01878	0.05442	0.05485	0.08529	0.0863	1.26E-04	1.10E-07	1.15E-07	5.31E-07	5.33E-07	2.99E-07	3.02E-07	1.2738E-04
606547.8	4201108.22	87771.56601	0.01892	0.01942	0.05597	0.05642	0.08441	0.08531	1.24E-04	1.14E-07	1.18E-07	5.47E-07	5.49E-07	2.96E-07	2.98E-07	1.2531E-04
606567.8	4201108.22	86246.87438	0.01959	0.02012	0.05763	0.05811	0.08349	0.0843	1.22E-04	1.18E-07	1.23E-07	5.63E-07	5.65E-07	2.92E-07	2.95E-07	1.2320E-04
606587.8	4201108.22	84681.84065	0.02029	0.02085	0.05938	0.05988	0.08254	0.08325	1.20E-04	1.22E-07	1.27E-07	5.80E-07	5.82E-07	2.89E-07	2.91E-07	1.2103E-04
606607.8	4201108.22	83072.00561	0.02105	0.02164	0.06126	0.06179	0.08154	0.08218	1.17E-04	1.27E-07	1.32E-07	5.98E-07	6.01E-07	2.85E-07	2.87E-07	1.1880E-04
606627.8	4201108.22	81358.98373	0.02185	0.02248	0.06324	0.0638	0.08052	0.08108	1.15E-04	1.32E-07	1.37E-07	6.18E-07	6.21E-07	2.82E-07	2.83E-07	1.1643E-04
606647.8	4201108.22	79558.58174	0.02267	0.02334	0.06533	0.06591	0.07948	0.07997	1.12E-04	1.37E-07	1.42E-07	6.38E-07	6.41E-07	2.78E-07	2.79E-07	1.1394E-04
606667.8	4201108.22	77624.57666	0.02358	0.0243	0.06757	0.06817	0.07842	0.07884	1.10E-04	1.42E-07	1.48E-07	6.60E-07	6.63E-07	2.75E-07	2.76E-07	1.1126E-04

606687.8	4201108.22	75571.80884	0.02456	0.02532	0.06997	0.07059	0.07734	0.0777	1.07E-04	1.48E-07	1.54E-07	6.83E-07	6.87E-07	2.71E-07	2.72E-07	1.0842E-04
606707.8	4201108.22	73419.25333	0.02565	0.02647	0.07255	0.07319	0.07627	0.07657	1.04E-04	1.54E-07	1.61E-07	7.08E-07	7.12E-07	2.67E-07	2.68E-07	1.0545E-04
606727.8	4201108.22	71197.37628	0.0268	0.02767	0.07527	0.07593	0.07517	0.07541	1.01E-04	1.61E-07	1.69E-07	7.35E-07	7.38E-07	2.63E-07	2.64E-07	1.0238E-04
606747.8	4201108.22	68928.4481	0.02807	0.02901	0.0782	0.07887	0.07406	0.07425	9.74E-05	1.69E-07	1.77E-07	7.64E-07	7.67E-07	2.59E-07	2.59E-07	9.9243E-05
606767.8	4201108.22	66633.59498	0.0295	0.03052	0.08137	0.08207	0.07295	0.07309	9.41E-05	1.78E-07	1.86E-07	7.95E-07	7.98E-07	2.55E-07	2.55E-07	9.6082E-05
606787.8	4201108.22	64355.71726	0.03101	0.0321	0.08472	0.08545	0.07183	0.07193	9.09E-05	1.87E-07	1.96E-07	8.27E-07	8.31E-07	2.51E-07	2.51E-07	9.2948E-05
606807.8	4201108.22	62107.14064	0.03267	0.03385	0.08834	0.08911	0.07072	0.07077	8.77E-05	1.97E-07	2.06E-07	8.63E-07	8.67E-07	2.48E-07	2.47E-07	8.9863E-05
606827.8	4201108.22	59904.30813	0.03451	0.03578	0.09227	0.09309	0.0696	0.06962	8.46E-05	2.08E-07	2.18E-07	9.01E-07	9.05E-07	2.44E-07	2.43E-07	8.6852E-05
606847.8	4201108.22	57764.0914	0.03651	0.0379	0.09652	0.09737	0.06849	0.06847	8.16E-05	2.20E-07	2.31E-07	9.43E-07	9.47E-07	2.40E-07	2.39E-07	8.3937E-05
606867.8	4201108.22	55695.36813	0.03874	0.04025	0.10083	0.10156	0.06739	0.06734	7.87E-05	2.33E-07	2.46E-07	9.85E-07	9.88E-07	2.36E-07	2.35E-07	8.1125E-05
606887.8	4201108.22	53700.227	0.04175	0.04326	0.10538	0.10636	0.0663	0.06621	7.59E-05	2.51E-07	2.64E-07	1.03E-06	1.03E-06	2.32E-07	2.31E-07	7.8434E-05
606907.8	4201108.22	51778.46354	0.04477	0.04653	0.11081	0.11188	0.06521	0.06509	7.31E-05	2.70E-07	2.84E-07	1.08E-06	1.09E-06	2.28E-07	2.27E-07	7.5865E-05
606927.8	4201108.22	49934.62454	0.04807	0.05006	0.11682	0.11797	0.06412	0.06398	7.05E-05	2.89E-07	3.05E-07	1.14E-06	1.15E-06	2.25E-07	2.24E-07	7.3419E-05
606947.8	4201108.22	48169.8006	0.05156	0.05382	0.12348	0.12474	0.06305	0.06289	6.80E-05	3.10E-07	3.28E-07	1.21E-06	1.21E-06	2.21E-07	2.20E-07	7.1101E-05
606967.8	4201108.22	46481.58207	0.05544	0.05796	0.13086	0.13225	0.06199	0.06181	6.57E-05	3.34E-07	3.54E-07	1.28E-06	1.29E-06	2.17E-07	2.16E-07	6.8910E-05
606987.8	4201108.22	44868.84012	0.05982	0.06261	0.13909	0.14067	0.06095	0.06074	6.34E-05	3.60E-07	3.82E-07	1.36E-06	1.37E-06	2.13E-07	2.12E-07	6.6849E-05
607007.8	4201108.22	43328.02436	0.06482	0.06798	0.14843	0.15018	0.05991	0.05968	6.12E-05	3.90E-07	4.15E-07	1.45E-06	1.46E-06	2.10E-07	2.09E-07	6.4919E-05
607027.8	4201108.22	41858.72137	0.07057	0.07417	0.15901	0.16102	0.05888	0.05864	5.91E-05	4.25E-07	4.52E-07	1.55E-06	1.57E-06	2.06E-07	2.05E-07	6.3125E-05
607047.8	4201108.22	40457.47033	0.07729	0.08132	0.17126	0.17358	0.05787	0.05761	5.71E-05	4.65E-07	4.96E-07	1.67E-06	1.69E-06	2.03E-07	2.01E-07	6.1471E-05
607067.8	4201108.22	39121.98738	0.08518	0.08978	0.18551	0.18822	0.05687	0.0566	5.53E-05	5.13E-07	5.48E-07	1.81E-06	1.83E-06	1.99E-07	1.98E-07	5.9965E-05
607087.8	4201108.22	37851.70956	0.09451	0.09981	0.2021	0.20533	0.05588	0.0556	5.35E-05	5.69E-07	6.09E-07	1.97E-06	2.00E-06	1.96E-07	1.94E-07	5.8617E-05
607107.8	4201108.22	36642.3143	0.10581	0.11197	0.22176	0.22567	0.05491	0.05461	5.18E-05	6.37E-07	6.83E-07	2.17E-06	2.19E-06	1.92E-07	1.91E-07	5.7441E-05
607127.8	4201108.22	35492.46804	0.11959	0.1268	0.2453	0.25016	0.05395	0.05365	5.01E-05	7.20E-07	7.73E-07	2.40E-06	2.43E-06	1.89E-07	1.87E-07	5.6458E-05
607147.8	4201108.22	34397.96316	0.13673	0.14534	0.27407	0.28027	0.05301	0.05269	4.86E-05	8.23E-07	8.87E-07	2.68E-06	2.73E-06	1.86E-07	1.84E-07	5.5702E-05
607167.8	4201108.22	33358.09381	0.15807	0.16866	0.30976	0.31786	0.05208	0.05176	4.71E-05	9.52E-07	1.03E-06	3.03E-06	3.09E-06	1.82E-07	1.81E-07	5.5218E-05
607187.8	4201108.22	32368.81476	0.18544	0.1989	0.35552	0.3664	0.05117	0.05085	4.57E-05	1.12E-06	1.21E-06	3.47E-06	3.56E-06	1.79E-07	1.78E-07	5.5089E-05
607207.8	4201108.22	31426.93462	0.2214	0.23923	0.41617	0.43133	0.05028	0.04995	4.44E-05	1.33E-06	1.46E-06	4.06E-06	4.20E-06	1.76E-07	1.75E-07	5.5444E-05
607227.8	4201108.22	30530.00493	0.27029	0.29506	0.50008	0.52233	0.0494	0.04907	4.31E-05	1.63E-06	1.80E-06	4.88E-06	5.08E-06	1.73E-07	1.71E-07	5.6517E-05
607247.8	4201108.22	29675.44639	0.34025	0.37668	0.62316	0.65811	0.04854	0.0482	4.19E-05	2.05E-06	2.30E-06	6.09E-06	6.40E-06	1.70E-07	1.68E-07	5.8751E-05
607267.8	4201108.22	28860.92475	0.44835	0.50629	0.81929	0.88012	0.04769	0.04735	4.08E-05	2.70E-06	3.09E-06	8.00E-06	8.56E-06	1.67E-07	1.65E-07	6.3117E-05
607287.8	4201108.22	28084.09119	0.63381	0.73976	1.17287	1.29618	0.04686	0.04652	3.97E-05	3.82E-06	4.51E-06	1.15E-05	1.26E-05	1.64E-07	1.63E-07	7.2060E-05
607307.8	4201108.22	27342.53209	0.97654	1.23148	1.93063	2.23698	0.04605	0.0457	3.86E-05	5.88E-06	7.51E-06	1.89E-05	2.18E-05	1.61E-07	1.60E-07	9.2626E-05
606527.8	4201128.22	83759.88554	0.01744	0.01784	0.05469	0.05518	0.09041	0.09129	1.18E-04	1.05E-07	1.09E-07	5.34E-07	5.37E-07	3.17E-07	3.19E-07	1.1960E-04
606547.8	4201128.22	82374.63131	0.01803	0.01846	0.05629	0.05681	0.08929	0.09005	1.16E-04	1.09E-07	1.13E-07	5.50E-07	5.53E-07	3.13E-07	3.15E-07	1.1768E-04
606567.8	4201128.22	80968.40422	0.01865	0.01911	0.05798	0.05852	0.08812	0.08881	1.14E-04	1.12E-07	1.17E-07	5.66E-07	5.69E-07	3.09E-07	3.10E-07	1.1574E-04
606587.8	4201128.22	79531.23862	0.01929	0.01977	0.05974	0.06032	0.08695	0.08754	1.12E-04	1.16E-07	1.21E-07	5.83E-07	5.87E-07	3.04E-07	3.06E-07	1.1375E-04
606607.8	4201128.22	78058.22131	0.02	0.0205	0.06165	0.06225	0.08574	0.08626	1.10E-04	1.20E-07	1.25E-07	6.02E-07	6.05E-07	3.00E-07	3.01E-07	1.1172E-04
606627.8	4201128.22	76501.62533	0.02075	0.02128	0.06367	0.06431	0.08453	0.08495	1.08E-04	1.25E-07	1.30E-07	6.22E-07	6.25E-07	2.96E-07	2.97E-07	1.0957E-04
606647.8	4201128.22	74881.88746	0.02151	0.02208	0.06579	0.06646	0.08329	0.08365	1.06E-04	1.30E-07	1.35E-07	6.42E-07	6.46E-07	2.92E-07	2.92E-07	1.0733E-04
606667.8	4201128.22	73152.85189	0.02237	0.02297	0.06809	0.0688	0.08204	0.08234	1.03E-04	1.35E-07	1.40E-07	6.65E-07	6.69E-07	2.87E-07	2.88E-07	1.0494E-04
606687.8	4201128.22	71325.83296	0.02331	0.02396	0.07058	0.07132	0.08078	0.08102	1.01E-04	1.40E-07	1.46E-07	6.89E-07	6.94E-07	2.83E-07	2.83E-07	1.0242E-04
606707.8	4201128.22	69415.3701	0.02433	0.02501	0.07323	0.07399	0.07953	0.07972	9.81E-05	1.47E-07	1.53E-07	7.15E-07	7.20E-07	2.78E-07	2.79E-07	9.9788E-05
606727.8	4201128.22	67445.6692	0.0254	0.02613	0.07602	0.07681	0.07827	0.0784	9.53E-05	1.53E-07	1.59E-07	7.42E-07	7.47E-07	2.74E-07	2.74E-07	9.7074E-05
606747.8	4201128.22	65432.40442	0.02659	0.02737	0.07903	0.07985	0.077	0.07708	9.24E-05	1.60E-07	1.67E-07	7.72E-07	7.77E-07	2.70E-07	2.69E-07	9.4304E-05
606767.8	4201128.22	63391.98978	0.0279	0.02874	0.08227	0.08312	0.07574	0.07577	8.95E-05	1.68E-07	1.75E-07	8.03E-07	8.08E-07	2.65E-07	2.65E-07	9.1501E-05
606787.8	4201128.22	61359.74864	0.02927	0.03017	0.08569	0.08659	0.07448	0.07447	8.67E-05	1.76E-07	1.84E-07	8.37E-07	8.42E-07	2.61E-07	2.60E-07	8.8714E-05
606807.8	4201128.22	59347.87401	0.03076	0.03173	0.08937	0.09032	0.07323	0.07319	8.38E-05	1.85E-07	1.94E-07	8.73E-07	8.78E-07	2.56E-07	2.56E-07	8.5963E-05
606827.8	4201128.22	57367.46189	0.03242	0.03346	0.09337	0.0944	0.07199	0.07191	8.10E-05	1.95E-07	2.04E-07	9.12E-07	9.18E-07	2.52E-07	2.51E-07	8.3265E-05
606847.8	4201128.22	55429.34371	0.03429	0.03541	0.09777	0.09889	0.07075	0.07064	7.83E-05	2.06E-07	2.16E-07	9.55E-07	9.62E-07	2.48E-07	2.47E-07	8.0637E-05
606867.8	4201128.22	53552.38629	0.03627	0.03754	0.10227	0.10317	0.06953	0.06939	7.56E-05	2.18E-07	2.29E-07	9.99E-07	1.00E-06	2.43E-07	2.42E-07	7.8096E-05
606887.8	4201128.22	51733.301	0.03913	0.04034	0.10709	0.10837	0.06832	0.06815	7.31E-05	2.36E-07	2.46E-07	1.05E-06	1.05E-06	2.39E-07	2.38E-07	7.5659E-05
606907.8	4201128.22	49980.69694	0.04175	0.04314	0.11266	0.11407	0.06713	0.06693	7.06E-05	2.51E-07	2.63E-07	1.10E-06	1.11E-06	2.35E-07	2.34E-07	7.3326E-05
606927.8	4201128.22	48289.37942	0.04471	0.04627	0.11886	0.12043	0.06595	0.06572	6.82E-05	2.69E-07	2.82E-07	1.16E-06	1.17E-06	2.31E-07	2.30E-07	7.1096E-05
606947.8	4201128.22	46662.95059	0.04794	0.04975	0.12573	0.12743	0.06478	0.06453	6.59E-05	2.89E-07	3.03E-07	1.23E-06	1.24E-06	2.27E-07	2.26E-07	6.8974E-05
606967.8	4201128.22	45101.00746	0.05147	0.05343	0.1334	0.1353	0.06362	0.06336	6.37E-05	3.10E-07	3.26E-07	1.30E-06	1.32E-06	2.23E-07	2.21E-07	6.6963E-05
606987.8	4201128.22	43602.23995	0.05542	0.05757	0.14198	0.14415	0.06249	0.0622	6.16E-05	3.34E-07	3.51E-07	1.39E-06	1.40E-06	2.19E-07	2.17E-07	6.5065E-05
607007.8	4201128.22	42166.39193	0.05987	0.06229	0.15164	0.15408	0.06136	0.06106	5.96E-05	3.61E-07	3.80E-07	1.48E-06	1.50E-06	2.15E-07	2.13E-07	6.3283E-05
607027.8	4201128.22	40791.92875	0.06497	0.06767	0.16258	0.16536	0.06026	0.05995	5.76E-05	3.91E-07	4.13E-07	1.59E-06	1.61E-06	2.11E-07	2.10E-07	6.1622E-05
607047.8	4201128.22	39475.30087	0.07093	0.0739	0.17527	0.17851	0.05917	0.05884	5.58E-05	4.27E-07	4.51E-07	1.71E-06	1.74E-06	2.07E-07	2.06E-07	6.0087E-05
607067.8	4201128.22	38216.72821	0.07787	0.08118	0.18999	0.19382	0.05809	0.05776	5.40E-05	4.69E-07	4.95E-07	1.86E-06	1.89E-06	2.03E-07	2.02E-07	5.8688E-05
607087.8	4201128.22	37013.12917	0.08614	0.08986	0.20731	0.21191	0.05704	0.05669	5.23E-05	5.19E-07	5.48E-07	2.02E-06	2.06E-06	2.00E-07	1.98E-07	5.7436E-05
607107.8	4201128.22	35866.64147	0.09588	0.10011	0.22764	0.23324	0.056	0.05565	5.07E-05	5.77E-07	6.11E-07	2.22E-06	2.27E-06	1.96E-07	1.94E-07	5.6344E-05
607127.8	4201128.22	34771.08371	0.10777	0.11259	0.25215	0.25917	0.05498	0.05462	4.91E-05	6.49E-07	6.87E-07	2.46E-06	2.52E-06	1.93E-07	1.91E-07	5.5435E-05
607147.8	4201128.22	33725.72562	0.12229	0.12793	0.28205	0.29109	0.05398	0.05362	4.76E-05	7.36E-07	7.80E-07	2.75E-06	2.83E-06	1.89E-07	1.87E-07	5.4742E-05
607167.8	4201128.22	32729.81876	0.14003	0.14686	0.31917	0.33111	0.053	0.05263	4.62E-05	8.43E-07	8.96E-07	3.12E-06	3.22E-06	1.86E-07	1.84E-07	5.4310E-05
607187.8	4201128.22	31779.70515	0.16221	0.17079	0.36673	0.383	0.05204	0.05167	4.49E-05	9.77E-07	1.04E-06	3.58E-06	3.72E-06	1.82E-07	1.81E-07	5.4216E-05
607207.8	4201128.22	30873.09771	0.19045	0.20172	0.42971	0.45279	0.0511	0.05072	4.36E-05	1.15E-06	1.23E-06	4.20E-06	4.40E-06	1.79E-07	1.77E-07	5.4588E-05
607227.8	4201128.22	30008.10449	0.22744	0.24295	0.51667	0.55117	0.05017	0.04979	4.24E-05	1.37E-06	1.48E-06	5.05E-06	5.36E-06	1.76E-07	1.74E-07	5.5646E-05
607247.8	4201128.22	29182.60335	0.278	0.30054	0.64378	0.69901	0.04926	0.04888	4.12E-05	1.67E-06	1.83E-06	6.29E-06	6.80E-06	1.72E-07	1.71E-07	5.7815E-05
607267.8	4201128.22	28394.43073	0.35113	0.38671	0.84488	0.94262	0.04838	0.048	4.01E-05	2.11E-06	2.36E-06	8.25E-06	9.17E-06	1.69E-07	1.68E-07	6.2001E-05
607287.8	4201128.22	27641.45372	0.46313	0.52774	1.20172	1.40259	0.04751	0.04713	3.90E-05	2.79E-06	3.22E-06	1.17E-05	1.36E-05	1.66E-07	1.65E-07	7.0430E-05
607307.8	4201128.22	26921.59283	0.63308	0.7709	1.93945	2.44029	0.04665	0.04627	3.80E-05	3.81E-06	4.70E-06	1.89E-05	2.37E-05	1.63E-07	1.62E-07	8.9217E-05
606527.8	4201148.22	78848.91934	0.01669	0.01704	0.05494	0.05548	0.09561	0.09635	1.11E-04	1.00E-07	1.04E-07	5.37E-07	5.40E-07	3.35E-07	3.37E-07	1.1266E-04
606547.8	4201148.22	77559.49903	0.01724	0.01761	0.05655	0.05712	0.09423	0.09487	1.10E-04	1.04E-07	1.07E-07	5.52E-07	5.56E-07	3.30E-07	3.32E-07	1.1088E-04
606567.8	4201148.22	76269.61526	0.01782	0.01821	0.05825	0.05885	0.09283	0.09336	1.08E-04	1.07E-07	1.11E-07	5.69E-07	5.72E-07	3.25E-07	3.26E-07	1.0910E-04
606587.8	4201148.22	74937.28892	0.01844	0.01885	0.06005	0.06069	0.09141	0.09185	1.06E-04	1.11E-07	1.15E-07	5.86E-07	5.90E-07	3.20E-07	3.21E-07	1.0726E-04
606607.8	4201148.22	73583.26952	0.01909	0.01953	0.06198	0.06265	0.08998	0.09035	1.04E-04	1.15E-07	1.19E-07	6.05E-07	6.09E-07	3.15E-07	3.16E-07	1.0539E-04
606627.8	4201148.22	72172.80716	0.01976	0.02022	0.06398	0.06469	0.08855	0.08884	1.02E-04	1.19E-07	1.23E-07	6.25E-07	6.29E-07	3.10E-07	3.10E-07	1.0345E-04
606647.8	4201148.22	70694.72975	0.02053	0.02101	0.06619	0.06694	0.08711	0.08733	9.99E-05	1.24E-07	1.28E-07	6.46E-07	6.51E-07	3.05E-07	3.05E-07	1.0141E-04
606667.8	4201148.22	69138.70221	0.02134	0.02185	0.06854	0.06934	0.08566	0.08583	9.77E-05	1.28E-07	1.33E-07	6.69E-07	6.74E-07	3.00E-07	3.00E-07	9.9269E-05
606687.8	4201148.22	67504.98804	0.02222	0.02277	0.07108	0.07191	0.08421	0.08432	9.54E-05	1.34E-07	1.39E-07	6.94E-07	6.99E-07	2.95E-07	2.95E-07	9.7022E-05
606707.8	4201148.22	65800.46553	0.02317	0.02375	0.07378	0.07465	0.08278	0.08284	9.29E-05	1.40E-07	1.45E-07	7.21E-07	7.26E-07	2.90E-07	2.89E-07	9.4679E-05
606727.8	4201148.22	64039.72828	0.02422	0.02483	0.07668	0.07758	0.08134	0.08135	9.05E-05	1.46E-07	1.51E-07	7.49E-07	7.55E-07	2.85E-07	2.84E-07	9.2262E-05
606747.8	4201148.22	62242.73061	0.02531	0.02597	0.07973	0.08068	0.07991	0.07987	8.79E-05	1.52E-07	1.58E-07	7.79E-07	7.85E-07	2.80E-07	2.79E-07	8.9797E-05
606767.8	4201148.22	60429.1919	0.02646	0.02716	0.08296	0.08395	0.0785	0.07842	8.54E-05	1.59E-07	1.66E-07	8.10E-07	8.16E-07	2.75E-07	2.74E-07	8.7312E-05
606787.8	4201148.22	58601.37682	0.02776	0.02851	0.08647	0.08752	0.07709	0.07698	8.28E-05	1.67E-07	1.74E-07	8.44E-07	8.51E-07	2.70E-07	2.69E-07	8.4815E-05
606807.8	4201148.22	56787.75662	0.02915	0.02995	0.09023	0.09134	0.07571	0.07555	8.02E-05	1.76E-07	1.83E-07	8.81E-07	8.88E-07	2.65E-07	2.64E-07	8.2345E-05
606827.8	4201148.22	54996.68626	0.03069	0.03154	0.09432	0.09552	0.07433	0.07414	7.77E-05	1.85E-07	1.92E-07	9.21E-07	9.29E-07	2.60E-07	2.59E-07	7.9914E-05
606847.8	4201148.22	53241.62303	0.03238	0.03329	0.09877	0.10008	0.07297	0.07275	7.52E-05	1.95E-07	2.03E-07	9.65E-07	9.73E-07	2.55E-07	2.54E-07	7.7544E-05
606867.8	4201148.22	51527.99919	0.03427	0.03529	0.10338	0.10452	0.07162	0.07138	7.28E-05	2.06E-07	2.15E-07	1.01E-06	1.02E-06	2.51E-07	2.49E-07	7.5235E-05
606887.8	4201148.22	49868.7276	0.03678	0.03744	0.10856	0.11005	0.0703	0.07003	7.04E-05	2.21E-07	2.28E-07	1.06E-06	1.07E-06	2.46E-07	2.45E-07	7.3024E-05
606907.8	4201148.22	48259.43017	0.03935	0.04043	0.11423	0.11592	0.069	0.06871	6.82E-05	2.37E-07	2.47E-07	1.12E-06	1.13E-06	2.42E-07	2.40E-07	7.0897E-05
606927.8	4201148.22	46704.38218	0.04206	0.04329	0.1206	0.12248	0.06771	0.0674	6.60E-05	2.53E-07	2.64E-07	1.18E-06	1.19E-06	2.37E-07	2.36E-07	6.8860E-05
606947.8	4201148.22	45203.45796	0.04503	0.04645	0.12768	0.12974	0.06644	0.06611	6.39E-05	2.71E-07	2.83E-07	1.25E-06	1.26E-06	2.33E-07	2.31E-07	6.6916E-05
606967.8	4201148.22	43756.58013	0.04829	0.0498	0.13563	0.13794	0.06519	0.06485	6.18E-05	2.91E-07	3.04E-07	1.32E-06	1.34E-06	2.28E-07	2.27E-07	6.5070E-05
606987.8	4201148.22	42364.20895	0.05189	0.05357	0.14453	0.14713	0.06396	0.06361	5.98E-05	3.12E-07	3.27E-07	1.41E-06	1.43E-06	2.24E-07	2.22E-07	6.3324E-05
607007.8	4201148.22	41026.78595	0.05596	0.05778	0.15449	0.15744	0.06276	0.06239	5.80E-05	3.37E-07	3.52E-07	1.51E-06	1.53E-06	2.20E-07	2.18E-07	6.1683E-05
607027.8	4201148.22	39742.85348	0.06056	0.06256	0.16573	0.16912	0.06157	0.06119	5.61E-05	3.65E-07	3.82E-07	1.62E-06	1.64E-06	2.16E-07	2.14E-07	6.0149E-05
607047.8	4201148.22	38508.41473	0.06595	0.06809	0.17877	0.1827	0.06041	0.06002	5.44E-05	3.97E-07	4.15E-07	1.75E-06	1.78E-06	2.12E-07	2.10E-07	5.8731E-05
607067.8	4201148.22	37324.56701	0.07219	0.07452	0.19388	0.19851	0.05927	0.05887	5.27E-05	4.35E-07	4.55E-07	1.89E-06	1.93E-06	2.08E-07	2.06E-07	5.7437E-05
607087.8	4201148.22	36188.12382	0.07961	0.08217	0.2117	0.21725	0.05814	0.05774	5.11E-05	4.79E-07	5.01E-07	2.07E-06	2.11E-06	2.04E-07	2.02E-07	5.6279E-05
607107.8	4201148.22	35100.63137	0.08838	0.09123	0.23278	0.23952	0.05704	0.05663	4.96E-05	5.32E-07	5.57E-07	2.27E-06	2.33E-06	2.00E-07	1.98E-07	5.5274E-05
607127.8	4201148.22	34058.79077	0.0989	0.10211	0.25819	0.2666	0.05596	0.05555	4.81E-05	5.96E-07	6.23E-07	2.52E-06	2.59E-06	1.96E-07	1.94E-07	5.4443E-05
607147.8	4201148.22	33063.4357	0.1114	0.11515	0.28897	0.29975	0.05491	0.05449	4.67E-05	6.71E-07	7.02E-07	2.82E-06	2.92E-06	1.92E-07	1.90E-07	5.3815E-05
607167.8	4201148.22	32111.12649	0.12648	0.13107	0.32739	0.34158	0.05387	0.05345	4.54E-05	7.62E-07	8.00E-07	3.20E-06	3.32E-06	1.89E-07	1.87E-07	5.3440E-05
607187.8	4201148.22	31200.21907	0.14487	0.15074	0.37665	0.39596	0.05286	0.05244	4.41E-05	8.72E-07	9.20E-07	3.68E-06	3.85E-06	1.85E-07	1.83E-07	5.3394E-05
607207.8	4201148.22	30329.05505	0.16759	0.17548	0.44192	0.46932	0.05187	0.05145	4.28E-05	1.01E-06	1.07E-06	4.32E-06	4.56E-06	1.82E-07	1.80E-07	5.3802E-05
607227.8	4201148.22	29495.90812	0.19633	0.20743	0.53207	0.57313	0.0509	0.05047	4.17E-05	1.18E-06	1.27E-06	5.20E-06	5.57E-06	1.78E-07	1.76E-07	5.4883E-05
607247.8	4201148.22	28699.23394	0.23389	0.25038	0.66377	0.72984	0.04995	0.04953	4.05E-05	1.41E-06	1.53E-06	6.48E-06	7.10E-06	1.75E-07	1.73E-07	5.7056E-05
607267.8	4201148.22	27937.03265	0.28468	0.31105	0.87134	0.98918	0.04902	0.0486	3.95E-05	1.71E-06	1.90E-06	8.51E-06	9.62E-06	1.72E-07	1.70E-07	6.1204E-05
607287.8	4201148.22	27207.83009	0.3548	0.40019	1.23508	1.47896	0.04811	0.04769	3.84E-05	2.14E-06	2.44E-06	1.21E-05	1.44E-05	1.68E-07	1.67E-07	6.9456E-05
607307.8	4201148.22	26507.94422	0.45058	0.53166	1.97295	2.57589	0.04722	0.0468	3.74E-05	2.71E-06	3.24E-06	1.93E-05	2.51E-05	1.65E-07	1.64E-07	8.7720E-05
606527.8	4201168.22	74450.43151	0.01602	0.01632	0.05513	0.05572	0.1009	0.10145	1.05E-04	9.65E-08	9.96E-08	5.38E-07	5.42E-07	3.53E-07	3.55E-07	1.0644E-04
606547.8	4201168.22	73257.10793	0.01653	0.01686	0.05675	0.05737	0.09923	0.0997	1.03E-04	9.95E-08	1.03E-07	5.54E-07	5.58E-07	3.47E-07	3.48E-07	1.0480E-04
606567.8	4201168.22	72058.55315	0.01708	0.01742	0.05845	0.0591	0.09757	0.09795	1.02E-04	1.03E-07	1.06E-07	5.71E-07	5.75E-07	3.42E-07	3.42E-07	1.0314E-04
606587.8	4201168.22	70824.64568	0.01766	0.01802	0.06028	0.06096	0.0959	0.09619	1.00E-04	1.06E-07	1.10E-07	5.89E-07	5.93E-07	3.36E-07	3.36E-07	1.0144E-04
606607.8	4201168.22	69575.7711	0.01828	0.01865	0.06221	0.06294	0.09423	0.09444	9.83E-05	1.10E-07	1.14E-07	6.08E-07	6.12E-07	3.30E-07	3.30E-07	9.9724E-05
606627.8	4201168.22	68279.1385	0.01892	0.01932	0.06425	0.06502	0.09256	0.09271	9.64E-05	1.14E-07	1.18E-07	6.27E-07	6.32E-07	3.24E-07	3.24E-07	9.7941E-05
606647.8	4201168.22	66931.75318	0.01965	0.02006	0.06649	0.06731	0.0909	0.09099	9.45E-05	1.18E-07	1.22E-07	6.49E-07	6.55E-07	3.18E-07	3.18E-07	9.6091E-05
606667.8	4201168.22	65521.26691	0.02043	0.02087	0.06889	0.06976	0.08925	0.08928	9.26E-05	1.23E-07	1.27E-07	6.73E-07	6.78E-07	3.12E-07	3.12E-07	9.4155E-05
606687.8	4201168.22	64053.32769	0.02125	0.02171	0.07144	0.07236	0.08761	0.08759	9.05E-05	1.28E-07	1.32E-07	6.98E-07	7.04E-07	3.07E-07	3.06E-07	9.2142E-05
606707.8	4201168.22	62516.37646	0.02217	0.02266	0.07423	0.07519	0.08599	0.08592	8.83E-05	1.33E-07	1.38E-07	7.25E-07	7.31E-07	3.01E-07	3.00E-07	9.0037E-05
606727.8	4201168.22	60933.55971	0.02318	0.0237	0.07721	0.07822	0.08437	0.08425	8.61E-05	1.40E-07	1.45E-07	7.54E-07	7.61E-07	2.95E-07	2.94E-07	8.7872E-05
606747.8	4201168.22	59320.84526	0.02421	0.02476	0.08032	0.08137	0.08277	0.08261	8.38E-05	1.46E-07	1.51E-07	7.84E-07	7.91E-07	2.90E-07	2.89E-07	8.5668E-05
606767.8	4201168.22	57687.67802	0.02532	0.0259	0.08363	0.08473	0.0812	0.081	8.15E-05	1.52E-07	1.58E-07	8.17E-07	8.24E-07	2.84E-07	2.83E-07	8.3439E-05
606787.8	4201168.22	56044.53034	0.02651	0.02713	0.08717	0.08833	0.07965	0.07942	7.92E-05	1.60E-07	1.65E-07	8.51E-07	8.59E-07	2.79E-07	2.78E-07	8.1203E-05
606807.8	4201168.22	54403.74655	0.02782	0.02847	0.091	0.09223	0.07812	0.07785	7.68E-05	1.68E-07	1.74E-07	8.89E-07	8.97E-07	2.74E-07	2.72E-07	7.8976E-05
606827.8	4201168.22	52781.9888	0.02923	0.02992	0.09511	0.09645	0.07661	0.07632	7.46E-05	1.76E-07	1.83E-07	9.29E-07	9.38E-07	2.68E-07	2.67E-07	7.6784E-05
606847.8	4201168.22	51184.22056	0.03081	0.03154	0.09963	0.10108	0.07512	0.0748	7.23E-05	1.86E-07	1.92E-07	9.73E-07	9.83E-07	2.63E-07	2.61E-07	7.4635E-05
606867.8	4201168.22	49618.09171	0.03258	0.0334	0.10434	0.10568	0.07366	0.07331	7.01E-05	1.96E-07	2.04E-07	1.02E-06	1.03E-06	2.58E-07	2.56E-07	7.2536E-05
606887.8	4201168.22	48094.9025	0.03503	0.03577	0.10971	0.11143	0.07222	0.07185	6.79E-05	2.11E-07	2.18E-07	1.07E-06	1.08E-06	2.53E-07	2.51E-07	7.0522E-05
606907.8	4201168.22	46614.84523	0.03742	0.03828	0.11556	0.11747	0.0708	0.07042	6.58E-05	2.25E-07	2.34E-07	1.13E-06	1.14E-06	2.48E-07	2.46E-07	6.8577E-05
606927.8	4201168.22	45179.60482	0.04001	0.04099	0.12208	0.12418	0.0694	0.06901	6.38E-05	2.41E-07	2.50E-07	1.19E-06	1.21E-06	2.43E-07	2.41E-07	6.6710E-05
606947.8	4201168.22	43794.19851	0.04267	0.04377	0.12936	0.13171	0.06804	0.06763	6.19E-05	2.57E-07	2.67E-07	1.26E-06	1.28E-06	2.38E-07	2.36E-07	6.4931E-05
606967.8	4201168.22	42454.73996	0.04564	0.04682	0.13751	0.14015	0.0667	0.06628	6.00E-05	2.75E-07	2.86E-07	1.34E-06	1.36E-06	2.34E-07	2.32E-07	6.3237E-05
606987.8	4201168.22	41162.09826	0.04897	0.05023	0.14663	0.1496	0.06538	0.06495	5.81E-05	2.95E-07	3.06E-07	1.43E-06	1.45E-06	2.29E-07	2.27E-07	6.1633E-05
607007.8	4201168.22	39915.84061	0.05271	0.05408	0.15685	0.16021	0.0641	0.06365	5.64E-05	3.17E-07	3.30E-07	1.53E-06	1.56E-06	2.24E-07	2.22E-07	6.0121E-05
607027.8	4201168.22	38715.43431	0.05699	0.05845	0.16844	0.17227	0.06283	0.06238	5.47E-05	3.43E-07	3.57E-07	1.64E-06	1.68E-06	2.20E-07	2.18E-07	5.8709E-05
607047.8	4201168.22	37556.23793	0.06202	0.06356	0.18191	0.18637	0.06159	0.06113	5.31E-05	3.73E-07	3.88E-07	1.78E-06	1.81E-06	2.16E-07	2.14E-07	5.7401E-05
607067.8	4201168.22	36443.59974	0.06776	0.0694	0.19742	0.20264	0.06038	0.05992	5.15E-05	4.08E-07	4.23E-07	1.93E-06	1.97E-06	2.11E-07	2.09E-07	5.6209E-05
607087.8	4201168.22	35373.98942	0.07447	0.07623	0.21557	0.22179	0.05919	0.05873	5.00E-05	4.48E-07	4.65E-07	2.11E-06	2.16E-06	2.07E-07	2.05E-07	5.5144E-05
607107.8	4201168.22	34343.70125	0.0825	0.08444	0.23737	0.24491	0.05802	0.05756	4.85E-05	4.97E-07	5.15E-07	2.32E-06	2.38E-06	2.03E-07	2.01E-07	5.4225E-05
607127.8	4201168.22	33356.85534	0.09178	0.09399	0.26334	0.27266	0.05689	0.05642	4.71E-05	5.53E-07	5.73E-07	2.57E-06	2.65E-06	1.99E-07	1.97E-07	5.3469E-05
607147.8	4201168.22	32409.50516	0.10274	0.10538	0.29506	0.30691	0.05578	0.05531	4.58E-05	6.19E-07	6.43E-07	2.88E-06	2.98E-06	1.95E-07	1.93E-07	5.2909E-05
607167.8	4201168.22	31500.5572	0.11568	0.11903	0.33468	0.35016	0.05469	0.05422	4.45E-05	6.97E-07	7.26E-07	3.27E-06	3.41E-06	1.91E-07	1.89E-07	5.2593E-05
607187.8	4201168.22	30628.30469	0.13111	0.13558	0.38565	0.4066	0.05363	0.05316	4.33E-05	7.89E-07	8.27E-07	3.77E-06	3.95E-06	1.88E-07	1.86E-07	5.2602E-05
607207.8	4201168.22	29792.93179	0.14946	0.15569	0.45299	0.48255	0.05259	0.05212	4.21E-05	9.00E-07	9.50E-07	4.42E-06	4.69E-06	1.84E-07	1.82E-07	5.3051E-05
607227.8	4201168.22	28991.71699	0.17198	0.181	0.54633	0.5905	0.05157	0.05111	4.10E-05	1.04E-06	1.10E-06	5.34E-06	5.74E-06	1.81E-07	1.79E-07	5.4171E-05
607247.8	4201168.22	28223.87417	0.20006	0.21369	0.68282	0.75391	0.05058	0.05012	3.99E-05	1.20E-06	1.30E-06	6.67E-06	7.33E-06	1.77E-07	1.75E-07	5.6377E-05
607267.8	4201168.22	27487.81676	0.23573	0.25693	0.89764	1.02478	0.04961	0.04916	3.88E-05	1.42E-06	1.57E-06	8.77E-06	9.97E-06	1.74E-07	1.72E-07	6.0548E-05
607287.8	4201168.22	26781.9351	0.28237	0.3151	1.27431	1.53728	0.04867	0.04821	3.78E-05	1.70E-06	1.92E-06	1.24E-05	1.50E-05	1.70E-07	1.68E-07	6.8850E-05
607307.8	4201168.22	26104.15436	0.3424	0.39319	2.03248	2.67489	0.04774	0.04729	3.69E-05	2.06E-06	2.40E-06	1.98E-05	2.60E-05	1.67E-07	1.65E-07	8.7198E-05
606527.8	4201188.22	70486.67085	0.01542	0.01569	0.0553	0.05592	0.10621	0.10658	9.96E-05	9.28E-08	9.57E-08	5.40E-07	5.44E-07	3.72E-07	3.72E-07	1.0084E-04
606547.8	4201188.22	69379.76204	0.0159	0.01618	0.0569	0.05755	0.10425	0.10453	9.80E-05	9.57E-08	9.87E-08	5.56E-07	5.60E-07	3.65E-07	3.65E-07	9.9314E-05
606567.8	4201188.22	68262.26623	0.01642	0.01672	0.05862	0.05931	0.10231	0.10251	9.64E-05	9.89E-08	1.02E-07	5.72E-07	5.77E-07	3.58E-07	3.58E-07	9.7776E-05
606587.8	4201188.22	67116.5484	0.01697	0.01729	0.06045	0.06118	0.10038	0.1005	9.48E-05	1.02E-07	1.05E-07	5.90E-07	5.95E-07	3.51E-07	3.51E-07	9.6200E-05
606607.8	4201188.22	65961.72555	0.01755	0.01788	0.06238	0.06315	0.09845	0.09851	9.32E-05	1.06E-07	1.09E-07	6.09E-07	6.14E-07	3.45E-07	3.44E-07	9.4614E-05
606627.8	4201188.22	64763.83955	0.01817	0.01852	0.06445	0.06527	0.09656	0.09654	9.15E-05	1.09E-07	1.13E-07	6.29E-07	6.35E-07	3.38E-07	3.37E-07	9.2970E-05
606647.8	4201188.22	63529.95045	0.01886	0.01922	0.06671	0.06758	0.09468	0.0946	8.97E-05	1.14E-07	1.17E-07	6.51E-07	6.57E-07	3.32E-07	3.31E-07	9.1280E-05
606667.8	4201188.22	62246.32126	0.0196	0.01998	0.06913	0.07006	0.09282	0.09268	8.79E-05	1.18E-07	1.22E-07	6.75E-07	6.81E-07	3.25E-07	3.24E-07	8.9524E-05
606687.8	4201188.22	60908.58077	0.02042	0.02082	0.07177	0.07275	0.09096	0.09079	8.60E-05	1.23E-07	1.27E-07	7.01E-07	7.08E-07	3.18E-07	3.17E-07	8.7696E-05
606707.8	4201188.22	59521.86948	0.0213	0.02171	0.07458	0.07562	0.08915	0.08894	8.41E-05	1.28E-07	1.32E-07	7.28E-07	7.35E-07	3.12E-07	3.11E-07	8.5804E-05
606727.8	4201188.22	58095.85402	0.02224	0.02268	0.07759	0.07868	0.08735	0.08709	8.21E-05	1.34E-07	1.38E-07	7.58E-07	7.65E-07	3.06E-07	3.04E-07	8.3860E-05
606747.8	4201188.22	56638.04506	0.02323	0.02369	0.08077	0.08191	0.08558	0.08529	8.00E-05	1.40E-07	1.45E-07	7.89E-07	7.97E-07	3.00E-07	2.98E-07	8.1875E-05
606767.8	4201188.22	55161.39588	0.02429	0.02478	0.08415	0.08534	0.08384	0.08352	7.79E-05	1.46E-07	1.51E-07	8.22E-07	8.30E-07	2.94E-07	2.92E-07	7.9869E-05
606787.8	4201188.22	53672.50312	0.02544	0.02595	0.08776	0.08902	0.08214	0.08178	7.58E-05	1.53E-07	1.58E-07	8.57E-07	8.66E-07	2.88E-07	2.86E-07	7.7851E-05
606807.8	4201188.22	52182.65623	0.02669	0.02723	0.09165	0.09299	0.08046	0.08008	7.37E-05	1.61E-07	1.66E-07	8.95E-07	9.04E-07	2.82E-07	2.80E-07	7.5838E-05
606827.8	4201188.22	50705.71328	0.02803	0.0286	0.09582	0.09726	0.07882	0.07841	7.16E-05	1.69E-07	1.74E-07	9.36E-07	9.46E-07	2.76E-07	2.74E-07	7.3850E-05
606847.8	4201188.22	49246.31479	0.02953	0.03012	0.10039	0.1018	0.0772	0.07678	6.96E-05	1.78E-07	1.84E-07	9.80E-07	9.90E-07	2.70E-07	2.68E-07	7.1896E-05
606867.8	4201188.22	47815.03118	0.0312	0.03182	0.10517	0.10669	0.07562	0.07517	6.75E-05	1.88E-07	1.94E-07	1.03E-06	1.04E-06	2.65E-07	2.63E-07	6.9989E-05
606887.8	4201188.22	46410.88336	0.03366	0.03428	0.11072	0.1126	0.07406	0.0736	6.56E-05	2.03E-07	2.09E-07	1.08E-06	1.10E-06	2.59E-07	2.57E-07	6.8147E-05
606907.8	4201188.22	45046.00424	0.03586	0.03657	0.11671	0.11879	0.07253	0.07205	6.36E-05	2.16E-07	2.23E-07	1.14E-06	1.16E-06	2.54E-07	2.52E-07	6.6365E-05
606927.8	4201188.22	43721.98164	0.03818	0.039	0.12331	0.1256	0.07103	0.07055	6.18E-05	2.30E-07	2.38E-07	1.20E-06	1.22E-06	2.49E-07	2.47E-07	6.4654E-05
606947.8	4201188.22	42437.13792	0.0407	0.04156	0.13078	0.13336	0.06957	0.06907	5.99E-05	2.45E-07	2.54E-07	1.28E-06	1.30E-06	2.44E-07	2.41E-07	6.3018E-05
606967.8	4201188.22	41194.68725	0.04346	0.04438	0.13909	0.14203	0.06814	0.06763	5.82E-05	2.62E-07	2.71E-07	1.36E-06	1.38E-06	2.39E-07	2.36E-07	6.1463E-05
606987.8	4201188.22	39992.56034	0.04657	0.04754	0.14843	0.15174	0.06674	0.06622	5.65E-05	2.80E-07	2.90E-07	1.45E-06	1.48E-06	2.34E-07	2.31E-07	5.9988E-05
607007.8	4201188.22	38830.92682	0.05009	0.05112	0.15888	0.16262	0.06537	0.06485	5.49E-05	3.02E-07	3.12E-07	1.55E-06	1.58E-06	2.29E-07	2.27E-07	5.8598E-05
607027.8	4201188.22	37707.06964	0.05415	0.0552	0.17088	0.17514	0.06402	0.0635	5.33E-05	3.26E-07	3.37E-07	1.67E-06	1.70E-06	2.24E-07	2.22E-07	5.7299E-05
607047.8	4201188.22	36621.85026	0.05882	0.05991	0.18466	0.18956	0.06271	0.06218	5.17E-05	3.54E-07	3.65E-07	1.80E-06	1.84E-06	2.20E-07	2.17E-07	5.6098E-05
607067.8	4201188.22	35576.75309	0.06417	0.06531	0.20052	0.20623	0.06143	0.0609	5.03E-05	3.86E-07	3.98E-07	1.96E-06	2.01E-06	2.15E-07	2.13E-07	5.5004E-05
607087.8	4201188.22	34569.00065	0.07038	0.0716	0.21912	0.22588	0.06017	0.05965	4.88E-05	4.24E-07	4.37E-07	2.14E-06	2.20E-06	2.11E-07	2.08E-07	5.4029E-05
607107.8	4201188.22	33597.55398	0.07761	0.07895	0.24125	0.2494	0.05895	0.05843	4.75E-05	4.67E-07	4.82E-07	2.36E-06	2.43E-06	2.06E-07	2.04E-07	5.3190E-05
607127.8	4201188.22	32662.97048	0.0859	0.08748	0.26783	0.27782	0.05776	0.05724	4.61E-05	5.17E-07	5.34E-07	2.62E-06	2.70E-06	2.02E-07	2.00E-07	5.2507E-05
607147.8	4201188.22	31761.21465	0.09564	0.09764	0.30059	0.31323	0.05659	0.05607	4.49E-05	5.76E-07	5.96E-07	2.94E-06	3.05E-06	1.98E-07	1.96E-07	5.2018E-05
607167.8	4201188.22	30894.12683	0.10686	0.10955	0.34155	0.35792	0.05545	0.05493	4.36E-05	6.43E-07	6.68E-07	3.34E-06	3.48E-06	1.94E-07	1.92E-07	5.1768E-05
607187.8	4201188.22	30061.28311	0.11975	0.12353	0.39403	0.41597	0.05434	0.05382	4.25E-05	7.21E-07	7.54E-07	3.85E-06	4.05E-06	1.90E-07	1.88E-07	5.1832E-05
607207.8	4201188.22	29261.09104	0.13473	0.1402	0.46371	0.49445	0.05326	0.05274	4.13E-05	8.11E-07	8.55E-07	4.53E-06	4.81E-06	1.86E-07	1.84E-07	5.2337E-05
607227.8	4201188.22	28492.03289	0.15241	0.1605	0.56047	0.6061	0.0522	0.05169	4.02E-05	9.18E-07	9.79E-07	5.47E-06	5.89E-06	1.83E-07	1.81E-07	5.3512E-05
607247.8	4201188.22	27754.05043	0.17329	0.18523	0.70128	0.77428	0.05117	0.05067	3.92E-05	1.04E-06	1.13E-06	6.85E-06	7.53E-06	1.79E-07	1.77E-07	5.5757E-05
607267.8	4201188.22	27045.44724	0.19864	0.21573	0.92189	1.05147	0.05017	0.04967	3.82E-05	1.20E-06	1.32E-06	9.00E-06	1.02E-05	1.76E-07	1.74E-07	5.9945E-05
607287.8	4201188.22	26363.91913	0.23124	0.25489	1.31007	1.57568	0.04918	0.04869	3.72E-05	1.39E-06	1.55E-06	1.28E-05	1.53E-05	1.72E-07	1.70E-07	6.8307E-05
607307.8	4201188.22	25708.95699	0.27233	0.30614	2.09956	2.74205	0.04823	0.04774	3.63E-05	1.64E-06	1.87E-06	2.05E-05	2.67E-05	1.69E-07	1.67E-07	8.6995E-05
606527.8	4201208.22	66899.30271	0.01487	0.01511	0.05541	0.05606	0.11155	0.11171	9.45E-05	8.95E-08	9.22E-08	5.41E-07	5.45E-07	3.91E-07	3.90E-07	9.5768E-05
606547.8	4201208.22	65863.11821	0.01534	0.01559	0.05704	0.05772	0.10927	0.10935	9.30E-05	9.24E-08	9.51E-08	5.57E-07	5.61E-07	3.83E-07	3.82E-07	9.4342E-05
606567.8	4201208.22	64822.58384	0.01583	0.01609	0.05874	0.05947	0.10703	0.10703	9.16E-05	9.53E-08	9.81E-08	5.74E-07	5.78E-07	3.75E-07	3.74E-07	9.2912E-05
606587.8	4201208.22	63757.4179	0.01635	0.01663	0.06057	0.06133	0.10482	0.10476	9.01E-05	9.84E-08	1.01E-07	5.92E-07	5.96E-07	3.67E-07	3.66E-07	9.1450E-05

606607.8	4201208.22	62682.8944	0.01691	0.0172	0.06251	0.06332	0.10265	0.10252	8.85E-05	1.02E-07	1.05E-07	6.10E-07	6.16E-07	3.59E-07	3.58E-07	8.9977E-05
606627.8	4201208.22	61572.81285	0.01751	0.01781	0.06461	0.06547	0.10051	0.10031	8.70E-05	1.05E-07	1.09E-07	6.31E-07	6.37E-07	3.52E-07	3.51E-07	8.8458E-05
606647.8	4201208.22	60438.06775	0.01817	0.01848	0.06687	0.06779	0.09838	0.09815	8.54E-05	1.09E-07	1.13E-07	6.53E-07	6.59E-07	3.44E-07	3.43E-07	8.6908E-05
606667.8	4201208.22	59257.08042	0.0189	0.01923	0.06936	0.07034	0.09631	0.09602	8.37E-05	1.14E-07	1.17E-07	6.77E-07	6.84E-07	3.37E-07	3.36E-07	8.5298E-05
606687.8	4201208.22	58040.95178	0.01967	0.02001	0.07198	0.07303	0.09425	0.09393	8.20E-05	1.18E-07	1.22E-07	7.03E-07	7.10E-07	3.30E-07	3.28E-07	8.3641E-05
606707.8	4201208.22	56787.57189	0.02048	0.02083	0.07478	0.07589	0.09225	0.09189	8.02E-05	1.23E-07	1.27E-07	7.30E-07	7.38E-07	3.23E-07	3.21E-07	8.1935E-05
606727.8	4201208.22	55491.84912	0.02138	0.02175	0.07783	0.079	0.09027	0.08987	7.84E-05	1.29E-07	1.33E-07	7.60E-07	7.68E-07	3.16E-07	3.14E-07	8.0176E-05
606747.8	4201208.22	54172.99553	0.02232	0.02271	0.08104	0.08227	0.08833	0.0879	7.65E-05	1.34E-07	1.39E-07	7.91E-07	8.00E-07	3.09E-07	3.07E-07	7.8388E-05
606767.8	4201208.22	52828.86909	0.02335	0.02376	0.08449	0.08577	0.08642	0.08597	7.46E-05	1.41E-07	1.45E-07	8.25E-07	8.34E-07	3.03E-07	3.00E-07	7.6569E-05
606787.8	4201208.22	51475.02324	0.02446	0.02488	0.08815	0.0895	0.08456	0.08408	7.27E-05	1.47E-07	1.52E-07	8.61E-07	8.70E-07	2.96E-07	2.94E-07	7.4743E-05
606807.8	4201208.22	50113.17756	0.02569	0.02613	0.09214	0.09357	0.08273	0.08223	7.08E-05	1.55E-07	1.59E-07	9.00E-07	9.10E-07	2.90E-07	2.87E-07	7.2912E-05
606827.8	4201208.22	48759.79381	0.02702	0.02748	0.09641	0.09793	0.08094	0.08043	6.89E-05	1.63E-07	1.68E-07	9.42E-07	9.52E-07	2.83E-07	2.81E-07	7.1101E-05
606847.8	4201208.22	47420.30381	0.02872	0.02899	0.10094	0.10272	0.0792	0.07866	6.70E-05	1.73E-07	1.77E-07	9.86E-07	9.99E-07	2.77E-07	2.75E-07	6.9319E-05
606867.8	4201208.22	46106.56685	0.03047	0.03088	0.10602	0.10782	0.07749	0.07694	6.51E-05	1.83E-07	1.88E-07	1.04E-06	1.05E-06	2.71E-07	2.69E-07	6.7585E-05
606887.8	4201208.22	44817.58965	0.03236	0.03285	0.11151	0.1135	0.07582	0.07526	6.33E-05	1.95E-07	2.00E-07	1.09E-06	1.10E-06	2.65E-07	2.63E-07	6.5896E-05
606907.8	4201208.22	43555.73187	0.03443	0.03503	0.11759	0.11977	0.07419	0.07362	6.15E-05	2.07E-07	2.14E-07	1.15E-06	1.16E-06	2.60E-07	2.57E-07	6.4260E-05
606927.8	4201208.22	42327.60955	0.03663	0.03728	0.12438	0.12682	0.07259	0.07201	5.98E-05	2.21E-07	2.27E-07	1.21E-06	1.23E-06	2.54E-07	2.52E-07	6.2687E-05
606947.8	4201208.22	41136.78968	0.03898	0.03966	0.13193	0.13469	0.07103	0.07045	5.81E-05	2.35E-07	2.42E-07	1.29E-06	1.31E-06	2.49E-07	2.46E-07	6.1184E-05
606967.8	4201208.22	39981.13677	0.0416	0.04231	0.1404	0.14352	0.0695	0.06892	5.65E-05	2.50E-07	2.58E-07	1.37E-06	1.40E-06	2.43E-07	2.41E-07	5.9752E-05
606987.8	4201208.22	38860.743	0.04455	0.04528	0.14993	0.15343	0.06802	0.06743	5.49E-05	2.68E-07	2.76E-07	1.46E-06	1.49E-06	2.38E-07	2.36E-07	5.8395E-05
607007.8	4201208.22	37776.10999	0.0479	0.04864	0.16063	0.16463	0.06656	0.06598	5.34E-05	2.88E-07	2.97E-07	1.57E-06	1.60E-06	2.33E-07	2.31E-07	5.7116E-05
607027.8	4201208.22	36722.48929	0.0518	0.05254	0.17298	0.17758	0.06514	0.06455	5.19E-05	3.12E-07	3.20E-07	1.69E-06	1.73E-06	2.28E-07	2.26E-07	5.5922E-05
607047.8	4201208.22	35706.98688	0.05617	0.05692	0.18702	0.19231	0.06376	0.06317	5.04E-05	3.38E-07	3.47E-07	1.83E-06	1.87E-06	2.23E-07	2.21E-07	5.4821E-05
607067.8	4201208.22	34724.24897	0.06122	0.062	0.20328	0.20943	0.06241	0.06182	4.91E-05	3.69E-07	3.78E-07	1.99E-06	2.04E-06	2.19E-07	2.16E-07	5.3819E-05
607087.8	4201208.22	33774.1134	0.06703	0.06787	0.22237	0.22965	0.06109	0.06051	4.77E-05	4.04E-07	4.14E-07	2.17E-06	2.23E-06	2.14E-07	2.11E-07	5.2931E-05
607107.8	4201208.22	32859.4415	0.07353	0.07449	0.24481	0.25351	0.05982	0.05923	4.64E-05	4.43E-07	4.54E-07	2.39E-06	2.47E-06	2.09E-07	2.07E-07	5.2170E-05
607127.8	4201208.22	31974.44058	0.08099	0.08222	0.27202	0.28267	0.05857	0.05799	4.52E-05	4.88E-07	5.02E-07	2.66E-06	2.75E-06	2.05E-07	2.03E-07	5.1561E-05
607147.8	4201208.22	31120.52495	0.08942	0.09109	0.30536	0.31864	0.05735	0.05678	4.40E-05	5.38E-07	5.56E-07	2.98E-06	3.10E-06	2.01E-07	1.98E-07	5.1135E-05
607167.8	4201208.22	30296.53512	0.09893	0.10131	0.34711	0.36419	0.05616	0.05559	4.28E-05	5.96E-07	6.18E-07	3.39E-06	3.54E-06	1.97E-07	1.94E-07	5.0942E-05
607187.8	4201208.22	29501.93939	0.10964	0.11314	0.40095	0.42364	0.055	0.05444	4.17E-05	6.60E-07	6.90E-07	3.92E-06	4.12E-06	1.93E-07	1.90E-07	5.1060E-05
607207.8	4201208.22	28735.17984	0.12191	0.12708	0.47316	0.50475	0.05387	0.05332	4.06E-05	7.34E-07	7.75E-07	4.62E-06	4.91E-06	1.89E-07	1.86E-07	5.1630E-05
607227.8	4201208.22	27998.71049	0.13558	0.14307	0.57245	0.61887	0.05278	0.05223	3.96E-05	8.16E-07	8.73E-07	5.59E-06	6.02E-06	1.85E-07	1.83E-07	5.2849E-05
607247.8	4201208.22	27289.3693	0.15153	0.16192	0.71796	0.79163	0.05171	0.05116	3.85E-05	9.12E-07	9.88E-07	7.01E-06	7.70E-06	1.81E-07	1.79E-07	5.5159E-05
607267.8	4201208.22	26608.86148	0.17012	0.18364	0.94285	1.07121	0.05067	0.05013	3.76E-05	1.02E-06	1.12E-06	9.21E-06	1.04E-05	1.77E-07	1.75E-07	5.9357E-05
607287.8	4201208.22	25951.20829	0.1944	0.21185	1.34409	1.60397	0.04965	0.04912	3.67E-05	1.17E-06	1.29E-06	1.31E-05	1.56E-05	1.74E-07	1.72E-07	6.7847E-05
607307.8	4201208.22	25318.75465	0.22396	0.24764	2.16176	2.7811	0.04866	0.04814	3.58E-05	1.35E-06	1.51E-06	2.11E-05	2.70E-05	1.70E-07	1.68E-07	8.6783E-05
606527.8	4201228.22	63630.31668	0.01437	0.01459	0.0555	0.05618	0.11686	0.11679	8.99E-05	8.65E-08	8.90E-08	5.42E-07	5.46E-07	4.09E-07	4.08E-07	9.1146E-05
606547.8	4201228.22	62663.3302	0.01482	0.01505	0.05712	0.05784	0.11426	0.11412	8.85E-05	8.92E-08	9.18E-08	5.58E-07	5.63E-07	4.00E-07	3.99E-07	8.9818E-05
606567.8	4201228.22	61688.25015	0.0153	0.01554	0.05885	0.05961	0.11171	0.1115	8.71E-05	9.21E-08	9.48E-08	5.75E-07	5.80E-07	3.91E-07	3.90E-07	8.8481E-05
606587.8	4201228.22	60698.33136	0.01579	0.01603	0.06064	0.06144	0.10922	0.10895	8.57E-05	9.51E-08	9.78E-08	5.92E-07	5.98E-07	3.82E-07	3.81E-07	8.7123E-05
606607.8	4201228.22	59694.56575	0.01634	0.01659	0.06262	0.06346	0.10677	0.10645	8.43E-05	9.84E-08	1.01E-07	6.12E-07	6.17E-07	3.74E-07	3.72E-07	8.5751E-05
606627.8	4201228.22	58664.37526	0.01692	0.01718	0.06472	0.06562	0.10438	0.10401	8.29E-05	1.02E-07	1.05E-07	6.32E-07	6.38E-07	3.65E-07	3.63E-07	8.4345E-05
606647.8	4201228.22	57612.07841	0.01757	0.01784	0.06702	0.06798	0.10203	0.10162	8.14E-05	1.06E-07	1.09E-07	6.54E-07	6.61E-07	3.57E-07	3.55E-07	8.2912E-05
606667.8	4201228.22	56527.79625	0.01826	0.01855	0.06949	0.07052	0.09973	0.09927	7.98E-05	1.10E-07	1.13E-07	6.79E-07	6.86E-07	3.49E-07	3.47E-07	8.1437E-05
606687.8	4201228.22	55415.99757	0.01898	0.01928	0.0721	0.0732	0.09747	0.09699	7.83E-05	1.14E-07	1.18E-07	7.04E-07	7.12E-07	3.41E-07	3.39E-07	7.9927E-05
606707.8	4201228.22	54271.74434	0.01975	0.02006	0.07491	0.07607	0.09528	0.09476	7.67E-05	1.19E-07	1.22E-07	7.32E-07	7.40E-07	3.34E-07	3.31E-07	7.8376E-05
606727.8	4201228.22	53093.59797	0.0206	0.02092	0.07795	0.07918	0.09311	0.09256	7.50E-05	1.24E-07	1.28E-07	7.61E-07	7.70E-07	3.26E-07	3.23E-07	7.6782E-05
606747.8	4201228.22	51889.18128	0.02153	0.02186	0.08122	0.08252	0.09099	0.09042	7.33E-05	1.30E-07	1.33E-07	7.93E-07	8.03E-07	3.19E-07	3.16E-07	7.5156E-05
606767.8	4201228.22	50663.1852	0.02253	0.02287	0.08472	0.08608	0.08892	0.08833	7.16E-05	1.36E-07	1.40E-07	8.27E-07	8.37E-07	3.11E-07	3.09E-07	7.3505E-05
606787.8	4201228.22	49425.13884	0.02362	0.02397	0.08846	0.08989	0.08689	0.08629	6.98E-05	1.42E-07	1.46E-07	8.64E-07	8.74E-07	3.04E-07	3.02E-07	7.1843E-05
606807.8	4201228.22	48178.97448	0.02482	0.02518	0.0925	0.09402	0.08492	0.0843	6.81E-05	1.49E-07	1.54E-07	9.03E-07	9.14E-07	2.97E-07	2.95E-07	7.0177E-05
606827.8	4201228.22	46937.65273	0.02611	0.02648	0.09686	0.09844	0.08299	0.08236	6.63E-05	1.57E-07	1.62E-07	9.46E-07	9.57E-07	2.91E-07	2.88E-07	6.8525E-05
606847.8	4201228.22	45707.69694	0.02786	0.02795	0.10166	0.10335	0.08111	0.08047	6.46E-05	1.68E-07	1.70E-07	9.93E-07	1.01E-06	2.84E-07	2.81E-07	6.6902E-05
606867.8	4201228.22	44493.17222	0.02958	0.02998	0.10663	0.10852	0.07928	0.07863	6.28E-05	1.78E-07	1.83E-07	1.04E-06	1.06E-06	2.78E-07	2.75E-07	6.5308E-05
606887.8	4201228.22	43296.56907	0.03146	0.0319	0.11221	0.11426	0.07749	0.07683	6.12E-05	1.89E-07	1.95E-07	1.10E-06	1.11E-06	2.71E-07	2.68E-07	6.3751E-05
606907.8	4201228.22	42137.43891	0.03322	0.03368	0.11829	0.12054	0.07576	0.0751	5.95E-05	2.00E-07	2.05E-07	1.16E-06	1.17E-06	2.65E-07	2.62E-07	6.2255E-05
606927.8	4201228.22	41000.31392	0.03523	0.03574	0.12514	0.1277	0.07407	0.0734	5.79E-05	2.12E-07	2.18E-07	1.22E-06	1.24E-06	2.59E-07	2.57E-07	6.0810E-05
606947.8	4201228.22	39890.87675	0.03749	0.03801	0.13282	0.13572	0.07241	0.07174	5.63E-05	2.26E-07	2.32E-07	1.30E-06	1.32E-06	2.54E-07	2.51E-07	5.9423E-05
606967.8	4201228.22	38812.01945	0.04003	0.04056	0.14142	0.14475	0.07079	0.07013	5.48E-05	2.41E-07	2.47E-07	1.38E-06	1.41E-06	2.48E-07	2.45E-07	5.8102E-05
606987.8	4201228.22	37766.99298	0.04285	0.04338	0.15105	0.15479	0.06922	0.06856	5.33E-05	2.58E-07	2.65E-07	1.48E-06	1.51E-06	2.42E-07	2.40E-07	5.6852E-05
607007.8	4201228.22	36750.84139	0.04609	0.0466	0.16206	0.16635	0.06769	0.06703	5.19E-05	2.78E-07	2.84E-07	1.58E-06	1.62E-06	2.37E-07	2.34E-07	5.5676E-05
607027.8	4201228.22	35762.91405	0.04983	0.05033	0.17476	0.17968	0.06619	0.06553	5.05E-05	3.00E-07	3.07E-07	1.71E-06	1.75E-06	2.32E-07	2.29E-07	5.4579E-05
607047.8	4201228.22	34810.9962	0.05397	0.05447	0.18904	0.1947	0.06474	0.06408	4.92E-05	3.25E-07	3.32E-07	1.85E-06	1.89E-06	2.27E-07	2.24E-07	5.3570E-05
607067.8	4201228.22	33888.34348	0.0587	0.05922	0.20557	0.21217	0.06333	0.06268	4.79E-05	3.53E-07	3.61E-07	2.01E-06	2.06E-06	2.22E-07	2.19E-07	5.2656E-05
607087.8	4201228.22	32994.92108	0.06404	0.06462	0.22495	0.23275	0.06195	0.06131	4.66E-05	3.86E-07	3.94E-07	2.20E-06	2.26E-06	2.17E-07	2.14E-07	5.1848E-05
607107.8	4201228.22	32132.09283	0.06994	0.07068	0.24781	0.25707	0.06062	0.05998	4.54E-05	4.21E-07	4.31E-07	2.42E-06	2.50E-06	2.12E-07	2.10E-07	5.1161E-05
607127.8	4201228.22	31294.32096	0.07662	0.07767	0.27567	0.28696	0.05931	0.05868	4.42E-05	4.61E-07	4.74E-07	2.69E-06	2.79E-06	2.08E-07	2.05E-07	5.0624E-05
607147.8	4201228.22	30487.25819	0.08381	0.08535	0.30935	0.32332	0.05805	0.05743	4.31E-05	5.05E-07	5.21E-07	3.02E-06	3.14E-06	2.03E-07	2.01E-07	5.0256E-05
607167.8	4201228.22	29702.56869	0.09196	0.09429	0.35238	0.37025	0.05681	0.05619	4.20E-05	5.54E-07	5.75E-07	3.44E-06	3.60E-06	1.99E-07	1.96E-07	5.0128E-05
607187.8	4201228.22	28945.99577	0.10075	0.10423	0.40744	0.43099	0.05561	0.055	4.09E-05	6.07E-07	6.36E-07	3.98E-06	4.19E-06	1.95E-07	1.92E-07	5.0301E-05
607207.8	4201228.22	28214.13429	0.11053	0.11556	0.48124	0.51384	0.05444	0.05384	3.99E-05	6.66E-07	7.05E-07	4.70E-06	5.00E-06	1.91E-07	1.88E-07	5.0922E-05
607227.8	4201228.22	27509.56449	0.1212	0.12807	0.58263	0.63015	0.0533	0.05271	3.89E-05	7.30E-07	7.81E-07	5.69E-06	6.13E-06	1.87E-07	1.84E-07	5.2189E-05
607247.8	4201228.22	26828.78729	0.13378	0.14256	0.73206	0.80673	0.05219	0.05161	3.79E-05	8.06E-07	8.70E-07	7.15E-06	7.85E-06	1.83E-07	1.80E-07	5.4568E-05
607267.8	4201228.22	26174.0183	0.14861	0.15933	0.9652	1.0936	0.05112	0.05055	3.70E-05	8.95E-07	9.72E-07	9.43E-06	1.06E-05	1.79E-07	1.77E-07	5.8901E-05
607287.8	4201228.22	25542.6279	0.16682	0.18007	1.37476	1.62564	0.05008	0.04951	3.61E-05	1.00E-06	1.10E-06	1.34E-05	1.58E-05	1.75E-07	1.73E-07	6.7420E-05
607307.8	4201228.22	24932.68364	0.18887	0.2063	2.21814	2.80646	0.04906	0.0485	3.52E-05	1.14E-06	1.26E-06	2.17E-05	2.73E-05	1.72E-07	1.69E-07	8.6572E-05
606527.8	4201248.22	60639.91143	0.01391	0.01411	0.05555	0.05626	0.12208	0.1218	8.57E-05	8.38E-08	8.61E-08	5.42E-07	5.47E-07	4.27E-07	4.26E-07	8.6918E-05
606547.8	4201248.22	59733.99603	0.01435	0.01456	0.05719	0.05794	0.11918	0.11881	8.44E-05	8.64E-08	8.88E-08	5.58E-07	5.64E-07	4.17E-07	4.15E-07	8.5676E-05
606567.8	4201248.22	58820.23509	0.01483	0.01503	0.05894	0.05972	0.11632	0.11589	8.31E-05	8.93E-08	9.17E-08	5.76E-07	5.81E-07	4.07E-07	4.05E-07	8.4425E-05
606587.8	4201248.22	57892.78291	0.01531	0.01553	0.06076	0.06159	0.11353	0.11305	8.18E-05	9.22E-08	9.47E-08	5.93E-07	5.99E-07	3.98E-07	3.95E-07	8.3157E-05
606607.8	4201248.22	56959.06843	0.01583	0.01605	0.0627	0.06358	0.11082	0.1103	8.05E-05	9.53E-08	9.79E-08	6.12E-07	6.18E-07	3.88E-07	3.85E-07	8.1883E-05
606627.8	4201248.22	55996.2203	0.01641	0.01664	0.06485	0.06579	0.10818	0.10761	7.91E-05	9.88E-08	1.02E-07	6.33E-07	6.40E-07	3.79E-07	3.76E-07	8.0572E-05
606647.8	4201248.22	55021.18315	0.01703	0.01727	0.06714	0.06814	0.10558	0.10498	7.77E-05	1.03E-07	1.05E-07	6.56E-07	6.63E-07	3.70E-07	3.67E-07	7.9248E-05
606667.8	4201248.22	54025.33772	0.01767	0.01792	0.06955	0.07062	0.10307	0.10243	7.63E-05	1.06E-07	1.09E-07	6.79E-07	6.87E-07	3.61E-07	3.58E-07	7.7897E-05
606687.8	4201248.22	53002.94841	0.01836	0.01861	0.07215	0.07329	0.1006	0.09995	7.49E-05	1.11E-07	1.14E-07	7.05E-07	7.13E-07	3.52E-07	3.49E-07	7.6512E-05
606707.8	4201248.22	51947.12464	0.01914	0.0194	0.07503	0.07624	0.09819	0.09752	7.34E-05	1.15E-07	1.18E-07	7.33E-07	7.41E-07	3.44E-07	3.41E-07	7.5087E-05
606727.8	4201248.22	50869.84039	0.01995	0.02022	0.07806	0.07934	0.09584	0.09515	7.19E-05	1.20E-07	1.23E-07	7.62E-07	7.72E-07	3.36E-07	3.33E-07	7.3635E-05
606747.8	4201248.22	49768.68817	0.02084	0.02112	0.08134	0.0827	0.09355	0.09284	7.03E-05	1.25E-07	1.29E-07	7.94E-07	8.04E-07	3.28E-07	3.24E-07	7.2155E-05
606767.8	4201248.22	48644.2752	0.02183	0.02212	0.08489	0.08633	0.09131	0.09058	6.87E-05	1.31E-07	1.35E-07	8.29E-07	8.40E-07	3.20E-07	3.17E-07	7.0649E-05
606787.8	4201248.22	47514.24511	0.02286	0.02315	0.08862	0.09013	0.08914	0.0884	6.71E-05	1.38E-07	1.41E-07	8.65E-07	8.77E-07	3.12E-07	3.09E-07	6.9138E-05
606807.8	4201248.22	46368.97177	0.02405	0.02434	0.09274	0.09434	0.08701	0.08627	6.55E-05	1.45E-07	1.48E-07	9.06E-07	9.18E-07	3.05E-07	3.01E-07	6.7616E-05
606827.8	4201248.22	45228.00435	0.0253	0.0256	0.0972	0.09896	0.08495	0.0842	6.39E-05	1.52E-07	1.56E-07	9.49E-07	9.62E-07	2.97E-07	2.94E-07	6.6108E-05
606847.8	4201248.22	44093.83007	0.02709	0.02731	0.10203	0.10384	0.08294	0.08219	6.23E-05	1.63E-07	1.67E-07	9.96E-07	1.01E-06	2.90E-07	2.87E-07	6.4622E-05
606867.8	4201248.22	42974.28077	0.02865	0.02895	0.10706	0.109	0.08099	0.08024	6.07E-05	1.73E-07	1.77E-07	1.05E-06	1.06E-06	2.84E-07	2.80E-07	6.3159E-05
606887.8	4201248.22	41868.09205	0.03038	0.03073	0.11263	0.11477	0.07909	0.07833	5.91E-05	1.83E-07	1.87E-07	1.10E-06	1.12E-06	2.77E-07	2.74E-07	6.1728E-05
606907.8	4201248.22	40785.38232	0.03215	0.03254	0.11887	0.12125	0.07725	0.07649	5.76E-05	1.94E-07	1.98E-07	1.16E-06	1.18E-06	2.70E-07	2.67E-07	6.0345E-05
606927.8	4201248.22	39726.07358	0.0341	0.0345	0.12581	0.12848	0.07545	0.07469	5.61E-05	2.05E-07	2.10E-07	1.23E-06	1.25E-06	2.64E-07	2.61E-07	5.9010E-05
606947.8	4201248.22	38696.72389	0.03623	0.03661	0.13346	0.13647	0.07371	0.07296	5.47E-05	2.18E-07	2.23E-07	1.30E-06	1.33E-06	2.58E-07	2.55E-07	5.7734E-05
606967.8	4201248.22	37692.12357	0.03863	0.039	0.14211	0.14556	0.07201	0.07126	5.32E-05	2.33E-07	2.38E-07	1.39E-06	1.42E-06	2.52E-07	2.49E-07	5.6517E-05
606987.8	4201248.22	36713.90946	0.04136	0.04172	0.15181	0.15575	0.07036	0.06961	5.19E-05	2.49E-07	2.54E-07	1.48E-06	1.51E-06	2.46E-07	2.43E-07	5.5362E-05
607007.8	4201248.22	35759.22588	0.04453	0.04486	0.1631	0.1676	0.06874	0.068	5.05E-05	2.68E-07	2.74E-07	1.59E-06	1.63E-06	2.41E-07	2.38E-07	5.4277E-05
607027.8	4201248.22	34832.42907	0.04812	0.04843	0.17602	0.1812	0.06717	0.06644	4.92E-05	2.90E-07	2.95E-07	1.72E-06	1.76E-06	2.35E-07	2.32E-07	5.3270E-05
607047.8	4201248.22	33937.47303	0.05208	0.05239	0.19058	0.19661	0.06565	0.06493	4.79E-05	3.14E-07	3.20E-07	1.86E-06	1.91E-06	2.30E-07	2.27E-07	5.2346E-05
607067.8	4201248.22	33071.32487	0.05646	0.0568	0.20734	0.21435	0.06418	0.06347	4.67E-05	3.40E-07	3.46E-07	2.02E-06	2.08E-06	2.25E-07	2.22E-07	5.1512E-05
607087.8	4201248.22	32229.44014	0.06138	0.06182	0.22707	0.23535	0.06274	0.06204	4.55E-05	3.70E-07	3.77E-07	2.22E-06	2.29E-06	2.20E-07	2.17E-07	5.0780E-05
607107.8	4201248.22	31414.85787	0.06672	0.06737	0.25041	0.26025	0.06135	0.06066	4.44E-05	4.02E-07	4.11E-07	2.45E-06	2.53E-06	2.15E-07	2.12E-07	5.0165E-05
607127.8	4201248.22	30623.2185	0.07259	0.07361	0.27877	0.29071	0.06	0.05931	4.33E-05	4.37E-07	4.49E-07	2.72E-06	2.83E-06	2.10E-07	2.07E-07	4.9693E-05
607147.8	4201248.22	29856.52695	0.07889	0.08047	0.31355	0.3283	0.05868	0.05801	4.22E-05	4.75E-07	4.91E-07	3.06E-06	3.19E-06	2.05E-07	2.03E-07	4.9395E-05
607167.8	4201248.22	29114.66282	0.08552	0.08793	0.35692	0.37565	0.0574	0.05674	4.11E-05	5.15E-07	5.36E-07	3.49E-06	3.65E-06	2.01E-07	1.98E-07	4.9317E-05
607187.8	4201248.22	28394.82085	0.09266	0.09618	0.4131	0.43773	0.05616	0.05551	4.01E-05	5.58E-07	5.87E-07	4.03E-06	4.26E-06	1.97E-07	1.94E-07	4.9546E-05
607207.8	4201248.22	27697.66138	0.10041	0.10522	0.48799	0.52184	0.05495	0.05431	3.91E-05	6.05E-07	6.42E-07	4.77E-06	5.08E-06	1.92E-07	1.90E-07	5.0212E-05
607227.8	4201248.22	27024.4462	0.10894	0.11503	0.59095	0.64002	0.05378	0.05314	3.82E-05	6.56E-07	7.02E-07	5.77E-06	6.22E-06	1.88E-07	1.86E-07	5.1527E-05
607247.8	4201248.22	26373.7891	0.11891	0.12616	0.74098	0.81719	0.05264	0.05202	3.73E-05	7.16E-07	7.70E-07	7.24E-06	7.95E-06	1.84E-07	1.82E-07	5.3924E-05
607267.8	4201248.22	25743.61222	0.13127	0.13982	0.98076	1.10993	0.05153	0.05092	3.64E-05	7.90E-07	8.53E-07	9.58E-06	1.08E-05	1.80E-07	1.78E-07	5.8381E-05
607287.8	4201248.22	25136.98998	0.14564	0.156	1.39624	1.64278	0.05045	0.04985	3.55E-05	8.77E-07	9.52E-07	1.36E-05	1.60E-05	1.77E-07	1.74E-07	6.6949E-05
607307.8	4201248.22	24549.94405	0.16239	0.17574	2.25472	2.82471	0.0494	0.04882	3.47E-05	9.78E-07	1.07E-06	2.20E-05	2.75E-05	1.73E-07	1.71E-07	8.6220E-05
606527.8	4201268.22	57888.05394	0.0135	0.01367	0.0556	0.05633	0.12725	0.12671	8.18E-05	8.13E-08	8.34E-08	5.43E-07	5.48E-07	4.46E-07	4.43E-07	8.3027E-05
606547.8	4201268.22	57040.30246	0.01393	0.01411	0.05724	0.05802	0.12399	0.12339	8.06E-05	8.39E-08	8.61E-08	5.59E-07	5.64E-07	4.34E-07	4.31E-07	8.1867E-05
606567.8	4201268.22	56185.07133	0.01439	0.01457	0.059	0.05981	0.12083	0.12017	7.94E-05	8.66E-08	8.89E-08	5.76E-07	5.82E-07	4.23E-07	4.20E-07	8.0699E-05
606587.8	4201268.22	55315.89912	0.01487	0.01506	0.06085	0.0617	0.11775	0.11705	7.81E-05	8.95E-08	9.19E-08	5.94E-07	6.00E-07	4.12E-07	4.09E-07	7.9514E-05
606607.8	4201268.22	54439.20148	0.01539	0.01559	0.06284	0.06374	0.11477	0.11404	7.69E-05	9.27E-08	9.51E-08	6.14E-07	6.20E-07	4.02E-07	3.99E-07	7.8321E-05
606627.8	4201268.22	53545.49811	0.01594	0.01614	0.06494	0.0659	0.11186	0.1111	7.56E-05	9.60E-08	9.85E-08	6.34E-07	6.41E-07	3.92E-07	3.88E-07	7.7107E-05
606647.8	4201268.22	52640.41397	0.01653	0.01674	0.0672	0.06823	0.10903	0.10824	7.44E-05	9.95E-08	1.02E-07	6.56E-07	6.64E-07	3.82E-07	3.78E-07	7.5880E-05
606667.8	4201268.22	51717.13405	0.01715	0.01737	0.0696	0.0707	0.10629	0.10548	7.31E-05	1.03E-07	1.06E-07	6.80E-07	6.88E-07	3.72E-07	3.69E-07	7.4631E-05
606687.8	4201268.22	50765.48468	0.01786	0.01808	0.07229	0.07346	0.10359	0.10277	7.17E-05	1.08E-07	1.10E-07	7.06E-07	7.14E-07	3.63E-07	3.59E-07	7.3348E-05
606707.8	4201268.22	49797.21152	0.0186	0.01882	0.0751	0.07635	0.101	0.10016	7.03E-05	1.12E-07	1.15E-07	7.33E-07	7.43E-07	3.54E-07	3.50E-07	7.2045E-05
606727.8	4201268.22	48802.4997	0.01941	0.01964	0.07818	0.07952	0.09845	0.09761	6.89E-05	1.17E-07	1.20E-07	7.63E-07	7.73E-07	3.45E-07	3.41E-07	7.0711E-05
606747.8	4201268.22	47787.54965	0.02031	0.02054	0.08152	0.08293	0.09598	0.09513	6.75E-05	1.22E-07	1.25E-07	7.96E-07	8.07E-07	3.36E-07	3.32E-07	6.9354E-05
606767.8	4201268.22	46766.39471	0.0212	0.02143	0.08494	0.08644	0.0936	0.09274	6.61E-05	1.28E-07	1.31E-07	8.29E-07	8.41E-07	3.28E-07	3.24E-07	6.7990E-05
606787.8	4201268.22	45727.19952	0.0222	0.02244	0.08869	0.09026	0.09127	0.09041	6.46E-05	1.34E-07	1.37E-07	8.66E-07	8.78E-07	3.20E-07	3.16E-07	6.6608E-05
606807.8	4201268.22	44675.18356	0.02334	0.02358	0.0928	0.09447	0.08901	0.08814	6.31E-05	1.41E-07	1.44E-07	9.06E-07	9.19E-07	3.12E-07	3.08E-07	6.5216E-05
606827.8	4201268.22	43623.51489	0.02456	0.0248	0.09723	0.0992	0.08681	0.08594	6.16E-05	1.48E-07	1.51E-07	9.50E-07	9.65E-07	3.04E-07	3.00E-07	6.3835E-05
606847.8	4201268.22	42575.86953	0.02623	0.02637	0.10229	0.10419	0.08468	0.08381	6.01E-05	1.58E-07	1.61E-07	9.99E-07	1.01E-06	2.96E-07	2.93E-07	6.2473E-05
606867.8	4201268.22	41537.66857	0.0278	0.02803	0.10732	0.10937	0.08261	0.08175	5.87E-05	1.67E-07	1.71E-07	1.05E-06	1.06E-06	2.89E-07	2.86E-07	6.1125E-05
606887.8	4201268.22	40512.06391	0.02944	0.02972	0.11291	0.11512	0.0806	0.07974	5.72E-05	1.77E-07	1.81E-07	1.10E-06	1.12E-06	2.82E-07	2.79E-07	5.9807E-05
606907.8	4201268.22	39504.88463	0.03115	0.03145	0.11917	0.12163	0.07865	0.0778	5.58E-05	1.88E-07	1.92E-07	1.16E-06	1.18E-06	2.75E-07	2.72E-07	5.8530E-05
606927.8	4201268.22	38518.29685	0.03304	0.03332	0.12613	0.12888	0.07676	0.07591	5.44E-05	1.99E-07	2.03E-07	1.23E-06	1.25E-06	2.69E-07	2.65E-07	5.7297E-05
606947.8	4201268.22	37554.2457	0.03513	0.03539	0.13391	0.137	0.07492	0.07409	5.30E-05	2.12E-07	2.16E-07	1.31E-06	1.33E-06	2.62E-07	2.59E-07	5.6116E-05
606967.8	4201268.22	36614.11027	0.03747	0.03771	0.14263	0.14613	0.07314	0.07231	5.17E-05	2.26E-07	2.30E-07	1.39E-06	1.42E-06	2.56E-07	2.53E-07	5.4990E-05
606987.8	4201268.22	35697.2852	0.04013	0.04034	0.15242	0.15642	0.0714	0.07059	5.04E-05	2.42E-07	2.46E-07	1.49E-06	1.52E-06	2.50E-07	2.47E-07	5.3923E-05
607007.8	4201268.22	34800.31664	0.0432	0.04338	0.16384	0.16851	0.06971	0.06891	4.92E-05	2.60E-07	2.65E-07	1.60E-06	1.64E-06	2.44E-07	2.41E-07	5.2922E-05
607027.8	4201268.22	33930.08316	0.04663	0.0468	0.17687	0.18226	0.06807	0.06728	4.79E-05	2.81E-07	2.85E-07	1.73E-06	1.77E-06	2.38E-07	2.35E-07	5.1995E-05
607047.8	4201268.22	33089.72181	0.05034	0.05052	0.19158	0.19786	0.06649	0.06571	4.67E-05	3.03E-07	3.08E-07	1.87E-06	1.92E-06	2.33E-07	2.30E-07	5.1148E-05
607067.8	4201268.22	32271.60541	0.05448	0.05473	0.20872	0.21611	0.06495	0.06418	4.56E-05	3.28E-07	3.34E-07	2.04E-06	2.10E-06	2.27E-07	2.24E-07	5.0388E-05
607087.8	4201268.22	31480.43791	0.05889	0.05929	0.22864	0.23732	0.06347	0.06271	4.45E-05	3.55E-07	3.62E-07	2.23E-06	2.31E-06	2.22E-07	2.19E-07	4.9726E-05
607107.8	4201268.22	30711.78514	0.06363	0.0643	0.2523	0.26265	0.06202	0.06128	4.34E-05	3.83E-07	3.92E-07	2.46E-06	2.55E-06	2.17E-07	2.14E-07	4.9176E-05
607127.8	4201268.22	29962.48147	0.06877	0.06987	0.28122	0.29384	0.06062	0.05988	4.23E-05	4.14E-07	4.26E-07	2.75E-06	2.86E-06	2.12E-07	2.09E-07	4.8769E-05
607147.8	4201268.22	29232.61732	0.07429	0.07602	0.3174	0.33301	0.05925	0.05853	4.13E-05	4.47E-07	4.64E-07	3.10E-06	3.24E-06	2.07E-07	2.05E-07	4.8543E-05
607167.8	4201268.22	28531.80552	0.0796	0.08214	0.36108	0.3808	0.05793	0.05723	4.03E-05	4.79E-07	5.01E-07	3.53E-06	3.70E-06	2.03E-07	2.00E-07	4.8513E-05
607187.8	4201268.22	27849.15478	0.08527	0.08876	0.41782	0.44363	0.05665	0.05596	3.93E-05	5.13E-07	5.41E-07	4.08E-06	4.31E-06	1.98E-07	1.96E-07	4.8789E-05
607207.8	4201268.22	27184.45247	0.09163	0.09608	0.49431	0.52963	0.0554	0.05472	3.84E-05	5.52E-07	5.86E-07	4.83E-06	5.15E-06	1.94E-07	1.91E-07	4.9516E-05
607227.8	4201268.22	26540.85957	0.09881	0.10408	0.59971	0.6508	0.05419	0.05352	3.75E-05	5.95E-07	6.35E-07	5.86E-06	6.33E-06	1.90E-07	1.87E-07	5.0907E-05
607247.8	4201268.22	25919.76289	0.10703	0.11301	0.75095	0.82959	0.05302	0.05237	3.66E-05	6.44E-07	6.89E-07	7.33E-06	8.07E-06	1.86E-07	1.83E-07	5.3349E-05
607267.8	4201268.22	25315.65215	0.11727	0.12423	0.99142	1.12154	0.05188	0.05124	3.58E-05	7.06E-07	7.58E-07	9.68E-06	1.09E-05	1.82E-07	1.79E-07	5.7814E-05
607287.8	4201268.22	24733.56025	0.12866	0.13714	1.40498	1.65468	0.05078	0.05015	3.49E-05	7.75E-07	8.37E-07	1.37E-05	1.61E-05	1.78E-07	1.75E-07	6.6363E-05
607307.8	4201268.22	24171.1412	0.1417	0.15214	2.25491	2.83758	0.04971	0.04909	3.41E-05	8.53E-07	9.28E-07	2.20E-05	2.76E-05	1.74E-07	1.72E-07	8.5543E-05
606527.8	4201288.22	55346.23773	0.0131	0.01326	0.05561	0.05636	0.13232	0.1315	7.82E-05	7.89E-08	8.09E-08	5.43E-07	5.48E-07	4.63E-07	4.60E-07	7.9432E-05
606547.8	4201288.22	54552.52443	0.01354	0.0137	0.0573	0.05809	0.1287	0.12786	7.71E-05	8.15E-08	8.36E-08	5.60E-07	5.65E-07	4.51E-07	4.47E-07	7.8349E-05
606567.8	4201288.22	53749.8736	0.014	0.01417	0.05908	0.05991	0.12523	0.12433	7.59E-05	8.43E-08	8.64E-08	5.77E-07	5.83E-07	4.38E-07	4.34E-07	7.7256E-05
606587.8	4201288.22	52931.30649	0.0145	0.01467	0.061	0.06188	0.12184	0.12092	7.48E-05	8.73E-08	8.95E-08	5.96E-07	6.02E-07	4.27E-07	4.23E-07	7.6144E-05
606607.8	4201288.22	52109.44856	0.01502	0.0152	0.06301	0.06394	0.11858	0.11762	7.36E-05	9.04E-08	9.27E-08	6.15E-07	6.22E-07	4.15E-07	4.11E-07	7.5029E-05
606627.8	4201288.22	51275.79033	0.01556	0.01573	0.0651	0.06609	0.11541	0.11445	7.24E-05	9.37E-08	9.60E-08	6.36E-07	6.43E-07	4.04E-07	4.00E-07	7.3899E-05
606647.8	4201288.22	50434.76436	0.01612	0.0163	0.06733	0.06838	0.11234	0.11137	7.12E-05	9.71E-08	9.94E-08	6.58E-07	6.65E-07	3.93E-07	3.89E-07	7.2762E-05
606667.8	4201288.22	49574.09535	0.01675	0.01693	0.06976	0.07088	0.10936	0.10838	7.00E-05	1.01E-07	1.03E-07	6.81E-07	6.89E-07	3.83E-07	3.79E-07	7.1602E-05
606687.8	4201288.22	48695.81118	0.01742	0.0176	0.07237	0.07358	0.10648	0.10549	6.88E-05	1.05E-07	1.07E-07	7.07E-07	7.16E-07	3.73E-07	3.69E-07	7.0421E-05
606707.8	4201288.22	47794.60205	0.01817	0.01835	0.07525	0.07654	0.10366	0.10267	6.75E-05	1.09E-07	1.12E-07	7.35E-07	7.44E-07	3.63E-07	3.59E-07	6.9214E-05
606727.8	4201288.22	46882.85942	0.01893	0.01912	0.07825	0.07962	0.10095	0.09995	6.62E-05	1.14E-07	1.17E-07	7.64E-07	7.74E-07	3.53E-07	3.49E-07	6.7995E-05
606747.8	4201288.22	45948.93938	0.01979	0.01997	0.08154	0.083	0.09831	0.09731	6.49E-05	1.19E-07	1.22E-07	7.96E-07	8.07E-07	3.44E-07	3.40E-07	6.6751E-05
606767.8	4201288.22	45005.34021	0.02069	0.02087	0.08501	0.08656	0.09576	0.09476	6.36E-05	1.25E-07	1.27E-07	8.30E-07	8.42E-07	3.35E-07	3.31E-07	6.5497E-05
606787.8	4201288.22	44049.95446	0.02165	0.02183	0.08872	0.09035	0.0933	0.0923	6.22E-05	1.30E-07	1.33E-07	8.66E-07	8.79E-07	3.27E-07	3.23E-07	6.4232E-05
606807.8	4201288.22	43085.03792	0.02272	0.0229	0.09275	0.09448	0.0909	0.08991	6.09E-05	1.37E-07	1.40E-07	9.06E-07	9.19E-07	3.18E-07	3.14E-07	6.2962E-05
606827.8	4201288.22	42113.93921	0.0239	0.02408	0.09715	0.09899	0.08857	0.08759	5.95E-05	1.44E-07	1.47E-07	9.49E-07	9.63E-07	3.10E-07	3.06E-07	6.1691E-05
606847.8	4201288.22	41142.05591	0.02551	0.02543	0.10235	0.10447	0.08631	0.08534	5.81E-05	1.54E-07	1.55E-07	1.00E-06	1.02E-06	3.02E-07	2.98E-07	6.0440E-05
606867.8	4201288.22	40180.32147	0.027	0.02717	0.1075	0.10962	0.08413	0.08317	5.68E-05	1.63E-07	1.66E-07	1.05E-06	1.07E-06	2.95E-07	2.91E-07	5.9202E-05
606887.8	4201288.22	39227.73622	0.02857	0.02877	0.11309	0.11541	0.08202	0.08106	5.54E-05	1.72E-07	1.75E-07	1.10E-06	1.12E-06	2.87E-07	2.83E-07	5.7986E-05
606907.8	4201288.22	38286.92351	0.03027	0.03048	0.1193	0.12181	0.07996	0.07902	5.41E-05	1.82E-07	1.86E-07	1.17E-06	1.18E-06	2.80E-07	2.76E-07	5.6801E-05
606927.8	4201288.22	37363.82174	0.03213	0.03232	0.12631	0.12912	0.07797	0.07704	5.28E-05	1.93E-07	1.97E-07	1.23E-06	1.26E-06	2.73E-07	2.69E-07	5.5659E-05
606947.8	4201288.22	36460.18446	0.0342	0.03435	0.13415	0.13731	0.07604	0.07513	5.15E-05	2.06E-07	2.10E-07	1.31E-06	1.34E-06	2.66E-07	2.63E-07	5.4564E-05
606967.8	4201288.22	35579.70799	0.03648	0.03661	0.1428	0.14637	0.07418	0.07328	5.03E-05	2.20E-07	2.23E-07	1.39E-06	1.42E-06	2.60E-07	2.56E-07	5.3520E-05
606987.8	4201288.22	34718.30434	0.03907	0.03916	0.15272	0.15685	0.07237	0.07148	4.90E-05	2.35E-07	2.39E-07	1.49E-06	1.53E-06	2.53E-07	2.50E-07	5.2533E-05
607007.8	4201288.22	33875.47815	0.04203	0.04209	0.1642	0.16896	0.07061	0.06973	4.79E-05	2.53E-07	2.57E-07	1.60E-06	1.64E-06	2.47E-07	2.44E-07	5.1608E-05
607027.8	4201288.22	33057.65396	0.04527	0.04534	0.17727	0.18281	0.0689	0.06804	4.67E-05	2.73E-07	2.77E-07	1.73E-06	1.78E-06	2.41E-07	2.38E-07	5.0755E-05
607047.8	4201288.22	32266.45464	0.04874	0.04886	0.1921	0.19853	0.06726	0.06642	4.56E-05	2.93E-07	2.98E-07	1.88E-06	1.93E-06	2.35E-07	2.32E-07	4.9977E-05
607067.8	4201288.22	31496.07397	0.05252	0.05275	0.20939	0.21696	0.06567	0.06484	4.45E-05	3.16E-07	3.22E-07	2.04E-06	2.11E-06	2.30E-07	2.27E-07	4.9283E-05
607087.8	4201288.22	30747.41327	0.05654	0.05698	0.22969	0.23869	0.06412	0.06331	4.34E-05	3.40E-07	3.48E-07	2.24E-06	2.32E-06	2.25E-07	2.21E-07	4.8686E-05
607107.8	4201288.22	30021.40233	0.0607	0.06146	0.25367	0.26451	0.06263	0.06183	4.24E-05	3.65E-07	3.75E-07	2.48E-06	2.57E-06	2.19E-07	2.16E-07	4.8198E-05
607127.8	4201288.22	29310.07201	0.0652	0.06644	0.28345	0.29666	0.06117	0.06039	4.14E-05	3.93E-07	4.05E-07	2.77E-06	2.89E-06	2.14E-07	2.11E-07	4.7854E-05
607147.8	4201288.22	28618.72322	0.06983	0.07172	0.32028	0.33677	0.05976	0.05899	4.04E-05	4.20E-07	4.37E-07	3.13E-06	3.28E-06	2.09E-07	2.06E-07	4.7687E-05
607167.8	4201288.22	27951.60524	0.07433	0.07696	0.36549	0.38646	0.0584	0.05765	3.95E-05	4.48E-07	4.69E-07	3.57E-06	3.76E-06	2.04E-07	2.01E-07	4.7729E-05
607187.8	4201288.22	27305.65772	0.07884	0.0822	0.42267	0.44996	0.05708	0.05635	3.86E-05	4.75E-07	5.01E-07	4.13E-06	4.38E-06	2.00E-07	1.97E-07	4.8051E-05
607207.8	4201288.22	26674.92318	0.08401	0.088	0.49968	0.53676	0.0558	0.05508	3.77E-05	5.06E-07	5.37E-07	4.88E-06	5.22E-06	1.95E-07	1.92E-07	4.8823E-05
607227.8	4201288.22	26059.69848	0.09031	0.0948	0.60809	0.66023	0.05456	0.05385	3.68E-05	5.44E-07	5.78E-07	5.94E-06	6.42E-06	1.91E-07	1.88E-07	5.0293E-05
607247.8	4201288.22	25465.75789	0.09736	0.10242	0.76149	0.83973	0.05335	0.05266	3.60E-05	5.86E-07	6.25E-07	7.44E-06	8.17E-06	1.87E-07	1.84E-07	5.2787E-05
607267.8	4201288.22	24891.09916	0.10543	0.11128	0.9991	1.12983	0.05219	0.05152	3.52E-05	6.35E-07	6.79E-07	9.76E-06	1.10E-05	1.83E-07	1.80E-07	5.7219E-05
607287.8	4201288.22	24332.79017	0.11476	0.12172	1.41168	1.66418	0.05106	0.0504	3.44E-05	6.91E-07	7.42E-07	1.38E-05	1.62E-05	1.79E-07	1.76E-07	6.5777E-05
607307.8	4201288.22	23792.69769	0.12528	0.13368	2.25161	2.84877	0.04997	0.04932	3.36E-05	7.54E-07	8.15E-07	2.20E-05	2.77E-05	1.75E-07	1.72E-07	8.4874E-05

606527.8	4201308.22	52989.82844	0.01275	0.0129	0.05564	0.05641	0.13724	0.13615	7.49E-05	7.68E-08	7.87E-08	5.43E-07	5.49E-07	4.81E-07	4.76E-07	7.6100E-05
606547.8	4201308.22	52246.56561	0.01319	0.01333	0.05734	0.05815	0.13328	0.13217	7.38E-05	7.94E-08	8.13E-08	5.60E-07	5.66E-07	4.67E-07	4.62E-07	7.5088E-05
606567.8	4201308.22	51488.57357	0.01367	0.01382	0.05922	0.06007	0.12946	0.12832	7.27E-05	8.23E-08	8.43E-08	5.78E-07	5.84E-07	4.53E-07	4.48E-07	7.4061E-05
606587.8	4201308.22	50718.59762	0.01419	0.01434	0.06119	0.06209	0.12579	0.12462	7.16E-05	8.54E-08	8.75E-08	5.98E-07	6.04E-07	4.40E-07	4.35E-07	7.3018E-05
606607.8	4201308.22	49952.50461	0.01469	0.01484	0.06316	0.06412	0.12225	0.12108	7.06E-05	8.85E-08	9.05E-08	6.17E-07	6.24E-07	4.28E-07	4.23E-07	7.1981E-05
606627.8	4201308.22	49166.76446	0.01525	0.0154	0.06534	0.06635	0.11881	0.11764	6.95E-05	9.18E-08	9.39E-08	6.38E-07	6.45E-07	4.16E-07	4.11E-07	7.0921E-05
606647.8	4201308.22	48380.16182	0.01582	0.01597	0.06758	0.06866	0.1155	0.11433	6.83E-05	9.53E-08	9.74E-08	6.60E-07	6.68E-07	4.04E-07	4.00E-07	6.9861E-05
606667.8	4201308.22	47583.14379	0.01641	0.01656	0.06994	0.07109	0.11231	0.11113	6.72E-05	9.88E-08	1.01E-07	6.83E-07	6.91E-07	3.93E-07	3.88E-07	6.8789E-05
606687.8	4201308.22	46770.20399	0.01705	0.0172	0.07249	0.07372	0.10921	0.10804	6.61E-05	1.03E-07	1.05E-07	7.08E-07	7.17E-07	3.82E-07	3.78E-07	6.7699E-05
606707.8	4201308.22	45938.79566	0.01776	0.01791	0.07529	0.07661	0.10622	0.10505	6.49E-05	1.07E-07	1.09E-07	7.35E-07	7.45E-07	3.72E-07	3.67E-07	6.6588E-05
606727.8	4201308.22	45093.60996	0.01852	0.01866	0.07828	0.07969	0.10332	0.10216	6.37E-05	1.12E-07	1.14E-07	7.64E-07	7.75E-07	3.62E-07	3.57E-07	6.5463E-05
606747.8	4201308.22	44227.5107	0.01937	0.01952	0.08159	0.08309	0.10051	0.09936	6.25E-05	1.17E-07	1.19E-07	7.97E-07	8.08E-07	3.52E-07	3.47E-07	6.4315E-05
606767.8	4201308.22	43357.16402	0.02024	0.02038	0.08502	0.08661	0.09781	0.09667	6.12E-05	1.22E-07	1.24E-07	8.30E-07	8.42E-07	3.42E-07	3.38E-07	6.3164E-05
606787.8	4201308.22	42475.98326	0.02118	0.02131	0.08869	0.09037	0.0952	0.09407	6.00E-05	1.28E-07	1.30E-07	8.66E-07	8.79E-07	3.33E-07	3.29E-07	6.2003E-05
606807.8	4201308.22	41586.94965	0.02219	0.02232	0.09265	0.09444	0.09267	0.09156	5.87E-05	1.34E-07	1.36E-07	9.05E-07	9.19E-07	3.24E-07	3.20E-07	6.0838E-05
606827.8	4201308.22	40686.54817	0.02335	0.02347	0.09707	0.09897	0.09022	0.08912	5.75E-05	1.41E-07	1.43E-07	9.48E-07	9.63E-07	3.16E-07	3.11E-07	5.9667E-05
606847.8	4201308.22	39788.50074	0.02462	0.02473	0.10209	0.1044	0.08784	0.08676	5.62E-05	1.48E-07	1.51E-07	9.97E-07	1.02E-06	3.08E-07	3.03E-07	5.8516E-05
606867.8	4201308.22	38892.56869	0.02633	0.02643	0.10761	0.10976	0.08555	0.08448	5.49E-05	1.59E-07	1.61E-07	1.05E-06	1.07E-06	3.00E-07	2.95E-07	5.7377E-05
606887.8	4201308.22	38006.8643	0.02781	0.02794	0.11314	0.11546	0.08333	0.08228	5.37E-05	1.67E-07	1.70E-07	1.10E-06	1.12E-06	2.92E-07	2.88E-07	5.6253E-05
606907.8	4201308.22	37129.25556	0.02949	0.02962	0.11924	0.1218	0.08118	0.08015	5.24E-05	1.78E-07	1.81E-07	1.16E-06	1.18E-06	2.84E-07	2.80E-07	5.5155E-05
606927.8	4201308.22	36266.39123	0.03131	0.0314	0.1262	0.12906	0.0791	0.07809	5.12E-05	1.89E-07	1.92E-07	1.23E-06	1.26E-06	2.77E-07	2.73E-07	5.4097E-05
606947.8	4201308.22	35416.60888	0.03336	0.03342	0.13407	0.13732	0.07708	0.07609	5.00E-05	2.01E-07	2.04E-07	1.31E-06	1.34E-06	2.70E-07	2.66E-07	5.3078E-05
606967.8	4201308.22	34590.75302	0.03558	0.03561	0.14273	0.14635	0.07514	0.07416	4.89E-05	2.14E-07	2.17E-07	1.39E-06	1.42E-06	2.63E-07	2.59E-07	5.2111E-05
606987.8	4201308.22	33776.91347	0.03814	0.03815	0.15277	0.15694	0.07325	0.07229	4.77E-05	2.30E-07	2.33E-07	1.49E-06	1.53E-06	2.56E-07	2.53E-07	5.1193E-05
607007.8	4201308.22	32985.06689	0.04095	0.04094	0.16423	0.16903	0.07142	0.07048	4.66E-05	2.47E-07	2.50E-07	1.60E-06	1.64E-06	2.50E-07	2.46E-07	5.0338E-05
607027.8	4201308.22	32215.39909	0.04399	0.04401	0.17722	0.18282	0.06966	0.06873	4.55E-05	2.65E-07	2.68E-07	1.73E-06	1.78E-06	2.44E-07	2.40E-07	4.9549E-05
607047.8	4201308.22	31470.15759	0.04718	0.04728	0.19205	0.19855	0.06796	0.06705	4.45E-05	2.84E-07	2.88E-07	1.88E-06	1.93E-06	2.38E-07	2.34E-07	4.8833E-05
607067.8	4201308.22	30741.38136	0.05063	0.0509	0.20959	0.21719	0.06631	0.06542	4.34E-05	3.05E-07	3.10E-07	2.05E-06	2.11E-06	2.32E-07	2.29E-07	4.8199E-05
607087.8	4201308.22	30033.43263	0.05421	0.05474	0.2301	0.23926	0.06471	0.06384	4.24E-05	3.26E-07	3.34E-07	2.25E-06	2.33E-06	2.27E-07	2.23E-07	4.7659E-05
607107.8	4201308.22	29341.43703	0.05798	0.05888	0.25498	0.2661	0.06316	0.06231	4.14E-05	3.49E-07	3.59E-07	2.49E-06	2.59E-06	2.21E-07	2.18E-07	4.7233E-05
607127.8	4201308.22	28670.5142	0.06171	0.06311	0.2848	0.29851	0.06166	0.06083	4.05E-05	3.72E-07	3.85E-07	2.78E-06	2.90E-06	2.16E-07	2.13E-07	4.6940E-05
607147.8	4201308.22	28014.78269	0.06559	0.06759	0.32225	0.33948	0.06021	0.0594	3.96E-05	3.95E-07	4.12E-07	3.15E-06	3.30E-06	2.11E-07	2.08E-07	4.6829E-05
607167.8	4201308.22	27377.36643	0.06957	0.07219	0.36946	0.3914	0.0588	0.05801	3.87E-05	4.19E-07	4.40E-07	3.61E-06	3.81E-06	2.06E-07	2.03E-07	4.6947E-05
607187.8	4201308.22	26764.64532	0.07334	0.07647	0.42761	0.4563	0.05745	0.05668	3.78E-05	4.42E-07	4.66E-07	4.18E-06	4.44E-06	2.01E-07	1.98E-07	4.7329E-05
607207.8	4201308.22	26166.58742	0.07769	0.0812	0.50504	0.54345	0.05614	0.05538	3.70E-05	4.68E-07	4.95E-07	4.93E-06	5.29E-06	1.97E-07	1.94E-07	4.8143E-05
607227.8	4201308.22	25581.48815	0.08284	0.08675	0.61169	0.66554	0.05487	0.05413	3.61E-05	4.99E-07	5.29E-07	5.97E-06	6.47E-06	1.92E-07	1.89E-07	4.9610E-05
607247.8	4201308.22	25014.88569	0.08878	0.09309	0.76579	0.84623	0.05364	0.05291	3.53E-05	5.35E-07	5.68E-07	7.48E-06	8.23E-06	1.88E-07	1.85E-07	5.2146E-05
607267.8	4201308.22	24466.15686	0.09557	0.10049	1.00584	1.13766	0.05245	0.05174	3.46E-05	5.75E-07	6.13E-07	9.82E-06	1.11E-05	1.84E-07	1.81E-07	5.6636E-05
607287.8	4201308.22	23933.18899	0.10327	0.10905	1.42235	1.67258	0.0513	0.0506	3.38E-05	6.22E-07	6.65E-07	1.39E-05	1.63E-05	1.80E-07	1.77E-07	6.5252E-05
607307.8	4201308.22	23416.1193	0.11189	0.11877	2.26925	2.85812	0.05018	0.04951	3.31E-05	6.74E-07	7.24E-07	2.22E-05	2.78E-05	1.76E-07	1.73E-07	8.4433E-05
606527.8	4201328.22	50796.01254	0.01245	0.01257	0.0557	0.05649	0.142	0.14062	7.18E-05	7.50E-08	7.67E-08	5.44E-07	5.49E-07	4.97E-07	4.91E-07	7.2998E-05
606547.8	4201328.22	50096.57677	0.01289	0.01302	0.05746	0.05829	0.13768	0.13631	7.08E-05	7.76E-08	7.94E-08	5.61E-07	5.67E-07	4.82E-07	4.76E-07	7.2050E-05
606567.8	4201328.22	49383.74664	0.01339	0.01352	0.05938	0.06026	0.13355	0.13215	6.98E-05	8.06E-08	8.25E-08	5.80E-07	5.86E-07	4.68E-07	4.62E-07	7.1087E-05
606587.8	4201328.22	48653.39935	0.01394	0.01407	0.06147	0.06239	0.12955	0.12815	6.87E-05	8.39E-08	8.58E-08	6.00E-07	6.07E-07	4.54E-07	4.48E-07	7.0103E-05
606607.8	4201328.22	47921.54507	0.01451	0.01464	0.06362	0.06459	0.12569	0.1243	6.77E-05	8.74E-08	8.93E-08	6.21E-07	6.28E-07	4.40E-07	4.34E-07	6.9119E-05
606627.8	4201328.22	47187.4174	0.01506	0.01519	0.06577	0.0668	0.122	0.12061	6.67E-05	9.07E-08	9.27E-08	6.42E-07	6.50E-07	4.27E-07	4.21E-07	6.8131E-05
606647.8	4201328.22	46459.40334	0.0156	0.01572	0.06794	0.06904	0.11846	0.11709	6.56E-05	9.39E-08	9.59E-08	6.63E-07	6.71E-07	4.15E-07	4.09E-07	6.7152E-05
606667.8	4201328.22	45720.32219	0.01617	0.01629	0.07025	0.07142	0.11506	0.1137	6.46E-05	9.74E-08	9.94E-08	6.86E-07	6.95E-07	4.03E-07	3.97E-07	6.6161E-05
606687.8	4201328.22	44968.52934	0.01677	0.01689	0.07273	0.07398	0.11178	0.11044	6.35E-05	1.01E-07	1.03E-07	7.10E-07	7.20E-07	3.91E-07	3.86E-07	6.5155E-05
606707.8	4201328.22	44207.13161	0.01741	0.01752	0.07533	0.07667	0.10863	0.1073	6.24E-05	1.05E-07	1.07E-07	7.36E-07	7.46E-07	3.80E-07	3.75E-07	6.4139E-05
606727.8	4201328.22	43422.24791	0.01816	0.01826	0.0783	0.07974	0.10555	0.10424	6.13E-05	1.09E-07	1.11E-07	7.65E-07	7.76E-07	3.70E-07	3.64E-07	6.3098E-05
606747.8	4201328.22	42623.25466	0.01897	0.01907	0.08151	0.08304	0.10259	0.1013	6.02E-05	1.14E-07	1.16E-07	7.96E-07	8.08E-07	3.59E-07	3.54E-07	6.2043E-05
606767.8	4201328.22	41810.0245	0.01987	0.01997	0.08504	0.08666	0.09972	0.09845	5.91E-05	1.20E-07	1.22E-07	8.30E-07	8.43E-07	3.49E-07	3.44E-07	6.0975E-05
606787.8	4201328.22	40991.04889	0.0208	0.02089	0.08873	0.09046	0.09696	0.09571	5.79E-05	1.25E-07	1.27E-07	8.67E-07	8.80E-07	3.39E-07	3.34E-07	5.9902E-05
606807.8	4201328.22	40168.72803	0.02179	0.02187	0.09265	0.09448	0.09431	0.09308	5.67E-05	1.31E-07	1.33E-07	9.05E-07	9.19E-07	3.30E-07	3.25E-07	5.8830E-05
606827.8	4201328.22	39338.3968	0.02288	0.02295	0.09694	0.09893	0.09174	0.09053	5.56E-05	1.38E-07	1.40E-07	9.47E-07	9.62E-07	3.21E-07	3.16E-07	5.7755E-05
606847.8	4201328.22	38504.28695	0.02411	0.02417	0.10191	0.10429	0.08926	0.08807	5.44E-05	1.45E-07	1.47E-07	9.95E-07	1.01E-06	3.13E-07	3.08E-07	5.6692E-05
606867.8	4201328.22	37671.9849	0.02571	0.02574	0.10746	0.10968	0.08686	0.08569	5.32E-05	1.55E-07	1.57E-07	1.05E-06	1.07E-06	3.04E-07	2.99E-07	5.5642E-05
606887.8	4201328.22	36843.9159	0.0272	0.02727	0.11306	0.11544	0.08454	0.08339	5.20E-05	1.64E-07	1.66E-07	1.10E-06	1.12E-06	2.96E-07	2.91E-07	5.4602E-05
606907.8	4201328.22	36026.34236	0.02883	0.02886	0.11913	0.12173	0.0823	0.08118	5.09E-05	1.74E-07	1.76E-07	1.16E-06	1.18E-06	2.88E-07	2.84E-07	5.3587E-05
606927.8	4201328.22	35218.30183	0.03061	0.03061	0.12598	0.12886	0.08014	0.07904	4.97E-05	1.84E-07	1.87E-07	1.23E-06	1.25E-06	2.81E-07	2.76E-07	5.2603E-05
606947.8	4201328.22	34422.36825	0.0326	0.03258	0.13377	0.137	0.07804	0.07696	4.86E-05	1.96E-07	1.99E-07	1.31E-06	1.33E-06	2.73E-07	2.69E-07	5.1658E-05
606967.8	4201328.22	33641.97697	0.0348	0.03475	0.14243	0.14612	0.07602	0.07496	4.75E-05	2.10E-07	2.12E-07	1.39E-06	1.42E-06	2.66E-07	2.62E-07	5.0755E-05
606987.8	4201328.22	32879.16098	0.03721	0.03716	0.15239	0.15657	0.07406	0.07303	4.64E-05	2.24E-07	2.27E-07	1.49E-06	1.52E-06	2.59E-07	2.55E-07	4.9906E-05
607007.8	4201328.22	32131.5553	0.03988	0.03984	0.16379	0.16859	0.07217	0.07116	4.54E-05	2.40E-07	2.43E-07	1.60E-06	1.64E-06	2.53E-07	2.49E-07	4.9111E-05
607027.8	4201328.22	31402.51103	0.04275	0.04277	0.17685	0.18242	0.07034	0.06935	4.44E-05	2.57E-07	2.61E-07	1.73E-06	1.77E-06	2.46E-07	2.42E-07	4.8378E-05
607047.8	4201328.22	30700.42439	0.04563	0.04577	0.19152	0.19799	0.06859	0.06762	4.34E-05	2.75E-07	2.79E-07	1.87E-06	1.93E-06	2.40E-07	2.36E-07	4.7716E-05
607067.8	4201328.22	30011.2404	0.04871	0.04906	0.20906	0.21661	0.06688	0.06594	4.24E-05	2.93E-07	2.99E-07	2.04E-06	2.11E-06	2.34E-07	2.30E-07	4.7134E-05
607087.8	4201328.22	29336.34107	0.05195	0.0526	0.23008	0.23923	0.06523	0.06431	4.14E-05	3.13E-07	3.21E-07	2.25E-06	2.33E-06	2.28E-07	2.25E-07	4.6647E-05
607107.8	4201328.22	28680.65049	0.05518	0.05623	0.25517	0.2664	0.06363	0.06273	4.05E-05	3.32E-07	3.43E-07	2.49E-06	2.59E-06	2.23E-07	2.19E-07	4.6272E-05
607127.8	4201328.22	28039.0498	0.05852	0.06006	0.28624	0.30028	0.06208	0.0612	3.96E-05	3.52E-07	3.66E-07	2.80E-06	2.92E-06	2.17E-07	2.14E-07	4.6042E-05
607147.8	4201328.22	27414.45181	0.06182	0.06393	0.32419	0.34159	0.06058	0.05973	3.87E-05	3.72E-07	3.90E-07	3.17E-06	3.32E-06	2.12E-07	2.09E-07	4.5975E-05
607167.8	4201328.22	26808.06443	0.06493	0.06751	0.37016	0.39253	0.05914	0.0583	3.79E-05	3.91E-07	4.12E-07	3.61E-06	3.82E-06	2.07E-07	2.04E-07	4.6104E-05
607187.8	4201328.22	26227.34356	0.06815	0.07106	0.42831	0.45782	0.05776	0.05694	3.70E-05	4.10E-07	4.33E-07	4.18E-06	4.45E-06	2.02E-07	1.99E-07	4.6527E-05
607207.8	4201328.22	25662.1753	0.07184	0.07496	0.50495	0.5451	0.05642	0.05563	3.62E-05	4.33E-07	4.57E-07	4.93E-06	5.30E-06	1.98E-07	1.94E-07	4.7372E-05
607227.8	4201328.22	25107.33104	0.07625	0.07957	0.61066	0.66734	0.05513	0.05435	3.55E-05	4.59E-07	4.85E-07	5.96E-06	6.49E-06	1.93E-07	1.90E-07	4.8864E-05
607247.8	4201328.22	24568.05127	0.08136	0.08502	0.76392	0.84844	0.05387	0.05312	3.47E-05	4.90E-07	5.19E-07	7.46E-06	8.25E-06	1.89E-07	1.86E-07	5.1425E-05
607267.8	4201328.22	24043.62376	0.08714	0.09133	1.00369	1.14056	0.05266	0.05192	3.40E-05	5.25E-07	5.57E-07	9.80E-06	1.11E-05	1.84E-07	1.81E-07	5.5940E-05
607287.8	4201328.22	23536.9656	0.0936	0.09844	1.42281	1.67688	0.05149	0.05077	3.32E-05	5.64E-07	6.00E-07	1.39E-05	1.63E-05	1.80E-07	1.77E-07	6.4615E-05
607307.8	4201328.22	23041.53433	0.10081	0.1065	2.28533	2.86435	0.05035	0.04965	3.25E-05	6.07E-07	6.50E-07	2.23E-05	2.79E-05	1.76E-07	1.74E-07	8.3980E-05
606527.8	4201348.22	48745.46806	0.01219	0.0123	0.05583	0.05664	0.14657	0.1449	6.89E-05	7.34E-08	7.50E-08	5.45E-07	5.51E-07	5.13E-07	5.06E-07	7.0101E-05
606547.8	4201348.22	48079.83078	0.01269	0.0128	0.05776	0.05861	0.1419	0.14022	6.79E-05	7.64E-08	7.81E-08	5.64E-07	5.70E-07	4.97E-07	4.90E-07	6.9205E-05
606567.8	4201348.22	47396.21519	0.01325	0.01336	0.05986	0.06075	0.13739	0.13574	6.70E-05	7.98E-08	8.15E-08	5.85E-07	5.91E-07	4.81E-07	4.74E-07	6.8287E-05
606587.8	4201348.22	46707.73727	0.01381	0.01392	0.06196	0.0629	0.13307	0.13143	6.60E-05	8.32E-08	8.49E-08	6.05E-07	6.12E-07	4.66E-07	4.59E-07	6.7363E-05
606607.8	4201348.22	46020.01089	0.01438	0.01449	0.0641	0.06509	0.12892	0.12731	6.50E-05	8.66E-08	8.84E-08	6.26E-07	6.33E-07	4.51E-07	4.45E-07	6.6441E-05
606627.8	4201348.22	45336.98364	0.01492	0.01502	0.06622	0.06728	0.12499	0.1234	6.40E-05	8.98E-08	9.16E-08	6.47E-07	6.54E-07	4.38E-07	4.31E-07	6.5524E-05
606647.8	4201348.22	44659.49262	0.01544	0.01555	0.06837	0.06949	0.12124	0.11967	6.31E-05	9.30E-08	9.49E-08	6.68E-07	6.76E-07	4.24E-07	4.18E-07	6.4616E-05
606667.8	4201348.22	43972.79474	0.016	0.0161	0.07065	0.07185	0.11764	0.11609	6.21E-05	9.63E-08	9.82E-08	6.90E-07	6.99E-07	4.12E-07	4.06E-07	6.3698E-05
606687.8	4201348.22	43274.13587	0.0166	0.01669	0.0731	0.07438	0.11416	0.11264	6.11E-05	1.00E-07	1.02E-07	7.14E-07	7.23E-07	4.00E-07	3.94E-07	6.2767E-05
606707.8	4201348.22	42571.4451	0.0172	0.01728	0.07563	0.07699	0.11084	0.10935	6.01E-05	1.04E-07	1.05E-07	7.39E-07	7.49E-07	3.88E-07	3.82E-07	6.1832E-05
606727.8	4201348.22	41853.33624	0.01787	0.01794	0.07838	0.07984	0.10763	0.10617	5.91E-05	1.08E-07	1.09E-07	7.65E-07	7.77E-07	3.77E-07	3.71E-07	6.0880E-05
606747.8	4201348.22	41118.90725	0.01861	0.01868	0.08142	0.08298	0.10453	0.10309	5.81E-05	1.12E-07	1.14E-07	7.95E-07	8.07E-07	3.66E-07	3.60E-07	5.9912E-05
606767.8	4201348.22	40361.91255	0.0195	0.01957	0.08494	0.0866	0.10151	0.1001	5.70E-05	1.17E-07	1.19E-07	8.29E-07	8.42E-07	3.55E-07	3.50E-07	5.8923E-05
606787.8	4201348.22	39598.64987	0.02044	0.02049	0.08867	0.09043	0.09861	0.09723	5.59E-05	1.23E-07	1.25E-07	8.66E-07	8.80E-07	3.45E-07	3.40E-07	5.7930E-05
606807.8	4201348.22	38825.84019	0.02149	0.02153	0.09296	0.0951	0.09581	0.09446	5.48E-05	1.29E-07	1.31E-07	9.08E-07	9.25E-07	3.35E-07	3.30E-07	5.6938E-05
606827.8	4201348.22	38058.33762	0.02253	0.02256	0.09714	0.09941	0.09314	0.09181	5.38E-05	1.36E-07	1.38E-07	9.49E-07	9.67E-07	3.26E-07	3.21E-07	5.5949E-05
606847.8	4201348.22	37286.46124	0.02384	0.02371	0.1018	0.1042	0.09055	0.08926	5.27E-05	1.44E-07	1.45E-07	9.94E-07	1.01E-06	3.17E-07	3.12E-07	5.4966E-05
606867.8	4201348.22	36510.95075	0.02522	0.02522	0.10725	0.1095	0.08805	0.08678	5.16E-05	1.52E-07	1.54E-07	1.05E-06	1.06E-06	3.08E-07	3.03E-07	5.3992E-05
606887.8	4201348.22	35738.63722	0.02666	0.02666	0.11285	0.11528	0.08564	0.0844	5.05E-05	1.61E-07	1.63E-07	1.10E-06	1.12E-06	3.00E-07	2.95E-07	5.3030E-05
606907.8	4201348.22	34974.31527	0.02825	0.02822	0.11889	0.12153	0.08332	0.08211	4.94E-05	1.70E-07	1.72E-07	1.16E-06	1.18E-06	2.92E-07	2.87E-07	5.2089E-05
606927.8	4201348.22	34217.31613	0.03	0.02994	0.12572	0.12863	0.08107	0.07989	4.83E-05	1.81E-07	1.83E-07	1.23E-06	1.25E-06	2.84E-07	2.79E-07	5.1177E-05
606947.8	4201348.22	33471.6389	0.03192	0.03183	0.13336	0.1366	0.07891	0.07775	4.73E-05	1.92E-07	1.94E-07	1.30E-06	1.33E-06	2.76E-07	2.72E-07	5.0298E-05
606967.8	4201348.22	32737.73717	0.03403	0.03394	0.14196	0.14567	0.07681	0.07569	4.62E-05	2.05E-07	2.07E-07	1.39E-06	1.42E-06	2.69E-07	2.65E-07	4.9460E-05
606987.8	4201348.22	32020.59492	0.0363	0.03622	0.15161	0.15573	0.0748	0.0737	4.52E-05	2.19E-07	2.21E-07	1.48E-06	1.51E-06	2.62E-07	2.58E-07	4.8666E-05
607007.8	4201348.22	31316.3862	0.03876	0.03873	0.16282	0.16757	0.07284	0.07177	4.42E-05	2.33E-07	2.36E-07	1.59E-06	1.63E-06	2.55E-07	2.51E-07	4.7926E-05
607027.8	4201348.22	30620.72517	0.04148	0.04154	0.17606	0.18158	0.07094	0.0699	4.33E-05	2.50E-07	2.53E-07	1.72E-06	1.77E-06	2.48E-07	2.44E-07	4.7243E-05
607047.8	4201348.22	29952.24241	0.04414	0.04437	0.19085	0.19724	0.06913	0.06811	4.23E-05	2.66E-07	2.71E-07	1.86E-06	1.92E-06	2.42E-07	2.38E-07	4.6628E-05
607067.8	4201348.22	29293.14334	0.04699	0.04746	0.20884	0.21633	0.06736	0.06637	4.14E-05	2.83E-07	2.90E-07	2.04E-06	2.10E-06	2.36E-07	2.32E-07	4.6095E-05
607087.8	4201348.22	28653.00413	0.04982	0.05061	0.23002	0.23917	0.06566	0.0647	4.05E-05	3.00E-07	3.09E-07	2.25E-06	2.33E-06	2.30E-07	2.26E-07	4.5656E-05
607107.8	4201348.22	28029.70572	0.05263	0.05382	0.25556	0.26683	0.06402	0.06308	3.96E-05	3.17E-07	3.28E-07	2.50E-06	2.60E-06	2.24E-07	2.20E-07	4.5330E-05
607127.8	4201348.22	27417.79748	0.05542	0.05709	0.28654	0.30036	0.06243	0.06151	3.87E-05	3.34E-07	3.48E-07	2.80E-06	2.92E-06	2.19E-07	2.15E-07	4.5131E-05
607147.8	4201348.22	26826.72893	0.05793	0.06	0.32315	0.34048	0.0609	0.06	3.79E-05	3.49E-07	3.66E-07	3.16E-06	3.31E-06	2.13E-07	2.10E-07	4.5077E-05
607167.8	4201348.22	26253.02684	0.06049	0.06286	0.36845	0.3908	0.05942	0.05855	3.71E-05	3.64E-07	3.83E-07	3.60E-06	3.80E-06	2.08E-07	2.05E-07	4.5231E-05
607187.8	4201348.22	25699.15186	0.06332	0.06588	0.42602	0.45569	0.05801	0.05716	3.63E-05	3.81E-07	4.02E-07	4.16E-06	4.43E-06	2.03E-07	2.00E-07	4.5677E-05
607207.8	4201348.22	25163.58873	0.0666	0.06928	0.5016	0.54242	0.05665	0.05583	3.55E-05	4.01E-07	4.23E-07	4.90E-06	5.28E-06	1.98E-07	1.95E-07	4.6543E-05
607227.8	4201348.22	24638.32752	0.07048	0.07331	0.60518	0.66373	0.05533	0.05453	3.48E-05	4.24E-07	4.47E-07	5.91E-06	6.46E-06	1.94E-07	1.91E-07	4.8040E-05
607247.8	4201348.22	24124.44732	0.07492	0.07805	0.75487	0.84369	0.05406	0.05327	3.41E-05	4.51E-07	4.76E-07	7.37E-06	8.21E-06	1.89E-07	1.86E-07	5.0582E-05
607267.8	4201348.22	23625.52907	0.07989	0.08345	0.98814	1.13428	0.05282	0.05206	3.34E-05	4.81E-07	5.09E-07	9.65E-06	1.10E-05	1.85E-07	1.82E-07	5.5044E-05
607287.8	4201348.22	23143.01113	0.08538	0.08949	1.39543	1.6688	0.05164	0.05089	3.27E-05	5.14E-07	5.46E-07	1.36E-05	1.62E-05	1.81E-07	1.78E-07	6.3609E-05
607307.8	4201348.22	22669.62098	0.09148	0.09625	2.23712	2.85457	0.05048	0.04976	3.20E-05	5.51E-07	5.87E-07	2.18E-05	2.78E-05	1.77E-07	1.74E-07	8.2770E-05
606527.8	4201368.22	46806.8626	0.01208	0.01217	0.0563	0.05714	0.15086	0.14887	6.61E-05	7.27E-08	7.42E-08	5.50E-07	5.56E-07	5.28E-07	5.20E-07	6.7371E-05
606547.8	4201368.22	46159.07142	0.01266	0.01275	0.05846	0.05933	0.14578	0.14383	6.52E-05	7.62E-08	7.78E-08	5.71E-07	5.77E-07	5.10E-07	5.03E-07	6.6505E-05
606567.8	4201368.22	45517.0695	0.0132	0.01329	0.06049	0.0614	0.14094	0.13902	6.43E-05	7.95E-08	8.11E-08	5.91E-07	5.97E-07	4.93E-07	4.86E-07	6.5645E-05
606587.8	4201368.22	44881.29011	0.01372	0.01381	0.06246	0.06349	0.13635	0.13448	6.34E-05	8.26E-08	8.42E-08	6.10E-07	6.17E-07	4.77E-07	4.70E-07	6.4792E-05
606607.8	4201368.22	44244.57904	0.01451	0.01458	0.06489	0.06589	0.13198	0.13014	6.25E-05	8.74E-08	8.89E-08	6.34E-07	6.41E-07	4.62E-07	4.55E-07	6.3950E-05
606627.8	4201368.22	43597.18462	0.01517	0.01528	0.0671	0.06816	0.12778	0.12598	6.16E-05	9.13E-08	9.32E-08	6.55E-07	6.63E-07	4.47E-07	4.40E-07	6.3087E-05
606647.8	4201368.22	42959.21445	0.01573	0.01584	0.06932	0.07044	0.1238	0.12203	6.07E-05	9.47E-08	9.66E-08	6.77E-07	6.85E-07	4.33E-07	4.26E-07	6.2236E-05
606667.8	4201368.22	42323.52387	0.01626	0.01636	0.0716	0.07279	0.12	0.11827	5.98E-05	9.79E-08	9.98E-08	6.99E-07	7.08E-07	4.20E-07	4.13E-07	6.1390E-05
606687.8	4201368.22	41680.35128	0.01678	0.01687	0.074	0.07529	0.11637	0.11467	5.89E-05	1.01E-07	1.03E-07	7.23E-07	7.32E-07	4.07E-07	4.01E-07	6.0535E-05
606707.8	4201368.22	41027.9057	0.01732	0.01735	0.07652	0.07789	0.11288	0.11122	5.80E-05	1.04E-07	1.06E-07	7.47E-07	7.58E-07	3.95E-07	3.89E-07	5.9670E-05
606727.8	4201368.22	40372.75052	0.01766	0.01771	0.07861	0.0801	0.10954	0.10792	5.70E-05	1.06E-07	1.08E-07	7.68E-07	7.79E-07	3.84E-07	3.77E-07	5.8791E-05
606747.8	4201368.22	39698.94449	0.01834	0.01838	0.08145	0.08304	0.10631	0.10473	5.61E-05	1.10E-07	1.12E-07	7.95E-07	8.08E-07	3.72E-07	3.66E-07	5.7903E-05
606767.8	4201368.22	39000.19335	0.01917	0.0192	0.0848	0.08649	0.10317	0.10163	5.51E-05	1.15E-07	1.17E-07	8.28E-07	8.41E-07	3.61E-07	3.55E-07	5.6993E-05
606787.8	4201368.22	38283.94232	0.02013	0.02015	0.08865	0.09056	0.10012	0.09861	5.41E-05	1.21E-07	1.23E-07	8.66E-07	8.81E-07	3.51E-07	3.45E-07	5.6070E-05
606807.8	4201368.22	37564.51594	0.02135	0.02131	0.09321	0.09512	0.0972	0.09573	5.31E-05	1.29E-07	1.30E-07	9.10E-07	9.25E-07	3.40E-07	3.35E-07	5.5157E-05
606827.8	4201368.22	36847.07521	0.02241	0.02241	0.09748	0.09948	0.09441	0.09297	5.20E-05	1.35E-07	1.37E-07	9.52E-07	9.68E-07	3.31E-07	3.25E-07	5.4240E-05
606847.8	4201368.22	36123.9375	0.02359	0.02359	0.10215	0.10429	0.09171	0.09031	5.10E-05	1.42E-07	1.44E-07	9.98E-07	1.01E-06	3.21E-07	3.16E-07	5.3326E-05
606867.8	4201368.22	35401.64473	0.02486	0.02485	0.10718	0.10946	0.08912	0.08776	5.00E-05	1.50E-07	1.52E-07	1.05E-06	1.06E-06	3.12E-07	3.07E-07	5.2420E-05
606887.8	4201368.22	34679.84289	0.02629	0.02624	0.11269	0.1151	0.08662	0.08529	4.90E-05	1.58E-07	1.60E-07	1.10E-06	1.12E-06	3.03E-07	2.98E-07	5.1526E-05
606907.8	4201368.22	33964.35959	0.02782	0.02774	0.11872	0.12139	0.08422	0.08292	4.80E-05	1.68E-07	1.69E-07	1.16E-06	1.18E-06	2.95E-07	2.90E-07	5.0654E-05
606927.8	4201368.22	33255.86213	0.02951	0.02941	0.12543	0.12837	0.0819	0.08064	4.70E-05	1.78E-07	1.79E-07	1.22E-06	1.25E-06	2.87E-07	2.82E-07	4.9807E-05
606947.8	4201368.22	32556.66661	0.03135	0.03123	0.13292	0.13624	0.07967	0.07844	4.60E-05	1.89E-07	1.91E-07	1.30E-06	1.33E-06	2.79E-07	2.74E-07	4.8991E-05
606967.8	4201368.22	31872.00274	0.0333	0.03319	0.14127	0.1449	0.07752	0.07633	4.50E-05	2.01E-07	2.02E-07	1.38E-06	1.41E-06	2.71E-07	2.67E-07	4.8213E-05
606987.8	4201368.22	31193.57582	0.03545	0.03537	0.1508	0.1549	0.07544	0.07428	4.41E-05	2.13E-07	2.16E-07	1.47E-06	1.51E-06	2.64E-07	2.60E-07	4.7472E-05
607007.8	4201368.22	30530.7043	0.03768	0.03768	0.1617	0.1664	0.07344	0.0723	4.31E-05	2.27E-07	2.30E-07	1.58E-06	1.62E-06	2.57E-07	2.53E-07	4.6781E-05
607027.8	4201368.22	29866.24386	0.04022	0.04035	0.17508	0.18056	0.07147	0.07037	4.22E-05	2.42E-07	2.46E-07	1.71E-06	1.76E-06	2.50E-07	2.46E-07	4.6142E-05
607047.8	4201368.22	29224.35174	0.04271	0.04305	0.19026	0.19646	0.06959	0.06852	4.13E-05	2.57E-07	2.63E-07	1.86E-06	1.91E-06	2.44E-07	2.39E-07	4.5570E-05
607067.8	4201368.22	28590.75229	0.04538	0.04598	0.20882	0.21635	0.06776	0.06672	4.04E-05	2.73E-07	2.80E-07	2.04E-06	2.10E-06	2.37E-07	2.33E-07	4.5084E-05
607087.8	4201368.22	27978.88175	0.04793	0.04888	0.23061	0.23957	0.06601	0.06499	3.95E-05	2.89E-07	2.98E-07	2.25E-06	2.33E-06	2.31E-07	2.27E-07	4.4691E-05
607107.8	4201368.22	27391.62556	0.0501	0.05142	0.25515	0.26604	0.06434	0.06335	3.87E-05	3.02E-07	3.14E-07	2.49E-06	2.59E-06	2.25E-07	2.21E-07	4.4387E-05
607127.8	4201368.22	26817.4341	0.05219	0.05385	0.28474	0.29812	0.06272	0.06176	3.79E-05	3.14E-07	3.28E-07	2.78E-06	2.90E-06	2.20E-07	2.16E-07	4.4204E-05
607147.8	4201368.22	26254.86154	0.05427	0.05622	0.3208	0.33757	0.06116	0.06022	3.71E-05	3.27E-07	3.43E-07	3.13E-06	3.28E-06	2.14E-07	2.10E-07	4.4173E-05
607167.8	4201368.22	25708.0522	0.05649	0.05862	0.36534	0.38689	0.05965	0.05874	3.63E-05	3.40E-07	3.58E-07	3.57E-06	3.76E-06	2.09E-07	2.05E-07	4.4343E-05
607187.8	4201368.22	25177.79435	0.05901	0.06122	0.42179	0.45036	0.0582	0.05732	3.56E-05	3.55E-07	3.73E-07	4.12E-06	4.38E-06	2.04E-07	2.00E-07	4.4793E-05
607207.8	4201368.22	24667.9267	0.06198	0.06426	0.49573	0.53516	0.05682	0.05596	3.48E-05	3.73E-07	3.92E-07	4.84E-06	5.20E-06	1.99E-07	1.96E-07	4.5656E-05
607227.8	4201368.22	24171.89747	0.06542	0.06785	0.59648	0.65371	0.05549	0.05465	3.41E-05	3.94E-07	4.14E-07	5.83E-06	6.36E-06	1.94E-07	1.91E-07	4.7135E-05
607247.8	4201368.22	23684.88198	0.06931	0.07201	0.74095	0.82928	0.05419	0.05338	3.35E-05	4.17E-07	4.39E-07	7.24E-06	8.07E-06	1.90E-07	1.87E-07	4.9614E-05
607267.8	4201368.22	23208.84965	0.07362	0.07669	0.9635	1.11208	0.05294	0.05215	3.28E-05	4.43E-07	4.68E-07	9.41E-06	1.08E-05	1.85E-07	1.82E-07	5.3920E-05
607287.8	4201368.22	22749.77734	0.07836	0.08185	1.34641	1.6324	0.05174	0.05097	3.21E-05	4.72E-07	4.99E-07	1.31E-05	1.59E-05	1.81E-07	1.78E-07	6.2132E-05
607307.8	4201368.22	22299.93277	0.08355	0.08758	2.11922	2.78616	0.05057	0.04983	3.15E-05	5.03E-07	5.34E-07	2.07E-05	2.71E-05	1.77E-07	1.74E-07	8.0331E-05
606527.8	4201388.22	44905.84436	0.01228	0.01236	0.05756	0.05847	0.15458	0.15231	6.34E-05	7.39E-08	7.54E-08	5.62E-07	5.69E-07	5.41E-07	5.32E-07	6.4713E-05
606547.8	4201388.22	44308.17224	0.01311	0.01319	0.05979	0.06067	0.14921	0.14699	6.26E-05	7.89E-08	8.05E-08	5.84E-07	5.90E-07	5.22E-07	5.14E-07	6.3922E-05
606567.8	4201388.22	43722.34305	0.01359	0.01368	0.06162	0.06254	0.14415	0.14198	6.18E-05	8.18E-08	8.34E-08	6.02E-07	6.08E-07	5.05E-07	4.96E-07	6.3136E-05
606587.8	4201388.22	43150.2049	0.01403	0.01412	0.06342	0.06439	0.13938	0.13726	6.10E-05	8.45E-08	8.61E-08	6.19E-07	6.26E-07	4.88E-07	4.80E-07	6.2369E-05
606607.8	4201388.22	42574.57011	0.01448	0.01458	0.06533	0.06635	0.13482	0.13275	6.01E-05	8.72E-08	8.89E-08	6.38E-07	6.45E-07	4.72E-07	4.64E-07	6.1599E-05
606627.8	4201388.22	41982.4011	0.01499	0.01509	0.06742	0.0685	0.13043	0.12841	5.93E-05	9.03E-08	9.20E-08	6.58E-07	6.66E-07	4.57E-07	4.49E-07	6.0810E-05
606647.8	4201388.22	41385.16721	0.01553	0.01562	0.06962	0.07077	0.12623	0.12427	5.85E-05	9.35E-08	9.53E-08	6.80E-07	6.88E-07	4.42E-07	4.34E-07	6.0017E-05
606667.8	4201388.22	40781.24907	0.01609	0.0162	0.07194	0.07317	0.12221	0.1203	5.76E-05	9.69E-08	9.88E-08	7.03E-07	7.12E-07	4.28E-07	4.20E-07	5.9216E-05
606687.8	4201388.22	40176.25416	0.01667	0.01677	0.07443	0.07575	0.11838	0.11652	5.68E-05	1.00E-07	1.02E-07	7.27E-07	7.37E-07	4.14E-07	4.07E-07	5.8418E-05
606707.8	4201388.22	39568.22589	0.01727	0.01736	0.07702	0.07843	0.11472	0.11291	5.59E-05	1.04E-07	1.06E-07	7.52E-07	7.63E-07	4.02E-07	3.95E-07	5.7618E-05
606727.8	4201388.22	38961.069	0.01787	0.01794	0.07966	0.08117	0.11124	0.10947	5.50E-05	1.08E-07	1.09E-07	7.78E-07	7.89E-07	3.89E-07	3.83E-07	5.6820E-05
606747.8	4201388.22	38354.49423	0.01814	0.01816	0.08163	0.08325	0.10793	0.1062	5.42E-05	1.09E-07	1.11E-07	7.97E-07	8.10E-07	3.78E-07	3.71E-07	5.6005E-05
606767.8	4201388.22	37710.24313	0.01891	0.01892	0.0848	0.08653	0.10467	0.10299	5.33E-05	1.14E-07	1.15E-07	8.28E-07	8.42E-07	3.66E-07	3.60E-07	5.5167E-05
606787.8	4201388.22	37040.25929	0.02004	0.0199	0.08895	0.09096	0.10149	0.09986	5.23E-05	1.21E-07	1.21E-07	8.69E-07	8.85E-07	3.55E-07	3.49E-07	5.4317E-05
606807.8	4201388.22	36373.51082	0.02103	0.021	0.0931	0.09503	0.09847	0.09688	5.14E-05	1.27E-07	1.28E-07	9.09E-07	9.24E-07	3.45E-07	3.39E-07	5.3468E-05
606827.8	4201388.22	35700.69653	0.0221	0.02209	0.0974	0.09947	0.09556	0.09402	5.04E-05	1.33E-07	1.35E-07	9.51E-07	9.67E-07	3.35E-07	3.29E-07	5.2616E-05
606847.8	4201388.22	35022.43257	0.02329	0.02326	0.10211	0.10429	0.09276	0.09126	4.95E-05	1.40E-07	1.42E-07	9.97E-07	1.01E-06	3.25E-07	3.19E-07	5.1765E-05
606867.8	4201388.22	34342.79083	0.02458	0.02452	0.10718	0.1095	0.09006	0.08861	4.85E-05	1.48E-07	1.50E-07	1.05E-06	1.06E-06	3.15E-07	3.10E-07	5.0921E-05
606887.8	4201388.22	33667.06235	0.02596	0.02588	0.11265	0.11515	0.08748	0.08606	4.76E-05	1.56E-07	1.58E-07	1.10E-06	1.12E-06	3.06E-07	3.01E-07	5.0091E-05
606907.8	4201388.22	32995.37767	0.02747	0.02737	0.11865	0.12136	0.085	0.08362	4.66E-05	1.65E-07	1.67E-07	1.16E-06	1.18E-06	2.98E-07	2.92E-07	4.9280E-05
606927.8	4201388.22	32332.12934	0.0291	0.02897	0.12525	0.12822	0.08261	0.08128	4.57E-05	1.75E-07	1.77E-07	1.22E-06	1.25E-06	2.89E-07	2.84E-07	4.8494E-05
606947.8	4201388.22	31677.54407	0.03084	0.03071	0.13259	0.13588	0.08032	0.07902	4.47E-05	1.86E-07	1.87E-07	1.29E-06	1.32E-06	2.81E-07	2.76E-07	4.7736E-05
606967.8	4201388.22	31033.77365	0.03267	0.03257	0.14077	0.14442	0.07812	0.07686	4.38E-05	1.97E-07	1.99E-07	1.37E-06	1.40E-06	2.74E-07	2.69E-07	4.7012E-05
606987.8	4201388.22	30398.78257	0.0346	0.03456	0.15004	0.15418	0.076	0.07477	4.29E-05	2.08E-07	2.11E-07	1.47E-06	1.50E-06	2.66E-07	2.61E-07	4.6324E-05
607007.8	4201388.22	29768.6049	0.03667	0.03673	0.16076	0.16543	0.07393	0.07274	4.21E-05	2.21E-07	2.24E-07	1.57E-06	1.61E-06	2.59E-07	2.54E-07	4.5674E-05
607027.8	4201388.22	29119.64102	0.03919	0.03943	0.17495	0.18022	0.07187	0.07072	4.11E-05	2.36E-07	2.41E-07	1.71E-06	1.75E-06	2.52E-07	2.47E-07	4.5071E-05
607047.8	4201388.22	28505.89905	0.0415	0.04196	0.19046	0.19676	0.06994	0.06882	4.03E-05	2.50E-07	2.56E-07	1.86E-06	1.91E-06	2.45E-07	2.40E-07	4.4546E-05
607067.8	4201388.22	27904.14758	0.04377	0.04453	0.20885	0.21624	0.06807	0.06698	3.94E-05	2.64E-07	2.72E-07	2.04E-06	2.10E-06	2.38E-07	2.34E-07	4.4095E-05
607087.8	4201388.22	27327.15088	0.04567	0.04673	0.22939	0.23814	0.06629	0.06523	3.86E-05	2.75E-07	2.85E-07	2.24E-06	2.32E-06	2.32E-07	2.28E-07	4.3718E-05
607107.8	4201388.22	26771.39191	0.04744	0.04879	0.25342	0.26391	0.06459	0.06356	3.78E-05	2.86E-07	2.98E-07	2.47E-06	2.57E-06	2.26E-07	2.22E-07	4.3441E-05
607127.8	4201388.22	26228.71242	0.04915	0.05076	0.28227	0.29508	0.06295	0.06195	3.70E-05	2.96E-07	3.10E-07	2.76E-06	2.87E-06	2.20E-07	2.16E-07	4.3282E-05
607147.8	4201388.22	25695.96744	0.05092	0.05271	0.31748	0.33339	0.06136	0.06039	3.63E-05	3.07E-07	3.22E-07	3.10E-06	3.24E-06	2.15E-07	2.11E-07	4.3268E-05
607167.8	4201388.22	25175.98132	0.05288	0.05476	0.36096	0.38127	0.05983	0.05889	3.56E-05	3.18E-07	3.34E-07	3.53E-06	3.71E-06	2.09E-07	2.06E-07	4.3449E-05
607187.8	4201388.22	24670.40666	0.05517	0.05708	0.41595	0.44261	0.05835	0.05744	3.48E-05	3.32E-07	3.48E-07	4.06E-06	4.30E-06	2.04E-07	2.01E-07	4.3896E-05
607207.8	4201388.22	24178.48168	0.05789	0.05984	0.48758	0.52396	0.05693	0.05604	3.42E-05	3.49E-07	3.65E-07	4.76E-06	5.10E-06	1.99E-07	1.96E-07	4.4725E-05
607227.8	4201388.22	23708.88996	0.06096	0.06305	0.58509	0.63756	0.05558	0.05472	3.35E-05	3.67E-07	3.85E-07	5.71E-06	6.20E-06	1.95E-07	1.91E-07	4.6157E-05

607247.8	4201388.22	23246.0998	0.06439	0.06673	0.72364	0.80433	0.05427	0.05343	3.28E-05	3.88E-07	4.07E-07	7.07E-06	7.82E-06	1.90E-07	1.87E-07	4.8521E-05
607267.8	4201388.22	22796.97408	0.06816	0.07081	0.93522	1.07164	0.05301	0.0522	3.22E-05	4.10E-07	4.32E-07	9.13E-06	1.04E-05	1.86E-07	1.82E-07	5.2600E-05
607287.8	4201388.22	22362.28175	0.07226	0.07528	1.29256	1.55898	0.0518	0.05101	3.16E-05	4.35E-07	4.59E-07	1.26E-05	1.52E-05	1.81E-07	1.78E-07	6.0268E-05
607307.8	4201388.22	21932.03458	0.07677	0.08021	1.98836	2.62369	0.05062	0.04985	3.10E-05	4.62E-07	4.89E-07	1.94E-05	2.55E-05	1.77E-07	1.74E-07	7.6867E-05
606527.8	4201408.22	43104.85212	0.01272	0.01282	0.05872	0.05958	0.15797	0.15541	6.09E-05	7.66E-08	7.82E-08	5.73E-07	5.79E-07	5.53E-07	5.43E-07	6.2196E-05
606547.8	4201408.22	42596.25843	0.01308	0.01317	0.06031	0.06121	0.15251	0.15001	6.02E-05	7.88E-08	8.03E-08	5.89E-07	5.95E-07	5.34E-07	5.24E-07	6.1514E-05
606567.8	4201408.22	42082.10854	0.01345	0.01355	0.06197	0.0629	0.14729	0.14487	5.94E-05	8.10E-08	8.27E-08	6.05E-07	6.12E-07	5.16E-07	5.06E-07	6.0825E-05
606587.8	4201408.22	41562.44226	0.01383	0.01393	0.06369	0.06468	0.14231	0.13996	5.87E-05	8.33E-08	8.50E-08	6.22E-07	6.29E-07	4.98E-07	4.89E-07	6.0129E-05
606607.8	4201408.22	41021.71584	0.01428	0.01438	0.06561	0.06665	0.1375	0.13522	5.79E-05	8.60E-08	8.77E-08	6.41E-07	6.48E-07	4.81E-07	4.73E-07	5.9409E-05
606627.8	4201408.22	40464.78436	0.0148	0.01489	0.06771	0.06881	0.13288	0.13066	5.72E-05	8.91E-08	9.08E-08	6.61E-07	6.69E-07	4.65E-07	4.57E-07	5.8670E-05
606647.8	4201408.22	39899.7169	0.01534	0.01543	0.06994	0.07112	0.12845	0.1263	5.64E-05	9.24E-08	9.41E-08	6.83E-07	6.92E-07	4.50E-07	4.41E-07	5.7922E-05
606667.8	4201408.22	39343.87976	0.01588	0.01596	0.07222	0.07348	0.12427	0.12218	5.56E-05	9.56E-08	9.74E-08	7.05E-07	7.15E-07	4.35E-07	4.27E-07	5.7189E-05
606687.8	4201408.22	38784.69552	0.01644	0.01651	0.07463	0.07598	0.12028	0.11825	5.48E-05	9.90E-08	1.01E-07	7.29E-07	7.39E-07	4.21E-07	4.13E-07	5.6454E-05
606707.8	4201408.22	38211.13456	0.01705	0.01712	0.07727	0.0787	0.11645	0.11447	5.40E-05	1.03E-07	1.04E-07	7.55E-07	7.65E-07	4.08E-07	4.00E-07	5.5703E-05
606727.8	4201408.22	37633.59431	0.01769	0.01776	0.08005	0.08159	0.11279	0.11087	5.32E-05	1.07E-07	1.08E-07	7.82E-07	7.94E-07	3.95E-07	3.87E-07	5.4950E-05
606747.8	4201408.22	37057.94694	0.01835	0.01839	0.08288	0.08454	0.10931	0.10745	5.23E-05	1.10E-07	1.12E-07	8.09E-07	8.22E-07	3.83E-07	3.75E-07	5.4201E-05
606767.8	4201408.22	36480.56682	0.01893	0.01889	0.08557	0.08732	0.10599	0.10418	5.15E-05	1.14E-07	1.15E-07	8.36E-07	8.49E-07	3.71E-07	3.64E-07	5.3446E-05
606787.8	4201408.22	35858.07393	0.01987	0.01988	0.08937	0.09126	0.10271	0.10095	5.07E-05	1.20E-07	1.21E-07	8.73E-07	8.88E-07	3.60E-07	3.53E-07	5.2653E-05
606807.8	4201408.22	35249.0269	0.0207	0.02063	0.09288	0.09486	0.09961	0.09791	4.98E-05	1.25E-07	1.26E-07	9.07E-07	9.23E-07	3.49E-07	3.42E-07	5.1872E-05
606827.8	4201408.22	34613.20279	0.02182	0.02178	0.09735	0.09944	0.09658	0.09493	4.89E-05	1.31E-07	1.33E-07	9.51E-07	9.67E-07	3.38E-07	3.32E-07	5.1076E-05
606847.8	4201408.22	33977.74878	0.023	0.02293	0.10203	0.10427	0.09369	0.09209	4.80E-05	1.38E-07	1.40E-07	9.96E-07	1.01E-06	3.28E-07	3.22E-07	5.0285E-05
606867.8	4201408.22	33341.22161	0.02426	0.02417	0.10706	0.10945	0.09091	0.08936	4.71E-05	1.46E-07	1.47E-07	1.05E-06	1.06E-06	3.18E-07	3.12E-07	4.9500E-05
606887.8	4201408.22	32704.9296	0.02565	0.02553	0.11255	0.11511	0.08824	0.08674	4.62E-05	1.54E-07	1.56E-07	1.10E-06	1.12E-06	3.09E-07	3.03E-07	4.8727E-05
606907.8	4201408.22	32074.13876	0.02712	0.02699	0.1185	0.12126	0.08568	0.08423	4.53E-05	1.63E-07	1.65E-07	1.16E-06	1.18E-06	3.00E-07	2.94E-07	4.7972E-05
606927.8	4201408.22	31437.03862	0.0288	0.02866	0.12524	0.1283	0.0832	0.08179	4.44E-05	1.73E-07	1.75E-07	1.22E-06	1.25E-06	2.91E-07	2.86E-07	4.7226E-05
606947.8	4201408.22	30820.96434	0.03046	0.03034	0.1325	0.13587	0.08085	0.07948	4.35E-05	1.83E-07	1.85E-07	1.29E-06	1.32E-06	2.83E-07	2.78E-07	4.6521E-05
606967.8	4201408.22	30213.06765	0.03218	0.03212	0.14063	0.14437	0.07859	0.07726	4.27E-05	1.94E-07	1.96E-07	1.37E-06	1.40E-06	2.75E-07	2.70E-07	4.5845E-05
606987.8	4201408.22	29611.88397	0.03398	0.034	0.14995	0.15406	0.07641	0.07512	4.18E-05	2.05E-07	2.07E-07	1.46E-06	1.50E-06	2.68E-07	2.63E-07	4.5204E-05
607007.8	4201408.22	28990.13726	0.03614	0.0363	0.16177	0.16638	0.07424	0.073	4.10E-05	2.18E-07	2.21E-07	1.58E-06	1.62E-06	2.60E-07	2.55E-07	4.4588E-05
607027.8	4201408.22	28362.21095	0.03848	0.03886	0.17636	0.18183	0.07212	0.07092	4.01E-05	2.32E-07	2.37E-07	1.72E-06	1.77E-06	2.53E-07	2.48E-07	4.4023E-05
607047.8	4201408.22	27787.53226	0.04024	0.04083	0.19111	0.19737	0.07016	0.069	3.93E-05	2.42E-07	2.49E-07	1.87E-06	1.92E-06	2.46E-07	2.41E-07	4.3529E-05
607067.8	4201408.22	27230.28033	0.04189	0.04273	0.20808	0.21532	0.06829	0.06716	3.85E-05	2.52E-07	2.61E-07	2.03E-06	2.09E-06	2.39E-07	2.35E-07	4.3104E-05
607087.8	4201408.22	26688.06309	0.04342	0.04452	0.22788	0.23639	0.06649	0.06539	3.77E-05	2.61E-07	2.72E-07	2.23E-06	2.30E-06	2.33E-07	2.29E-07	4.2756E-05
607107.8	4201408.22	26163.65771	0.04488	0.04621	0.25122	0.26136	0.06477	0.0637	3.70E-05	2.70E-07	2.82E-07	2.45E-06	2.54E-06	2.27E-07	2.23E-07	4.2505E-05
607127.8	4201408.22	25652.87993	0.04632	0.04783	0.2792	0.29147	0.06311	0.06207	3.62E-05	2.79E-07	2.92E-07	2.73E-06	2.83E-06	2.21E-07	2.17E-07	4.2369E-05
607147.8	4201408.22	25149.9273	0.04788	0.04948	0.31331	0.32842	0.0615	0.0605	3.55E-05	2.88E-07	3.02E-07	3.06E-06	3.19E-06	2.15E-07	2.11E-07	4.2370E-05
607167.8	4201408.22	24657.5603	0.04966	0.05129	0.35548	0.37448	0.05995	0.05898	3.48E-05	2.99E-07	3.13E-07	3.47E-06	3.64E-06	2.10E-07	2.06E-07	4.2556E-05
607187.8	4201408.22	24175.83985	0.05178	0.05341	0.40875	0.43334	0.05846	0.05751	3.42E-05	3.12E-07	3.26E-07	3.99E-06	4.21E-06	2.05E-07	2.01E-07	4.2994E-05
607207.8	4201408.22	23706.42351	0.05424	0.05592	0.47785	0.51085	0.05701	0.0561	3.35E-05	3.27E-07	3.41E-07	4.67E-06	4.97E-06	2.00E-07	1.96E-07	4.3790E-05
607227.8	4201408.22	23252.09612	0.05702	0.05884	0.57107	0.61753	0.05563	0.05474	3.28E-05	3.43E-07	3.59E-07	5.58E-06	6.01E-06	1.95E-07	1.91E-07	4.5130E-05
607247.8	4201408.22	22813.56255	0.06009	0.06213	0.70348	0.77329	0.05431	0.05345	3.22E-05	3.62E-07	3.79E-07	6.87E-06	7.52E-06	1.90E-07	1.87E-07	4.7357E-05
607267.8	4201408.22	22394.08813	0.06334	0.06566	0.90513	1.02084	0.05305	0.05222	3.16E-05	3.81E-07	4.01E-07	8.84E-06	9.93E-06	1.86E-07	1.82E-07	5.1183E-05
607287.8	4201408.22	21980.04377	0.06695	0.06955	1.23794	1.45686	0.05183	0.05102	3.10E-05	4.03E-07	4.24E-07	1.21E-05	1.42E-05	1.81E-07	1.78E-07	5.8134E-05
607307.8	4201408.22	21569.25027	0.07088	0.07385	1.86778	2.36873	0.05064	0.04985	3.05E-05	4.27E-07	4.50E-07	1.82E-05	2.30E-05	1.77E-07	1.74E-07	7.2623E-05
606533.18	4201421.18	41917.38214	0.01273	0.01283	0.05932	0.06018	0.15869	0.15596	5.92E-05	7.67E-08	7.83E-08	5.79E-07	5.85E-07	5.56E-07	5.45E-07	6.0531E-05
606553.18	4201421.18	41453.99134	0.01303	0.01311	0.06087	0.0618	0.1532	0.15056	5.86E-05	7.85E-08	8.00E-08	5.94E-07	6.01E-07	5.36E-07	5.26E-07	5.9911E-05
606573.18	4201421.18	40957.03408	0.01341	0.01349	0.06256	0.06352	0.14786	0.1453	5.79E-05	8.07E-08	8.23E-08	6.11E-07	6.18E-07	5.18E-07	5.08E-07	5.9247E-05
606593.18	4201421.18	40457.026	0.01379	0.01388	0.06431	0.06533	0.14278	0.1403	5.71E-05	8.30E-08	8.47E-08	6.28E-07	6.35E-07	5.00E-07	4.90E-07	5.8580E-05
606613.18	4201421.18	39940.29084	0.01425	0.01433	0.06623	0.06731	0.13789	0.13548	5.64E-05	8.58E-08	8.74E-08	6.47E-07	6.55E-07	4.83E-07	4.73E-07	5.7893E-05
606633.18	4201421.18	39395.72478	0.01479	0.01486	0.06841	0.06956	0.13315	0.13082	5.56E-05	8.91E-08	9.06E-08	6.68E-07	6.77E-07	4.66E-07	4.57E-07	5.7174E-05
606653.18	4201421.18	38838.25991	0.01537	0.01546	0.07076	0.072	0.1286	0.12634	5.49E-05	9.25E-08	9.43E-08	6.91E-07	7.00E-07	4.50E-07	4.42E-07	5.6440E-05
606673.18	4201421.18	38298.64322	0.01593	0.01601	0.07313	0.07445	0.12433	0.12215	5.41E-05	9.59E-08	9.77E-08	7.14E-07	7.24E-07	4.35E-07	4.27E-07	5.5731E-05
606693.18	4201421.18	37769.76458	0.01647	0.01654	0.07557	0.07694	0.12031	0.11819	5.34E-05	9.92E-08	1.01E-07	7.38E-07	7.48E-07	4.21E-07	4.13E-07	5.5039E-05
606713.18	4201421.18	37220.98016	0.0171	0.01715	0.07821	0.07971	0.11643	0.11438	5.26E-05	1.03E-07	1.05E-07	7.64E-07	7.75E-07	4.08E-07	4.00E-07	5.4324E-05
606727.8	4201423.25	36689.70065	0.01755	0.01759	0.0803	0.08185	0.11385	0.11183	5.18E-05	1.06E-07	1.07E-07	7.84E-07	7.96E-07	3.99E-07	3.91E-07	5.3620E-05
606747.8	4201423.25	36138.45658	0.01822	0.01826	0.0832	0.08488	0.11026	0.1083	5.10E-05	1.10E-07	1.11E-07	8.13E-07	8.26E-07	3.86E-07	3.78E-07	5.2907E-05
606767.8	4201423.25	35584.5705	0.01892	0.01893	0.08617	0.08798	0.10684	0.10494	5.03E-05	1.14E-07	1.15E-07	8.42E-07	8.56E-07	3.74E-07	3.67E-07	5.2192E-05
606787.8	4201423.25	35009.7942	0.01974	0.01973	0.08956	0.09149	0.10352	0.10168	4.95E-05	1.19E-07	1.20E-07	8.75E-07	8.90E-07	3.62E-07	3.55E-07	5.1458E-05
606807.8	4201423.25	34441.85711	0.02048	0.02032	0.09268	0.09472	0.10038	0.0986	4.87E-05	1.23E-07	1.24E-07	9.05E-07	9.21E-07	3.51E-07	3.45E-07	5.0725E-05
606827.8	4201428.22	33590.78959	0.02149	0.0214	0.09694	0.0991	0.0975	0.09575	4.74E-05	1.29E-07	1.31E-07	9.47E-07	9.64E-07	3.41E-07	3.35E-07	4.9620E-05
606847.8	4201428.22	32988.7221	0.02271	0.02261	0.10184	0.10415	0.0945	0.09281	4.66E-05	1.37E-07	1.38E-07	9.95E-07	1.01E-06	3.31E-07	3.24E-07	4.8881E-05
606867.8	4201428.22	32392.10993	0.02395	0.02383	0.10682	0.10928	0.09164	0.09001	4.58E-05	1.44E-07	1.45E-07	1.04E-06	1.06E-06	3.21E-07	3.15E-07	4.8152E-05
606887.8	4201428.22	31793.54394	0.02531	0.02518	0.11229	0.11493	0.0889	0.08732	4.49E-05	1.52E-07	1.54E-07	1.10E-06	1.12E-06	3.11E-07	3.05E-07	4.7431E-05
606907.8	4201428.22	31172.69392	0.02693	0.0268	0.11887	0.12174	0.08621	0.08468	4.40E-05	1.62E-07	1.63E-07	1.16E-06	1.18E-06	3.02E-07	2.96E-07	4.6704E-05
606927.8	4201428.22	30537.04321	0.02881	0.0287	0.12636	0.12945	0.08358	0.08211	4.31E-05	1.73E-07	1.75E-07	1.23E-06	1.26E-06	2.93E-07	2.87E-07	4.5977E-05
606947.8	4201428.22	29937.84007	0.03058	0.03051	0.13427	0.13775	0.08114	0.07971	4.23E-05	1.84E-07	1.86E-07	1.31E-06	1.34E-06	2.84E-07	2.79E-07	4.5311E-05
606967.8	4201428.22	29356.74326	0.03225	0.03228	0.14275	0.14661	0.07881	0.07743	4.15E-05	1.94E-07	1.97E-07	1.39E-06	1.43E-06	2.76E-07	2.71E-07	4.4680E-05
606987.8	4201428.22	28773.05427	0.03394	0.03408	0.15261	0.15689	0.07656	0.07522	4.06E-05	2.04E-07	2.08E-07	1.49E-06	1.53E-06	2.68E-07	2.63E-07	4.4073E-05
607007.8	4201428.22	28186.46577	0.03559	0.03587	0.1639	0.16871	0.07436	0.07306	3.98E-05	2.14E-07	2.19E-07	1.60E-06	1.64E-06	2.60E-07	2.55E-07	4.3490E-05
607027.8	4201428.22	27619.9436	0.03712	0.03757	0.17639	0.18183	0.07227	0.07102	3.90E-05	2.24E-07	2.29E-07	1.72E-06	1.77E-06	2.53E-07	2.48E-07	4.2959E-05
607047.8	4201428.22	27087.83909	0.03857	0.03923	0.19049	0.19668	0.07031	0.06909	3.83E-05	2.32E-07	2.39E-07	1.86E-06	1.91E-06	2.46E-07	2.41E-07	4.2508E-05
607067.8	4201428.22	26576.32892	0.03993	0.04082	0.20677	0.21395	0.06844	0.06726	3.75E-05	2.40E-07	2.49E-07	2.02E-06	2.08E-06	2.40E-07	2.35E-07	4.2131E-05
607087.8	4201428.22	26070.86382	0.0412	0.0423	0.22589	0.23428	0.06663	0.06549	3.68E-05	2.48E-07	2.58E-07	2.21E-06	2.28E-06	2.33E-07	2.29E-07	4.1818E-05
607107.8	4201428.22	25575.00896	0.04243	0.0437	0.24853	0.25845	0.06488	0.06378	3.61E-05	2.55E-07	2.67E-07	2.43E-06	2.51E-06	2.27E-07	2.23E-07	4.1589E-05
607127.8	4201428.22	25092.66277	0.04371	0.04508	0.27561	0.28749	0.06321	0.06214	3.54E-05	2.63E-07	2.75E-07	2.69E-06	2.80E-06	2.21E-07	2.17E-07	4.1471E-05
607147.8	4201428.22	24619.51312	0.04512	0.04654	0.30851	0.32299	0.06159	0.06056	3.48E-05	2.72E-07	2.84E-07	3.01E-06	3.14E-06	2.16E-07	2.12E-07	4.1487E-05
607167.8	4201428.22	24152.44104	0.04678	0.04819	0.34915	0.36716	0.06003	0.05902	3.41E-05	2.82E-07	2.94E-07	3.41E-06	3.57E-06	2.10E-07	2.06E-07	4.1673E-05
607187.8	4201428.22	23692.03151	0.04872	0.05013	0.40034	0.42328	0.05851	0.05754	3.35E-05	2.93E-07	3.06E-07	3.91E-06	4.12E-06	2.05E-07	2.01E-07	4.2092E-05
607207.8	4201428.22	23244.33081	0.05095	0.05242	0.46655	0.49668	0.05705	0.05611	3.28E-05	3.07E-07	3.20E-07	4.56E-06	4.83E-06	2.00E-07	1.96E-07	4.2848E-05
607227.8	4201428.22	22809.60038	0.05345	0.05505	0.55529	0.59667	0.05565	0.05474	3.22E-05	3.22E-07	3.36E-07	5.42E-06	5.80E-06	1.95E-07	1.91E-07	4.4104E-05
607247.8	4201428.22	22395.87696	0.0562	0.058	0.68118	0.74188	0.05432	0.05344	3.16E-05	3.38E-07	3.54E-07	6.65E-06	7.22E-06	1.90E-07	1.87E-07	4.6196E-05
607267.8	4201428.22	22003.02639	0.05906	0.0611	0.87122	0.96824	0.05307	0.05221	3.11E-05	3.56E-07	3.73E-07	8.51E-06	9.42E-06	1.86E-07	1.82E-07	4.9734E-05
607287.8	4201428.22	21602.6431	0.06228	0.06454	1.17803	1.35098	0.05182	0.05099	3.05E-05	3.75E-07	3.94E-07	1.15E-05	1.31E-05	1.81E-07	1.78E-07	5.5928E-05
607307.8	4201428.22	21211.20141	0.06574	0.06832	1.74669	2.11236	0.05062	0.04982	3.00E-05	3.96E-07	4.17E-07	1.71E-05	2.05E-05	1.77E-07	1.74E-07	6.8377E-05
606357.31	4200991.9	164326.6741	0.01936	0.01997	0.04194	0.04193	0.05549	0.0574	2.32E-04	1.17E-07	1.22E-07	4.10E-07	4.08E-07	1.94E-07	2.01E-07	2.3318E-04
606373.3	4200990.76	163923.3575	0.01998	0.02061	0.04263	0.04261	0.0557	0.05756	2.32E-04	1.20E-07	1.26E-07	4.16E-07	4.14E-07	1.95E-07	2.01E-07	2.3263E-04
606393.3	4200990.76	161959.5082	0.02064	0.02131	0.04354	0.04351	0.05627	0.05807	2.29E-04	1.24E-07	1.30E-07	4.25E-07	4.23E-07	1.97E-07	2.03E-07	2.2988E-04
606413.3	4200990.76	159485.0526	0.02134	0.02204	0.04449	0.04446	0.05678	0.05851	2.25E-04	1.28E-07	1.34E-07	4.34E-07	4.32E-07	1.99E-07	2.04E-07	2.2641E-04
606433.3	4200990.76	156504.9214	0.0221	0.02283	0.04549	0.04545	0.05722	0.05888	2.21E-04	1.33E-07	1.39E-07	4.44E-07	4.42E-07	2.00E-07	2.06E-07	2.2223E-04
606453.3	4200990.76	153170.2675	0.02291	0.02369	0.04655	0.04649	0.05759	0.05918	2.16E-04	1.38E-07	1.45E-07	4.55E-07	4.52E-07	2.02E-07	2.07E-07	2.1755E-04
606473.3	4200990.76	149741.2361	0.02378	0.02461	0.04765	0.04752	0.0579	0.05942	2.12E-04	1.43E-07	1.50E-07	4.65E-07	4.62E-07	2.03E-07	2.08E-07	2.1274E-04
606493.3	4200990.76	146453.9598	0.02466	0.02555	0.04863	0.04822	0.05815	0.05959	2.07E-04	1.48E-07	1.56E-07	4.75E-07	4.69E-07	2.04E-07	2.08E-07	2.0813E-04
606513.3	4200990.76	143553.6835	0.02566	0.02654	0.04975	0.0494	0.05834	0.05971	2.03E-04	1.55E-07	1.62E-07	4.86E-07	4.80E-07	2.04E-07	2.09E-07	2.0406E-04
606355.59	4201005.6	153451.2372	0.01844	0.01901	0.04216	0.0422	0.05877	0.06076	2.17E-04	1.11E-07	1.16E-07	4.12E-07	4.10E-07	2.06E-07	2.12E-07	2.1781E-04
606375.59	4201005.6	151781.5209	0.01908	0.01968	0.0431	0.04313	0.05936	0.06128	2.14E-04	1.15E-07	1.20E-07	4.21E-07	4.19E-07	2.08E-07	2.14E-07	2.1548E-04
606393.3	4201010.76	146364.1917	0.01933	0.01994	0.04407	0.04412	0.06109	0.06295	2.07E-04	1.16E-07	1.22E-07	4.30E-07	4.29E-07	2.14E-07	2.20E-07	2.0785E-04
606413.3	4201010.76	144206.3253	0.02	0.02065	0.04508	0.04512	0.0615	0.06329	2.04E-04	1.20E-07	1.26E-07	4.40E-07	4.39E-07	2.15E-07	2.21E-07	2.0483E-04
606433.3	4201010.76	141720.0644	0.02073	0.0214	0.04614	0.04618	0.06184	0.06354	2.00E-04	1.25E-07	1.31E-07	4.51E-07	4.49E-07	2.17E-07	2.22E-07	2.0135E-04
606453.3	4201010.76	139017.1707	0.02148	0.0222	0.04724	0.04727	0.06211	0.06372	1.96E-04	1.29E-07	1.35E-07	4.61E-07	4.60E-07	2.17E-07	2.23E-07	1.9756E-04
606473.3	4201010.76	136202.128	0.02229	0.02305	0.0484	0.04842	0.06231	0.06384	1.92E-04	1.34E-07	1.41E-07	4.73E-07	4.71E-07	2.18E-07	2.23E-07	1.9361E-04
606493.3	4201010.76	133480.254	0.02312	0.02392	0.0496	0.04961	0.06245	0.0639	1.89E-04	1.39E-07	1.46E-07	4.84E-07	4.82E-07	2.19E-07	2.23E-07	1.8980E-04
606513.3	4201010.76	130960.5585	0.02397	0.02482	0.05085	0.05085	0.06253	0.0639	1.85E-04	1.44E-07	1.51E-07	4.97E-07	4.95E-07	2.19E-07	2.23E-07	1.8628E-04
606320.15	4201003.05	158124.317	0.01742	0.01794	0.04046	0.0405	0.05691	0.059	2.23E-04	1.05E-07	1.09E-07	3.95E-07	3.94E-07	1.99E-07	2.06E-07	2.2437E-04
606340.15	4201003.05	156664.0645	0.01806	0.01861	0.04138	0.04141	0.05763	0.05966	2.21E-04	1.09E-07	1.14E-07	4.04E-07	4.03E-07	2.02E-07	2.08E-07	2.2233E-04
608193.06	4200733.55	13157.31124	0.25862	0.26198	0.03401	0.03278	0.02079	0.02072	1.86E-05	1.56E-06	1.60E-06	3.32E-07	3.19E-07	7.28E-08	7.24E-08	2.2392E-05
608193.06	4200741.15	13137.48008	0.25551	0.25888	0.03471	0.03345	0.02087	0.02079	1.86E-05	1.54E-06	1.58E-06	3.39E-07	3.25E-07	7.31E-08	7.27E-08	2.2340E-05
608193.06	4200748.75	13117.51548	0.2524	0.25578	0.03542	0.03414	0.02095	0.02087	1.85E-05	1.52E-06	1.56E-06	3.46E-07	3.32E-07	7.34E-08	7.29E-08	2.2287E-05
608193.06	4200756.35	13097.70672	0.2493	0.25269	0.03613	0.03483	0.02102	0.02094	1.85E-05	1.50E-06	1.54E-06	3.53E-07	3.39E-07	7.36E-08	7.32E-08	2.2236E-05
608186.19	4200779.15	13106.50739	0.24446	0.24794	0.03845	0.03706	0.02131	0.02122	1.85E-05	1.47E-06	1.51E-06	3.75E-07	3.60E-07	7.46E-08	7.42E-08	2.2234E-05
608199.93	4200733.55	13087.42709	0.25375	0.25703	0.03394	0.03273	0.02072	0.02065	1.85E-05	1.53E-06	1.57E-06	3.31E-07	3.18E-07	7.25E-08	7.22E-08	2.2233E-05
608193.06	4200763.95	13077.97015	0.24621	0.2496	0.03686	0.03553	0.02109	0.02101	1.85E-05	1.48E-06	1.52E-06	3.60E-07	3.46E-07	7.38E-08	7.34E-08	2.2184E-05
608199.93	4200741.15	13067.92661	0.25074	0.25403	0.03464	0.0334	0.0208	0.02072	1.85E-05	1.51E-06	1.55E-06	3.38E-07	3.25E-07	7.28E-08	7.24E-08	2.2182E-05
608186.19	4200786.75	13085.48383	0.24131	0.2448	0.0392	0.03779	0.02138	0.02129	1.85E-05	1.45E-06	1.49E-06	3.83E-07	3.68E-07	7.49E-08	7.44E-08	2.2181E-05
608193.06	4200771.55	13057.98157	0.24313	0.24653	0.03759	0.03624	0.02117	0.02108	1.84E-05	1.46E-06	1.50E-06	3.67E-07	3.52E-07	7.41E-08	7.37E-08	2.2133E-05
608199.93	4200748.75	13048.07749	0.24773	0.25103	0.03533	0.03407	0.02087	0.02079	1.84E-05	1.49E-06	1.53E-06	3.45E-07	3.31E-07	7.31E-08	7.27E-08	2.2131E-05
608186.19	4200794.35	13064.55072	0.23818	0.24167	0.03996	0.03853	0.02145	0.02135	1.85E-05	1.43E-06	1.47E-06	3.90E-07	3.75E-07	7.51E-08	7.46E-08	2.2128E-05
608193.06	4200779.15	13037.41562	0.24007	0.24347	0.03833	0.03696	0.02124	0.02114	1.84E-05	1.45E-06	1.49E-06	3.74E-07	3.59E-07	7.44E-08	7.39E-08	2.2081E-05
608199.93	4200756.35	13028.50168	0.24473	0.24804	0.03604	0.03476	0.02095	0.02086	1.84E-05	1.47E-06	1.51E-06	3.52E-07	3.38E-07	7.34E-08	7.29E-08	2.2080E-05
608206.8	4200733.55	13018.21097	0.24901	0.25222	0.03388	0.03267	0.02065	0.02058	1.84E-05	1.50E-06	1.54E-06	3.31E-07	3.18E-07	7.23E-08	7.19E-08	2.2076E-05
608186.19	4200801.95	13043.72467	0.23508	0.23856	0.04072	0.03928	0.02152	0.02142	1.84E-05	1.42E-06	1.46E-06	3.98E-07	3.82E-07	7.53E-08	7.49E-08	2.2076E-05
608199.93	4200763.95	13009.08419	0.24174	0.24505	0.03676	0.03545	0.02102	0.02093	1.84E-05	1.46E-06	1.49E-06	3.59E-07	3.45E-07	7.36E-08	7.31E-08	2.2030E-05
608193.06	4200786.75	13016.63096	0.23701	0.24041	0.03907	0.03768	0.02131	0.02121	1.84E-05	1.43E-06	1.47E-06	3.82E-07	3.66E-07	7.46E-08	7.41E-08	2.2029E-05
608206.8	4200741.15	12999.03498	0.2461	0.24932	0.03456	0.03333	0.02073	0.02065	1.84E-05	1.48E-06	1.52E-06	3.38E-07	3.24E-07	7.26E-08	7.22E-08	2.2026E-05
608186.19	4200809.55	13022.5124	0.23199	0.23547	0.0415	0.04003	0.02159	0.02148	1.84E-05	1.40E-06	1.44E-06	4.05E-07	3.89E-07	7.56E-08	7.51E-08	2.2023E-05
608199.93	4200771.55	12989.31537	0.23875	0.24207	0.03748	0.03615	0.02109	0.021	1.83E-05	1.44E-06	1.48E-06	3.66E-07	3.52E-07	7.38E-08	7.34E-08	2.1980E-05
608193.06	4200794.35	12995.93646	0.23397	0.23738	0.03982	0.03841	0.02137	0.02128	1.84E-05	1.41E-06	1.45E-06	3.89E-07	3.74E-07	7.48E-08	7.44E-08	2.1977E-05
608206.8	4200748.75	12979.49821	0.24318	0.24641	0.03525	0.034	0.0208	0.02072	1.83E-05	1.46E-06	1.50E-06	3.44E-07	3.31E-07	7.28E-08	7.24E-08	2.1977E-05
608186.19	4200817.15	13001.0077	0.22892	0.2324	0.04227	0.04079	0.02165	0.02154	1.84E-05	1.38E-06	1.42E-06	4.13E-07	3.97E-07	7.58E-08	7.53E-08	2.1970E-05
608199.93	4200779.15	12968.98376	0.23578	0.2391	0.03821	0.03685	0.02116	0.02107	1.83E-05	1.42E-06	1.46E-06	3.73E-07	3.58E-07	7.41E-08	7.36E-08	2.1929E-05
608206.8	4200756.35	12959.94834	0.24027	0.24351	0.03595	0.03468	0.02088	0.02079	1.83E-05	1.45E-06	1.49E-06	3.51E-07	3.37E-07	7.31E-08	7.27E-08	2.1927E-05
608193.06	4200801.95	12975.03374	0.23096	0.23436	0.04058	0.03915	0.02144	0.02134	1.83E-05	1.39E-06	1.43E-06	3.96E-07	3.81E-07	7.51E-08	7.46E-08	2.1926E-05
608213.67	4200733.55	12949.75901	0.2444	0.24754	0.03381	0.03261	0.02058	0.02051	1.83E-05	1.47E-06	1.51E-06	3.30E-07	3.17E-07	7.21E-08	7.17E-08	2.1921E-05
608186.19	4200824.75	12979.08833	0.22588	0.22936	0.04306	0.04155	0.02171	0.0216	1.83E-05	1.36E-06	1.40E-06	4.21E-07	4.04E-07	7.60E-08	7.55E-08	2.1918E-05
608199.93	4200786.75	12948.53374	0.23282	0.23614	0.03894	0.03757	0.02123	0.02113	1.83E-05	1.40E-06	1.44E-06	3.80E-07	3.65E-07	7.43E-08	7.38E-08	2.1879E-05
608206.8	4200763.95	12940.6424	0.23737	0.24061	0.03665	0.03536	0.02095	0.02086	1.83E-05	1.43E-06	1.47E-06	3.58E-07	3.44E-07	7.34E-08	7.29E-08	2.1878E-05
608193.06	4200809.55	12953.86024	0.22796	0.23136	0.04134	0.03989	0.02151	0.0214	1.83E-05	1.37E-06	1.41E-06	4.04E-07	3.88E-07	7.53E-08	7.48E-08	2.1874E-05
608213.67	4200741.15	12930.90187	0.24158	0.24473	0.03448	0.03327	0.02066	0.02058	1.83E-05	1.45E-06	1.49E-06	3.37E-07	3.24E-07	7.23E-08	7.19E-08	2.1874E-05
608186.19	4200832.35	12956.9739	0.22286	0.22633	0.04384	0.04232	0.02177	0.02166	1.83E-05	1.34E-06	1.38E-06	4.28E-07	4.12E-07	7.62E-08	7.57E-08	2.1865E-05
608206.8	4200771.55	12921.19893	0.23448	0.23773	0.03737	0.03606	0.02102	0.02093	1.83E-05	1.41E-06	1.45E-06	3.65E-07	3.51E-07	7.36E-08	7.31E-08	2.1830E-05
608199.93	4200794.35	12927.96977	0.22987	0.2332	0.03968	0.03829	0.0213	0.0212	1.83E-05	1.38E-06	1.42E-06	3.88E-07	3.72E-07	7.46E-08	7.41E-08	2.1828E-05
608213.67	4200748.75	12911.47049	0.23875	0.24191	0.03516	0.03393	0.02073	0.02065	1.82E-05	1.44E-06	1.48E-06	3.43E-07	3.30E-07	7.26E-08	7.22E-08	2.1825E-05
608193.06	4200817.15	12932.60933	0.22498	0.22838	0.0421	0.04064	0.02157	0.02146	1.83E-05	1.35E-06	1.39E-06	4.11E-07	3.95E-07	7.55E-08	7.50E-08	2.1822E-05
608186.19	4200839.95	12934.56233	0.21987	0.22333	0.04463	0.0431	0.02183	0.02172	1.83E-05	1.32E-06	1.36E-06	4.36E-07	4.19E-07	7.64E-08	7.59E-08	2.1812E-05
608206.8	4200779.15	12901.20277	0.2316	0.23485	0.03808	0.03676	0.02109	0.02099	1.82E-05	1.39E-06	1.43E-06	3.72E-07	3.58E-07	7.38E-08	7.34E-08	2.1780E-05
608199.93	4200801.95	12907.19952	0.22694	0.23027	0.04042	0.03902	0.02136	0.02126	1.82E-05	1.37E-06	1.40E-06	3.95E-07	3.79E-07	7.48E-08	7.43E-08	2.1778E-05
608213.67	4200756.35	12892.04082	0.23593	0.23909	0.03585	0.0346	0.0208	0.02072	1.82E-05	1.42E-06	1.46E-06	3.50E-07	3.37E-07	7.28E-08	7.24E-08	2.1777E-05
608193.06	4200824.75	12911.24853	0.22203	0.22543	0.04287	0.04139	0.02163	0.02152	1.82E-05	1.34E-06	1.38E-06	4.19E-07	4.03E-07	7.57E-08	7.52E-08	2.1771E-05
608220.54	4200733.55	12881.95907	0.23991	0.24297	0.03373	0.03256	0.02052	0.02044	1.82E-05	1.44E-06	1.48E-06	3.29E-07	3.17E-07	7.18E-08	7.14E-08	2.1769E-05
608186.19	4200847.55	12911.89469	0.21691	0.22036	0.04542	0.04387	0.02189	0.02177	1.82E-05	1.31E-06	1.34E-06	4.44E-07	4.27E-07	7.66E-08	7.61E-08	2.1760E-05
608206.8	4200786.75	12880.98223	0.22872	0.23197	0.03881	0.03746	0.02115	0.02106	1.82E-05	1.38E-06	1.42E-06	3.79E-07	3.64E-07	7.41E-08	7.36E-08	2.1731E-05
608213.67	4200763.95	12872.7428	0.23312	0.23629	0.03655	0.03528	0.02087	0.02079	1.82E-05	1.40E-06	1.44E-06	3.57E-07	3.43E-07	7.31E-08	7.27E-08	2.1729E-05
608199.93	4200809.55	12886.17044	0.22402	0.22735	0.04117	0.03975	0.02143	0.02132	1.82E-05	1.35E-06	1.39E-06	4.02E-07	3.87E-07	7.50E-08	7.45E-08	2.1727E-05
608220.54	4200741.15	12863.31688	0.23718	0.24025	0.0344	0.0332	0.02059	0.02051	1.82E-05	1.43E-06	1.47E-06	3.36E-07	3.23E-07	7.21E-08	7.17E-08	2.1723E-05
608193.06	4200832.35	12889.58465	0.2191	0.22249	0.04365	0.04215	0.02169	0.02158	1.82E-05	1.32E-06	1.36E-06	4.26E-07	4.10E-07	7.59E-08	7.54E-08	2.1720E-05
608186.19	4200855.15	12888.82463	0.21397	0.21741	0.04622	0.04465	0.02195	0.02183	1.82E-05	1.29E-06	1.33E-06	4.51E-07	4.34E-07	7.69E-08	7.63E-08	2.1707E-05
608206.8	4200794.35	12860.64545	0.22586	0.22912	0.03954	0.03817	0.02122	0.02112	1.82E-05	1.36E-06	1.40E-06	3.86E-07	3.71E-07	7.43E-08	7.38E-08	2.1682E-05
608213.67	4200771.55	12853.516	0.23032	0.23349	0.03725	0.03596	0.02094	0.02085	1.82E-05	1.39E-06	1.42E-06	3.64E-07	3.50E-07	7.33E-08	7.29E-08	2.1681E-05
608199.93	4200817.15	12865.06477	0.22113	0.22446	0.04193	0.04049	0.02149	0.02138	1.82E-05	1.33E-06	1.37E-06	4.09E-07	3.94E-07	7.52E-08	7.47E-08	2.1677E-05
608220.54	4200748.75	12844.19037	0.23444	0.23752	0.03508	0.03386	0.02066	0.02058	1.81E-05	1.41E-06	1.45E-06	3.43E-07	3.29E-07	7.23E-08	7.19E-08	2.1676E-05
608193.06	4200839.95	12867.43578	0.21619	0.21958	0.04442	0.04291	0.02175	0.02163	1.82E-05	1.30E-06	1.34E-06	4.34E-07	4.17E-07	7.62E-08	7.56E-08	2.1669E-05
608186.19	4200862.75	12865.39663	0.21106	0.21449	0.04702	0.04544	0.022	0.02188	1.82E-05	1.27E-06	1.31E-06	4.59E-07	4.42E-07	7.70E-08	7.65E-08	2.1654E-05
608213.67	4200779.15	12833.85394	0.22752	0.23069	0.03796	0.03665	0.02101	0.02092	1.81E-05	1.37E-06	1.41E-06	3.71E-07	3.56E-07	7.36E-08	7.31E-08	2.1633E-05
608206.8	4200801.95	12840.10502	0.22302	0.22627	0.04027	0.03889	0.02128	0.02118	1.81E-05	1.34E-06	1.38E-06	3.93E-07	3.78E-07	7.45E-08	7.40E-08	2.1632E-05
608220.54	4200756.35	12824.87744	0.2317	0.23479	0.03576	0.03452	0.02073	0.02065	1.81E-05	1.40E-06	1.43E-06	3.49E-07	3.36E-07	7.26E-08	7.22E-08	2.1628E-05
608199.93	4200824.75	12843.84008	0.21827	0.22159	0.04269	0.04123	0.02155	0.02144	1.81E-05	1.31E-06	1.35E-06	4.17E-07	4.01E-07	7.55E-08	7.49E-08	2.1627E-05
608227.41	4200733.55	12814.59701	0.23553	0.23853	0.03367	0.0325	0.02045	0.02037	1.81E-05	1.42E-06	1.46E-06	3.29E-07	3.16E-07	7.16E-08	7.12E-08	2.1620E-05
608193.06	4200847.55	12845.0281	0.21331	0.21669	0.04521	0.04368	0.02181	0.02169	1.81E-05	1.28E-06	1.32E-06	4.42E-07	4.25E-07	7.64E-08	7.58E-08	2.1617E-05
608186.19	4200870.35	12841.66739	0.20818	0.2116	0.04782	0.04623	0.02206	0.02193	1.81E-05	1.25E-06	1.29E-06	4.67E-07	4.50E-07	7.72E-08	7.66E-08	2.1601E-05
608213.67	4200786.75	12813.96486	0.22473	0.22791	0.03868	0.03735	0.02108	0.02098	1.81E-05	1.35E-06	1.39E-06	3.78E-07	3.63E-07	7.38E-08	7.33E-08	2.1585E-05
608206.8	4200809.55	12819.42065	0.22019	0.22344	0.04101	0.03961	0.02135	0.02124	1.81E-05	1.33E-06	1.36E-06	4.00E-07	3.85E-07	7.48E-08	7.42E-08	2.1583E-05
608220.54	4200763.95	12805.58758	0.22897	0.23207	0.03645	0.03519	0.0208	0.02071	1.81E-05	1.38E-06	1.42E-06	3.56E-07	3.42E-07	7.28E-08	7.24E-08	2.1581E-05
608199.93	4200832.35	12822.62254	0.21543	0.21874	0.04345	0.04198	0.02161	0.02149	1.81E-05	1.30E-06	1.33E-06	4.24E-07	4.08E-07	7.57E-08	7.51E-08	2.1577E-05
608227.41	4200741.15	12796.16632	0.23289	0.23589	0.03432	0.03314	0.02052	0.02044	1.81E-05	1.40E-06	1.44E-06	3.35E-07	3.22E-07	7.18E-08	7.14E-08	2.1574E-05
608193.06	4200855.15	12822.23822	0.21046	0.21382	0.04599	0.04445	0.02186	0.02174	1.81E-05	1.27E-06	1.30E-06	4.49E-07	4.32E-07	7.65E-08	7.60E-08	2.1565E-05
608213.67	4200794.35	12793.95648	0.22196	0.22514	0.0394	0.03805	0.02114	0.02104	1.81E-05	1.34E-06	1.37E-06	3.85E-07	3.70E-07	7.40E-08	7.35E-08	2.1537E-05
608220.54	4200771.55	12786.36637	0.22625	0.22935	0.03714	0.03586	0.02087	0.02078	1.81E-05	1.36E-06	1.40E-06	3.63E-07	3.49E-07	7.31E-08	7.26E-08	2.1535E-05
608206.8	4200817.15	12798.45715	0.21738	0.22063	0.04176	0.04034	0.02141	0.0213	1.81E-05	1.31E-06	1.35E-06	4.08E-07	3.92E-07	7.50E-08	7.44E-08	2.1534E-05
608227.41	4200748.75	12777.4463	0.23024	0.23325	0.03499	0.03379	0.02059	0.02051	1.80E-05	1.39E-06	1.42E-06	3.42E-07	3.29E-07	7.21E-08	7.17E-08	2.1529E-05
608199.93	4200839.95	12800.83616	0.2126	0.21591	0.04422	0.04273	0.02167	0.02155	1.81E-05	1.28E-06	1.32E-06	4.32E-07	4.16E-07	7.59E-08	7.53E-08	2.1527E-05
608193.06	4200862.75	12799.06652	0.20763	0.21098	0.04678	0.04522	0.02192	0.02179	1.81E-05	1.25E-06	1.29E-06	4.57E-07	4.40E-07	7.67E-08	7.61E-08	2.1513E-05
608213.67	4200801.95	12773.6417	0.2192	0.22237	0.04012	0.03876	0.02121	0.0211	1.80E-05	1.32E-06	1.36E-06	3.92E-07	3.77E-07	7.43E-08	7.37E-08	2.1489E-05
608220.54	4200779.15	12766.82602	0.22354	0.22664	0.03784	0.03655	0.02094	0.02084	1.80E-05	1.35E-06	1.38E-06	3.70E-07	3.55E-07	7.33E-08	7.28E-08	2.1488E-05
608206.8	4200824.75	12777.16387	0.21459	0.21784	0.04251	0.04107	0.02147	0.02136	1.80E-05	1.29E-06	1.33E-06	4.15E-07	3.99E-07	7.52E-08	7.46E-08	2.1484E-05
608227.41	4200756.35	12758.45101	0.22758	0.23061	0.03566	0.03444	0.02066	0.02057	1.80E-05	1.37E-06	1.41E-06	3.48E-07	3.35E-07	7.23E-08	7.19E-08	2.1483E-05
608199.93	4200847.55	12778.792	0.2098	0.2131	0.04499	0.04348	0.02172	0.0216	1.81E-05	1.26E-06	1.30E-06	4.39E-07	4.23E-07	7.60E-08	7.55E-08	2.1476E-05
608193.06	4200870.35	12775.7131	0.20483	0.20817	0.04757	0.046	0.02197	0.02184	1.80E-05	1.23E-06	1.27E-06	4.65E-07	4.47E-07	7.69E-08	7.63E-08	2.1462E-05
608213.67	4200809.55	12753.19399	0.21645	0.21963	0.04085	0.03947	0.02127	0.02116	1.80E-05	1.30E-06	1.34E-06	3.99E-07	3.84E-07	7.45E-08	7.39E-08	2.1441E-05
608220.54	4200786.75	12747.26328	0.22083	0.22394	0.03854	0.03723	0.021	0.0209	1.80E-05	1.33E-06	1.37E-06	3.76E-07	3.62E-07	7.35E-08	7.30E-08	2.1441E-05
608227.41	4200763.95	12739.26856	0.22493	0.22796	0.03634	0.0351	0.02073	0.02064	1.80E-05	1.35E-06	1.39E-06	3.55E-07	3.41E-07	7.26E-08	7.21E-08	2.1436E-05
608206.8	4200832.35	12756.08019	0.21183	0.21507	0.04326	0.0418	0.02153	0.02141	1.80E-05	1.28E-06	1.31E-06	4.22E-07	4.07E-07	7.54E-08	7.48E-08	2.1435E-05
608234.28	4200741.15	12729.44233	0.2287	0.23164	0.03425	0.03307	0.02045	0.02037	1.80E-05	1.38E-06	1.41E-06	3.34E-07	3.22E-07	7.16E-08	7.12E-08	2.1427E-05
608199.93	4200855.15	12756.27365	0.20703	0.21031	0.04576	0.04424	0.02178	0.02165	1.80E-05	1.25E-06	1.28E-06	4.47E-07	4.30E-07	7.63E-08	7.57E-08	2.1426E-05
608240.38	4200722.19	12716.67085	0.2313	0.23416	0.03258	0.03146	0.02021	0.02014	1.80E-05	1.39E-06	1.43E-06	3.18E-07	3.06E-07	7.08E-08	7.04E-08	2.1409E-05
608220.54	4200794.35	12727.78513	0.21814	0.22125	0.03926	0.03793	0.02107	0.02097	1.80E-05	1.31E-06	1.35E-06	3.83E-07	3.69E-07	7.38E-08	7.33E-08	2.1394E-05
608213.67	4200817.15	12732.46741	0.21372	0.2169	0.04159	0.04019	0.02133	0.02122	1.80E-05	1.29E-06	1.32E-06	4.06E-07	3.91E-07	7.47E-08	7.42E-08	2.1393E-05
608227.41	4200771.55	12720.0568	0.22229	0.22532	0.03703	0.03577	0.02079	0.0207	1.80E-05	1.34E-06	1.37E-06	3.62E-07	3.48E-07	7.28E-08	7.23E-08	2.1390E-05

608206.8	4200839.95	12734.85497	0.20909	0.21232	0.04401	0.04254	0.02158	0.02147	1.80E-05	1.26E-06	1.30E-06	4.30E-07	4.14E-07	7.56E-08	7.50E-08	2.1387E-05
608234.28	4200748.75	12711.02807	0.22613	0.22908	0.03491	0.03371	0.02052	0.02044	1.80E-05	1.36E-06	1.40E-06	3.41E-07	3.28E-07	7.18E-08	7.14E-08	2.1383E-05
608199.93	4200862.75	12733.35961	0.20428	0.20755	0.04654	0.045	0.02183	0.0217	1.80E-05	1.23E-06	1.27E-06	4.54E-07	4.38E-07	7.64E-08	7.58E-08	2.1375E-05
608240.73	4200729.53	12695.45718	0.22868	0.23155	0.03319	0.03205	0.02028	0.0202	1.79E-05	1.38E-06	1.41E-06	3.24E-07	3.12E-07	7.10E-08	7.06E-08	2.1359E-05
608220.54	4200801.95	12707.80231	0.21546	0.21857	0.03997	0.03863	0.02113	0.02103	1.80E-05	1.30E-06	1.33E-06	3.90E-07	3.76E-07	7.40E-08	7.35E-08	2.1347E-05
608227.41	4200779.15	12700.53228	0.21965	0.22269	0.03772	0.03644	0.02086	0.02077	1.79E-05	1.32E-06	1.36E-06	3.68E-07	3.54E-07	7.30E-08	7.26E-08	2.1344E-05
608213.67	4200824.75	12711.41282	0.21101	0.21418	0.04232	0.04091	0.02139	0.02127	1.80E-05	1.27E-06	1.31E-06	4.13E-07	3.98E-07	7.49E-08	7.43E-08	2.1344E-05
608234.28	4200756.35	12692.34375	0.22356	0.22652	0.03557	0.03436	0.02059	0.0205	1.79E-05	1.35E-06	1.38E-06	3.47E-07	3.34E-07	7.21E-08	7.16E-08	2.1338E-05
608206.8	4200847.55	12713.17351	0.20637	0.20959	0.04477	0.04329	0.02164	0.02152	1.80E-05	1.24E-06	1.28E-06	4.37E-07	4.21E-07	7.58E-08	7.52E-08	2.1338E-05
608199.93	4200870.35	12710.26844	0.20155	0.20482	0.04732	0.04577	0.02188	0.02175	1.80E-05	1.21E-06	1.25E-06	4.62E-07	4.45E-07	7.66E-08	7.60E-08	2.1324E-05
608220.54	4200809.55	12687.59153	0.2128	0.2159	0.04069	0.03933	0.02119	0.02108	1.79E-05	1.28E-06	1.32E-06	3.97E-07	3.83E-07	7.42E-08	7.37E-08	2.1300E-05
608227.41	4200786.75	12681.18518	0.21703	0.22007	0.03841	0.03712	0.02092	0.02083	1.79E-05	1.31E-06	1.34E-06	3.75E-07	3.61E-07	7.32E-08	7.28E-08	2.1298E-05
608213.67	4200832.35	12690.2553	0.20832	0.21149	0.04307	0.04164	0.02144	0.02133	1.79E-05	1.25E-06	1.29E-06	4.21E-07	4.05E-07	7.51E-08	7.45E-08	2.1296E-05
608234.28	4200763.95	12673.56637	0.221	0.22396	0.03624	0.03501	0.02066	0.02057	1.79E-05	1.33E-06	1.37E-06	3.54E-07	3.40E-07	7.23E-08	7.19E-08	2.1294E-05
608206.8	4200855.15	12690.92045	0.20367	0.20688	0.04554	0.04404	0.02169	0.02157	1.79E-05	1.23E-06	1.26E-06	4.45E-07	4.28E-07	7.59E-08	7.54E-08	2.1288E-05
608241.15	4200741.15	12663.441	0.22462	0.2275	0.03417	0.033	0.02038	0.0203	1.79E-05	1.35E-06	1.39E-06	3.34E-07	3.21E-07	7.14E-08	7.09E-08	2.1283E-05
608220.54	4200817.15	12667.10109	0.21015	0.21325	0.04141	0.04004	0.02125	0.02114	1.79E-05	1.27E-06	1.30E-06	4.04E-07	3.89E-07	7.44E-08	7.39E-08	2.1253E-05
608227.41	4200794.35	12661.92287	0.21442	0.21746	0.03911	0.0378	0.02099	0.02089	1.79E-05	1.29E-06	1.33E-06	3.82E-07	3.68E-07	7.35E-08	7.30E-08	2.1253E-05
608234.28	4200771.55	12654.56924	0.21843	0.2214	0.03692	0.03567	0.02072	0.02063	1.79E-05	1.32E-06	1.35E-06	3.61E-07	3.47E-07	7.25E-08	7.21E-08	2.1249E-05
608213.67	4200839.95	12669.3766	0.20566	0.20882	0.04381	0.04237	0.0215	0.02138	1.79E-05	1.24E-06	1.27E-06	4.28E-07	4.12E-07	7.53E-08	7.47E-08	2.1249E-05
608241.15	4200748.75	12645.02768	0.22213	0.22501	0.03482	0.03364	0.02045	0.02037	1.79E-05	1.34E-06	1.37E-06	3.40E-07	3.27E-07	7.16E-08	7.12E-08	2.1239E-05
608206.8	4200862.75	12668.2602	0.201	0.2042	0.0463	0.04479	0.02175	0.02162	1.79E-05	1.21E-06	1.25E-06	4.52E-07	4.36E-07	7.62E-08	7.56E-08	2.1239E-05
608248.42	4200723.59	12636.54902	0.22599	0.22877	0.03262	0.03151	0.02014	0.02007	1.79E-05	1.36E-06	1.40E-06	3.19E-07	3.06E-07	7.05E-08	7.01E-08	2.1231E-05
608227.41	4200801.95	12642.47369	0.21182	0.21486	0.03982	0.03849	0.02105	0.02095	1.79E-05	1.28E-06	1.31E-06	3.89E-07	3.74E-07	7.37E-08	7.32E-08	2.1208E-05
608220.54	4200824.75	12646.27833	0.20751	0.21061	0.04214	0.04075	0.02131	0.02119	1.79E-05	1.25E-06	1.28E-06	4.12E-07	3.96E-07	7.46E-08	7.41E-08	2.1206E-05
608234.28	4200779.15	12635.36549	0.21587	0.21884	0.0376	0.03633	0.02079	0.02069	1.78E-05	1.30E-06	1.33E-06	3.67E-07	3.53E-07	7.28E-08	7.23E-08	2.1204E-05
608213.67	4200847.55	12648.16029	0.20302	0.20616	0.04456	0.0431	0.02156	0.02144	1.79E-05	1.22E-06	1.26E-06	4.35E-07	4.19E-07	7.55E-08	7.49E-08	2.1201E-05
608248.07	4200730.93	12622.27993	0.22387	0.22667	0.03323	0.0321	0.02022	0.02014	1.78E-05	1.35E-06	1.38E-06	3.25E-07	3.12E-07	7.08E-08	7.04E-08	2.1197E-05
608241.15	4200756.35	12626.6514	0.21964	0.22253	0.03547	0.03427	0.02052	0.02043	1.78E-05	1.32E-06	1.36E-06	3.46E-07	3.33E-07	7.18E-08	7.14E-08	2.1196E-05
608206.8	4200870.35	12645.42899	0.19835	0.20154	0.04707	0.04554	0.0218	0.02167	1.79E-05	1.19E-06	1.23E-06	4.60E-07	4.43E-07	7.63E-08	7.57E-08	2.1189E-05
608227.41	4200809.55	12622.59581	0.20923	0.21227	0.04053	0.03919	0.02111	0.021	1.78E-05	1.26E-06	1.29E-06	3.96E-07	3.81E-07	7.39E-08	7.34E-08	2.1162E-05
608234.28	4200786.75	12616.03001	0.21332	0.21629	0.03828	0.037	0.02085	0.02075	1.78E-05	1.28E-06	1.32E-06	3.74E-07	3.60E-07	7.30E-08	7.25E-08	2.1159E-05
608220.54	4200832.35	12625.14555	0.2049	0.20799	0.04287	0.04147	0.02136	0.02125	1.78E-05	1.23E-06	1.27E-06	4.19E-07	4.03E-07	7.48E-08	7.43E-08	2.1158E-05
608241.15	4200763.95	12608.37218	0.21715	0.22005	0.03614	0.03492	0.02058	0.02049	1.78E-05	1.31E-06	1.34E-06	3.53E-07	3.40E-07	7.21E-08	7.16E-08	2.1153E-05
608213.67	4200855.15	12626.16853	0.20039	0.20353	0.04531	0.04384	0.02161	0.02149	1.78E-05	1.21E-06	1.24E-06	4.42E-07	4.26E-07	7.57E-08	7.51E-08	2.1152E-05
608248.02	4200741.15	12598.25102	0.22065	0.22346	0.03409	0.03293	0.02031	0.02023	1.78E-05	1.33E-06	1.36E-06	3.33E-07	3.20E-07	7.11E-08	7.07E-08	2.1141E-05
608227.41	4200817.15	12602.33841	0.20665	0.20969	0.04124	0.03989	0.02117	0.02106	1.78E-05	1.24E-06	1.28E-06	4.03E-07	3.88E-07	7.41E-08	7.36E-08	2.1116E-05
608234.28	4200794.35	12596.67441	0.21078	0.21375	0.03898	0.03768	0.02091	0.02081	1.78E-05	1.27E-06	1.30E-06	3.81E-07	3.66E-07	7.32E-08	7.27E-08	2.1114E-05
608220.54	4200839.95	12604.61194	0.20231	0.20539	0.04361	0.04219	0.02142	0.0213	1.78E-05	1.22E-06	1.25E-06	4.26E-07	4.10E-07	7.50E-08	7.44E-08	2.1112E-05
608241.15	4200771.55	12589.79282	0.21467	0.21757	0.0368	0.03557	0.02065	0.02056	1.78E-05	1.29E-06	1.33E-06	3.59E-07	3.46E-07	7.23E-08	7.18E-08	2.1109E-05
608213.67	4200862.75	12603.76378	0.19779	0.20092	0.04606	0.04458	0.02166	0.02153	1.78E-05	1.19E-06	1.23E-06	4.50E-07	4.34E-07	7.58E-08	7.52E-08	2.1104E-05
608248.02	4200748.75	12579.839	0.21823	0.22105	0.03473	0.03356	0.02038	0.02029	1.78E-05	1.31E-06	1.35E-06	3.39E-07	3.26E-07	7.14E-08	7.09E-08	2.1098E-05
608234.28	4200801.95	12577.75435	0.20826	0.21123	0.03967	0.03836	0.02097	0.02087	1.78E-05	1.25E-06	1.29E-06	3.87E-07	3.73E-07	7.34E-08	7.29E-08	2.1070E-05
608255.76	4200725.34	12562.83782	0.22115	0.22387	0.03269	0.03159	0.02009	0.02001	1.77E-05	1.33E-06	1.37E-06	3.19E-07	3.07E-07	7.03E-08	6.99E-08	2.1070E-05
608227.41	4200824.75	12581.74793	0.20409	0.20712	0.04196	0.04059	0.02123	0.02111	1.78E-05	1.23E-06	1.26E-06	4.10E-07	3.95E-07	7.43E-08	7.38E-08	2.1070E-05
608220.54	4200847.55	12583.64809	0.19974	0.20281	0.04435	0.04291	0.02147	0.02135	1.78E-05	1.20E-06	1.24E-06	4.33E-07	4.17E-07	7.52E-08	7.46E-08	2.1066E-05
608241.15	4200779.15	12570.80449	0.21218	0.21509	0.03748	0.03623	0.02071	0.02062	1.78E-05	1.28E-06	1.31E-06	3.66E-07	3.52E-07	7.25E-08	7.21E-08	2.1065E-05
608248.02	4200756.35	12561.76574	0.21582	0.21864	0.03538	0.03419	0.02045	0.02036	1.77E-05	1.30E-06	1.33E-06	3.46E-07	3.33E-07	7.16E-08	7.12E-08	2.1056E-05
608213.67	4200870.35	12581.18361	0.19521	0.19833	0.04682	0.04532	0.02171	0.02158	1.78E-05	1.18E-06	1.21E-06	4.57E-07	4.41E-07	7.60E-08	7.54E-08	2.1055E-05
608255.41	4200731.98	12550.6033	0.21931	0.22205	0.03324	0.03212	0.02015	0.02008	1.77E-05	1.32E-06	1.35E-06	3.25E-07	3.12E-07	7.06E-08	7.02E-08	2.1041E-05
608234.28	4200809.55	12558.20532	0.20575	0.20872	0.04037	0.03905	0.02103	0.02093	1.77E-05	1.24E-06	1.27E-06	3.94E-07	3.80E-07	7.36E-08	7.31E-08	2.1026E-05
608227.41	4200832.35	12560.94524	0.20155	0.20457	0.04268	0.0413	0.02128	0.02117	1.77E-05	1.21E-06	1.25E-06	4.17E-07	4.02E-07	7.45E-08	7.40E-08	2.1023E-05
608241.15	4200786.75	12551.58276	0.20971	0.21261	0.03816	0.03689	0.02077	0.02068	1.77E-05	1.26E-06	1.30E-06	3.73E-07	3.59E-07	7.27E-08	7.23E-08	2.1021E-05
608220.54	4200855.15	12562.01311	0.19718	0.20025	0.04509	0.04364	0.02152	0.0214	1.77E-05	1.19E-06	1.22E-06	4.40E-07	4.24E-07	7.53E-08	7.48E-08	2.1018E-05
608248.02	4200763.95	12543.78203	0.21341	0.21624	0.03603	0.03483	0.02051	0.02042	1.77E-05	1.29E-06	1.32E-06	3.52E-07	3.39E-07	7.18E-08	7.14E-08	2.1014E-05
608254.89	4200741.15	12533.76704	0.21678	0.21953	0.034	0.03287	0.02024	0.02016	1.77E-05	1.31E-06	1.34E-06	3.32E-07	3.20E-07	7.09E-08	7.05E-08	2.1001E-05
608234.28	4200817.15	12538.27385	0.20324	0.20621	0.04108	0.03974	0.02109	0.02098	1.77E-05	1.22E-06	1.26E-06	4.01E-07	3.87E-07	7.38E-08	7.33E-08	2.0981E-05
608227.41	4200839.95	12540.34901	0.19903	0.20205	0.04341	0.04201	0.02134	0.02122	1.77E-05	1.20E-06	1.23E-06	4.24E-07	4.09E-07	7.47E-08	7.42E-08	2.0978E-05
608241.15	4200794.35	12532.43602	0.20724	0.21014	0.03884	0.03756	0.02084	0.02074	1.77E-05	1.25E-06	1.28E-06	3.79E-07	3.65E-07	7.30E-08	7.25E-08	2.0977E-05
608248.02	4200771.55	12525.51336	0.21099	0.21383	0.03669	0.03547	0.02058	0.02048	1.77E-05	1.27E-06	1.30E-06	3.58E-07	3.45E-07	7.21E-08	7.16E-08	2.0971E-05
608220.54	4200862.75	12539.85963	0.19465	0.19771	0.04583	0.04437	0.02158	0.02145	1.77E-05	1.17E-06	1.21E-06	4.48E-07	4.32E-07	7.56E-08	7.50E-08	2.0971E-05
608254.89	4200748.75	12515.5592	0.21443	0.21719	0.03464	0.03349	0.02031	0.02022	1.77E-05	1.29E-06	1.32E-06	3.38E-07	3.26E-07	7.11E-08	7.07E-08	2.0959E-05
608234.28	4200824.75	12517.81046	0.20075	0.20371	0.04178	0.04043	0.02115	0.02103	1.77E-05	1.21E-06	1.24E-06	4.08E-07	3.93E-07	7.41E-08	7.35E-08	2.0935E-05
608241.15	4200801.95	12513.63728	0.20479	0.20769	0.03952	0.03823	0.0209	0.02079	1.77E-05	1.23E-06	1.27E-06	3.86E-07	3.72E-07	7.32E-08	7.27E-08	2.0934E-05
608227.41	4200847.55	12519.62496	0.19653	0.19954	0.04413	0.04272	0.02139	0.02127	1.77E-05	1.18E-06	1.22E-06	4.31E-07	4.15E-07	7.49E-08	7.43E-08	2.0932E-05
608248.02	4200779.15	12506.74281	0.20858	0.21142	0.03736	0.03612	0.02064	0.02054	1.77E-05	1.26E-06	1.29E-06	3.65E-07	3.51E-07	7.23E-08	7.18E-08	2.0928E-05
608220.54	4200870.35	12517.52733	0.19214	0.19519	0.04657	0.0451	0.02162	0.02149	1.77E-05	1.16E-06	1.19E-06	4.55E-07	4.39E-07	7.57E-08	7.51E-08	2.0923E-05
608254.89	4200756.35	12497.58309	0.21209	0.21485	0.03528	0.03411	0.02037	0.02029	1.77E-05	1.28E-06	1.31E-06	3.45E-07	3.32E-07	7.13E-08	7.09E-08	2.0918E-05
608241.15	4200809.55	12494.4122	0.20235	0.20525	0.04021	0.03891	0.02095	0.02085	1.76E-05	1.22E-06	1.25E-06	3.93E-07	3.78E-07	7.34E-08	7.29E-08	2.0891E-05
608234.28	4200832.35	12497.23363	0.19828	0.20124	0.04249	0.04113	0.0212	0.02109	1.77E-05	1.19E-06	1.23E-06	4.15E-07	4.00E-07	7.42E-08	7.37E-08	2.0890E-05
608227.41	4200855.15	12498.444	0.19405	0.19705	0.04486	0.04344	0.02144	0.02132	1.77E-05	1.17E-06	1.20E-06	4.38E-07	4.22E-07	7.51E-08	7.45E-08	2.0886E-05
608248.02	4200786.75	12487.73117	0.20618	0.20902	0.03803	0.03678	0.0207	0.0206	1.76E-05	1.24E-06	1.28E-06	3.71E-07	3.58E-07	7.25E-08	7.20E-08	2.0885E-05
608254.89	4200763.95	12479.6862	0.20975	0.21252	0.03593	0.03474	0.02044	0.02035	1.76E-05	1.26E-06	1.30E-06	3.51E-07	3.38E-07	7.16E-08	7.11E-08	2.0877E-05
608261.76	4200741.15	12469.8813	0.21301	0.2157	0.03392	0.0328	0.02017	0.02009	1.76E-05	1.28E-06	1.32E-06	3.31E-07	3.19E-07	7.06E-08	7.02E-08	2.0863E-05
608241.15	4200817.15	12474.70235	0.19991	0.20281	0.04091	0.03959	0.02101	0.0209	1.76E-05	1.20E-06	1.24E-06	4.00E-07	3.85E-07	7.36E-08	7.30E-08	2.0847E-05
608234.28	4200839.95	12476.57294	0.19583	0.19877	0.04321	0.04183	0.02125	0.02114	1.76E-05	1.18E-06	1.21E-06	4.22E-07	4.07E-07	7.44E-08	7.39E-08	2.0845E-05
608248.02	4200794.35	12468.79082	0.20378	0.20662	0.0387	0.03743	0.02076	0.02066	1.76E-05	1.23E-06	1.26E-06	3.78E-07	3.64E-07	7.27E-08	7.22E-08	2.0842E-05
608227.41	4200862.75	12476.53928	0.19159	0.19457	0.04559	0.04416	0.02149	0.02136	1.76E-05	1.15E-06	1.19E-06	4.45E-07	4.29E-07	7.52E-08	7.46E-08	2.0839E-05
608254.89	4200771.55	12461.72594	0.20741	0.21018	0.03658	0.03538	0.0205	0.02041	1.76E-05	1.25E-06	1.28E-06	3.57E-07	3.44E-07	7.18E-08	7.13E-08	2.0835E-05
608261.76	4200748.75	12451.97364	0.21073	0.21343	0.03455	0.03341	0.02024	0.02016	1.76E-05	1.27E-06	1.30E-06	3.37E-07	3.25E-07	7.09E-08	7.05E-08	2.0822E-05
608241.15	4200824.75	12454.56251	0.19749	0.20039	0.0416	0.04027	0.02107	0.02095	1.76E-05	1.19E-06	1.22E-06	4.06E-07	3.92E-07	7.38E-08	7.32E-08	2.0802E-05
608248.02	4200801.95	12449.91112	0.20139	0.20423	0.03938	0.0381	0.02082	0.02072	1.76E-05	1.21E-06	1.25E-06	3.85E-07	3.71E-07	7.29E-08	7.24E-08	2.0800E-05
608234.28	4200847.55	12455.98792	0.19339	0.19633	0.04392	0.04253	0.02131	0.02119	1.76E-05	1.16E-06	1.20E-06	4.29E-07	4.14E-07	7.46E-08	7.41E-08	2.0800E-05
608254.89	4200779.15	12443.27202	0.20507	0.20784	0.03724	0.03602	0.02057	0.02047	1.76E-05	1.23E-06	1.27E-06	3.64E-07	3.50E-07	7.20E-08	7.15E-08	2.0794E-05
608227.41	4200870.35	12454.45383	0.18914	0.19212	0.04633	0.04488	0.02154	0.02141	1.76E-05	1.14E-06	1.17E-06	4.52E-07	4.36E-07	7.54E-08	7.48E-08	2.0793E-05
608261.76	4200756.35	12433.99433	0.20845	0.21116	0.03518	0.03403	0.0203	0.02022	1.76E-05	1.26E-06	1.29E-06	3.44E-07	3.31E-07	7.11E-08	7.07E-08	2.0782E-05
608241.15	4200832.35	12434.21238	0.19509	0.19798	0.0423	0.04096	0.02112	0.02101	1.76E-05	1.17E-06	1.21E-06	4.13E-07	3.98E-07	7.39E-08	7.34E-08	2.0758E-05
608248.02	4200809.55	12431.0098	0.19902	0.20186	0.04006	0.03877	0.02088	0.02077	1.76E-05	1.20E-06	1.23E-06	3.91E-07	3.77E-07	7.31E-08	7.26E-08	2.0758E-05
608234.28	4200855.15	12435.25676	0.19098	0.19391	0.04464	0.04324	0.02136	0.02123	1.76E-05	1.15E-06	1.18E-06	4.36E-07	4.21E-07	7.48E-08	7.42E-08	2.0755E-05
608254.89	4200786.75	12424.56161	0.20273	0.20551	0.0379	0.03666	0.02063	0.02053	1.76E-05	1.22E-06	1.25E-06	3.70E-07	3.57E-07	7.22E-08	7.17E-08	2.0752E-05
608261.76	4200763.95	12416.0803	0.20618	0.20889	0.03582	0.03465	0.02037	0.02028	1.75E-05	1.24E-06	1.27E-06	3.50E-07	3.37E-07	7.13E-08	7.09E-08	2.0741E-05
608268.63	4200741.15	12406.08854	0.20932	0.21195	0.03384	0.03273	0.0201	0.02002	1.75E-05	1.26E-06	1.29E-06	3.30E-07	3.18E-07	7.04E-08	7.00E-08	2.0727E-05
608248.02	4200817.15	12411.61743	0.19666	0.19949	0.04074	0.03944	0.02093	0.02082	1.75E-05	1.18E-06	1.22E-06	3.98E-07	3.84E-07	7.33E-08	7.28E-08	2.0715E-05
608241.15	4200839.95	12413.68201	0.1927	0.19558	0.04301	0.04165	0.02117	0.02106	1.75E-05	1.16E-06	1.19E-06	4.20E-07	4.05E-07	7.41E-08	7.36E-08	2.0714E-05
608254.89	4200794.35	12405.72822	0.2004	0.20318	0.03856	0.03731	0.02068	0.02058	1.75E-05	1.21E-06	1.24E-06	3.77E-07	3.63E-07	7.24E-08	7.19E-08	2.0710E-05
608234.28	4200862.75	12413.80395	0.18858	0.1915	0.04536	0.04395	0.02141	0.02128	1.75E-05	1.14E-06	1.17E-06	4.43E-07	4.27E-07	7.50E-08	7.44E-08	2.0709E-05
608261.76	4200771.55	12398.42993	0.20391	0.20662	0.03647	0.03528	0.02043	0.02034	1.75E-05	1.23E-06	1.26E-06	3.56E-07	3.43E-07	7.15E-08	7.11E-08	2.0701E-05
608268.63	4200748.75	12388.57515	0.20711	0.20975	0.03446	0.03333	0.02017	0.02009	1.75E-05	1.25E-06	1.28E-06	3.37E-07	3.24E-07	7.06E-08	7.02E-08	2.0687E-05
608248.02	4200824.75	12391.79764	0.1943	0.19714	0.04143	0.04011	0.02099	0.02088	1.75E-05	1.17E-06	1.20E-06	4.05E-07	3.90E-07	7.35E-08	7.30E-08	2.0672E-05
608241.15	4200847.55	12393.13644	0.19033	0.1932	0.04371	0.04234	0.02122	0.0211	1.75E-05	1.15E-06	1.18E-06	4.27E-07	4.12E-07	7.43E-08	7.37E-08	2.0669E-05
608254.89	4200801.95	12386.7669	0.19808	0.20086	0.03923	0.03797	0.02074	0.02064	1.75E-05	1.19E-06	1.23E-06	3.83E-07	3.69E-07	7.26E-08	7.21E-08	2.0668E-05
608234.28	4200870.35	12392.05859	0.18621	0.18912	0.04608	0.04466	0.02145	0.02132	1.75E-05	1.12E-06	1.15E-06	4.50E-07	4.34E-07	7.51E-08	7.45E-08	2.0664E-05
608261.76	4200779.15	12380.28616	0.20163	0.20435	0.03711	0.03591	0.02049	0.0204	1.75E-05	1.21E-06	1.25E-06	3.62E-07	3.49E-07	7.17E-08	7.13E-08	2.0660E-05
608268.63	4200756.35	12370.98087	0.20491	0.20755	0.03508	0.03394	0.02023	0.02015	1.75E-05	1.23E-06	1.27E-06	3.43E-07	3.30E-07	7.08E-08	7.04E-08	2.0647E-05
608275.5	4200733.55	12360.35544	0.20786	0.21043	0.03315	0.03206	0.01997	0.01989	1.75E-05	1.25E-06	1.28E-06	3.24E-07	3.12E-07	6.99E-08	6.95E-08	2.0631E-05
608248.02	4200832.35	12371.67019	0.19196	0.19479	0.04212	0.04079	0.02104	0.02093	1.75E-05	1.16E-06	1.19E-06	4.11E-07	3.97E-07	7.37E-08	7.31E-08	2.0628E-05
608254.89	4200809.55	12368.08697	0.19577	0.19855	0.0399	0.03863	0.0208	0.02069	1.75E-05	1.18E-06	1.21E-06	3.90E-07	3.76E-07	7.28E-08	7.23E-08	2.0626E-05
608241.15	4200855.15	12372.33786	0.18798	0.19084	0.04442	0.04304	0.02127	0.02115	1.75E-05	1.13E-06	1.16E-06	4.34E-07	4.19E-07	7.45E-08	7.39E-08	2.0625E-05
608261.76	4200786.75	12361.87108	0.19937	0.20208	0.03777	0.03655	0.02055	0.02045	1.75E-05	1.20E-06	1.23E-06	3.69E-07	3.55E-07	7.20E-08	7.15E-08	2.0620E-05
608268.63	4200763.95	12353.15753	0.20269	0.20535	0.03572	0.03456	0.0203	0.02021	1.74E-05	1.22E-06	1.25E-06	3.49E-07	3.36E-07	7.11E-08	7.06E-08	2.0608E-05
608275.5	4200741.15	12342.88162	0.20572	0.2083	0.03375	0.03266	0.02003	0.01995	1.74E-05	1.24E-06	1.27E-06	3.30E-07	3.18E-07	7.01E-08	6.97E-08	2.0592E-05
608248.02	4200839.95	12351.47206	0.18964	0.19246	0.04282	0.04147	0.02109	0.02097	1.74E-05	1.14E-06	1.17E-06	4.18E-07	4.03E-07	7.38E-08	7.33E-08	2.0585E-05
608254.89	4200817.15	12349.00699	0.19347	0.19625	0.04058	0.03929	0.02085	0.02075	1.74E-05	1.16E-06	1.20E-06	3.96E-07	3.82E-07	7.30E-08	7.25E-08	2.0584E-05
608241.15	4200862.75	12351.43528	0.18565	0.1885	0.04513	0.04374	0.02132	0.0212	1.74E-05	1.12E-06	1.15E-06	4.41E-07	4.25E-07	7.46E-08	7.41E-08	2.0581E-05
608261.76	4200794.35	12343.24618	0.1971	0.19982	0.03842	0.03719	0.02061	0.02051	1.74E-05	1.19E-06	1.22E-06	3.75E-07	3.62E-07	7.22E-08	7.17E-08	2.0578E-05
608268.63	4200771.55	12335.91047	0.20049	0.20315	0.03635	0.03518	0.02036	0.02027	1.74E-05	1.21E-06	1.24E-06	3.55E-07	3.42E-07	7.13E-08	7.08E-08	2.0569E-05
608275.5	4200748.75	12325.85704	0.20359	0.20617	0.03437	0.03325	0.0201	0.02002	1.74E-05	1.23E-06	1.26E-06	3.36E-07	3.23E-07	7.04E-08	7.00E-08	2.0554E-05
608254.89	4200824.75	12329.60812	0.19119	0.19396	0.04126	0.03996	0.02091	0.0208	1.74E-05	1.15E-06	1.18E-06	4.03E-07	3.89E-07	7.32E-08	7.27E-08	2.0542E-05
608248.02	4200847.55	12330.96079	0.18733	0.19014	0.04351	0.04216	0.02114	0.02102	1.74E-05	1.13E-06	1.16E-06	4.25E-07	4.10E-07	7.40E-08	7.35E-08	2.0541E-05
608261.76	4200801.95	12324.40081	0.19484	0.19756	0.03908	0.03784	0.02067	0.02056	1.74E-05	1.17E-06	1.21E-06	3.82E-07	3.68E-07	7.24E-08	7.18E-08	2.0537E-05
608241.15	4200870.35	12330.03217	0.18334	0.18618	0.04584	0.04444	0.02137	0.02124	1.74E-05	1.10E-06	1.14E-06	4.48E-07	4.32E-07	7.48E-08	7.42E-08	2.0537E-05
608268.63	4200779.15	12317.97139	0.19828	0.20094	0.03699	0.03581	0.02042	0.02032	1.74E-05	1.19E-06	1.23E-06	3.61E-07	3.48E-07	7.15E-08	7.10E-08	2.0529E-05
608275.5	4200756.35	12308.64108	0.20144	0.20403	0.03499	0.03386	0.02016	0.02008	1.74E-05	1.21E-06	1.24E-06	3.42E-07	3.29E-07	7.06E-08	7.02E-08	2.0515E-05
608254.89	4200832.35	12309.69943	0.18891	0.19168	0.04194	0.04062	0.02096	0.02085	1.74E-05	1.14E-06	1.17E-06	4.10E-07	3.95E-07	7.34E-08	7.29E-08	2.0500E-05
608282.37	4200733.55	12298.1314	0.2043	0.20681	0.03307	0.032	0.0199	0.01982	1.74E-05	1.23E-06	1.26E-06	3.23E-07	3.11E-07	6.97E-08	6.93E-08	2.0498E-05
608248.02	4200855.15	12310.29499	0.18504	0.18784	0.04421	0.04284	0.02119	0.02107	1.74E-05	1.11E-06	1.15E-06	4.32E-07	4.17E-07	7.42E-08	7.36E-08	2.0498E-05
608261.76	4200809.55	12305.73374	0.1926	0.19531	0.03975	0.03849	0.02072	0.02062	1.74E-05	1.16E-06	1.19E-06	3.88E-07	3.74E-07	7.25E-08	7.21E-08	2.0496E-05
608268.63	4200786.75	12299.75122	0.19608	0.19874	0.03764	0.03644	0.02048	0.02038	1.74E-05	1.18E-06	1.21E-06	3.68E-07	3.54E-07	7.17E-08	7.12E-08	2.0489E-05
608275.5	4200763.95	12291.10736	0.1993	0.20189	0.03561	0.03447	0.02023	0.02014	1.74E-05	1.20E-06	1.23E-06	3.48E-07	3.35E-07	7.08E-08	7.04E-08	2.0477E-05
608282.37	4200741.15	12280.75221	0.20222	0.20474	0.03367	0.03258	0.01997	0.01988	1.73E-05	1.22E-06	1.25E-06	3.29E-07	3.17E-07	6.99E-08	6.95E-08	2.0460E-05
608254.89	4200839.95	12289.73459	0.18665	0.18941	0.04262	0.0413	0.02101	0.02089	1.74E-05	1.12E-06	1.16E-06	4.16E-07	4.02E-07	7.36E-08	7.30E-08	2.0457E-05
608261.76	4200817.15	12286.8616	0.19036	0.19307	0.04041	0.03914	0.02078	0.02067	1.74E-05	1.15E-06	1.18E-06	3.95E-07	3.81E-07	7.28E-08	7.22E-08	2.0455E-05
608248.02	4200862.75	12289.42751	0.18277	0.18556	0.04491	0.04353	0.02124	0.02111	1.74E-05	1.10E-06	1.13E-06	4.39E-07	4.23E-07	7.44E-08	7.38E-08	2.0454E-05
608268.63	4200794.35	12281.33092	0.19388	0.19654	0.03828	0.03707	0.02054	0.02043	1.73E-05	1.17E-06	1.20E-06	3.74E-07	3.61E-07	7.19E-08	7.14E-08	2.0449E-05
608275.5	4200771.55	12273.76436	0.19715	0.19975	0.03624	0.03508	0.02029	0.02019	1.73E-05	1.19E-06	1.22E-06	3.54E-07	3.41E-07	7.10E-08	7.06E-08	2.0438E-05
608282.37	4200748.75	12263.81916	0.20014	0.20267	0.03428	0.03318	0.02003	0.01995	1.73E-05	1.21E-06	1.24E-06	3.35E-07	3.23E-07	7.01E-08	6.97E-08	2.0422E-05
608254.89	4200847.55	12269.55399	0.1844	0.18715	0.04331	0.04197	0.02106	0.02094	1.73E-05	1.11E-06	1.14E-06	4.23E-07	4.08E-07	7.37E-08	7.32E-08	2.0415E-05
608261.76	4200824.75	12267.88016	0.18814	0.19085	0.04108	0.0398	0.02083	0.02072	1.73E-05	1.13E-06	1.16E-06	4.01E-07	3.87E-07	7.29E-08	7.24E-08	2.0415E-05
608248.02	4200870.35	12268.4655	0.18052	0.1833	0.0456	0.04422	0.02128	0.02116	1.73E-05	1.09E-06	1.12E-06	4.45E-07	4.30E-07	7.45E-08	7.39E-08	2.0411E-05
608268.63	4200801.95	12262.80516	0.19168	0.19434	0.03893	0.03771	0.02059	0.02049	1.73E-05	1.15E-06	1.19E-06	3.80E-07	3.67E-07	7.21E-08	7.16E-08	2.0409E-05
608275.5	4200779.15	12256.12775	0.19501	0.19761	0.03687	0.0357	0.02035	0.02025	1.73E-05	1.17E-06	1.21E-06	3.60E-07	3.47E-07	7.13E-08	7.08E-08	2.0400E-05
608282.37	4200756.35	12246.77832	0.19806	0.2006	0.03489	0.03377	0.02009	0.02001	1.73E-05	1.19E-06	1.22E-06	3.41E-07	3.28E-07	7.03E-08	6.99E-08	2.0385E-05
608261.76	4200832.35	12248.29302	0.18593	0.18863	0.04175	0.04046	0.02088	0.02077	1.73E-05	1.12E-06	1.15E-06	4.08E-07	3.94E-07	7.31E-08	7.26E-08	2.0373E-05
608254.89	4200855.15	12248.91594	0.18217	0.18491	0.04399	0.04265	0.02111	0.02099	1.73E-05	1.10E-06	1.13E-06	4.30E-07	4.15E-07	7.39E-08	7.34E-08	2.0372E-05
608268.63	4200809.55	12244.04661	0.1895	0.19215	0.03959	0.03835	0.02065	0.02054	1.73E-05	1.14E-06	1.17E-06	3.87E-07	3.73E-07	7.23E-08	7.18E-08	2.0368E-05
608289.24	4200733.55	12236.66709	0.20082	0.20328	0.03299	0.03193	0.01984	0.01976	1.73E-05	1.21E-06	1.24E-06	3.22E-07	3.11E-07	6.95E-08	6.91E-08	2.0367E-05
608275.5	4200786.75	12238.19804	0.19287	0.19547	0.03751	0.03632	0.0204	0.02031	1.73E-05	1.16E-06	1.19E-06	3.66E-07	3.53E-07	7.14E-08	7.10E-08	2.0361E-05
608282.37	4200763.95	12229.43147	0.19598	0.19852	0.0355	0.03437	0.02015	0.02006	1.73E-05	1.18E-06	1.21E-06	3.47E-07	3.34E-07	7.06E-08	7.01E-08	2.0347E-05
608261.76	4200839.95	12228.55802	0.18373	0.18642	0.04243	0.04112	0.02093	0.02081	1.73E-05	1.11E-06	1.14E-06	4.14E-07	4.00E-07	7.33E-08	7.27E-08	2.0331E-05
608289.24	4200741.15	12219.3862	0.1988	0.20127	0.03359	0.03251	0.0199	0.01982	1.73E-05	1.20E-06	1.23E-06	3.28E-07	3.16E-07	6.97E-08	6.93E-08	2.0330E-05
608254.89	4200862.75	12228.08139	0.17996	0.18269	0.04468	0.04333	0.02115	0.02103	1.73E-05	1.08E-06	1.11E-06	4.36E-07	4.21E-07	7.41E-08	7.35E-08	2.0329E-05
608268.63	4200817.15	12225.38039	0.18732	0.18998	0.04025	0.03899	0.0207	0.02059	1.73E-05	1.13E-06	1.16E-06	3.93E-07	3.79E-07	7.25E-08	7.20E-08	2.0328E-05
608275.5	4200794.35	12219.98071	0.19073	0.19333	0.03814	0.03695	0.02046	0.02036	1.73E-05	1.15E-06	1.18E-06	3.72E-07	3.59E-07	7.16E-08	7.12E-08	2.0321E-05
608282.37	4200771.55	12211.99223	0.19389	0.19644	0.03612	0.03498	0.02021	0.02012	1.73E-05	1.17E-06	1.20E-06	3.53E-07	3.40E-07	7.08E-08	7.03E-08	2.0309E-05
608289.24	4200748.75	12202.34979	0.19678	0.19926	0.03419	0.0331	0.01996	0.01988	1.72E-05	1.18E-06	1.22E-06	3.34E-07	3.22E-07	6.99E-08	6.95E-08	2.0293E-05
608261.76	4200847.55	12208.60864	0.18154	0.18423	0.0431	0.04179	0.02098	0.02086	1.72E-05	1.09E-06	1.12E-06	4.21E-07	4.06E-07	7.35E-08	7.29E-08	2.0290E-05
608268.63	4200824.75	12206.8093	0.18516	0.18781	0.04091	0.03964	0.02075	0.02064	1.72E-05	1.11E-06	1.15E-06	4.00E-07	3.86E-07	7.27E-08	7.21E-08	2.0289E-05
608254.89	4200870.35	12207.35032	0.17777	0.18049	0.04537	0.04401	0.0212	0.02107	1.72E-05	1.07E-06	1.10E-06	4.43E-07	4.28E-07	7.42E-08	7.36E-08	2.0286E-05
608275.5	4200801.95	12201.66452	0.1886	0.1912	0.03879	0.03758	0.02052	0.02041	1.72E-05	1.14E-06	1.17E-06	3.79E-07	3.65E-07	7.18E-08	7.13E-08	2.0282E-05
608282.37	4200779.15	12194.65292	0.19181	0.19436	0.03675	0.03559	0.02027	0.02018	1.72E-05	1.15E-06	1.19E-06	3.59E-07	3.46E-07	7.10E-08	7.05E-08	2.0271E-05
608289.24	4200756.35	12185.28621	0.19476	0.19724	0.03479	0.03369	0.02002	0.01994	1.72E-05	1.17E-06	1.20E-06	3.40E-07	3.28E-07	7.01E-08	6.97E-08	2.0256E-05
608268.63	4200832.35	12187.44034	0.18301	0.18565	0.04157	0.04029	0.0208	0.02069	1.72E-05	1.10E-06	1.13E-06	4.06E-07	3.92E-07	7.28E-08	7.23E-08	2.0248E-05
608261.76	4200855.15	12188.29894	0.17937	0.18205	0.04378	0.04245	0.02103	0.0209	1.72E-05	1.08E-06	1.11E-06	4.28E-07	4.13E-07	7.36E-08	7.30E-08	2.0248E-05
608275.5	4200809.55	12183.21506	0.18647	0.18907	0.03943	0.03821	0.02057	0.02046	1.72E-05	1.12E-06	1.15E-06	3.85E-07	3.72E-07	7.20E-08	7.15E-08	2.0243E-05
608296.11	4200733.55	12175.56459	0.19743	0.19983	0.03292	0.03187	0.01977	0.01969	1.72E-05	1.19E-06	1.22E-06	3.21E-07	3.10E-07	6.92E-08	6.88E-08	2.0238E-05
608282.37	4200786.75	12177.10656	0.18973	0.19228	0.03738	0.03621	0.02033	0.02023	1.72E-05	1.14E-06	1.17E-06	3.65E-07	3.52E-07	7.12E-08	7.07E-08	2.0234E-05
608289.24	4200763.95	12168.32413	0.19274	0.19523	0.0354	0.03428	0.02008	0.01999	1.72E-05	1.16E-06	1.19E-06	3.46E-07	3.33E-07	7.03E-08	6.99E-08	2.0219E-05
608268.63	4200839.95	12167.92841	0.18087	0.1835	0.04224	0.04095	0.02085	0.02073	1.72E-05	1.09E-06	1.12E-06	4.13E-07	3.98E-07	7.30E-08	7.24E-08	2.0207E-05
608261.76	4200862.75	12167.49237	0.17721	0.17988	0.04446	0.04312	0.02107	0.02095	1.72E-05	1.07E-06	1.10E-06	4.34E-07	4.19E-07	7.38E-08	7.32E-08	2.0205E-05
608275.5	4200817.15	12164.65244	0.18435	0.18695	0.04008	0.03885	0.02062	0.02051	1.72E-05	1.11E-06	1.14E-06	3.91E-07	3.78E-07	7.22E-08	7.17E-08	2.0203E-05
608296.11	4200741.15	12158.67324	0.19547	0.19789	0.0335	0.03244	0.01983	0.01975	1.72E-05	1.18E-06	1.21E-06	3.27E-07	3.16E-07	6.94E-08	6.90E-08	2.0202E-05
608282.37	4200794.35	12159.28966	0.18766	0.1902	0.03801	0.03682	0.02039	0.02029	1.72E-05	1.13E-06	1.16E-06	3.71E-07	3.58E-07	7.14E-08	7.09E-08	2.0195E-05
608289.24	4200771.55	12151.08159	0.19071	0.1932	0.03601	0.03488	0.02014	0.02005	1.72E-05	1.15E-06	1.18E-06	3.52E-07	3.39E-07	7.05E-08	7.01E-08	2.0182E-05
608268.63	4200847.55	12148.20731	0.17874	0.18137	0.0429	0.0416	0.0209	0.02078	1.72E-05	1.08E-06	1.11E-06	4.19E-07	4.05E-07	7.32E-08	7.26E-08	2.0166E-05
608296.11	4200748.75	12141.62548	0.19351	0.19593	0.03409	0.03302	0.01989	0.01981	1.72E-05	1.17E-06	1.20E-06	3.33E-07	3.21E-07	6.96E-08	6.92E-08	2.0165E-05
608275.5	4200824.75	12146.09277	0.18225	0.18484	0.04073	0.03949	0.02067	0.02056	1.72E-05	1.10E-06	1.13E-06	3.98E-07	3.84E-07	7.24E-08	7.18E-08	2.0164E-05
608261.76	4200870.35	12146.79206	0.17507	0.17773	0.04514	0.0438	0.02112	0.02099	1.72E-05	1.05E-06	1.08E-06	4.41E-07	4.26E-07	7.39E-08	7.34E-08	2.0163E-05
608282.37	4200801.95	12141.17739	0.18558	0.18813	0.03864	0.03745	0.02044	0.02034	1.72E-05	1.12E-06	1.15E-06	3.77E-07	3.64E-07	7.16E-08	7.11E-08	2.0157E-05
608289.24	4200779.15	12133.73807	0.18869	0.19118	0.03662	0.03548	0.0202	0.02011	1.71E-05	1.14E-06	1.17E-06	3.58E-07	3.45E-07	7.07E-08	7.03E-08	2.0145E-05
608296.11	4200756.35	12124.63475	0.19154	0.19397	0.03469	0.0336	0.01995	0.01987	1.71E-05	1.15E-06	1.18E-06	3.39E-07	3.27E-07	6.99E-08	6.94E-08	2.0129E-05
608268.63	4200855.15	12128.12093	0.17662	0.17924	0.04357	0.04226	0.02095	0.02082	1.71E-05	1.06E-06	1.09E-06	4.25E-07	4.11E-07	7.34E-08	7.28E-08	2.0125E-05
608275.5	4200832.35	12127.04198	0.18016	0.18274	0.04139	0.04013	0.02072	0.02061	1.71E-05	1.08E-06	1.11E-06	4.04E-07	3.90E-07	7.25E-08	7.20E-08	2.0124E-05
608282.37	4200809.55	12122.83253	0.18351	0.18605	0.03928	0.03807	0.02049	0.02039	1.71E-05	1.10E-06	1.13E-06	3.84E-07	3.70E-07	7.17E-08	7.13E-08	2.0118E-05
608302.98	4200733.55	12114.72796	0.19411	0.19647	0.03284	0.0318	0.0197	0.01962	1.71E-05	1.17E-06	1.20E-06	3.21E-07	3.09E-07	6.90E-08	6.86E-08	2.0110E-05
608289.24	4200786.75	12116.27741	0.18666	0.18916	0.03724	0.03609	0.02026	0.02016	1.71E-05	1.12E-06	1.15E-06	3.64E-07	3.51E-07	7.09E-08	7.05E-08	2.0108E-05
608296.11	4200763.95	12107.56844	0.18957	0.19201	0.03529	0.03419	0.02001	0.01992	1.71E-05	1.14E-06	1.17E-06	3.45E-07	3.33E-07	7.01E-08	6.96E-08	2.0093E-05
608275.5	4200839.95	12107.8476	0.17807	0.18065	0.04204	0.04078	0.02077	0.02066	1.71E-05	1.07E-06	1.10E-06	4.11E-07	3.97E-07	7.27E-08	7.22E-08	2.0085E-05
608268.63	4200862.75	12107.64281	0.17452	0.17713	0.04424	0.04292	0.02099	0.02086	1.71E-05	1.05E-06	1.08E-06	4.32E-07	4.17E-07	7.35E-08	7.29E-08	2.0084E-05
608282.37	4200817.15	12104.3731	0.18145	0.18399	0.03992	0.0387	0.02055	0.02044	1.71E-05	1.09E-06	1.12E-06	3.90E-07	3.76E-07	7.20E-08	7.14E-08	2.0079E-05
608302.98	4200741.15	12098.31023	0.19221	0.19458	0.03342	0.03237	0.01977	0.01968	1.71E-05	1.16E-06	1.19E-06	3.26E-07	3.15E-07	6.92E-08	6.88E-08	2.0075E-05
608289.24	4200794.35	12098.95131	0.18465	0.18714	0.03787	0.0367	0.02031	0.02021	1.71E-05	1.11E-06	1.14E-06	3.70E-07	3.57E-07	7.11E-08	7.06E-08	2.0071E-05
608296.11	4200771.55	12090.71711	0.18761	0.19004	0.0359	0.03478	0.02007	0.01998	1.71E-05	1.13E-06	1.16E-06	3.51E-07	3.38E-07	7.03E-08	6.98E-08	2.0057E-05
608275.5	4200847.55	12088.34778	0.176	0.17857	0.0427	0.04142	0.02082	0.0207	1.71E-05	1.06E-06	1.09E-06	4.17E-07	4.03E-07	7.29E-08	7.23E-08	2.0045E-05
608268.63	4200870.35	12086.97573	0.17244	0.17504	0.04491	0.04358	0.02103	0.02091	1.71E-05	1.04E-06	1.07E-06	4.39E-07	4.24E-07	7.36E-08	7.31E-08	2.0042E-05
608282.37	4200824.75	12085.62391	0.1794	0.18194	0.04056	0.03933	0.0206	0.02048	1.71E-05	1.08E-06	1.11E-06	3.96E-07	3.83E-07	7.21E-08	7.16E-08	2.0041E-05
608302.98	4200748.75	12081.73932	0.19031	0.19268	0.034	0.03294	0.01983	0.01974	1.71E-05	1.15E-06	1.18E-06	3.32E-07	3.20E-07	6.94E-08	6.90E-08	2.0040E-05

608289.24	4200801.95	12081.04247	0.18263	0.18512	0.03849	0.03732	0.02037	0.02026	1.71E-05	1.10E-06	1.13E-06	3.76E-07	3.63E-07	7.13E-08	7.08E-08	2.0033E-05
608296.11	4200779.15	12073.46546	0.18564	0.18807	0.0365	0.03538	0.02013	0.02003	1.71E-05	1.12E-06	1.15E-06	3.56E-07	3.44E-07	7.05E-08	7.00E-08	2.0020E-05
608275.5	4200855.15	12068.47734	0.17394	0.1765	0.04336	0.04207	0.02086	0.02074	1.70E-05	1.05E-06	1.08E-06	4.23E-07	4.09E-07	7.30E-08	7.25E-08	2.0004E-05
608302.98	4200756.35	12064.72457	0.1884	0.19078	0.03459	0.03351	0.01989	0.0198	1.70E-05	1.13E-06	1.16E-06	3.38E-07	3.26E-07	6.96E-08	6.92E-08	2.0004E-05
608282.37	4200832.35	12067.18286	0.17736	0.1799	0.04121	0.03997	0.02065	0.02053	1.70E-05	1.07E-06	1.10E-06	4.02E-07	3.89E-07	7.23E-08	7.17E-08	2.0002E-05
608289.24	4200809.55	12063.08765	0.18062	0.18311	0.03912	0.03793	0.02042	0.02031	1.70E-05	1.09E-06	1.12E-06	3.83E-07	3.69E-07	7.15E-08	7.10E-08	1.9999E-05
608296.11	4200786.75	12056.09044	0.18367	0.18611	0.03712	0.03598	0.02018	0.02009	1.70E-05	1.11E-06	1.14E-06	3.63E-07	3.50E-07	7.07E-08	7.02E-08	1.9984E-05
608302.98	4200763.95	12047.55334	0.18648	0.18886	0.03518	0.03409	0.01994	0.01985	1.70E-05	1.12E-06	1.15E-06	3.44E-07	3.32E-07	6.98E-08	6.94E-08	1.9968E-05
608275.5	4200862.75	12048.2215	0.17189	0.17444	0.04402	0.04272	0.02091	0.02078	1.70E-05	1.04E-06	1.06E-06	4.30E-07	4.15E-07	7.32E-08	7.26E-08	1.9963E-05
608282.37	4200839.95	12048.30599	0.17534	0.17786	0.04185	0.0406	0.02069	0.02058	1.70E-05	1.06E-06	1.08E-06	4.09E-07	3.95E-07	7.24E-08	7.19E-08	1.9963E-05
608289.24	4200817.15	12044.63139	0.17861	0.1811	0.03975	0.03855	0.02047	0.02036	1.70E-05	1.08E-06	1.10E-06	3.88E-07	3.75E-07	7.17E-08	7.12E-08	1.9957E-05
608296.11	4200794.35	12038.8617	0.18171	0.18415	0.03773	0.03658	0.02024	0.02014	1.70E-05	1.09E-06	1.12E-06	3.68E-07	3.56E-07	7.09E-08	7.04E-08	1.9947E-05
608302.98	4200771.55	12030.89431	0.18457	0.18696	0.03578	0.03468	0.02	0.01991	1.70E-05	1.11E-06	1.14E-06	3.49E-07	3.37E-07	7.00E-08	6.96E-08	1.9933E-05
608282.37	4200847.55	12029.02223	0.17332	0.17583	0.0425	0.04124	0.02074	0.02062	1.70E-05	1.04E-06	1.07E-06	4.15E-07	4.01E-07	7.26E-08	7.21E-08	1.9924E-05
608275.5	4200870.35	12027.79092	0.16986	0.1724	0.04468	0.04338	0.02095	0.02082	1.70E-05	1.02E-06	1.05E-06	4.36E-07	4.22E-07	7.34E-08	7.28E-08	1.9923E-05
608289.24	4200824.75	12025.98937	0.17661	0.1791	0.04039	0.03918	0.02052	0.02041	1.70E-05	1.06E-06	1.09E-06	3.94E-07	3.81E-07	7.18E-08	7.13E-08	1.9919E-05
608296.11	4200801.95	12021.25042	0.17974	0.18218	0.03835	0.03719	0.02029	0.02019	1.70E-05	1.08E-06	1.11E-06	3.75E-07	3.62E-07	7.10E-08	7.06E-08	1.9911E-05
608302.98	4200779.15	12013.92473	0.18266	0.18504	0.03638	0.03527	0.02006	0.01996	1.70E-05	1.10E-06	1.13E-06	3.55E-07	3.43E-07	7.02E-08	6.98E-08	1.9897E-05
608282.37	4200855.15	12009.36918	0.17131	0.17382	0.04315	0.04188	0.02078	0.02066	1.70E-05	1.03E-06	1.06E-06	4.21E-07	4.07E-07	7.28E-08	7.22E-08	1.9885E-05
608289.24	4200832.35	12007.86035	0.17463	0.17711	0.04103	0.03981	0.02057	0.02045	1.70E-05	1.05E-06	1.08E-06	4.01E-07	3.87E-07	7.20E-08	7.15E-08	1.9882E-05
608296.11	4200809.55	12003.58258	0.17779	0.18022	0.03897	0.0378	0.02034	0.02024	1.70E-05	1.07E-06	1.10E-06	3.81E-07	3.68E-07	7.12E-08	7.07E-08	1.9874E-05
608302.98	4200786.75	11996.63805	0.18074	0.18313	0.03699	0.03586	0.02011	0.02001	1.69E-05	1.09E-06	1.12E-06	3.61E-07	3.49E-07	7.04E-08	6.99E-08	1.9862E-05
608282.37	4200862.75	11989.33677	0.16932	0.17181	0.0438	0.04253	0.02083	0.0207	1.69E-05	1.02E-06	1.05E-06	4.28E-07	4.14E-07	7.29E-08	7.23E-08	1.9845E-05
608289.24	4200839.95	11989.29294	0.17266	0.17513	0.04166	0.04043	0.02061	0.0205	1.69E-05	1.04E-06	1.07E-06	4.07E-07	3.93E-07	7.22E-08	7.16E-08	1.9844E-05
608296.11	4200817.15	11985.52246	0.17584	0.17827	0.03959	0.03841	0.02039	0.02028	1.69E-05	1.06E-06	1.09E-06	3.87E-07	3.74E-07	7.14E-08	7.09E-08	1.9837E-05
608302.98	4200794.35	11979.3091	0.17883	0.18122	0.03759	0.03646	0.02017	0.02006	1.69E-05	1.08E-06	1.11E-06	3.67E-07	3.55E-07	7.06E-08	7.01E-08	1.9826E-05
608289.24	4200847.55	11970.32099	0.17069	0.17316	0.0423	0.04106	0.02066	0.02054	1.69E-05	1.03E-06	1.06E-06	4.13E-07	3.99E-07	7.23E-08	7.18E-08	1.9805E-05
608282.37	4200870.35	11969.13362	0.16734	0.16982	0.04445	0.04317	0.02087	0.02074	1.69E-05	1.01E-06	1.04E-06	4.34E-07	4.20E-07	7.31E-08	7.25E-08	1.9805E-05
608296.11	4200824.75	11967.08077	0.17389	0.17632	0.04022	0.03902	0.02044	0.02033	1.69E-05	1.05E-06	1.08E-06	3.93E-07	3.79E-07	7.16E-08	7.10E-08	1.9799E-05
608302.98	4200801.95	11961.79405	0.17692	0.17931	0.0382	0.03706	0.02022	0.02011	1.69E-05	1.07E-06	1.09E-06	3.73E-07	3.60E-07	7.08E-08	7.03E-08	1.9790E-05
608289.24	4200855.15	11950.78364	0.16874	0.17119	0.04294	0.0417	0.0207	0.02058	1.69E-05	1.02E-06	1.04E-06	4.19E-07	4.06E-07	7.25E-08	7.19E-08	1.9767E-05
608296.11	4200832.35	11948.96693	0.17196	0.17439	0.04085	0.03964	0.02049	0.02038	1.69E-05	1.04E-06	1.06E-06	3.99E-07	3.86E-07	7.17E-08	7.12E-08	1.9762E-05
608302.98	4200809.55	11944.50713	0.17502	0.1774	0.03882	0.03766	0.02027	0.02016	1.69E-05	1.05E-06	1.08E-06	3.79E-07	3.66E-07	7.10E-08	7.05E-08	1.9754E-05
608289.24	4200862.75	11930.97844	0.16679	0.16924	0.04359	0.04233	0.02075	0.02062	1.69E-05	1.00E-06	1.03E-06	4.26E-07	4.12E-07	7.27E-08	7.21E-08	1.9727E-05
608296.11	4200839.95	11930.70254	0.17004	0.17246	0.04148	0.04026	0.02054	0.02042	1.69E-05	1.02E-06	1.05E-06	4.05E-07	3.92E-07	7.19E-08	7.14E-08	1.9726E-05
608302.98	4200817.15	11926.84152	0.17312	0.1755	0.03943	0.03826	0.02032	0.02021	1.68E-05	1.04E-06	1.07E-06	3.85E-07	3.72E-07	7.11E-08	7.06E-08	1.9718E-05
608296.11	4200847.55	11912.03519	0.16813	0.17054	0.04211	0.04089	0.02058	0.02046	1.68E-05	1.01E-06	1.04E-06	4.11E-07	3.98E-07	7.21E-08	7.15E-08	1.9688E-05
608289.24	4200870.35	11910.99949	0.16487	0.1673	0.04423	0.04296	0.02079	0.02066	1.68E-05	9.93E-07	1.02E-06	4.32E-07	4.18E-07	7.28E-08	7.22E-08	1.9688E-05
608302.98	4200824.75	11908.79536	0.17123	0.17361	0.04005	0.03887	0.02037	0.02025	1.68E-05	1.03E-06	1.06E-06	3.91E-07	3.78E-07	7.13E-08	7.08E-08	1.9681E-05
608296.11	4200855.15	11892.8081	0.16622	0.16862	0.04274	0.04151	0.02062	0.0205	1.68E-05	1.00E-06	1.03E-06	4.17E-07	4.04E-07	7.22E-08	7.16E-08	1.9650E-05
608302.98	4200832.35	11890.49953	0.16935	0.17172	0.04067	0.03948	0.02041	0.0203	1.68E-05	1.02E-06	1.05E-06	3.97E-07	3.84E-07	7.15E-08	7.09E-08	1.9645E-05
608296.11	4200862.75	11873.23195	0.16433	0.16672	0.04337	0.04213	0.02067	0.02054	1.68E-05	9.89E-07	1.02E-06	4.24E-07	4.10E-07	7.24E-08	7.18E-08	1.9612E-05
608302.98	4200839.95	11872.43583	0.16747	0.16984	0.04129	0.04009	0.02046	0.02034	1.68E-05	1.01E-06	1.04E-06	4.03E-07	3.90E-07	7.16E-08	7.11E-08	1.9608E-05
608296.11	4200870.35	11853.47764	0.16245	0.16483	0.04401	0.04276	0.02071	0.02058	1.67E-05	9.78E-07	1.01E-06	4.30E-07	4.16E-07	7.25E-08	7.19E-08	1.9573E-05
608302.98	4200847.55	11854.06693	0.16561	0.16797	0.04191	0.04071	0.0205	0.02038	1.67E-05	9.97E-07	1.02E-06	4.09E-07	3.96E-07	7.18E-08	7.12E-08	1.9572E-05
608302.98	4200855.15	11835.2465	0.16376	0.16611	0.04254	0.04132	0.02054	0.02042	1.67E-05	9.86E-07	1.01E-06	4.15E-07	4.02E-07	7.19E-08	7.14E-08	1.9535E-05
608302.98	4200862.75	11815.8934	0.16191	0.16425	0.04316	0.04194	0.02059	0.02046	1.67E-05	9.75E-07	1.00E-06	4.21E-07	4.08E-07	7.21E-08	7.15E-08	1.9497E-05
608302.98	4200870.35	11796.3607	0.16008	0.16241	0.04378	0.04256	0.02063	0.0205	1.67E-05	9.64E-07	9.91E-07	4.28E-07	4.14E-07	7.22E-08	7.16E-08	1.9459E-05

Ranch EIR Residential Project Construction Parameters

Phase 3

Construction Annual Total PM2.5 (Total PM2.5) **Mitigated Concentrations**

Annual Average Onsite DPM Rate (grams/m2/sec):	5.63E-09
Annual Average Offsite DPM Emission Rate - Road 1 (grams/sec):	2.51E-04
Annual Average Offsite DPM Emission Rate - Road 2 (grams/sec):	2.54E-04
Annual Average Offsite DPM Emission Rate - Road 3 (grams/sec):	4.07E-04
Annual Average Offsite DPM Emission Rate - Road 4 (grams/sec):	4.06E-04
Annual Average Offsite DPM Emission Rate - Road 5 (grams/sec):	1.46E-04
Annual Average Offsite DPM Emission Rate - Road 6 (grams/sec):	1.46E-04

X	Y	Onsite Phase 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 1 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 4 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 5 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 6 Unit Emissions VALUES AVERAGED AVERAGE CONC	Onsite Phase 3 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 1 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 2 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 3 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 4 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 5 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 6 Annual PM2.5 Total w/Actual Emissions (ug/m3)	**Total DPM (ug/m3)**
606771.32	4200808.57	155511.5541	0.08488	0.08498	0.04666	0.04498	0.03495	0.03568	8.75E-04	2.13E-05	2.16E-05	1.90E-05	1.82E-05	5.10E-06	5.20E-06	9.5505E-04
606787.8	4200808.22	144532.8459	0.08645	0.08689	0.04598	0.04418	0.03523	0.03594	8.13E-04	2.17E-05	2.21E-05	1.87E-05	1.79E-05	5.14E-06	5.24E-06	8.9357E-04
606807.8	4200808.22	129919.5236	0.09263	0.09273	0.04694	0.04487	0.0354	0.03608	7.31E-04	2.33E-05	2.36E-05	1.91E-05	1.82E-05	5.17E-06	5.26E-06	8.1507E-04
606827.8	4200808.22	117918.5764	0.09855	0.09846	0.04723	0.04515	0.03554	0.0362	6.63E-04	2.48E-05	2.51E-05	1.92E-05	1.83E-05	5.19E-06	5.28E-06	7.5073E-04
606847.8	4200808.22	107817.4147	0.10527	0.10493	0.04756	0.04536	0.03565	0.03629	6.07E-04	2.64E-05	2.67E-05	1.94E-05	1.84E-05	5.21E-06	5.29E-06	6.9746E-04
606867.8	4200808.22	99211.71167	0.11284	0.11219	0.04773	0.04526	0.03573	0.03634	5.58E-04	2.83E-05	2.85E-05	1.94E-05	1.84E-05	5.22E-06	5.30E-06	6.5282E-04
606887.8	4200808.22	91866.24705	0.12011	0.1193	0.04774	0.04539	0.0358	0.03637	5.17E-04	3.02E-05	3.04E-05	1.94E-05	1.84E-05	5.23E-06	5.30E-06	6.1519E-04
606907.8	4200808.22	85466.45737	0.12864	0.12706	0.04822	0.04576	0.03583	0.03638	4.81E-04	3.23E-05	3.23E-05	1.96E-05	1.86E-05	5.23E-06	5.30E-06	5.8365E-04
606927.8	4200808.22	79890.25681	0.13855	0.13642	0.04848	0.04592	0.03585	0.03638	4.49E-04	3.48E-05	3.47E-05	1.97E-05	1.86E-05	5.24E-06	5.30E-06	5.5732E-04
606947.8	4200808.22	74967.92316	0.14935	0.14655	0.04867	0.04599	0.03586	0.03636	4.22E-04	3.75E-05	3.73E-05	1.98E-05	1.87E-05	5.24E-06	5.30E-06	5.3502E-04
606767.8	4200828.22	155309.5667	0.07943	0.08004	0.04887	0.04722	0.03696	0.0377	8.74E-04	1.99E-05	2.04E-05	1.99E-05	1.92E-05	5.40E-06	5.49E-06	9.5310E-04
606787.8	4200828.22	140336.6	0.08291	0.08356	0.04949	0.04763	0.03723	0.03795	7.89E-04	2.08E-05	2.13E-05	2.02E-05	1.93E-05	5.44E-06	5.53E-06	8.7105E-04
606807.8	4200828.22	126036.0946	0.08872	0.08925	0.05015	0.04814	0.03734	0.03803	7.09E-04	2.23E-05	2.27E-05	2.04E-05	1.95E-05	5.45E-06	5.54E-06	7.9398E-04
606827.8	4200828.22	114396.0238	0.09503	0.0954	0.05072	0.0484	0.03742	0.03808	6.44E-04	2.39E-05	2.43E-05	2.07E-05	1.96E-05	5.46E-06	5.55E-06	7.3199E-04
606847.8	4200828.22	104780.2993	0.10165	0.10182	0.05108	0.04874	0.0375	0.03812	5.89E-04	2.55E-05	2.59E-05	2.08E-05	1.98E-05	5.48E-06	5.56E-06	6.8147E-04
606867.8	4200828.22	96634.10726	0.10898	0.10885	0.05159	0.04908	0.03755	0.03815	5.44E-04	2.74E-05	2.77E-05	2.10E-05	1.99E-05	5.48E-06	5.56E-06	6.3962E-04
606887.8	4200828.22	89601.82619	0.11633	0.11618	0.05164	0.04914	0.03757	0.03814	5.04E-04	2.92E-05	2.96E-05	2.10E-05	1.99E-05	5.49E-06	5.56E-06	6.0381E-04
606907.8	4200828.22	83469.99993	0.12471	0.12391	0.05224	0.0496	0.03757	0.03811	4.70E-04	3.13E-05	3.15E-05	2.13E-05	2.01E-05	5.49E-06	5.55E-06	5.7382E-04
606927.8	4200828.22	78101.12581	0.13491	0.13348	0.05275	0.04996	0.03755	0.03806	4.39E-04	3.39E-05	3.40E-05	2.15E-05	2.03E-05	5.48E-06	5.55E-06	5.4897E-04
606947.8	4200828.22	73360.72938	0.14597	0.14392	0.05313	0.05019	0.03751	0.038	4.13E-04	3.67E-05	3.66E-05	2.16E-05	2.04E-05	5.48E-06	5.54E-06	5.2798E-04
606967.8	4200828.22	69128.02533	0.15835	0.1555	0.05344	0.05035	0.03745	0.03792	3.89E-04	3.98E-05	3.96E-05	2.18E-05	2.04E-05	5.47E-06	5.53E-06	5.1042E-04
606987.8	4200828.22	65328.63306	0.1721	0.16843	0.05365	0.05042	0.03738	0.03781	3.68E-04	4.32E-05	4.29E-05	2.19E-05	2.05E-05	5.46E-06	5.51E-06	4.9590E-04
606747.8	4200848.22	161980.7128	0.07322	0.07409	0.05153	0.05004	0.03871	0.03948	9.11E-04	1.84E-05	1.89E-05	2.10E-05	2.03E-05	5.65E-06	5.75E-06	9.8978E-04
606767.8	4200848.22	147197.3767	0.07637	0.0772	0.05195	0.05034	0.03902	0.03976	8.28E-04	1.92E-05	1.96E-05	2.12E-05	2.04E-05	5.70E-06	5.80E-06	9.0849E-04
606787.8	4200848.22	133908.0436	0.07951	0.08048	0.05277	0.05093	0.03926	0.03998	7.53E-04	2.00E-05	2.05E-05	2.15E-05	2.07E-05	5.73E-06	5.83E-06	8.3592E-04
606807.8	4200848.22	120945.0068	0.08497	0.08588	0.05356	0.05147	0.03933	0.04002	6.80E-04	2.13E-05	2.18E-05	2.18E-05	2.09E-05	5.74E-06	5.83E-06	7.6628E-04
606827.8	4200848.22	110265.7756	0.09086	0.09168	0.05414	0.05168	0.03939	0.04004	6.20E-04	2.28E-05	2.33E-05	2.21E-05	2.10E-05	5.75E-06	5.84E-06	7.0948E-04
606847.8	4200848.22	101293.5131	0.09686	0.09802	0.05473	0.05214	0.03942	0.04004	5.70E-04	2.43E-05	2.49E-05	2.23E-05	2.12E-05	5.76E-06	5.84E-06	6.6255E-04
606867.8	4200848.22	93645.49235	0.10405	0.105	0.05544	0.05268	0.03942	0.04001	5.27E-04	2.61E-05	2.67E-05	2.26E-05	2.14E-05	5.76E-06	5.83E-06	6.2362E-04
606887.8	4200848.22	87017.45345	0.11154	0.11218	0.05584	0.05323	0.0394	0.03996	4.90E-04	2.80E-05	2.85E-05	2.27E-05	2.16E-05	5.75E-06	5.82E-06	5.9042E-04
606907.8	4200848.22	81223.29463	0.12016	0.12015	0.05661	0.05383	0.03936	0.03989	4.57E-04	3.02E-05	3.06E-05	2.31E-05	2.18E-05	5.75E-06	5.81E-06	5.6258E-04
606927.8	4200848.22	76116.92934	0.13044	0.12983	0.05739	0.05442	0.03929	0.03979	4.28E-04	3.28E-05	3.30E-05	2.34E-05	2.21E-05	5.74E-06	5.80E-06	5.3945E-04
606947.8	4200848.22	71589.55421	0.1417	0.14051	0.05805	0.05487	0.03921	0.03968	4.03E-04	3.56E-05	3.57E-05	2.36E-05	2.23E-05	5.73E-06	5.78E-06	5.1998E-04
606967.8	4200848.22	67542.69697	0.15423	0.1523	0.05861	0.05523	0.03911	0.03955	3.80E-04	3.87E-05	3.87E-05	2.39E-05	2.24E-05	5.71E-06	5.76E-06	5.0373E-04
606987.8	4200848.22	63902.86705	0.16822	0.16553	0.05905	0.05548	0.03899	0.0394	3.59E-04	4.22E-05	4.21E-05	2.41E-05	2.25E-05	5.69E-06	5.74E-06	4.9042E-04
607107.8	4200848.22	47948.54902	0.30118	0.28705	0.05941	0.0552	0.03792	0.03819	2.70E-04	7.56E-05	7.30E-05	2.42E-05	2.24E-05	5.54E-06	5.57E-06	4.6501E-04
607127.8	4200848.22	45981.50889	0.33611	0.31796	0.05919	0.05502	0.03769	0.03795	2.59E-04	8.44E-05	8.09E-05	2.41E-05	2.23E-05	5.50E-06	5.53E-06	4.7041E-04
607147.8	4200848.22	44152.93426	0.37708	0.35414	0.05906	0.05496	0.03745	0.03769	2.48E-04	9.47E-05	9.01E-05	2.41E-05	2.23E-05	5.47E-06	5.49E-06	4.7954E-04
607167.8	4200848.22	42453.86219	0.42527	0.39626	0.05896	0.05493	0.03721	0.03742	2.39E-04	1.07E-04	1.01E-04	2.40E-05	2.23E-05	5.43E-06	5.45E-06	4.9275E-04
607187.8	4200848.22	40866.82242	0.48374	0.44686	0.05904	0.0551	0.03695	0.03714	2.30E-04	1.21E-04	1.14E-04	2.40E-05	2.24E-05	5.40E-06	5.41E-06	5.1148E-04
607207.8	4200848.22	39381.27565	0.55629	0.50873	0.05937	0.0555	0.03668	0.03685	2.22E-04	1.40E-04	1.29E-04	2.42E-05	2.25E-05	5.36E-06	5.37E-06	5.3738E-04
607227.8	4200848.22	37993.42726	0.64634	0.58449	0.0597	0.05577	0.0364	0.03656	2.14E-04	1.62E-04	1.49E-04	2.43E-05	2.26E-05	5.32E-06	5.33E-06	5.7171E-04
606747.8	4200868.22	151565.5533	0.06964	0.07075	0.05426	0.05284	0.04093	0.0417	8.53E-04	1.75E-05	1.80E-05	2.21E-05	2.14E-05	5.98E-06	6.08E-06	9.3169E-04
606767.8	4200868.22	139104.5775	0.07232	0.07347	0.05474	0.0532	0.04122	0.04196	7.83E-04	1.82E-05	1.87E-05	2.23E-05	2.16E-05	6.02E-06	6.12E-06	8.6329E-04
606787.8	4200868.22	126866.2019	0.07499	0.07653	0.05533	0.05361	0.04138	0.04209	7.14E-04	1.88E-05	1.95E-05	2.25E-05	2.17E-05	6.04E-06	6.13E-06	7.9630E-04
606807.8	4200868.22	115396.975	0.08024	0.08198	0.05663	0.05445	0.04142	0.04209	6.49E-04	2.02E-05	2.09E-05	2.31E-05	2.21E-05	6.05E-06	6.13E-06	7.3535E-04
606827.8	4200868.22	105751.2079	0.08613	0.0876	0.0578	0.05523	0.04143	0.04207	5.95E-04	2.16E-05	2.23E-05	2.35E-05	2.24E-05	6.05E-06	6.13E-06	6.8479E-04
606847.8	4200868.22	97514.3627	0.09216	0.09377	0.05865	0.05603	0.04141	0.04201	5.49E-04	2.31E-05	2.39E-05	2.39E-05	2.27E-05	6.05E-06	6.12E-06	6.4221E-04
606867.8	4200868.22	90422.1408	0.09897	0.10064	0.05926	0.0568	0.04136	0.04194	5.09E-04	2.49E-05	2.56E-05	2.41E-05	2.30E-05	6.04E-06	6.11E-06	6.0633E-04
606887.8	4200868.22	84242.24064	0.10635	0.10759	0.06025	0.05759	0.04129	0.04184	4.74E-04	2.67E-05	2.74E-05	2.45E-05	2.34E-05	6.03E-06	6.10E-06	5.7591E-04
606907.8	4200868.22	78809.36958	0.11494	0.1156	0.0613	0.05841	0.0412	0.04171	4.43E-04	2.89E-05	2.94E-05	2.50E-05	2.37E-05	6.02E-06	6.08E-06	5.5030E-04
606927.8	4200868.22	73997.35032	0.1252	0.12524	0.06236	0.05926	0.04109	0.04157	4.16E-04	3.14E-05	3.19E-05	2.54E-05	2.40E-05	6.00E-06	6.06E-06	5.2903E-04
606947.8	4200868.22	69706.90848	0.13646	0.1362	0.06338	0.06002	0.04095	0.0414	3.92E-04	3.43E-05	3.47E-05	2.58E-05	2.43E-05	5.98E-06	6.03E-06	5.1124E-04
607047.8	4200868.22	53764.24621	0.21797	0.21262	0.06661	0.06198	0.04002	0.04034	3.02E-04	5.47E-05	5.41E-05	2.71E-05	2.51E-05	5.84E-06	5.88E-06	4.6357E-04
607067.8	4200868.22	51356.04765	0.24166	0.23438	0.06683	0.06201	0.03979	0.04008	2.89E-04	6.07E-05	5.96E-05	2.72E-05	2.52E-05	5.81E-06	5.84E-06	4.6161E-04
607087.8	4200868.22	49135.90153	0.2691	0.25943	0.06693	0.06197	0.03954	0.03981	2.76E-04	6.76E-05	6.60E-05	2.73E-05	2.51E-05	5.77E-06	5.80E-06	4.6241E-04
607107.8	4200868.22	47085.71378	0.30081	0.28785	0.06688	0.06184	0.03928	0.03953	2.65E-04	7.55E-05	7.32E-05	2.72E-05	2.51E-05	5.74E-06	5.76E-06	4.6600E-04
607127.8	4200868.22	45185.63022	0.33783	0.3207	0.06674	0.06168	0.03901	0.03924	2.54E-04	8.48E-05	8.16E-05	2.72E-05	2.50E-05	5.70E-06	5.72E-06	4.7284E-04
607147.8	4200868.22	43418.73887	0.38147	0.35914	0.06656	0.06154	0.03873	0.03893	2.44E-04	9.58E-05	9.14E-05	2.71E-05	2.50E-05	5.66E-06	5.67E-06	4.8351E-04
607167.8	4200868.22	41772.40418	0.4335	0.40452	0.06643	0.06147	0.03844	0.03862	2.35E-04	1.09E-04	1.03E-04	2.71E-05	2.49E-05	5.61E-06	5.63E-06	4.9878E-04
607187.8	4200868.22	40234.12324	0.49695	0.45919	0.06644	0.06158	0.03814	0.0383	2.26E-04	1.25E-04	1.17E-04	2.71E-05	2.50E-05	5.57E-06	5.58E-06	5.2002E-04
607207.8	4200868.22	38795.57671	0.57552	0.52578	0.06658	0.06182	0.03783	0.03797	2.18E-04	1.45E-04	1.34E-04	2.71E-05	2.51E-05	5.52E-06	5.53E-06	5.4876E-04
607227.8	4200868.22	37445.71006	0.67607	0.6095	0.06699	0.06226	0.03751	0.03764	2.11E-04	1.70E-04	1.55E-04	2.73E-05	2.53E-05	5.48E-06	5.49E-06	5.8806E-04
606755.19	4200886.81	139503.3263	0.06602	0.06742	0.05665	0.05528	0.04331	0.04406	7.85E-04	1.66E-05	1.72E-05	2.31E-05	2.24E-05	6.32E-06	6.42E-06	8.6404E-04
606767.8	4200888.22	131414.7725	0.06711	0.06848	0.05733	0.05583	0.04357	0.0443	7.39E-04	1.69E-05	1.74E-05	2.34E-05	2.26E-05	6.36E-06	6.46E-06	8.1958E-04
606787.8	4200888.22	119786.8771	0.07067	0.07233	0.05854	0.05691	0.0436	0.04429	6.74E-04	1.77E-05	1.84E-05	2.38E-05	2.31E-05	6.37E-06	6.46E-06	7.5697E-04
606807.8	4200888.22	109714.0964	0.07569	0.07783	0.06005	0.05796	0.04358	0.04424	6.17E-04	1.90E-05	1.98E-05	2.45E-05	2.35E-05	6.36E-06	6.45E-06	7.0400E-04
606827.8	4200888.22	101069.4191	0.08123	0.08322	0.06151	0.059	0.04354	0.04416	5.69E-04	2.04E-05	2.12E-05	2.51E-05	2.39E-05	6.36E-06	6.44E-06	6.5915E-04
606847.8	4200888.22	93599.39802	0.08718	0.08918	0.06278	0.06005	0.04346	0.04405	5.27E-04	2.19E-05	2.27E-05	2.56E-05	2.44E-05	6.35E-06	6.42E-06	6.2108E-04
606867.8	4200888.22	87090.17293	0.09361	0.09578	0.06386	0.06111	0.04336	0.04392	4.90E-04	2.35E-05	2.44E-05	2.60E-05	2.48E-05	6.33E-06	6.40E-06	5.8862E-04
606887.8	4200888.22	81364.95425	0.1007	0.10229	0.06484	0.06219	0.04324	0.04376	4.58E-04	2.53E-05	2.60E-05	2.64E-05	2.52E-05	6.31E-06	6.38E-06	5.6069E-04
606907.8	4200888.22	76308.93177	0.10915	0.11042	0.06619	0.06329	0.04309	0.04358	4.29E-04	2.74E-05	2.81E-05	2.70E-05	2.57E-05	6.29E-06	6.35E-06	5.3743E-04
606927.8	4200888.22	71794.77961	0.11931	0.12036	0.06767	0.0645	0.04292	0.04338	4.04E-04	3.00E-05	3.06E-05	2.76E-05	2.62E-05	6.27E-06	6.32E-06	5.1821E-04
607027.8	4200888.22	55112.02175	0.19098	0.18881	0.07377	0.06888	0.04181	0.04212	3.10E-04	4.80E-05	4.80E-05	3.00E-05	2.79E-05	6.11E-06	6.14E-06	4.6403E-04
607047.8	4200888.22	52601.51627	0.21223	0.20856	0.07461	0.06939	0.04153	0.04182	2.96E-04	5.33E-05	5.31E-05	3.04E-05	2.81E-05	6.06E-06	6.10E-06	4.6082E-04
607067.8	4200888.22	50294.57352	0.23655	0.23104	0.07523	0.06969	0.04125	0.04152	2.83E-04	5.94E-05	5.88E-05	3.06E-05	2.83E-05	6.02E-06	6.05E-06	4.6004E-04
607087.8	4200888.22	48164.20164	0.2649	0.25705	0.07566	0.06985	0.04096	0.0412	2.71E-04	6.65E-05	6.54E-05	3.08E-05	2.83E-05	5.98E-06	6.01E-06	4.6204E-04
607107.8	4200888.22	46192.0796	0.29804	0.28688	0.07591	0.06989	0.04065	0.04087	2.60E-04	7.49E-05	7.30E-05	3.09E-05	2.84E-05	5.94E-06	5.96E-06	4.6697E-04
607127.8	4200888.22	44361.21669	0.33707	0.32161	0.07597	0.06983	0.04033	0.04053	2.50E-04	8.47E-05	8.18E-05	3.09E-05	2.83E-05	5.89E-06	5.91E-06	4.7531E-04
607147.8	4200888.22	42658.77204	0.3831	0.36223	0.07584	0.06965	0.04001	0.04018	2.40E-04	9.62E-05	9.22E-05	3.09E-05	2.83E-05	5.84E-06	5.86E-06	4.8750E-04
607167.8	4200888.22	41068.73739	0.43871	0.41068	0.07569	0.06952	0.03967	0.03982	2.31E-04	1.10E-04	1.04E-04	3.08E-05	2.82E-05	5.79E-06	5.80E-06	5.0474E-04
607187.8	4200888.22	39579.78787	0.50735	0.4697	0.07567	0.06959	0.03932	0.03946	2.23E-04	1.27E-04	1.20E-04	3.08E-05	2.82E-05	5.74E-06	5.75E-06	5.2864E-04
607207.8	4200888.22	38187.00897	0.59291	0.54203	0.07572	0.06975	0.03897	0.03909	2.15E-04	1.49E-04	1.38E-04	3.08E-05	2.83E-05	5.69E-06	5.70E-06	5.6078E-04
607227.8	4200888.22	36878.31642	0.70387	0.63389	0.07606	0.07018	0.03861	0.03871	2.07E-04	1.77E-04	1.61E-04	3.10E-05	2.85E-05	5.64E-06	5.64E-06	6.0496E-04
606747.8	4200908.22	134603.2777	0.05892	0.06042	0.05886	0.0576	0.04597	0.04673	7.57E-04	1.48E-05	1.54E-05	2.40E-05	2.34E-05	6.71E-06	6.81E-06	8.3475E-04
606767.8	4200908.22	122942.0617	0.06256	0.06412	0.06025	0.05888	0.04595	0.04667	6.92E-04	1.57E-05	1.63E-05	2.45E-05	2.39E-05	6.71E-06	6.80E-06	7.7209E-04
606787.8	4200908.22	113012.0834	0.06692	0.06874	0.06234	0.06078	0.04592	0.0466	6.36E-04	1.68E-05	1.75E-05	2.54E-05	2.47E-05	6.71E-06	6.79E-06	7.2011E-04
606807.8	4200908.22	104125.49	0.07155	0.07344	0.06387	0.06206	0.04583	0.04647	5.86E-04	1.80E-05	1.87E-05	2.60E-05	2.52E-05	6.69E-06	6.77E-06	6.7362E-04
606827.8	4200908.22	96417.00644	0.07664	0.07859	0.06533	0.06328	0.04571	0.04632	5.42E-04	1.92E-05	2.00E-05	2.66E-05	2.57E-05	6.68E-06	6.75E-06	6.3394E-04
606847.8	4200908.22	89690.01611	0.08221	0.08423	0.06696	0.06466	0.04558	0.04615	5.05E-04	2.06E-05	2.14E-05	2.73E-05	2.62E-05	6.66E-06	6.73E-06	6.0015E-04
606867.8	4200908.22	83736.67259	0.08774	0.09048	0.06784	0.06552	0.04541	0.04595	4.71E-04	2.20E-05	2.30E-05	2.76E-05	2.66E-05	6.63E-06	6.70E-06	5.7034E-04
606887.8	4200908.22	78472.95344	0.09477	0.09678	0.06949	0.06694	0.04523	0.04572	4.41E-04	2.38E-05	2.46E-05	2.83E-05	2.72E-05	6.61E-06	6.66E-06	5.4535E-04
606987.8	4200908.22	59254.59468	0.14892	0.14994	0.07875	0.07441	0.044	0.04433	3.33E-04	3.74E-05	3.81E-05	3.21E-05	3.02E-05	6.43E-06	6.46E-06	4.7116E-04
607007.8	4200908.22	56415.86017	0.16468	0.1652	0.08051	0.07571	0.0437	0.04401	3.17E-04	4.14E-05	4.20E-05	3.28E-05	3.07E-05	6.38E-06	6.41E-06	4.6427E-04
607027.8	4200908.22	53814.73602	0.18295	0.18252	0.08213	0.07684	0.04339	0.04367	3.03E-04	4.59E-05	4.64E-05	3.35E-05	3.12E-05	6.34E-06	6.37E-06	4.5975E-04
607047.8	4200908.22	51420.21204	0.20424	0.20255	0.08362	0.07784	0.04306	0.04332	2.89E-04	5.13E-05	5.15E-05	3.41E-05	3.16E-05	6.29E-06	6.31E-06	4.5774E-04
607067.8	4200908.22	49212.83328	0.22896	0.22565	0.08489	0.07863	0.04273	0.04296	2.77E-04	5.75E-05	5.74E-05	3.46E-05	3.19E-05	6.24E-06	6.26E-06	4.5824E-04
607087.8	4200908.22	47172.60656	0.25791	0.25243	0.08591	0.0792	0.04238	0.04259	2.65E-04	6.48E-05	6.42E-05	3.50E-05	3.21E-05	6.19E-06	6.21E-06	4.6150E-04
607107.8	4200908.22	45280.91717	0.29206	0.28339	0.08668	0.07957	0.04202	0.04221	2.55E-04	7.33E-05	7.21E-05	3.53E-05	3.23E-05	6.14E-06	6.15E-06	4.6777E-04
607127.8	4200908.22	43520.50753	0.3327	0.31981	0.08718	0.07976	0.04165	0.04182	2.45E-04	8.36E-05	8.14E-05	3.55E-05	3.24E-05	6.08E-06	6.10E-06	4.7762E-04
607147.8	4200908.22	41878.9375	0.38148	0.36298	0.08743	0.07979	0.04128	0.04142	2.36E-04	9.58E-05	9.24E-05	3.56E-05	3.24E-05	6.03E-06	6.04E-06	4.9173E-04
607167.8	4200908.22	40346.7841	0.44044	0.41444	0.08742	0.07968	0.0409	0.04102	2.27E-04	1.11E-04	1.05E-04	3.56E-05	3.23E-05	5.97E-06	5.98E-06	5.1097E-04
607187.8	4200908.22	38909.9351	0.51382	0.47755	0.08741	0.07967	0.04051	0.04061	2.19E-04	1.29E-04	1.22E-04	3.56E-05	3.23E-05	5.92E-06	5.92E-06	5.3736E-04
607207.8	4200908.22	37561.53982	0.60707	0.55633	0.08749	0.07985	0.04011	0.04019	2.11E-04	1.52E-04	1.42E-04	3.56E-05	3.24E-05	5.86E-06	5.86E-06	5.7334E-04
607227.8	4200908.22	36295.75233	0.72831	0.65653	0.08768	0.08017	0.03971	0.03978	2.04E-04	1.83E-04	1.67E-04	3.57E-05	3.25E-05	5.80E-06	5.80E-06	6.2237E-04
606687.8	4200928.22	159227.1761	0.04639	0.04837	0.05691	0.05611	0.04858	0.04946	8.96E-04	1.17E-05	1.23E-05	2.32E-05	2.28E-05	7.09E-06	7.21E-06	9.6566E-04
606707.8	4200928.22	147056.2062	0.04942	0.05107	0.05904	0.05799	0.0486	0.04943	8.27E-04	1.24E-05	1.30E-05	2.40E-05	2.35E-05	7.10E-06	7.20E-06	9.0027E-04
606727.8	4200928.22	135261.3771	0.05227	0.05401	0.06034	0.05925	0.04856	0.04935	7.61E-04	1.31E-05	1.37E-05	2.46E-05	2.40E-05	7.09E-06	7.19E-06	8.3642E-04
606747.8	4200928.22	124610.1828	0.05537	0.0572	0.06217	0.06101	0.04851	0.04925	7.01E-04	1.39E-05	1.46E-05	2.53E-05	2.47E-05	7.08E-06	7.18E-06	7.7955E-04
606767.8	4200928.22	114924.0422	0.05884	0.06077	0.06382	0.06243	0.04841	0.04911	6.47E-04	1.48E-05	1.55E-05	2.60E-05	2.53E-05	7.07E-06	7.16E-06	7.2809E-04
606787.8	4200928.22	106385.1501	0.06247	0.0645	0.06546	0.06404	0.0483	0.04896	5.98E-04	1.57E-05	1.64E-05	2.67E-05	2.60E-05	7.05E-06	7.14E-06	6.8323E-04
606807.8	4200928.22	98727.22171	0.06664	0.06879	0.0672	0.06563	0.04815	0.04876	5.55E-04	1.67E-05	1.75E-05	2.74E-05	2.66E-05	7.03E-06	7.11E-06	6.4364E-04
606827.8	4200928.22	91891.34258	0.07146	0.07371	0.06907	0.06731	0.04796	0.04854	5.17E-04	1.79E-05	1.88E-05	2.81E-05	2.73E-05	7.00E-06	7.07E-06	6.0909E-04
606847.8	4200928.22	85847.44401	0.0767	0.07906	0.07097	0.06892	0.04775	0.04829	4.83E-04	1.93E-05	2.01E-05	2.89E-05	2.80E-05	6.97E-06	7.04E-06	5.7919E-04
606867.8	4200928.22	80447.12825	0.08202	0.08505	0.07266	0.07	0.04752	0.04802	4.53E-04	2.06E-05	2.16E-05	2.96E-05	2.84E-05	6.94E-06	7.00E-06	5.5280E-04
606967.8	4200928.22	60610.18407	0.12694	0.12938	0.08363	0.07977	0.04605	0.04639	3.41E-04	3.19E-05	3.29E-05	3.41E-05	3.24E-05	6.72E-06	6.76E-06	4.7219E-04
606987.8	4200928.22	57669.71504	0.14022	0.1425	0.0862	0.08185	0.04571	0.04601	3.24E-04	3.52E-05	3.63E-05	3.51E-05	3.32E-05	6.68E-06	6.71E-06	4.6422E-04
607007.8	4200928.22	54984.67402	0.15533	0.15736	0.08871	0.08378	0.04535	0.04563	3.09E-04	3.90E-05	4.00E-05	3.61E-05	3.40E-05	6.62E-06	6.65E-06	4.5849E-04
607027.8	4200928.22	52511.69683	0.17324	0.17461	0.09119	0.08565	0.04498	0.04523	2.95E-04	4.35E-05	4.44E-05	3.71E-05	3.47E-05	6.57E-06	6.59E-06	4.5523E-04
607047.8	4200928.22	50233.25552	0.19407	0.19455	0.09355	0.08735	0.0446	0.04482	2.83E-04	4.87E-05	4.95E-05	3.81E-05	3.54E-05	6.51E-06	6.53E-06	4.5437E-04
607067.8	4200928.22	48124.3867	0.21873	0.21794	0.09579	0.0889	0.04421	0.0444	2.71E-04	5.49E-05	5.54E-05	3.90E-05	3.61E-05	6.46E-06	6.47E-06	4.5619E-04
607087.8	4200928.22	46173.04044	0.2478	0.2452	0.09774	0.09016	0.04381	0.04398	2.60E-04	6.22E-05	6.24E-05	3.98E-05	3.66E-05	6.40E-06	6.41E-06	4.6076E-04
607107.8	4200928.22	44359.44539	0.28252	0.27706	0.09942	0.09118	0.04339	0.04354	2.50E-04	7.10E-05	7.05E-05	4.05E-05	3.70E-05	6.34E-06	6.35E-06	4.6848E-04
607127.8	4200928.22	42669.19879	0.32431	0.31487	0.10077	0.09191	0.04298	0.0431	2.40E-04	8.14E-05	8.01E-05	4.10E-05	3.73E-05	6.28E-06	6.28E-06	4.7993E-04
607147.8	4200928.22	41089.89119	0.37519	0.36022	0.10177	0.0924	0.04255	0.04266	2.31E-04	9.42E-05	9.16E-05	4.15E-05	3.75E-05	6.21E-06	6.22E-06	4.9597E-04
607167.8	4200928.22	39613.05854	0.4375	0.41485	0.10236	0.09262	0.04212	0.0422	2.23E-04	1.10E-04	1.06E-04	4.17E-05	3.76E-05	6.15E-06	6.15E-06	5.1754E-04
607187.8	4200928.22	38229.1611	0.51522	0.48181	0.10259	0.09264	0.04168	0.04175	2.15E-04	1.29E-04	1.23E-04	4.18E-05	3.76E-05	6.09E-06	6.09E-06	5.4641E-04
607207.8	4200928.22	36926.83376	0.61553	0.56661	0.10278	0.09282	0.04124	0.04129	2.08E-04	1.55E-04	1.44E-04	4.19E-05	3.77E-05	6.02E-06	6.02E-06	5.8600E-04
607227.8	4200928.22	35703.41322	0.74722	0.67535	0.1029	0.09304	0.04079	0.04083	2.01E-04	1.88E-04	1.72E-04	4.19E-05	3.77E-05	5.96E-06	5.95E-06	6.4000E-04
606667.8	4200948.22	151245.625	0.04148	0.04302	0.05802	0.05727	0.05146	0.05238	8.51E-04	1.04E-05	1.09E-05	2.36E-05	2.32E-05	7.51E-06	7.63E-06	9.1909E-04
606687.8	4200948.22	142119.5581	0.04373	0.04531	0.05946	0.05861	0.05142	0.05228	8.00E-04	1.10E-05	1.15E-05	2.42E-05	2.38E-05	7.51E-06	7.62E-06	8.7003E-04
606707.8	4200948.22	132933.3807	0.04608	0.04781	0.06128	0.06034	0.05135	0.05217	7.48E-04	1.16E-05	1.22E-05	2.50E-05	2.45E-05	7.50E-06	7.60E-06	8.2102E-04
606727.8	4200948.22	123981.0335	0.04856	0.05041	0.06296	0.06205	0.05126	0.05202	6.97E-04	1.22E-05	1.28E-05	2.56E-05	2.52E-05	7.49E-06	7.58E-06	7.7332E-04
606747.8	4200948.22	115422.9165	0.05134	0.05331	0.06472	0.0637	0.05113	0.05184	6.49E-04	1.29E-05	1.36E-05	2.64E-05	2.58E-05	7.47E-06	7.56E-06	7.2799E-04
606767.8	4200948.22	107434.859	0.0545	0.05659	0.06657	0.06544	0.05095	0.05162	6.04E-04	1.37E-05	1.44E-05	2.71E-05	2.65E-05	7.44E-06	7.52E-06	6.8614E-04
606787.8	4200948.22	100145.3696	0.05797	0.06019	0.06849	0.06723	0.05075	0.05138	5.63E-04	1.46E-05	1.53E-05	2.79E-05	2.73E-05	7.41E-06	7.49E-06	6.4843E-04
606807.8	4200948.22	93535.25375	0.0618	0.06416	0.07049	0.06909	0.05052	0.05111	5.26E-04	1.55E-05	1.63E-05	2.87E-05	2.80E-05	7.38E-06	7.45E-06	6.1478E-04
606827.8	4200948.22	87533.8536	0.06621	0.06871	0.07264	0.07107	0.05026	0.0508	4.92E-04	1.66E-05	1.75E-05	2.96E-05	2.88E-05	7.34E-06	7.40E-06	5.8497E-04
606927.8	4200948.22	65202.68078	0.09806	0.10117	0.08425	0.08145	0.04862	0.04898	3.67E-04	2.46E-05	2.57E-05	3.43E-05	3.30E-05	7.10E-06	7.14E-06	4.8453E-04
606947.8	4200948.22	61897.40284	0.10739	0.1106	0.08726	0.08408	0.04824	0.04857	3.48E-04	2.70E-05	2.81E-05	3.55E-05	3.41E-05	7.04E-06	7.08E-06	4.7297E-04
606967.8	4200948.22	58876.06964	0.11808	0.12146	0.09045	0.0868	0.04785	0.04814	3.31E-04	2.97E-05	3.09E-05	3.68E-05	3.52E-05	6.99E-06	7.02E-06	4.6383E-04
606987.8	4200948.22	56108.93689	0.13046	0.13388	0.09376	0.08957	0.04744	0.0477	3.16E-04	3.28E-05	3.41E-05	3.82E-05	3.63E-05	6.93E-06	6.95E-06	4.5700E-04
607007.8	4200948.22	53566.7996	0.14482	0.14827	0.09719	0.09235	0.04702	0.04725	3.01E-04	3.64E-05	3.77E-05	3.96E-05	3.75E-05	6.87E-06	6.89E-06	4.5249E-04
607027.8	4200948.22	51220.81566	0.16186	0.165	0.10069	0.09512	0.04658	0.04679	2.88E-04	4.07E-05	4.20E-05	4.10E-05	3.86E-05	6.80E-06	6.82E-06	4.5038E-04
607047.8	4200948.22	49051.20988	0.18196	0.18465	0.10421	0.09784	0.04614	0.04632	2.76E-04	4.57E-05	4.70E-05	4.24E-05	3.97E-05	6.74E-06	6.75E-06	4.5076E-04
607067.8	4200948.22	47041.46268	0.20581	0.2077	0.10768	0.10041	0.04569	0.04584	2.65E-04	5.17E-05	5.28E-05	4.39E-05	4.07E-05	6.67E-06	6.68E-06	4.5376E-04
607087.8	4200948.22	45175.6697	0.23438	0.23501	0.111	0.10275	0.04523	0.04536	2.54E-04	5.89E-05	5.98E-05	4.52E-05	4.17E-05	6.61E-06	6.61E-06	4.5969E-04
607107.8	4200948.22	43438.1357	0.26897	0.26733	0.11413	0.10486	0.04476	0.04487	2.44E-04	6.76E-05	6.80E-05	4.65E-05	4.25E-05	6.54E-06	6.54E-06	4.6896E-04
607127.8	4200948.22	41814.59033	0.31133	0.30628	0.11699	0.10669	0.04429	0.04438	2.35E-04	7.82E-05	7.79E-05	4.77E-05	4.33E-05	6.47E-06	6.47E-06	4.8228E-04
607147.8	4200948.22	40299.981	0.36295	0.35286	0.11928	0.10799	0.04381	0.04388	2.27E-04	9.12E-05	8.98E-05	4.86E-05	4.38E-05	6.40E-06	6.40E-06	5.0003E-04
607167.8	4200948.22	38876.51595	0.42803	0.41048	0.1212	0.10906	0.04333	0.04338	2.19E-04	1.07E-04	1.04E-04	4.94E-05	4.42E-05	6.33E-06	6.32E-06	5.2425E-04
607187.8	4200948.22	37541.88456	0.51022	0.48166	0.12246	0.10966	0.04284	0.04287	2.11E-04	1.28E-04	1.23E-04	4.99E-05	4.45E-05	6.26E-06	6.25E-06	5.5625E-04
607207.8	4200948.22	36287.12956	0.61665	0.57174	0.12315	0.10997	0.04235	0.04236	2.04E-04	1.55E-04	1.45E-04	5.02E-05	4.46E-05	6.18E-06	6.17E-06	5.9924E-04
607227.8	4200948.22	35105.92126	0.75859	0.68877	0.12343	0.11016	0.04186	0.04186	1.97E-04	1.91E-04	1.75E-04	5.03E-05	4.47E-05	6.11E-06	6.10E-06	6.5821E-04
606547.8	4200968.22	156804.578	0.02991	0.03085	0.05035	0.0501	0.05428	0.05553	8.82E-04	7.51E-06	7.85E-06	2.05E-05	2.03E-05	7.93E-06	8.09E-06	9.3833E-04
606567.8	4200968.22	155101.7297	0.03113	0.03214	0.05163	0.05136	0.05443	0.05562	8.73E-04	7.82E-06	8.18E-06	2.10E-05	2.08E-05	7.95E-06	8.11E-06	9.3041E-04
606587.8	4200968.22	152778.972	0.03253	0.03359	0.05298	0.05268	0.05453	0.05565	8.59E-04	8.17E-06	8.55E-06	2.16E-05	2.14E-05	7.96E-06	8.11E-06	9.1915E-04
606607.8	4200968.22	149858.7241	0.03386	0.03499	0.05441	0.05408	0.05458	0.05565	8.43E-04	8.50E-06	8.90E-06	2.22E-05	2.19E-05	7.97E-06	8.11E-06	9.0457E-04
606627.8	4200968.22	145699.6861	0.0356	0.03686	0.05591	0.05553	0.05457	0.05558	8.20E-04	8.94E-06	9.38E-06	2.28E-05	2.25E-05	7.97E-06	8.10E-06	8.8328E-04
606647.8	4200968.22	140672.2008	0.03714	0.03842	0.05748	0.05706	0.05454	0.05549	7.91E-04	9.33E-06	9.77E-06	2.34E-05	2.31E-05	7.96E-06	8.09E-06	8.5704E-04
606667.8	4200968.22	134921.4978	0.03864	0.0402	0.05982	0.05912	0.05449	0.05538	7.59E-04	9.70E-06	1.02E-05	2.44E-05	2.40E-05	7.96E-06	8.07E-06	8.2731E-04
606687.8	4200968.22	128285.7739	0.04048	0.04215	0.06153	0.06093	0.05439	0.05523	7.22E-04	1.02E-05	1.07E-05	2.51E-05	2.47E-05	7.94E-06	8.05E-06	7.9237E-04
606707.8	4200968.22	121197.0313	0.04258	0.04437	0.06332	0.06265	0.05423	0.05502	6.82E-04	1.07E-05	1.13E-05	2.58E-05	2.54E-05	7.92E-06	8.02E-06	7.5501E-04
606727.8	4200968.22	114082.1298	0.04485	0.04676	0.06518	0.06442	0.05405	0.05478	6.42E-04	1.13E-05	1.19E-05	2.65E-05	2.61E-05	7.89E-06	7.98E-06	7.1763E-04
606747.8	4200968.22	107100.0885	0.04746	0.0495	0.06715	0.0663	0.05382	0.0545	6.03E-04	1.19E-05	1.26E-05	2.74E-05	2.69E-05	7.86E-06	7.94E-06	6.8127E-04
606767.8	4200968.22	100484.7513	0.05033	0.05251	0.06922	0.06826	0.05356	0.05419	5.65E-04	1.26E-05	1.34E-05	2.82E-05	2.77E-05	7.82E-06	7.90E-06	6.4718E-04
606787.8	4200968.22	94304.8691	0.05353	0.05586	0.0714	0.07032	0.05327	0.05386	5.31E-04	1.34E-05	1.42E-05	2.91E-05	2.85E-05	7.78E-06	7.85E-06	6.1579E-04
606907.8	4200968.22	66446.89112	0.08304	0.08624	0.08637	0.08421	0.05101	0.05136	3.74E-04	2.09E-05	2.19E-05	3.52E-05	3.42E-05	7.45E-06	7.49E-06	4.8595E-04
606927.8	4200968.22	63090.16359	0.09047	0.09403	0.0897	0.08723	0.05057	0.05088	3.55E-04	2.27E-05	2.39E-05	3.65E-05	3.54E-05	7.38E-06	7.42E-06	4.7349E-04
606947.8	4200968.22	60012.05148	0.09896	0.10277	0.0933	0.09045	0.05012	0.0504	3.38E-04	2.49E-05	2.61E-05	3.80E-05	3.67E-05	7.32E-06	7.35E-06	4.6330E-04
606967.8	4200968.22	57183.9504	0.10873	0.11283	0.09716	0.09386	0.04965	0.0499	3.22E-04	2.73E-05	2.87E-05	3.96E-05	3.81E-05	7.25E-06	7.27E-06	4.5536E-04
606987.8	4200968.22	54579.41729	0.12011	0.12447	0.10129	0.09744	0.04917	0.04939	3.07E-04	3.02E-05	3.17E-05	4.13E-05	3.95E-05	7.18E-06	7.20E-06	4.4966E-04
607007.8	4200968.22	52175.91652	0.13345	0.13807	0.1057	0.1012	0.04868	0.04887	2.94E-04	3.35E-05	3.51E-05	4.31E-05	4.11E-05	7.11E-06	7.12E-06	4.4627E-04
607027.8	4200968.22	49950.95589	0.14928	0.15399	0.11034	0.10504	0.04819	0.04835	2.81E-04	3.75E-05	3.92E-05	4.49E-05	4.26E-05	7.04E-06	7.05E-06	4.4523E-04
607047.8	4200968.22	47887.5075	0.1681	0.1728	0.1152	0.10899	0.04768	0.04781	2.69E-04	4.22E-05	4.40E-05	4.69E-05	4.42E-05	6.96E-06	6.97E-06	4.4672E-04
607067.8	4200968.22	45972.64482	0.19055	0.19503	0.12019	0.11292	0.04716	0.04728	2.59E-04	4.79E-05	4.96E-05	4.90E-05	4.58E-05	6.89E-06	6.89E-06	4.5086E-04
607087.8	4200968.22	44189.25607	0.21783	0.22175	0.1253	0.11678	0.04664	0.04673	2.49E-04	5.47E-05	5.64E-05	5.10E-05	4.74E-05	6.81E-06	6.81E-06	4.5813E-04
607107.8	4200968.22	42525.16328	0.25128	0.25382	0.13045	0.12054	0.04612	0.04619	2.39E-04	6.31E-05	6.46E-05	5.31E-05	4.89E-05	6.74E-06	6.73E-06	4.6895E-04
607127.8	4200968.22	40969.06118	0.29269	0.29283	0.1355	0.12405	0.04559	0.04564	2.30E-04	7.35E-05	7.45E-05	5.52E-05	5.03E-05	6.66E-06	6.65E-06	4.8400E-04
607147.8	4200968.22	39512.04042	0.34443	0.34056	0.14025	0.12715	0.04506	0.04508	2.22E-04	8.65E-05	8.66E-05	5.71E-05	5.16E-05	6.58E-06	6.57E-06	5.0413E-04

607167.8	4200968.22	38144.26164	0.41015	0.39981	0.14448	0.12973	0.04452	0.04453	2.15E-04	1.03E-04	1.02E-04	5.88E-05	5.26E-05	6.50E-06	6.49E-06	5.3079E-04
607187.8	4200968.22	36857.35838	0.49534	0.47458	0.14805	0.13177	0.04398	0.04398	2.07E-04	1.24E-04	1.21E-04	6.03E-05	5.35E-05	6.42E-06	6.41E-06	5.6625E-04
607207.8	4200968.22	35645.63882	0.60802	0.57062	0.15069	0.13322	0.04344	0.04342	2.01E-04	1.53E-04	1.45E-04	6.14E-05	5.40E-05	6.34E-06	6.33E-06	6.1383E-04
607227.8	4200968.22	34508.0841	0.75815	0.6946	0.1518	0.1336	0.04291	0.04287	1.94E-04	1.90E-04	1.77E-04	6.18E-05	5.42E-05	6.27E-06	6.25E-06	6.7728E-04
606527.8	4200988.22	143511.1206	0.0266	0.02752	0.05041	0.05014	0.05794	0.05926	8.07E-04	6.68E-06	7.00E-06	2.05E-05	2.03E-05	8.46E-06	8.64E-06	8.6190E-04
606547.8	4200988.22	141346.4949	0.02764	0.02864	0.05181	0.05139	0.05805	0.0593	7.95E-04	6.94E-06	7.29E-06	2.11E-05	2.08E-05	8.48E-06	8.64E-06	8.5135E-04
606567.8	4200988.22	139214.583	0.02894	0.02986	0.05285	0.0527	0.05809	0.05927	7.83E-04	7.27E-06	7.60E-06	2.15E-05	2.14E-05	8.48E-06	8.64E-06	8.4095E-04
606587.8	4200988.22	136823.9287	0.03022	0.03122	0.05426	0.05409	0.05809	0.0592	7.70E-04	7.59E-06	7.94E-06	2.21E-05	2.19E-05	8.48E-06	8.63E-06	8.2931E-04
606607.8	4200988.22	134004.0893	0.03161	0.03268	0.05576	0.05553	0.05804	0.05908	7.54E-04	7.94E-06	8.31E-06	2.27E-05	2.25E-05	8.48E-06	8.61E-06	8.1536E-04
606627.8	4200988.22	130705.6326	0.03287	0.03398	0.05735	0.05711	0.05795	0.05893	7.35E-04	8.26E-06	8.65E-06	2.34E-05	2.32E-05	8.46E-06	8.59E-06	7.9874E-04
606647.8	4200988.22	126620.048	0.0342	0.03565	0.05947	0.05875	0.05781	0.05873	7.12E-04	8.59E-06	9.07E-06	2.42E-05	2.38E-05	8.44E-06	8.56E-06	7.7804E-04
606667.8	4200988.22	121890.9854	0.03587	0.03739	0.06149	0.06112	0.05764	0.05851	6.86E-04	9.01E-06	9.51E-06	2.50E-05	2.48E-05	8.42E-06	8.53E-06	7.5408E-04
606687.8	4200988.22	116693.5172	0.03748	0.03911	0.0633	0.06287	0.05745	0.05825	6.56E-04	9.41E-06	9.95E-06	2.58E-05	2.55E-05	8.39E-06	8.49E-06	7.2713E-04
606707.8	4200988.22	111113.701	0.0393	0.04106	0.06522	0.06472	0.0572	0.05795	6.25E-04	9.87E-06	1.04E-05	2.66E-05	2.63E-05	8.35E-06	8.45E-06	6.9823E-04
606727.8	4200988.22	105376.3594	0.04135	0.04324	0.06724	0.06667	0.05691	0.05761	5.93E-04	1.04E-05	1.10E-05	2.74E-05	2.70E-05	8.31E-06	8.40E-06	6.6863E-04
606747.8	4200988.22	99645.72391	0.04374	0.04577	0.06942	0.06876	0.05658	0.05722	5.61E-04	1.10E-05	1.16E-05	2.83E-05	2.79E-05	8.26E-06	8.34E-06	6.3938E-04
606867.8	4200988.22	71138.23537	0.06455	0.06738	0.08434	0.08301	0.05405	0.05442	4.00E-04	1.62E-05	1.71E-05	3.44E-05	3.37E-05	7.89E-06	7.93E-06	5.0158E-04
606887.8	4200988.22	67495.34817	0.07006	0.07319	0.08759	0.08606	0.05356	0.05389	3.80E-04	1.76E-05	1.86E-05	3.57E-05	3.49E-05	7.82E-06	7.85E-06	4.8651E-04
606907.8	4200988.22	64138.56937	0.07615	0.07957	0.09108	0.08929	0.05305	0.05335	3.61E-04	1.91E-05	2.02E-05	3.71E-05	3.62E-05	7.75E-06	7.78E-06	4.7351E-04
606927.8	4200988.22	61040.22714	0.08284	0.08667	0.09491	0.09285	0.05253	0.0528	3.43E-04	2.08E-05	2.21E-05	3.87E-05	3.77E-05	7.67E-06	7.70E-06	4.6257E-04
606947.8	4200988.22	58179.29787	0.09048	0.09466	0.09909	0.09669	0.052	0.05223	3.27E-04	2.27E-05	2.41E-05	4.04E-05	3.92E-05	7.59E-06	7.61E-06	4.5369E-04
606967.8	4200988.22	55534.80035	0.09927	0.10386	0.10363	0.10083	0.05146	0.05166	3.12E-04	2.49E-05	2.64E-05	4.22E-05	4.09E-05	7.51E-06	7.53E-06	4.4689E-04
606987.8	4200988.22	53087.17525	0.10953	0.11454	0.10857	0.10526	0.05091	0.05108	2.99E-04	2.75E-05	2.91E-05	4.42E-05	4.27E-05	7.43E-06	7.45E-06	4.4222E-04
607007.8	4200988.22	50818.68995	0.12156	0.12707	0.11397	0.11003	0.05035	0.05049	2.86E-04	3.05E-05	3.23E-05	4.64E-05	4.46E-05	7.35E-06	7.36E-06	4.3980E-04
607027.8	4200988.22	48708.31983	0.13599	0.14191	0.11986	0.11514	0.04978	0.04989	2.74E-04	3.42E-05	3.61E-05	4.88E-05	4.67E-05	7.27E-06	7.27E-06	4.3980E-04
607047.8	4200988.22	46749.16076	0.15301	0.15935	0.1261	0.12044	0.04921	0.04929	2.63E-04	3.84E-05	4.05E-05	5.14E-05	4.89E-05	7.19E-06	7.18E-06	4.4219E-04
607067.8	4200988.22	44923.85493	0.17356	0.18024	0.13281	0.12602	0.04863	0.04869	2.53E-04	4.36E-05	4.59E-05	5.41E-05	5.11E-05	7.10E-06	7.10E-06	4.4739E-04
607087.8	4200988.22	43220.09595	0.19874	0.20563	0.14001	0.13181	0.04805	0.04809	2.43E-04	4.99E-05	5.23E-05	5.70E-05	5.35E-05	7.02E-06	7.01E-06	4.5587E-04
607107.8	4200988.22	41626.80261	0.22993	0.2365	0.14767	0.13779	0.04746	0.04748	2.34E-04	5.77E-05	6.02E-05	6.01E-05	5.59E-05	6.93E-06	6.92E-06	4.6814E-04
607127.8	4200988.22	40134.21307	0.26906	0.27459	0.15572	0.14383	0.04687	0.04688	2.26E-04	6.76E-05	6.99E-05	6.34E-05	5.83E-05	6.84E-06	6.83E-06	4.8499E-04
607147.8	4200988.22	38733.74541	0.31888	0.32211	0.16403	0.14975	0.04628	0.04627	2.18E-04	8.01E-05	8.20E-05	6.68E-05	6.07E-05	6.76E-06	6.74E-06	5.0750E-04
607167.8	4200988.22	37417.49499	0.38342	0.38214	0.17231	0.15534	0.04569	0.04566	2.10E-04	9.63E-05	9.72E-05	7.02E-05	6.30E-05	6.67E-06	6.66E-06	5.3722E-04
607187.8	4200988.22	36178.32429	0.4687	0.45905	0.18019	0.16033	0.04511	0.04506	2.04E-04	1.18E-04	1.17E-04	7.34E-05	6.50E-05	6.59E-06	6.57E-06	5.7646E-04
607207.8	4200988.22	35011.22451	0.58356	0.55906	0.18702	0.16431	0.04452	0.04445	1.97E-04	1.47E-04	1.42E-04	7.62E-05	6.67E-05	6.50E-06	6.48E-06	6.2859E-04
606527.8	4201008.22	130767.3364	0.02482	0.02572	0.05169	0.05167	0.06202	0.06334	7.36E-04	6.23E-06	6.54E-06	2.11E-05	2.10E-05	9.06E-06	9.23E-06	7.9045E-04
606547.8	4201008.22	128578.4635	0.02578	0.02674	0.05305	0.05301	0.06202	0.06325	7.23E-04	6.47E-06	6.80E-06	2.16E-05	2.15E-05	9.06E-06	9.22E-06	7.7973E-04
606567.8	4201008.22	126372.0958	0.02688	0.0279	0.0545	0.05444	0.06194	0.0631	7.11E-04	6.75E-06	7.10E-06	2.22E-05	2.21E-05	9.05E-06	9.20E-06	7.6906E-04
606587.8	4201008.22	124074.1944	0.02801	0.0291	0.05603	0.05587	0.06182	0.06291	6.98E-04	7.03E-06	7.40E-06	2.28E-05	2.27E-05	9.03E-06	9.17E-06	7.5793E-04
606607.8	4201008.22	121484.4247	0.02923	0.03039	0.05759	0.05733	0.06165	0.06267	6.83E-04	7.34E-06	7.73E-06	2.35E-05	2.33E-05	9.00E-06	9.13E-06	7.4522E-04
606627.8	4201008.22	118600.8672	0.03046	0.0317	0.05932	0.05919	0.06145	0.0624	6.67E-04	7.65E-06	8.07E-06	2.42E-05	2.40E-05	8.97E-06	9.10E-06	7.3110E-04
606647.8	4201008.22	115214.0806	0.03174	0.03308	0.06108	0.06091	0.06121	0.06209	6.48E-04	7.97E-06	8.42E-06	2.49E-05	2.47E-05	8.94E-06	9.05E-06	7.1413E-04
606667.8	4201008.22	111272.1673	0.03319	0.03462	0.06295	0.06274	0.06092	0.06173	6.26E-04	8.34E-06	8.81E-06	2.56E-05	2.55E-05	8.90E-06	9.00E-06	6.9422E-04
606687.8	4201008.22	107035.0735	0.03463	0.03617	0.06487	0.06462	0.0606	0.06136	6.02E-04	8.70E-06	9.20E-06	2.64E-05	2.62E-05	8.85E-06	8.94E-06	6.7268E-04
606827.8	4201008.22	75577.91484	0.05142	0.05409	0.08241	0.08162	0.0574	0.0578	4.25E-04	1.29E-05	1.38E-05	3.36E-05	3.31E-05	8.38E-06	8.42E-06	5.1853E-04
606847.8	4201008.22	71799.7068	0.05504	0.05794	0.08561	0.08453	0.05685	0.05721	4.04E-04	1.38E-05	1.47E-05	3.49E-05	3.43E-05	8.30E-06	8.34E-06	5.0165E-04
606867.8	4201008.22	68259.25552	0.05931	0.06201	0.08794	0.08697	0.05628	0.0566	3.84E-04	1.49E-05	1.58E-05	3.58E-05	3.53E-05	8.22E-06	8.25E-06	4.8578E-04
606887.8	4201008.22	64964.96612	0.06411	0.06726	0.09157	0.09044	0.0557	0.05598	3.65E-04	1.61E-05	1.71E-05	3.73E-05	3.67E-05	8.13E-06	8.16E-06	4.7267E-04
606907.8	4201008.22	61899.52834	0.06953	0.07299	0.09548	0.09413	0.0551	0.05535	3.48E-04	1.75E-05	1.86E-05	3.89E-05	3.82E-05	8.05E-06	8.07E-06	4.6133E-04
606927.8	4201008.22	59047.76261	0.07547	0.07938	0.09979	0.09821	0.0545	0.05471	3.32E-04	1.90E-05	2.02E-05	4.06E-05	3.98E-05	7.96E-06	7.97E-06	4.5182E-04
606947.8	4201008.22	56395.91196	0.08224	0.08656	0.10451	0.10267	0.05389	0.05406	3.17E-04	2.07E-05	2.20E-05	4.26E-05	4.16E-05	7.87E-06	7.88E-06	4.4416E-04
606967.8	4201008.22	53929.08534	0.09001	0.09483	0.10971	0.10752	0.05327	0.05341	3.03E-04	2.26E-05	2.41E-05	4.47E-05	4.36E-05	7.78E-06	7.78E-06	4.3842E-04
606987.8	4201008.22	51633.37963	0.09908	0.10443	0.11543	0.11282	0.05264	0.05275	2.90E-04	2.49E-05	2.66E-05	4.70E-05	4.58E-05	7.69E-06	7.69E-06	4.3471E-04
607007.8	4201008.22	49495.40091	0.1097	0.11571	0.12178	0.11862	0.05201	0.05209	2.78E-04	2.76E-05	2.94E-05	4.96E-05	4.81E-05	7.60E-06	7.59E-06	4.3316E-04
607027.8	4201008.22	47498.5268	0.12244	0.1291	0.12883	0.12497	0.05136	0.05142	2.67E-04	3.08E-05	3.28E-05	5.25E-05	5.07E-05	7.50E-06	7.49E-06	4.3398E-04
607047.8	4201008.22	45637.91228	0.1375	0.14491	0.1365	0.13178	0.05072	0.05076	2.57E-04	3.45E-05	3.69E-05	5.56E-05	5.35E-05	7.41E-06	7.40E-06	4.3720E-04
607067.8	4201008.22	43899.0964	0.15571	0.16395	0.14498	0.13918	0.05007	0.05009	2.47E-04	3.91E-05	4.17E-05	5.91E-05	5.65E-05	7.31E-06	7.30E-06	4.4329E-04
607087.8	4201008.22	42271.91509	0.17811	0.18724	0.15438	0.14718	0.04943	0.04942	2.38E-04	4.47E-05	4.76E-05	6.29E-05	5.97E-05	7.22E-06	7.20E-06	4.5276E-04
607107.8	4201008.22	40746.80978	0.20605	0.21588	0.16481	0.15585	0.04878	0.04876	2.29E-04	5.17E-05	5.49E-05	6.71E-05	6.32E-05	7.12E-06	7.11E-06	4.6625E-04
607127.8	4201008.22	39315.14327	0.24143	0.25171	0.17637	0.16515	0.04813	0.04809	2.21E-04	6.06E-05	6.40E-05	7.18E-05	6.70E-05	7.03E-06	7.01E-06	4.8468E-04
607147.8	4201008.22	37969.55445	0.28712	0.29719	0.18915	0.17502	0.04749	0.04743	2.14E-04	7.21E-05	7.56E-05	7.70E-05	7.10E-05	6.94E-06	6.91E-06	5.0937E-04
607167.8	4201008.22	36702.77409	0.34743	0.35588	0.2031	0.1853	0.04684	0.04677	2.06E-04	8.73E-05	9.05E-05	8.27E-05	7.52E-05	6.84E-06	6.82E-06	5.4217E-04
607187.8	4201008.22	35508.50925	0.42902	0.4329	0.21804	0.1957	0.0462	0.04611	2.00E-04	1.08E-04	1.10E-04	8.88E-05	7.94E-05	6.75E-06	6.72E-06	5.8584E-04
607207.8	4201008.22	34383.65319	0.54124	0.53497	0.2331	0.20543	0.04557	0.04546	1.93E-04	1.36E-04	1.36E-04	9.49E-05	8.33E-05	6.65E-06	6.63E-06	6.4375E-04
606787.8	4201028.22	79269.60194	0.04154	0.04362	0.07875	0.07845	0.06111	0.06153	4.46E-04	1.04E-05	1.11E-05	3.21E-05	3.18E-05	8.92E-06	8.97E-06	5.3138E-04
606807.8	4201028.22	75564.9609	0.04413	0.0464	0.08179	0.08142	0.06048	0.06087	4.25E-04	1.11E-05	1.18E-05	3.33E-05	3.30E-05	8.83E-06	8.87E-06	5.1434E-04
606827.8	4201028.22	72022.38326	0.04706	0.04954	0.08506	0.08462	0.05984	0.06018	4.05E-04	1.18E-05	1.26E-05	3.46E-05	3.43E-05	8.74E-06	8.77E-06	4.9857E-04
606847.8	4201028.22	68671.21916	0.05027	0.05298	0.08855	0.08784	0.05919	0.05948	3.86E-04	1.26E-05	1.35E-05	3.61E-05	3.56E-05	8.64E-06	8.67E-06	4.8413E-04
606867.8	4201028.22	65501.60659	0.05422	0.05681	0.09117	0.0906	0.05852	0.05877	3.68E-04	1.36E-05	1.45E-05	3.71E-05	3.68E-05	8.55E-06	8.57E-06	4.7045E-04
606887.8	4201028.22	62523.64759	0.05857	0.06157	0.09517	0.09448	0.05784	0.05806	3.52E-04	1.47E-05	1.57E-05	3.88E-05	3.83E-05	8.45E-06	8.46E-06	4.5920E-04
606907.8	4201028.22	59730.69833	0.06336	0.06667	0.09948	0.09862	0.05716	0.05734	3.36E-04	1.59E-05	1.70E-05	4.05E-05	4.00E-05	8.35E-06	8.36E-06	4.4943E-04
606927.8	4201028.22	57111.98146	0.06858	0.07235	0.10423	0.10321	0.05647	0.05661	3.21E-04	1.72E-05	1.84E-05	4.25E-05	4.19E-05	8.25E-06	8.25E-06	4.4125E-04
606947.8	4201028.22	54659.4974	0.0745	0.0787	0.10946	0.10824	0.05577	0.05588	3.07E-04	1.87E-05	2.00E-05	4.46E-05	4.39E-05	8.14E-06	8.14E-06	4.3472E-04
606967.8	4201028.22	52363.93005	0.08127	0.08601	0.11525	0.11377	0.05506	0.05515	2.95E-04	2.04E-05	2.19E-05	4.69E-05	4.62E-05	8.04E-06	8.04E-06	4.2997E-04
606987.8	4201028.22	50215.07479	0.08917	0.09449	0.12169	0.1199	0.05435	0.05441	2.82E-04	2.24E-05	2.40E-05	4.96E-05	4.86E-05	7.94E-06	7.93E-06	4.2713E-04
607007.8	4201028.22	48205.74598	0.0983	0.10438	0.12886	0.12664	0.05365	0.05368	2.71E-04	2.47E-05	2.66E-05	5.25E-05	5.14E-05	7.83E-06	7.82E-06	4.2629E-04
607027.8	4201028.22	46321.26062	0.10926	0.1161	0.13693	0.13417	0.05293	0.05294	2.61E-04	2.74E-05	2.95E-05	5.58E-05	5.44E-05	7.73E-06	7.72E-06	4.2777E-04
607047.8	4201028.22	44556.10258	0.12223	0.13001	0.14594	0.1425	0.05222	0.0522	2.51E-04	3.07E-05	3.31E-05	5.94E-05	5.78E-05	7.63E-06	7.61E-06	4.3168E-04
607067.8	4201028.22	42900.17303	0.13795	0.14688	0.15612	0.15178	0.0515	0.05146	2.41E-04	3.46E-05	3.74E-05	6.36E-05	6.16E-05	7.52E-06	7.50E-06	4.3852E-04
607087.8	4201028.22	41347.32875	0.15717	0.16748	0.16761	0.16209	0.05079	0.05073	2.33E-04	3.95E-05	4.26E-05	6.83E-05	6.58E-05	7.42E-06	7.39E-06	4.4871E-04
607107.8	4201028.22	39888.01189	0.18119	0.19296	0.18075	0.17365	0.05008	0.05	2.24E-04	4.55E-05	4.91E-05	7.36E-05	7.04E-05	7.31E-06	7.29E-06	4.6306E-04
607127.8	4201028.22	38515.16041	0.21169	0.22513	0.19587	0.18665	0.04937	0.04928	2.17E-04	5.32E-05	5.73E-05	7.98E-05	7.57E-05	7.21E-06	7.18E-06	4.8261E-04
607147.8	4201028.22	37221.95761	0.25144	0.2666	0.21345	0.20132	0.04866	0.04855	2.09E-04	6.31E-05	6.78E-05	8.69E-05	8.17E-05	7.11E-06	7.08E-06	5.0898E-04
607167.8	4201028.22	36003.58545	0.3042	0.32085	0.23387	0.2177	0.04796	0.04784	2.03E-04	7.64E-05	8.16E-05	9.53E-05	8.83E-05	7.00E-06	6.97E-06	5.4414E-04
607187.8	4201028.22	34853.95161	0.3765	0.39358	0.2577	0.2359	0.04727	0.04713	1.96E-04	9.46E-05	1.00E-04	1.05E-04	9.57E-05	6.90E-06	6.87E-06	5.9143E-04
606727.8	4201048.22	85195.7631	0.03259	0.03403	0.07215	0.07224	0.06589	0.0664	4.79E-04	8.18E-06	8.66E-06	2.94E-05	2.93E-05	9.62E-06	9.68E-06	5.5482E-04
606747.8	4201048.22	81784.26146	0.03428	0.03584	0.07478	0.07484	0.06521	0.06567	4.60E-04	8.61E-06	9.12E-06	3.05E-05	3.04E-05	9.52E-06	9.57E-06	5.3864E-04
606767.8	4201048.22	78374.67463	0.03621	0.03791	0.07763	0.07765	0.0645	0.06491	4.41E-04	9.09E-06	9.65E-06	3.16E-05	3.15E-05	9.42E-06	9.46E-06	5.2277E-04
606787.8	4201048.22	75045.44066	0.03825	0.0401	0.08062	0.08061	0.06378	0.06414	4.22E-04	9.61E-06	1.02E-05	3.28E-05	3.27E-05	9.31E-06	9.35E-06	5.0753E-04
606807.8	4201048.22	71802.1142	0.04059	0.0426	0.08386	0.08382	0.06304	0.06335	4.04E-04	1.02E-05	1.08E-05	3.42E-05	3.40E-05	9.21E-06	9.23E-06	4.9313E-04
606827.8	4201048.22	68685.31296	0.04314	0.04534	0.08733	0.08725	0.06229	0.06256	3.86E-04	1.08E-05	1.15E-05	3.56E-05	3.54E-05	9.10E-06	9.12E-06	4.7974E-04
606847.8	4201048.22	65698.03802	0.04605	0.04846	0.09104	0.09061	0.06153	0.06175	3.70E-04	1.16E-05	1.23E-05	3.71E-05	3.68E-05	8.99E-06	9.00E-06	4.6733E-04
606867.8	4201048.22	62862.98743	0.04972	0.05201	0.09403	0.09386	0.06076	0.06094	3.54E-04	1.25E-05	1.32E-05	3.83E-05	3.81E-05	8.87E-06	8.88E-06	4.5574E-04
606887.8	4201048.22	60172.06711	0.05359	0.0563	0.09835	0.09812	0.05998	0.06013	3.39E-04	1.35E-05	1.43E-05	4.01E-05	3.98E-05	8.76E-06	8.76E-06	4.4615E-04
606907.8	4201048.22	57633.23696	0.05766	0.06074	0.10302	0.10268	0.0592	0.05932	3.24E-04	1.45E-05	1.55E-05	4.20E-05	4.17E-05	8.65E-06	8.65E-06	4.3778E-04
606927.8	4201048.22	55232.51532	0.06228	0.06574	0.10815	0.10771	0.05842	0.0585	3.11E-04	1.56E-05	1.67E-05	4.41E-05	4.37E-05	8.53E-06	8.53E-06	4.3083E-04
606947.8	4201048.22	52969.69116	0.06745	0.0713	0.11383	0.11327	0.05763	0.05768	2.98E-04	1.69E-05	1.81E-05	4.64E-05	4.59E-05	8.42E-06	8.41E-06	4.2538E-04
606967.8	4201048.22	50841.0318	0.07325	0.07758	0.12009	0.11939	0.05684	0.05687	2.86E-04	1.84E-05	1.97E-05	4.89E-05	4.84E-05	8.30E-06	8.29E-06	4.2150E-04
606987.8	4201048.22	48834.81209	0.07999	0.08495	0.12712	0.12623	0.05605	0.05605	2.75E-04	2.01E-05	2.16E-05	5.18E-05	5.12E-05	8.19E-06	8.17E-06	4.1941E-04
607007.8	4201048.22	46947.92051	0.08785	0.09355	0.13503	0.13389	0.05526	0.05523	2.64E-04	2.21E-05	2.38E-05	5.50E-05	5.43E-05	8.07E-06	8.05E-06	4.1929E-04
607027.8	4201048.22	45170.90194	0.09716	0.10362	0.14402	0.14252	0.05447	0.05442	2.54E-04	2.44E-05	2.64E-05	5.87E-05	5.78E-05	7.95E-06	7.93E-06	4.2136E-04
607047.8	4201048.22	43499.4814	0.10813	0.11558	0.15418	0.15224	0.05368	0.05361	2.45E-04	2.72E-05	2.94E-05	6.28E-05	6.18E-05	7.84E-06	7.81E-06	4.2583E-04
607067.8	4201048.22	41927.03183	0.12127	0.12996	0.16575	0.16322	0.0529	0.05281	2.36E-04	3.05E-05	3.31E-05	6.75E-05	6.62E-05	7.73E-06	7.70E-06	4.3311E-04
607087.8	4201048.22	40445.96869	0.13734	0.14756	0.17907	0.17575	0.05212	0.05201	2.28E-04	3.45E-05	3.75E-05	7.29E-05	7.13E-05	7.61E-06	7.58E-06	4.4380E-04
607107.8	4201048.22	39051.00642	0.15725	0.16931	0.19455	0.19011	0.05134	0.05122	2.20E-04	3.95E-05	4.31E-05	7.92E-05	7.71E-05	7.50E-06	7.47E-06	4.5862E-04
607127.8	4201048.22	37735.43137	0.18242	0.1968	0.2128	0.2068	0.05057	0.05043	2.12E-04	4.58E-05	5.01E-05	8.67E-05	8.39E-05	7.38E-06	7.35E-06	4.7874E-04
607147.8	4201048.22	36493.64103	0.21508	0.23233	0.23461	0.22635	0.04981	0.04965	2.05E-04	5.40E-05	5.91E-05	9.56E-05	9.18E-05	7.27E-06	7.24E-06	5.0581E-04
607167.8	4201048.22	35319.1814	0.25891	0.27978	0.26126	0.24964	0.04905	0.04888	1.99E-04	6.50E-05	7.12E-05	1.06E-04	1.01E-04	7.16E-06	7.12E-06	5.4258E-04
607187.8	4201048.22	34211.17782	0.31862	0.34397	0.29406	0.2773	0.0483	0.04812	1.92E-04	8.00E-05	8.75E-05	1.20E-04	1.12E-04	7.05E-06	7.01E-06	5.9226E-04
606527.8	4201068.22	102543.579	0.02042	0.02105	0.05361	0.0539	0.07547	0.07666	5.77E-04	5.13E-06	5.36E-06	2.18E-05	2.19E-05	1.10E-05	1.12E-05	6.3106E-04
606547.8	4201068.22	100767.9376	0.02117	0.02184	0.05513	0.05542	0.07501	0.0761	5.67E-04	5.32E-06	5.56E-06	2.25E-05	2.25E-05	1.10E-05	1.11E-05	6.2270E-04
606567.8	4201068.22	98951.78493	0.02198	0.0227	0.05675	0.05705	0.07449	0.07549	5.57E-04	5.52E-06	5.78E-06	2.31E-05	2.31E-05	1.09E-05	1.10E-05	6.1423E-04
606587.8	4201068.22	97099.33716	0.02281	0.02357	0.05843	0.05874	0.07391	0.07483	5.46E-04	5.73E-06	6.00E-06	2.38E-05	2.38E-05	1.08E-05	1.09E-05	6.0560E-04
606607.8	4201068.22	95155.74372	0.02367	0.02448	0.0602	0.06051	0.07331	0.07414	5.35E-04	5.94E-06	6.23E-06	2.45E-05	2.45E-05	1.07E-05	1.08E-05	5.9656E-04
606627.8	4201068.22	93102.299	0.02456	0.02543	0.06206	0.06238	0.07266	0.07342	5.24E-04	6.17E-06	6.47E-06	2.53E-05	2.53E-05	1.06E-05	1.07E-05	5.8699E-04
606647.8	4201068.22	90807.4748	0.0256	0.02652	0.06408	0.06441	0.07197	0.07266	5.11E-04	6.43E-06	6.75E-06	2.61E-05	2.61E-05	1.05E-05	1.06E-05	5.7626E-04
606667.8	4201068.22	88341.88539	0.02662	0.02762	0.06618	0.0665	0.07126	0.07188	4.97E-04	6.69E-06	7.03E-06	2.70E-05	2.70E-05	1.04E-05	1.05E-05	5.6463E-04
606687.8	4201068.22	85674.71744	0.02778	0.02885	0.06844	0.06876	0.07052	0.07107	4.82E-04	6.98E-06	7.34E-06	2.79E-05	2.79E-05	1.03E-05	1.04E-05	5.5207E-04
606707.8	4201068.22	82887.20682	0.02899	0.03014	0.07081	0.07112	0.06976	0.07025	4.66E-04	7.28E-06	7.67E-06	2.88E-05	2.88E-05	1.02E-05	1.02E-05	5.3894E-04
606727.8	4201068.22	79988.07642	0.03036	0.0316	0.07337	0.07367	0.06896	0.0694	4.50E-04	7.62E-06	8.04E-06	2.99E-05	2.99E-05	1.01E-05	1.01E-05	5.2542E-04
606747.8	4201068.22	77034.34592	0.03191	0.03325	0.07613	0.07642	0.06815	0.06853	4.33E-04	8.01E-06	8.46E-06	3.10E-05	3.10E-05	9.95E-06	9.99E-06	5.1185E-04
606767.8	4201068.22	74083.6424	0.03359	0.03504	0.07907	0.07935	0.06732	0.06764	4.17E-04	8.44E-06	8.92E-06	3.22E-05	3.22E-05	9.83E-06	9.86E-06	4.9852E-04
606787.8	4201068.22	71172.00069	0.03542	0.03699	0.0822	0.08247	0.06647	0.06675	4.00E-04	8.90E-06	9.41E-06	3.35E-05	3.35E-05	9.71E-06	9.73E-06	4.8563E-04
606807.8	4201068.22	68315.09114	0.03752	0.03924	0.08563	0.08589	0.06561	0.06584	3.84E-04	9.42E-06	9.98E-06	3.49E-05	3.48E-05	9.58E-06	9.60E-06	4.7345E-04
606827.8	4201068.22	65551.8622	0.03981	0.04169	0.08929	0.08955	0.06474	0.06493	3.69E-04	1.00E-05	1.06E-05	3.64E-05	3.63E-05	9.45E-06	9.46E-06	4.6207E-04
606847.8	4201068.22	62894.41939	0.04232	0.04438	0.09324	0.09333	0.06387	0.06402	3.54E-04	1.06E-05	1.13E-05	3.80E-05	3.79E-05	9.33E-06	9.33E-06	4.5158E-04
606867.8	4201068.22	60347.37803	0.04569	0.04749	0.09655	0.09675	0.06299	0.0631	3.39E-04	1.15E-05	1.21E-05	3.93E-05	3.92E-05	9.20E-06	9.20E-06	4.4163E-04
606887.8	4201068.22	57919.06442	0.04902	0.05137	0.10107	0.10128	0.06211	0.06219	3.26E-04	1.23E-05	1.31E-05	4.12E-05	4.11E-05	9.07E-06	9.06E-06	4.3347E-04
606907.8	4201068.22	55607.14551	0.05266	0.05531	0.10607	0.10626	0.06123	0.06128	3.13E-04	1.32E-05	1.41E-05	4.32E-05	4.31E-05	8.94E-06	8.93E-06	4.2643E-04
606927.8	4201068.22	53409.72717	0.05674	0.05978	0.11152	0.11166	0.06035	0.06036	3.00E-04	1.42E-05	1.52E-05	4.54E-05	4.53E-05	8.81E-06	8.80E-06	4.2064E-04
606947.8	4201068.22	51325.85134	0.06122	0.06457	0.11757	0.11768	0.05947	0.05946	2.89E-04	1.54E-05	1.64E-05	4.79E-05	4.77E-05	8.68E-06	8.67E-06	4.1617E-04
606967.8	4201068.22	49351.81626	0.06628	0.07005	0.12431	0.12437	0.0586	0.05855	2.78E-04	1.66E-05	1.78E-05	5.06E-05	5.05E-05	8.56E-06	8.53E-06	4.1319E-04
606987.8	4201068.22	47482.90971	0.07207	0.07637	0.13183	0.13184	0.05772	0.05765	2.67E-04	1.81E-05	1.94E-05	5.37E-05	5.35E-05	8.43E-06	8.40E-06	4.1183E-04
607007.8	4201068.22	45717.89522	0.07868	0.0836	0.14027	0.1402	0.05685	0.05676	2.57E-04	1.98E-05	2.13E-05	5.71E-05	5.69E-05	8.30E-06	8.27E-06	4.1223E-04
607027.8	4201068.22	44047.70585	0.08646	0.09213	0.14991	0.14973	0.05599	0.05587	2.48E-04	2.17E-05	2.34E-05	6.11E-05	6.07E-05	8.18E-06	8.14E-06	4.1475E-04
607047.8	4201068.22	42466.76385	0.09573	0.10227	0.16101	0.16066	0.05512	0.05499	2.39E-04	2.40E-05	2.60E-05	6.56E-05	6.52E-05	8.05E-06	8.02E-06	4.1972E-04
607067.8	4201068.22	40974.63429	0.10669	0.11432	0.17373	0.17314	0.05426	0.05411	2.31E-04	2.68E-05	2.91E-05	7.08E-05	7.02E-05	7.92E-06	7.89E-06	4.2739E-04
607087.8	4201068.22	39564.71208	0.11991	0.12893	0.18848	0.18757	0.05342	0.05325	2.23E-04	3.01E-05	3.28E-05	7.68E-05	7.61E-05	7.80E-06	7.76E-06	4.3835E-04
607107.8	4201068.22	38231.25007	0.1363	0.14706	0.20589	0.2045	0.05257	0.05239	2.15E-04	3.42E-05	3.74E-05	8.39E-05	8.30E-05	7.68E-06	7.64E-06	4.5354E-04
607127.8	4201068.22	36971.66558	0.15665	0.16965	0.22655	0.22446	0.05174	0.05154	2.08E-04	3.93E-05	4.32E-05	9.23E-05	9.11E-05	7.56E-06	7.51E-06	4.7382E-04
607147.8	4201068.22	35780.07256	0.18269	0.19866	0.25159	0.24843	0.05092	0.05071	2.01E-04	4.59E-05	5.05E-05	1.02E-04	1.01E-04	7.44E-06	7.39E-06	5.0096E-04
607167.8	4201068.22	34651.98983	0.21689	0.23697	0.28266	0.27779	0.0501	0.04988	1.95E-04	5.45E-05	6.03E-05	1.15E-04	1.13E-04	7.32E-06	7.27E-06	5.3752E-04
607187.8	4201068.22	33583.11001	0.26331	0.28924	0.32227	0.31453	0.0493	0.04907	1.89E-04	6.61E-05	7.36E-05	1.31E-04	1.28E-04	7.20E-06	7.15E-06	5.8750E-04
607207.8	4201068.22	32569.69904	0.3289	0.36351	0.37448	0.36178	0.04851	0.04827	1.83E-04	8.26E-05	9.25E-05	1.53E-04	1.47E-04	7.08E-06	7.04E-06	6.5760E-04
607227.8	4201068.22	31608.01741	0.42656	0.47459	0.44631	0.42462	0.04773	0.04748	1.78E-04	1.07E-04	1.21E-04	1.82E-04	1.72E-04	6.97E-06	6.92E-06	7.5973E-04
607247.8	4201068.22	30694.61673	0.58325	0.65243	0.55114	0.51185	0.04695	0.0467	1.73E-04	1.46E-04	1.66E-04	2.24E-04	2.08E-04	6.86E-06	6.81E-06	9.1727E-04
607267.8	4201068.22	29826.10415	0.86426	0.96507	0.7168	0.63975	0.0462	0.04594	1.68E-04	2.17E-04	2.46E-04	2.92E-04	2.60E-04	6.75E-06	6.70E-06	1.1819E-03
607287.8	4201068.22	28999.667	1.45809	1.58626	1.00645	0.83985	0.04545	0.04518	1.63E-04	3.66E-04	4.04E-04	4.10E-04	3.41E-04	6.64E-06	6.59E-06	1.6835E-03
607307.8	4201068.22	28212.74579	3.00598	2.96884	1.53752	1.15462	0.04471	0.04444	1.59E-04	7.55E-04	7.55E-04	6.26E-04	4.68E-04	6.53E-06	6.48E-06	2.7636E-03
606527.8	4201088.22	95485.69963	0.01928	0.01983	0.05404	0.05441	0.08031	0.08142	5.37E-04	4.84E-06	5.05E-06	2.20E-05	2.21E-05	1.17E-05	1.19E-05	5.9114E-04
606547.8	4201088.22	93850.00865	0.01998	0.02056	0.0556	0.05598	0.07965	0.08065	5.28E-04	5.02E-06	5.23E-06	2.26E-05	2.27E-05	1.16E-05	1.18E-05	5.8358E-04
606567.8	4201088.22	92199.3927	0.02069	0.02131	0.05723	0.05762	0.07893	0.07985	5.19E-04	5.20E-06	5.42E-06	2.33E-05	2.34E-05	1.15E-05	1.16E-05	5.7599E-04
606587.8	4201088.22	90487.20005	0.02146	0.02212	0.05896	0.05938	0.07817	0.079	5.09E-04	5.39E-06	5.63E-06	2.40E-05	2.41E-05	1.14E-05	1.15E-05	5.6817E-04
606607.8	4201088.22	88717.47507	0.02224	0.02293	0.06076	0.06119	0.07738	0.07813	4.99E-04	5.59E-06	5.83E-06	2.47E-05	2.48E-05	1.13E-05	1.14E-05	5.6009E-04
606627.8	4201088.22	86849.55824	0.0231	0.02384	0.0627	0.06315	0.07656	0.07722	4.89E-04	5.80E-06	6.07E-06	2.55E-05	2.56E-05	1.12E-05	1.13E-05	5.5161E-04
606647.8	4201088.22	84832.94789	0.024	0.02479	0.06475	0.06521	0.0757	0.07629	4.77E-04	6.03E-06	6.31E-06	2.64E-05	2.65E-05	1.11E-05	1.11E-05	5.4241E-04
606667.8	4201088.22	82651.74363	0.02498	0.02582	0.06693	0.0674	0.07483	0.07535	4.65E-04	6.27E-06	6.57E-06	2.73E-05	2.73E-05	1.09E-05	1.10E-05	5.3242E-04
606687.8	4201088.22	80316.68742	0.02605	0.02696	0.06928	0.06976	0.07393	0.07439	4.52E-04	6.54E-06	6.86E-06	2.82E-05	2.83E-05	1.08E-05	1.08E-05	5.2176E-04
606707.8	4201088.22	77877.43861	0.02721	0.02818	0.07176	0.07225	0.073	0.0734	4.38E-04	6.83E-06	7.17E-06	2.92E-05	2.93E-05	1.07E-05	1.07E-05	5.1066E-04
606727.8	4201088.22	75353.04582	0.02844	0.02949	0.0744	0.07489	0.07207	0.07241	4.24E-04	7.14E-06	7.50E-06	3.03E-05	3.04E-05	1.05E-05	1.06E-05	4.9924E-04
606747.8	4201088.22	72770.52775	0.02987	0.03099	0.07727	0.07777	0.0711	0.07139	4.09E-04	7.50E-06	7.88E-06	3.15E-05	3.15E-05	1.04E-05	1.04E-05	4.8779E-04
606767.8	4201088.22	70182.24719	0.03139	0.03261	0.08032	0.08082	0.07013	0.07037	3.95E-04	7.88E-06	8.30E-06	3.27E-05	3.28E-05	1.02E-05	1.03E-05	4.7650E-04
606787.8	4201088.22	67613.89533	0.03305	0.03437	0.08358	0.0841	0.06916	0.06935	3.80E-04	8.30E-06	8.74E-06	3.40E-05	3.41E-05	1.01E-05	1.01E-05	4.6558E-04
606807.8	4201088.22	65088.90431	0.0349	0.03634	0.08711	0.08764	0.06817	0.06832	3.66E-04	8.76E-06	9.25E-06	3.55E-05	3.56E-05	9.96E-06	9.96E-06	4.5521E-04
606827.8	4201088.22	62628.94569	0.03694	0.0385	0.09092	0.09148	0.06718	0.06729	3.52E-04	9.28E-06	9.80E-06	3.70E-05	3.71E-05	9.81E-06	9.81E-06	4.4555E-04
606847.8	4201088.22	60251.82393	0.03915	0.04085	0.09502	0.09558	0.0662	0.06626	3.39E-04	9.83E-06	1.04E-05	3.87E-05	3.88E-05	9.67E-06	9.66E-06	4.3666E-04
606867.8	4201088.22	57957.37525	0.04216	0.04359	0.09895	0.09926	0.06521	0.06523	3.26E-04	1.06E-05	1.11E-05	4.03E-05	4.03E-05	9.52E-06	9.51E-06	4.2830E-04
606887.8	4201088.22	55760.10873	0.04513	0.0471	0.10343	0.10403	0.06422	0.06422	3.14E-04	1.13E-05	1.20E-05	4.21E-05	4.22E-05	9.38E-06	9.36E-06	4.2134E-04
606907.8	4201088.22	53655.93158	0.04833	0.05051	0.10863	0.1093	0.06324	0.0632	3.02E-04	1.21E-05	1.29E-05	4.42E-05	4.43E-05	9.24E-06	9.21E-06	4.1542E-04
606927.8	4201088.22	51644.20709	0.05199	0.05446	0.11438	0.11506	0.06226	0.06219	2.91E-04	1.31E-05	1.39E-05	4.66E-05	4.67E-05	9.09E-06	9.06E-06	4.1071E-04
606947.8	4201088.22	49726.25668	0.05592	0.05873	0.12077	0.12149	0.06129	0.06119	2.80E-04	1.40E-05	1.49E-05	4.92E-05	4.93E-05	8.95E-06	8.92E-06	4.0720E-04
606967.8	4201088.22	47899.07453	0.06034	0.06349	0.12785	0.12863	0.06032	0.0602	2.69E-04	1.52E-05	1.62E-05	5.21E-05	5.22E-05	8.81E-06	8.77E-06	4.0503E-04
606987.8	4201088.22	46160.90082	0.06534	0.06891	0.13579	0.13663	0.05935	0.05922	2.60E-04	1.64E-05	1.75E-05	5.53E-05	5.54E-05	8.67E-06	8.63E-06	4.0436E-04
607007.8	4201088.22	44509.80948	0.07109	0.07513	0.14473	0.14565	0.0584	0.05824	2.50E-04	1.79E-05	1.91E-05	5.90E-05	5.91E-05	8.53E-06	8.49E-06	4.0540E-04
607027.8	4201088.22	42942.25508	0.07769	0.08233	0.1549	0.15591	0.05746	0.05728	2.42E-04	1.95E-05	2.09E-05	6.31E-05	6.32E-05	8.39E-06	8.35E-06	4.0838E-04
607047.8	4201088.22	41453.49074	0.08548	0.09076	0.16663	0.16773	0.05652	0.05632	2.33E-04	2.15E-05	2.31E-05	6.79E-05	6.80E-05	8.25E-06	8.21E-06	4.1367E-04
607067.8	4201088.22	40041.99123	0.09459	0.10071	0.18014	0.18136	0.05559	0.05538	2.25E-04	2.38E-05	2.56E-05	7.34E-05	7.36E-05	8.12E-06	8.07E-06	4.2158E-04
607087.8	4201088.22	38700.06851	0.10569	0.11287	0.19606	0.19743	0.05467	0.05444	2.18E-04	2.65E-05	2.87E-05	7.99E-05	8.01E-05	7.98E-06	7.93E-06	4.3292E-04
607107.8	4201088.22	37429.82903	0.11905	0.12758	0.21472	0.21625	0.05376	0.05352	2.11E-04	2.99E-05	3.25E-05	8.75E-05	8.77E-05	7.85E-06	7.80E-06	4.4811E-04
607127.8	4201088.22	36224.08293	0.1357	0.14591	0.23717	0.23891	0.05287	0.05262	2.04E-04	3.41E-05	3.71E-05	9.66E-05	9.69E-05	7.72E-06	7.67E-06	4.6850E-04
607147.8	4201088.22	35082.04401	0.15643	0.1689	0.26433	0.26635	0.05198	0.05172	1.97E-04	3.93E-05	4.30E-05	1.08E-04	1.08E-04	7.59E-06	7.54E-06	4.9533E-04
607167.8	4201088.22	33998.25525	0.18307	0.19873	0.29823	0.30052	0.05111	0.05085	1.91E-04	4.60E-05	5.06E-05	1.21E-04	1.22E-04	7.46E-06	7.41E-06	5.3118E-04
607187.8	4201088.22	32969.42046	0.21821	0.23855	0.34172	0.34424	0.05026	0.04998	1.85E-04	5.48E-05	6.07E-05	1.39E-04	1.40E-04	7.34E-06	7.28E-06	5.7980E-04
607207.8	4201088.22	31991.93074	0.2661	0.2937	0.39951	0.40207	0.04941	0.04913	1.80E-04	6.68E-05	7.47E-05	1.63E-04	1.63E-04	7.22E-06	7.16E-06	6.4736E-04
607227.8	4201088.22	31062.9647	0.33423	0.3738	0.47986	0.48202	0.04858	0.04829	1.75E-04	8.39E-05	9.51E-05	1.95E-04	1.96E-04	7.09E-06	7.04E-06	7.4478E-04
607247.8	4201088.22	30179.21459	0.43751	0.4984	0.59894	0.59935	0.04777	0.04747	1.70E-04	1.10E-04	1.27E-04	2.44E-04	2.43E-04	6.98E-06	6.92E-06	8.9354E-04
607267.8	4201088.22	29338.04675	0.61001	0.7135	0.79269	0.78713	0.04696	0.04666	1.65E-04	1.53E-04	1.82E-04	3.23E-04	3.19E-04	6.86E-06	6.80E-06	1.1419E-03
607287.8	4201088.22	28536.69092	0.94341	1.15085	1.15797	1.12953	0.04617	0.04587	1.61E-04	2.37E-04	2.93E-04	4.72E-04	4.58E-04	6.74E-06	6.69E-06	1.6201E-03
607307.8	4201088.22	27772.87986	1.71503	2.29712	2.03513	1.88382	0.0454	0.04509	1.56E-04	4.31E-04	5.84E-04	8.29E-04	7.64E-04	6.63E-06	6.57E-06	2.7645E-03
606527.8	4201108.22	89259.25848	0.01831	0.01878	0.05442	0.05485	0.08529	0.0863	5.02E-04	4.60E-06	4.78E-06	2.22E-05	2.22E-05	1.25E-05	1.26E-05	5.5594E-04
606547.8	4201108.22	87771.56601	0.01892	0.01942	0.05597	0.05642	0.08441	0.08531	4.94E-04	4.75E-06	4.94E-06	2.28E-05	2.29E-05	1.23E-05	1.24E-05	5.4915E-04
606567.8	4201108.22	86246.87438	0.01959	0.02012	0.05763	0.05811	0.08349	0.0843	4.85E-04	4.92E-06	5.12E-06	2.35E-05	2.36E-05	1.22E-05	1.23E-05	5.4228E-04
606587.8	4201108.22	84681.84065	0.02029	0.02085	0.05938	0.05988	0.08254	0.08325	4.76E-04	5.10E-06	5.30E-06	2.42E-05	2.43E-05	1.21E-05	1.21E-05	5.3527E-04
606607.8	4201108.22	83072.00561	0.02105	0.02164	0.06126	0.06179	0.08154	0.08218	4.67E-04	5.29E-06	5.51E-06	2.50E-05	2.51E-05	1.19E-05	1.20E-05	5.2815E-04
606627.8	4201108.22	81358.98373	0.02185	0.02248	0.06324	0.0638	0.08052	0.08108	4.58E-04	5.49E-06	5.72E-06	2.58E-05	2.59E-05	1.18E-05	1.18E-05	5.2055E-04
606647.8	4201108.22	79558.58174	0.02267	0.02334	0.06533	0.06591	0.07948	0.07997	4.48E-04	5.69E-06	5.94E-06	2.66E-05	2.67E-05	1.16E-05	1.17E-05	5.1255E-04
606667.8	4201108.22	77624.57666	0.02358	0.0243	0.06757	0.06817	0.07842	0.07884	4.37E-04	5.92E-06	6.18E-06	2.75E-05	2.77E-05	1.15E-05	1.15E-05	5.0397E-04

606687.8	4201108.22	75571.80884	0.02456	0.02532	0.06997	0.07059	0.07734	0.0777	4.25E-04	6.17E-06	6.44E-06	2.85E-05	2.86E-05	1.13E-05	1.13E-05	4.9489E-04
606707.8	4201108.22	73419.25333	0.02565	0.02647	0.07255	0.07319	0.07627	0.07657	4.13E-04	6.44E-06	6.73E-06	2.96E-05	2.97E-05	1.11E-05	1.12E-05	4.8545E-04
606727.8	4201108.22	71197.37628	0.0268	0.02767	0.07527	0.07593	0.07517	0.07541	4.01E-04	6.73E-06	7.04E-06	3.07E-05	3.08E-05	1.10E-05	1.10E-05	4.7576E-04
606747.8	4201108.22	68928.4481	0.02807	0.02901	0.0782	0.07887	0.07406	0.07425	3.88E-04	7.05E-06	7.38E-06	3.19E-05	3.20E-05	1.08E-05	1.08E-05	4.6605E-04
606767.8	4201108.22	66633.59498	0.0295	0.03052	0.08137	0.08207	0.07295	0.07309	3.75E-04	7.41E-06	7.77E-06	3.31E-05	3.33E-05	1.07E-05	1.07E-05	4.5647E-04
606787.8	4201108.22	64355.71726	0.03101	0.0321	0.08472	0.08545	0.07183	0.07193	3.62E-04	7.79E-06	8.17E-06	3.45E-05	3.47E-05	1.05E-05	1.05E-05	4.4717E-04
606807.8	4201108.22	62107.14064	0.03267	0.03385	0.08834	0.08911	0.07072	0.07077	3.49E-04	8.20E-06	8.61E-06	3.60E-05	3.61E-05	1.03E-05	1.03E-05	4.3834E-04
606827.8	4201108.22	59904.30813	0.03451	0.03578	0.09227	0.09309	0.0696	0.06962	3.37E-04	8.67E-06	9.10E-06	3.76E-05	3.78E-05	1.02E-05	1.01E-05	4.3012E-04
606847.8	4201108.22	57764.0914	0.03651	0.0379	0.09652	0.09737	0.06849	0.06847	3.25E-04	9.17E-06	9.64E-06	3.93E-05	3.95E-05	1.00E-05	9.98E-06	4.2259E-04
606867.8	4201108.22	55695.36813	0.03874	0.04025	0.10083	0.10156	0.06739	0.06734	3.13E-04	9.73E-06	1.02E-05	4.11E-05	4.12E-05	9.84E-06	9.82E-06	4.1556E-04
606887.8	4201108.22	53700.227	0.04175	0.04326	0.10538	0.10636	0.0663	0.06621	3.02E-04	1.05E-05	1.10E-05	4.29E-05	4.31E-05	9.68E-06	9.65E-06	4.0966E-04
606907.8	4201108.22	51778.46354	0.04477	0.04653	0.11081	0.11188	0.06521	0.06509	2.91E-04	1.12E-05	1.18E-05	4.51E-05	4.54E-05	9.52E-06	9.49E-06	4.0489E-04
606927.8	4201108.22	49934.62454	0.04807	0.05006	0.11682	0.11797	0.06412	0.06398	2.81E-04	1.21E-05	1.27E-05	4.76E-05	4.79E-05	9.36E-06	9.33E-06	4.0116E-04
606947.8	4201108.22	48169.8006	0.05156	0.05382	0.12348	0.12474	0.06305	0.06289	2.71E-04	1.29E-05	1.37E-05	5.03E-05	5.06E-05	9.21E-06	9.17E-06	3.9853E-04
606967.8	4201108.22	46481.58207	0.05544	0.05796	0.13086	0.13225	0.06199	0.06181	2.61E-04	1.39E-05	1.47E-05	5.33E-05	5.36E-05	9.05E-06	9.01E-06	3.9711E-04
606987.8	4201108.22	44868.84012	0.05982	0.06261	0.13909	0.14067	0.06095	0.06074	2.52E-04	1.50E-05	1.59E-05	5.67E-05	5.71E-05	8.90E-06	8.85E-06	3.9709E-04
607007.8	4201108.22	43328.02436	0.06482	0.06798	0.14843	0.15018	0.05991	0.05968	2.44E-04	1.63E-05	1.73E-05	6.05E-05	6.09E-05	8.75E-06	8.70E-06	3.9870E-04
607027.8	4201108.22	41858.72137	0.07057	0.07417	0.15901	0.16102	0.05888	0.05864	2.35E-04	1.77E-05	1.89E-05	6.48E-05	6.53E-05	8.60E-06	8.55E-06	4.0216E-04
607047.8	4201108.22	40457.47033	0.07729	0.08132	0.17126	0.17358	0.05787	0.05761	2.28E-04	1.94E-05	2.07E-05	6.98E-05	7.04E-05	8.45E-06	8.40E-06	4.0787E-04
607067.8	4201108.22	39121.98738	0.08518	0.08978	0.18551	0.18822	0.05687	0.0566	2.20E-04	2.14E-05	2.28E-05	7.56E-05	7.64E-05	8.30E-06	8.25E-06	4.1623E-04
607087.8	4201108.22	37851.70956	0.09451	0.09981	0.2021	0.20533	0.05588	0.0556	2.13E-04	2.37E-05	2.54E-05	8.23E-05	8.33E-05	8.16E-06	8.10E-06	4.2768E-04
607107.8	4201108.22	36642.3143	0.10581	0.11197	0.22176	0.22567	0.05491	0.05461	2.06E-04	2.66E-05	2.85E-05	9.03E-05	9.15E-05	8.02E-06	7.96E-06	4.4307E-04
607127.8	4201108.22	35492.46804	0.11959	0.1268	0.2453	0.25016	0.05395	0.05365	2.00E-04	3.00E-05	3.23E-05	9.99E-05	1.01E-04	7.88E-06	7.82E-06	4.6336E-04
607147.8	4201108.22	34397.96316	0.13673	0.14534	0.27407	0.28027	0.05301	0.05269	1.94E-04	3.43E-05	3.70E-05	1.12E-04	1.14E-04	7.74E-06	7.68E-06	4.9015E-04
607167.8	4201108.22	33358.09381	0.15807	0.16866	0.30976	0.31786	0.05208	0.05176	1.88E-04	3.97E-05	4.29E-05	1.26E-04	1.29E-04	7.61E-06	7.54E-06	5.2538E-04
607187.8	4201108.22	32368.81476	0.18544	0.1989	0.35552	0.3664	0.05117	0.05085	1.82E-04	4.66E-05	5.06E-05	1.45E-04	1.49E-04	7.47E-06	7.41E-06	5.7271E-04
607207.8	4201108.22	31426.93462	0.2214	0.23923	0.41617	0.43133	0.05028	0.04995	1.77E-04	5.56E-05	6.09E-05	1.70E-04	1.75E-04	7.34E-06	7.28E-06	6.3775E-04
607227.8	4201108.22	30530.00493	0.27029	0.29506	0.50008	0.52233	0.0494	0.04907	1.72E-04	6.79E-05	7.51E-05	2.04E-04	2.12E-04	7.21E-06	7.15E-06	7.3028E-04
607247.8	4201108.22	29675.44639	0.34025	0.37668	0.62316	0.65811	0.04854	0.0482	1.67E-04	8.55E-05	9.58E-05	2.54E-04	2.67E-04	7.09E-06	7.03E-06	8.6902E-04
607267.8	4201108.22	28860.92475	0.44835	0.50629	0.81929	0.88012	0.04769	0.04735	1.62E-04	1.13E-04	1.29E-04	3.34E-04	3.57E-04	6.96E-06	6.90E-06	1.0945E-03
607287.8	4201108.22	28084.09119	0.63381	0.73976	1.17287	1.29618	0.04686	0.04652	1.58E-04	1.59E-04	1.88E-04	4.78E-04	5.26E-04	6.84E-06	6.78E-06	1.5089E-03
607307.8	4201108.22	27342.53209	0.97654	1.23148	1.93063	2.23698	0.04605	0.0457	1.54E-04	2.45E-04	3.13E-04	7.86E-04	9.07E-04	6.72E-06	6.66E-06	2.4062E-03
606527.8	4201128.22	83759.88554	0.01744	0.01784	0.05469	0.05518	0.09041	0.09129	4.71E-04	4.38E-06	4.54E-06	2.23E-05	2.24E-05	1.32E-05	1.33E-05	5.2479E-04
606547.8	4201128.22	82374.63131	0.01803	0.01846	0.05629	0.05681	0.08929	0.09005	4.63E-04	4.53E-06	4.70E-06	2.29E-05	2.30E-05	1.30E-05	1.31E-05	5.1861E-04
606567.8	4201128.22	80968.40422	0.01865	0.01911	0.05798	0.05852	0.08812	0.08881	4.56E-04	4.68E-06	4.86E-06	2.36E-05	2.37E-05	1.29E-05	1.29E-05	5.1240E-04
606587.8	4201128.22	79531.23862	0.01929	0.01977	0.05974	0.06032	0.08695	0.08754	4.47E-04	4.84E-06	5.03E-06	2.43E-05	2.45E-05	1.27E-05	1.28E-05	5.0610E-04
606607.8	4201128.22	78058.22131	0.02	0.0205	0.06165	0.06225	0.08574	0.08626	4.39E-04	5.02E-06	5.22E-06	2.51E-05	2.53E-05	1.25E-05	1.26E-05	4.9973E-04
606627.8	4201128.22	76501.62533	0.02075	0.02128	0.06367	0.06431	0.08453	0.08495	4.30E-04	5.21E-06	5.41E-06	2.59E-05	2.61E-05	1.23E-05	1.24E-05	4.9302E-04
606647.8	4201128.22	74881.88746	0.02151	0.02208	0.06579	0.06646	0.08329	0.08365	4.21E-04	5.40E-06	5.62E-06	2.68E-05	2.70E-05	1.22E-05	1.22E-05	4.8604E-04
606667.8	4201128.22	73152.85189	0.02237	0.02297	0.06809	0.0688	0.08204	0.08234	4.12E-04	5.62E-06	5.84E-06	2.77E-05	2.79E-05	1.20E-05	1.20E-05	4.7864E-04
606687.8	4201128.22	71325.83296	0.02331	0.02396	0.07058	0.07132	0.08078	0.08102	4.01E-04	5.85E-06	6.10E-06	2.87E-05	2.89E-05	1.18E-05	1.18E-05	4.7089E-04
606707.8	4201128.22	69415.3701	0.02433	0.02501	0.07323	0.07399	0.07953	0.07972	3.91E-04	6.11E-06	6.36E-06	2.98E-05	3.00E-05	1.16E-05	1.16E-05	4.6282E-04
606727.8	4201128.22	67445.6692	0.0254	0.02613	0.07602	0.07681	0.07827	0.0784	3.79E-04	6.38E-06	6.65E-06	3.10E-05	3.12E-05	1.14E-05	1.14E-05	4.5458E-04
606747.8	4201128.22	65432.40442	0.02659	0.02737	0.07903	0.07985	0.077	0.07708	3.68E-04	6.68E-06	6.96E-06	3.22E-05	3.24E-05	1.12E-05	1.12E-05	4.4633E-04
606767.8	4201128.22	63391.98978	0.0279	0.02874	0.08227	0.08312	0.07574	0.07577	3.57E-04	7.01E-06	7.31E-06	3.35E-05	3.37E-05	1.11E-05	1.10E-05	4.3817E-04
606787.8	4201128.22	61359.74864	0.02927	0.03017	0.08569	0.08659	0.07448	0.07447	3.45E-04	7.35E-06	7.68E-06	3.49E-05	3.51E-05	1.09E-05	1.09E-05	4.3025E-04
606807.8	4201128.22	59347.87401	0.03076	0.03173	0.08937	0.09032	0.07323	0.07319	3.34E-04	7.73E-06	8.07E-06	3.64E-05	3.66E-05	1.07E-05	1.07E-05	4.2271E-04
606827.8	4201128.22	57367.46189	0.03242	0.03346	0.09337	0.0944	0.07199	0.07191	3.23E-04	8.14E-06	8.51E-06	3.80E-05	3.83E-05	1.05E-05	1.05E-05	4.1571E-04
606847.8	4201128.22	55429.34371	0.03429	0.03541	0.09777	0.09889	0.07075	0.07064	3.12E-04	8.61E-06	9.01E-06	3.98E-05	4.01E-05	1.03E-05	1.03E-05	4.0939E-04
606867.8	4201128.22	53552.38629	0.03627	0.03754	0.10227	0.10317	0.06953	0.06939	3.01E-04	9.11E-06	9.55E-06	4.17E-05	4.19E-05	1.02E-05	1.01E-05	4.0344E-04
606887.8	4201128.22	51733.301	0.03913	0.04034	0.10709	0.10837	0.06832	0.06815	2.91E-04	9.83E-06	1.03E-05	4.36E-05	4.40E-05	9.98E-06	9.93E-06	3.9871E-04
606907.8	4201128.22	49980.69694	0.04175	0.04314	0.11266	0.11407	0.06713	0.06693	2.81E-04	1.05E-05	1.10E-05	4.59E-05	4.63E-05	9.80E-06	9.76E-06	3.9480E-04
606927.8	4201128.22	48289.37942	0.04471	0.04627	0.11886	0.12043	0.06595	0.06572	2.72E-04	1.12E-05	1.18E-05	4.84E-05	4.89E-05	9.63E-06	9.58E-06	3.9193E-04
606947.8	4201128.22	46662.95059	0.04794	0.04975	0.12573	0.12743	0.06478	0.06453	2.63E-04	1.20E-05	1.27E-05	5.12E-05	5.17E-05	9.46E-06	9.41E-06	3.9011E-04
606967.8	4201128.22	45101.00746	0.05147	0.05343	0.1334	0.1353	0.06362	0.06336	2.54E-04	1.29E-05	1.36E-05	5.43E-05	5.49E-05	9.29E-06	9.24E-06	3.8946E-04
606987.8	4201128.22	43602.23995	0.05542	0.05757	0.14198	0.14415	0.06249	0.0622	2.45E-04	1.39E-05	1.46E-05	5.78E-05	5.85E-05	9.13E-06	9.07E-06	3.9016E-04
607007.8	4201128.22	42166.39193	0.05987	0.06229	0.15164	0.15408	0.06136	0.06106	2.37E-04	1.50E-05	1.58E-05	6.18E-05	6.25E-05	8.96E-06	8.90E-06	3.9237E-04
607027.8	4201128.22	40791.92875	0.06497	0.06767	0.16258	0.16536	0.06026	0.05995	2.29E-04	1.63E-05	1.72E-05	6.62E-05	6.71E-05	8.80E-06	8.74E-06	3.9632E-04
607047.8	4201128.22	39475.30087	0.07093	0.0739	0.17527	0.17851	0.05917	0.05884	2.22E-04	1.78E-05	1.88E-05	7.14E-05	7.24E-05	8.64E-06	8.58E-06	4.0249E-04
607067.8	4201128.22	38216.72821	0.07787	0.08118	0.18999	0.19382	0.05809	0.05776	2.15E-04	1.96E-05	2.07E-05	7.74E-05	7.86E-05	8.48E-06	8.42E-06	4.1121E-04
607087.8	4201128.22	37013.12917	0.08614	0.08986	0.20731	0.21191	0.05704	0.05669	2.08E-04	2.16E-05	2.29E-05	8.44E-05	8.60E-05	8.33E-06	8.26E-06	4.2312E-04
607107.8	4201128.22	35866.64147	0.09588	0.10011	0.22764	0.23324	0.056	0.05565	2.02E-04	2.41E-05	2.55E-05	9.27E-05	9.46E-05	8.18E-06	8.11E-06	4.3866E-04
607127.8	4201128.22	34771.08371	0.10777	0.11259	0.25215	0.25917	0.05498	0.05462	1.96E-04	2.71E-05	2.86E-05	1.03E-04	1.05E-04	8.03E-06	7.96E-06	4.5916E-04
607147.8	4201128.22	33725.72562	0.12229	0.12793	0.28205	0.29109	0.05398	0.05362	1.90E-04	3.07E-05	3.25E-05	1.15E-04	1.18E-04	7.88E-06	7.82E-06	4.8595E-04
607167.8	4201128.22	32729.81876	0.14003	0.14686	0.31917	0.33111	0.053	0.05263	1.84E-04	3.52E-05	3.74E-05	1.30E-04	1.34E-04	7.74E-06	7.67E-06	5.2098E-04
607187.8	4201128.22	31779.70515	0.16221	0.17079	0.36673	0.383	0.05204	0.05167	1.79E-04	4.07E-05	4.35E-05	1.49E-04	1.55E-04	7.60E-06	7.53E-06	5.6771E-04
607207.8	4201128.22	30873.09771	0.19045	0.20172	0.42971	0.45279	0.0511	0.05072	1.74E-04	4.78E-05	5.13E-05	1.75E-04	1.84E-04	7.46E-06	7.39E-06	6.3154E-04
607227.8	4201128.22	30008.10449	0.22744	0.24295	0.51667	0.55117	0.05017	0.04979	1.69E-04	5.71E-05	6.18E-05	2.10E-04	2.24E-04	7.33E-06	7.26E-06	7.2178E-04
607247.8	4201128.22	29182.60335	0.278	0.30054	0.64378	0.69901	0.04926	0.04888	1.64E-04	6.98E-05	7.65E-05	2.62E-04	2.84E-04	7.19E-06	7.12E-06	8.5623E-04
607267.8	4201128.22	28394.43073	0.35113	0.38671	0.84488	0.94262	0.04838	0.048	1.60E-04	8.82E-05	9.84E-05	3.44E-04	3.82E-04	7.07E-06	7.00E-06	1.0728E-03
607287.8	4201128.22	27641.45372	0.46313	0.52774	1.20172	1.40259	0.04751	0.04713	1.56E-04	1.16E-04	1.34E-04	4.89E-04	5.69E-04	6.94E-06	6.87E-06	1.4645E-03
607307.8	4201128.22	26921.59283	0.63308	0.7709	1.93945	2.44029	0.04665	0.04627	1.51E-04	1.59E-04	1.96E-04	7.90E-04	9.90E-04	6.81E-06	6.74E-06	2.2864E-03
606527.8	4201148.22	78848.91934	0.01669	0.01704	0.05494	0.05548	0.09561	0.09635	4.44E-04	4.19E-06	4.34E-06	2.24E-05	2.25E-05	1.40E-05	1.40E-05	4.9699E-04
606547.8	4201148.22	77559.49903	0.01724	0.01761	0.05655	0.05712	0.09423	0.09487	4.36E-04	4.33E-06	4.48E-06	2.30E-05	2.32E-05	1.38E-05	1.38E-05	4.9134E-04
606567.8	4201148.22	76269.61526	0.01782	0.01821	0.05825	0.05885	0.09283	0.09336	4.29E-04	4.48E-06	4.63E-06	2.37E-05	2.39E-05	1.36E-05	1.36E-05	4.8578E-04
606587.8	4201148.22	74937.28892	0.01844	0.01885	0.06005	0.06069	0.09141	0.09185	4.22E-04	4.63E-06	4.80E-06	2.45E-05	2.46E-05	1.33E-05	1.34E-05	4.8008E-04
606607.8	4201148.22	73583.26952	0.01909	0.01953	0.06198	0.06265	0.08998	0.09035	4.14E-04	4.79E-06	4.97E-06	2.52E-05	2.54E-05	1.31E-05	1.32E-05	4.7438E-04
606627.8	4201148.22	72172.80716	0.01976	0.02022	0.06398	0.06469	0.08855	0.08884	4.06E-04	4.96E-06	5.14E-06	2.61E-05	2.62E-05	1.29E-05	1.29E-05	4.6843E-04
606647.8	4201148.22	70694.72975	0.02053	0.02101	0.06619	0.06694	0.08711	0.08733	3.98E-04	5.16E-06	5.35E-06	2.70E-05	2.72E-05	1.27E-05	1.27E-05	4.6232E-04
606667.8	4201148.22	69138.70221	0.02134	0.02185	0.06854	0.06934	0.08566	0.08583	3.89E-04	5.36E-06	5.56E-06	2.79E-05	2.81E-05	1.25E-05	1.25E-05	4.5592E-04
606687.8	4201148.22	67504.98804	0.02222	0.02277	0.07108	0.07191	0.08421	0.08432	3.80E-04	5.58E-06	5.79E-06	2.90E-05	2.92E-05	1.23E-05	1.23E-05	4.4926E-04
606707.8	4201148.22	65800.46553	0.02317	0.02375	0.07378	0.07465	0.08278	0.08284	3.70E-04	5.82E-06	6.04E-06	3.01E-05	3.03E-05	1.21E-05	1.21E-05	4.4237E-04
606727.8	4201148.22	64039.72828	0.02422	0.02483	0.07668	0.07758	0.08134	0.08135	3.60E-04	6.08E-06	6.32E-06	3.12E-05	3.15E-05	1.19E-05	1.19E-05	4.3537E-04
606747.8	4201148.22	62242.73061	0.02531	0.02597	0.07973	0.08068	0.07991	0.07987	3.50E-04	6.36E-06	6.61E-06	3.25E-05	3.27E-05	1.17E-05	1.16E-05	4.2833E-04
606767.8	4201148.22	60429.1919	0.02646	0.02716	0.08296	0.08395	0.0785	0.07842	3.40E-04	6.65E-06	6.91E-06	3.38E-05	3.41E-05	1.15E-05	1.14E-05	4.2136E-04
606787.8	4201148.22	58601.37682	0.02776	0.02851	0.08647	0.08752	0.07709	0.07698	3.30E-04	6.97E-06	7.25E-06	3.52E-05	3.55E-05	1.13E-05	1.12E-05	4.1462E-04
606807.8	4201148.22	56787.75662	0.02915	0.02995	0.09023	0.09134	0.07571	0.07555	3.19E-04	7.32E-06	7.62E-06	3.68E-05	3.71E-05	1.11E-05	1.10E-05	4.0822E-04
606827.8	4201148.22	54996.68626	0.03069	0.03154	0.09432	0.09552	0.07433	0.07414	3.09E-04	7.71E-06	8.02E-06	3.84E-05	3.87E-05	1.09E-05	1.08E-05	4.0229E-04
606847.8	4201148.22	53241.62303	0.03238	0.03329	0.09877	0.10008	0.07297	0.07275	3.00E-04	8.13E-06	8.47E-06	4.02E-05	4.06E-05	1.07E-05	1.06E-05	3.9695E-04
606867.8	4201148.22	51527.99919	0.03427	0.03529	0.10338	0.10452	0.07162	0.07138	2.90E-04	8.61E-06	8.98E-06	4.21E-05	4.24E-05	1.05E-05	1.04E-05	3.9197E-04
606887.8	4201148.22	49868.7276	0.03678	0.03744	0.10856	0.11005	0.0703	0.07003	2.81E-04	9.24E-06	9.53E-06	4.42E-05	4.46E-05	1.03E-05	1.02E-05	3.8817E-04
606907.8	4201148.22	48259.43017	0.03935	0.04043	0.11423	0.11592	0.069	0.06871	2.71E-04	9.88E-06	1.03E-05	4.65E-05	4.70E-05	1.01E-05	1.00E-05	3.8521E-04
606927.8	4201148.22	46704.38218	0.04206	0.04329	0.1206	0.12248	0.06771	0.0674	2.63E-04	1.06E-05	1.10E-05	4.91E-05	4.97E-05	9.89E-06	9.82E-06	3.8313E-04
606947.8	4201148.22	45203.45796	0.04503	0.04645	0.12768	0.12974	0.06644	0.06611	2.54E-04	1.13E-05	1.18E-05	5.20E-05	5.26E-05	9.70E-06	9.64E-06	3.8206E-04
606967.8	4201148.22	43756.58013	0.04829	0.0498	0.13563	0.13794	0.06519	0.06485	2.46E-04	1.21E-05	1.27E-05	5.52E-05	5.60E-05	9.52E-06	9.45E-06	3.8216E-04
606987.8	4201148.22	42364.20895	0.05189	0.05357	0.14453	0.14713	0.06396	0.06361	2.38E-04	1.30E-05	1.36E-05	5.89E-05	5.97E-05	9.34E-06	9.27E-06	3.8354E-04
607007.8	4201148.22	41026.78595	0.05596	0.05778	0.15449	0.15744	0.06276	0.06239	2.31E-04	1.41E-05	1.47E-05	6.29E-05	6.39E-05	9.17E-06	9.09E-06	3.8635E-04
607027.8	4201148.22	39742.85348	0.06056	0.06256	0.16573	0.16912	0.06157	0.06119	2.24E-04	1.52E-05	1.59E-05	6.75E-05	6.86E-05	8.99E-06	8.92E-06	3.9081E-04
607047.8	4201148.22	38508.41473	0.06595	0.06809	0.17877	0.1827	0.06041	0.06002	2.17E-04	1.66E-05	1.73E-05	7.28E-05	7.41E-05	8.82E-06	8.75E-06	3.9745E-04
607067.8	4201148.22	37324.56701	0.07219	0.07452	0.19388	0.19851	0.05927	0.05887	2.10E-04	1.81E-05	1.90E-05	7.90E-05	8.05E-05	8.66E-06	8.58E-06	4.0656E-04
607087.8	4201148.22	36188.12382	0.07961	0.08217	0.2117	0.21725	0.05814	0.05774	2.04E-04	2.00E-05	2.09E-05	8.62E-05	8.81E-05	8.49E-06	8.42E-06	4.1884E-04
607107.8	4201148.22	35100.63137	0.08838	0.09123	0.23278	0.23952	0.05704	0.05663	1.97E-04	2.22E-05	2.32E-05	9.48E-05	9.72E-05	8.33E-06	8.25E-06	4.3485E-04
607127.8	4201148.22	34058.79077	0.0989	0.10211	0.25819	0.2666	0.05596	0.05555	1.92E-04	2.48E-05	2.60E-05	1.05E-04	1.08E-04	8.17E-06	8.10E-06	4.5573E-04
607147.8	4201148.22	33063.4357	0.1114	0.11515	0.28897	0.29975	0.05491	0.05449	1.86E-04	2.80E-05	2.93E-05	1.18E-04	1.22E-04	8.02E-06	7.94E-06	4.8257E-04
607167.8	4201148.22	32111.12649	0.12648	0.13107	0.32739	0.34158	0.05387	0.05345	1.81E-04	3.18E-05	3.33E-05	1.33E-04	1.39E-04	7.87E-06	7.79E-06	5.1767E-04
607187.8	4201148.22	31200.21907	0.14487	0.15074	0.37665	0.39596	0.05286	0.05244	1.76E-04	3.64E-05	3.84E-05	1.53E-04	1.61E-04	7.72E-06	7.64E-06	5.6429E-04
607207.8	4201148.22	30329.05505	0.16759	0.17548	0.44192	0.46932	0.05187	0.05145	1.71E-04	4.21E-05	4.46E-05	1.80E-04	1.90E-04	7.57E-06	7.50E-06	6.2774E-04
607227.8	4201148.22	29495.90812	0.19633	0.20743	0.53207	0.57313	0.0509	0.05047	1.66E-04	4.93E-05	5.28E-05	2.17E-04	2.32E-04	7.43E-06	7.36E-06	7.1723E-04
607247.8	4201148.22	28699.23394	0.23389	0.25038	0.66377	0.72984	0.04995	0.04953	1.61E-04	5.87E-05	6.37E-05	2.70E-04	2.96E-04	7.29E-06	7.22E-06	8.5032E-04
607267.8	4201148.22	27937.03265	0.28468	0.31105	0.87134	0.98918	0.04902	0.0486	1.57E-04	7.15E-05	7.91E-05	3.55E-04	4.01E-04	7.16E-06	7.08E-06	1.0640E-03
607287.8	4201148.22	27207.83009	0.3548	0.40019	1.23508	1.47896	0.04811	0.04769	1.53E-04	8.91E-05	1.02E-04	5.03E-04	6.00E-04	7.03E-06	6.95E-06	1.4470E-03
607307.8	4201148.22	26507.94422	0.45058	0.53166	1.97295	2.57589	0.04722	0.0468	1.49E-04	1.13E-04	1.35E-04	8.04E-04	1.04E-03	6.90E-06	6.82E-06	2.2461E-03
606527.8	4201168.22	74450.43151	0.01602	0.01632	0.05513	0.05572	0.1009	0.10145	4.19E-04	4.02E-06	4.15E-06	2.25E-05	2.26E-05	1.47E-05	1.48E-05	4.7207E-04
606547.8	4201168.22	73257.10793	0.01653	0.01686	0.05675	0.05737	0.09923	0.0997	4.12E-04	4.15E-06	4.29E-06	2.31E-05	2.33E-05	1.45E-05	1.45E-05	4.6695E-04
606567.8	4201168.22	72058.55315	0.01708	0.01742	0.05845	0.0591	0.09757	0.09795	4.05E-04	4.29E-06	4.43E-06	2.38E-05	2.40E-05	1.42E-05	1.43E-05	4.6188E-04
606587.8	4201168.22	70824.64568	0.01766	0.01802	0.06028	0.06096	0.0959	0.09619	3.98E-04	4.44E-06	4.58E-06	2.46E-05	2.47E-05	1.40E-05	1.40E-05	4.5674E-04
606607.8	4201168.22	69575.7711	0.01828	0.01865	0.06221	0.06294	0.09423	0.09444	3.91E-04	4.59E-06	4.75E-06	2.53E-05	2.55E-05	1.38E-05	1.38E-05	4.5162E-04
606627.8	4201168.22	68279.1385	0.01892	0.01932	0.06425	0.06502	0.09256	0.09271	3.84E-04	4.75E-06	4.92E-06	2.62E-05	2.64E-05	1.35E-05	1.35E-05	4.4633E-04
606647.8	4201168.22	66931.75318	0.01965	0.02006	0.06649	0.06731	0.0909	0.09099	3.77E-04	4.93E-06	5.10E-06	2.71E-05	2.73E-05	1.33E-05	1.33E-05	4.4096E-04
606667.8	4201168.22	65521.26691	0.02043	0.02087	0.06889	0.06976	0.08925	0.08928	3.69E-04	5.13E-06	5.31E-06	2.81E-05	2.83E-05	1.30E-05	1.30E-05	4.3540E-04
606687.8	4201168.22	64053.32769	0.02125	0.02171	0.07144	0.07236	0.08761	0.08759	3.60E-04	5.34E-06	5.52E-06	2.91E-05	2.94E-05	1.28E-05	1.28E-05	4.2966E-04
606707.8	4201168.22	62516.37646	0.02217	0.02266	0.07423	0.07519	0.08599	0.08592	3.52E-04	5.57E-06	5.77E-06	3.02E-05	3.05E-05	1.26E-05	1.25E-05	4.2377E-04
606727.8	4201168.22	60933.55971	0.02318	0.0237	0.07721	0.07822	0.08437	0.08425	3.43E-04	5.82E-06	6.03E-06	3.14E-05	3.17E-05	1.23E-05	1.23E-05	4.1782E-04
606747.8	4201168.22	59320.84526	0.02421	0.02476	0.08032	0.08137	0.08277	0.08261	3.34E-04	6.08E-06	6.30E-06	3.27E-05	3.30E-05	1.21E-05	1.20E-05	4.1182E-04
606767.8	4201168.22	57687.67802	0.02532	0.0259	0.08363	0.08473	0.0812	0.081	3.25E-04	6.36E-06	6.59E-06	3.41E-05	3.44E-05	1.19E-05	1.18E-05	4.0592E-04
606787.8	4201168.22	56044.53034	0.02651	0.02713	0.08717	0.08833	0.07965	0.07942	3.15E-04	6.66E-06	6.90E-06	3.55E-05	3.58E-05	1.16E-05	1.16E-05	4.0019E-04
606807.8	4201168.22	54403.74655	0.02782	0.02847	0.091	0.09223	0.07812	0.07785	3.06E-04	6.99E-06	7.24E-06	3.71E-05	3.74E-05	1.14E-05	1.13E-05	3.9477E-04
606827.8	4201168.22	52781.9888	0.02923	0.02992	0.09511	0.09645	0.07661	0.07632	2.97E-04	7.34E-06	7.61E-06	3.87E-05	3.91E-05	1.12E-05	1.11E-05	3.8975E-04
606847.8	4201168.22	51184.22056	0.03081	0.03154	0.09963	0.10108	0.07512	0.0748	2.88E-04	7.74E-06	8.02E-06	4.06E-05	4.10E-05	1.10E-05	1.09E-05	3.8529E-04
606867.8	4201168.22	49618.09171	0.03258	0.0334	0.10434	0.10568	0.07366	0.07331	2.79E-04	8.18E-06	8.50E-06	4.25E-05	4.29E-05	1.08E-05	1.07E-05	3.8118E-04
606887.8	4201168.22	48094.9025	0.03503	0.03577	0.10971	0.11143	0.07222	0.07185	2.71E-04	8.80E-06	9.10E-06	4.47E-05	4.52E-05	1.05E-05	1.05E-05	3.7835E-04
606907.8	4201168.22	46614.84523	0.03742	0.03828	0.11556	0.11747	0.0708	0.07042	2.62E-04	9.40E-06	9.74E-06	4.71E-05	4.77E-05	1.03E-05	1.03E-05	3.7610E-04
606927.8	4201168.22	45179.60482	0.04001	0.04099	0.12208	0.12418	0.0694	0.06901	2.54E-04	1.00E-05	1.04E-05	4.97E-05	5.04E-05	1.01E-05	1.01E-05	3.7474E-04
606947.8	4201168.22	43794.19851	0.04267	0.04377	0.12936	0.13171	0.06804	0.06763	2.46E-04	1.07E-05	1.11E-05	5.27E-05	5.34E-05	9.94E-06	9.86E-06	3.7434E-04
606967.8	4201168.22	42454.73996	0.04564	0.04682	0.13751	0.14015	0.0667	0.06628	2.39E-04	1.15E-05	1.19E-05	5.60E-05	5.69E-05	9.74E-06	9.66E-06	3.7507E-04
606987.8	4201168.22	41162.09826	0.04897	0.05023	0.14663	0.1496	0.06538	0.06495	2.32E-04	1.23E-05	1.28E-05	5.97E-05	6.07E-05	9.55E-06	9.47E-06	3.7705E-04
607007.8	4201168.22	39915.84061	0.05271	0.05408	0.15685	0.16021	0.0641	0.06365	2.25E-04	1.32E-05	1.38E-05	6.39E-05	6.50E-05	9.36E-06	9.28E-06	3.8043E-04
607027.8	4201168.22	38715.43431	0.05699	0.05845	0.16844	0.17227	0.06283	0.06238	2.18E-04	1.43E-05	1.49E-05	6.86E-05	6.99E-05	9.18E-06	9.09E-06	3.8547E-04
607047.8	4201168.22	37556.23793	0.06202	0.06356	0.18191	0.18637	0.06159	0.06113	2.11E-04	1.56E-05	1.62E-05	7.41E-05	7.56E-05	8.99E-06	8.91E-06	3.9272E-04
607067.8	4201168.22	36443.59974	0.06776	0.0694	0.19742	0.20264	0.06038	0.05992	2.05E-04	1.70E-05	1.77E-05	8.04E-05	8.22E-05	8.82E-06	8.73E-06	4.0231E-04
607087.8	4201168.22	35373.98942	0.07447	0.07623	0.21557	0.22179	0.05919	0.05873	1.99E-04	1.87E-05	1.94E-05	8.78E-05	9.00E-05	8.64E-06	8.56E-06	4.1487E-04
607107.8	4201168.22	34343.70125	0.0825	0.08444	0.23737	0.24491	0.05802	0.05756	1.93E-04	2.07E-05	2.15E-05	9.67E-05	9.93E-05	8.47E-06	8.39E-06	4.3144E-04
607127.8	4201168.22	33356.85534	0.09178	0.09399	0.26334	0.27266	0.05689	0.05642	1.88E-04	2.30E-05	2.39E-05	1.07E-04	1.11E-04	8.31E-06	8.22E-06	4.5248E-04
607147.8	4201168.22	32409.50516	0.10274	0.10538	0.29506	0.30691	0.05578	0.05531	1.82E-04	2.58E-05	2.68E-05	1.20E-04	1.24E-04	8.15E-06	8.06E-06	4.7962E-04
607167.8	4201168.22	31500.5572	0.11568	0.11903	0.33468	0.35016	0.05469	0.05422	1.77E-04	2.91E-05	3.03E-05	1.36E-04	1.42E-04	7.99E-06	7.90E-06	5.1491E-04
607187.8	4201168.22	30628.30469	0.13111	0.13558	0.38565	0.4066	0.05363	0.05316	1.72E-04	3.29E-05	3.45E-05	1.57E-04	1.65E-04	7.83E-06	7.75E-06	5.6174E-04
607207.8	4201168.22	29792.93179	0.14946	0.15569	0.45299	0.48255	0.05259	0.05212	1.68E-04	3.75E-05	3.96E-05	1.85E-04	1.96E-04	7.68E-06	7.60E-06	6.2501E-04
607227.8	4201168.22	28991.71699	0.17198	0.181	0.54633	0.5905	0.05157	0.05111	1.63E-04	4.32E-05	4.61E-05	2.23E-04	2.40E-04	7.53E-06	7.45E-06	7.1440E-04
607247.8	4201168.22	28223.87417	0.20006	0.21369	0.68282	0.75391	0.05058	0.05012	1.59E-04	5.02E-05	5.44E-05	2.78E-04	3.06E-04	7.39E-06	7.31E-06	8.4733E-04
607267.8	4201168.22	27487.81676	0.23573	0.25693	0.89764	1.02478	0.04961	0.04916	1.55E-04	5.92E-05	6.54E-05	3.66E-04	4.16E-04	7.24E-06	7.17E-06	1.0605E-03
607287.8	4201168.22	26781.9351	0.28237	0.3151	1.27431	1.53728	0.04867	0.04821	1.51E-04	7.09E-05	8.02E-05	5.19E-04	6.24E-04	7.11E-06	7.03E-06	1.4444E-03
607307.8	4201168.22	26104.15436	0.3424	0.39319	2.03248	2.67489	0.04774	0.04729	1.47E-04	8.60E-05	1.00E-04	8.28E-04	1.09E-03	6.97E-06	6.89E-06	2.2458E-03
606527.8	4201188.22	70486.67085	0.01542	0.01569	0.0553	0.05592	0.10621	0.10658	3.97E-04	3.87E-06	3.99E-06	2.25E-05	2.27E-05	1.55E-05	1.55E-05	4.4961E-04
606547.8	4201188.22	69379.76204	0.0159	0.01618	0.0569	0.05755	0.10425	0.10453	3.90E-04	3.99E-06	4.12E-06	2.32E-05	2.33E-05	1.52E-05	1.52E-05	4.4494E-04
606567.8	4201188.22	68262.26623	0.01642	0.01672	0.05862	0.05931	0.10231	0.10251	3.84E-04	4.12E-06	4.25E-06	2.39E-05	2.41E-05	1.49E-05	1.49E-05	4.4034E-04
606587.8	4201188.22	67116.5484	0.01697	0.01729	0.06045	0.06118	0.10038	0.1005	3.78E-04	4.26E-06	4.40E-06	2.46E-05	2.48E-05	1.47E-05	1.46E-05	4.3568E-04
606607.8	4201188.22	65961.72555	0.01755	0.01788	0.06238	0.06315	0.09845	0.09851	3.71E-04	4.41E-06	4.55E-06	2.54E-05	2.56E-05	1.44E-05	1.44E-05	4.3106E-04
606627.8	4201188.22	64763.83955	0.01817	0.01852	0.06445	0.06527	0.09656	0.09654	3.64E-04	4.56E-06	4.71E-06	2.63E-05	2.65E-05	1.41E-05	1.41E-05	4.2635E-04
606647.8	4201188.22	63529.95045	0.01886	0.01922	0.06671	0.06758	0.09468	0.0946	3.57E-04	4.74E-06	4.89E-06	2.72E-05	2.74E-05	1.38E-05	1.38E-05	4.2161E-04
606667.8	4201188.22	62246.32126	0.0196	0.01998	0.06913	0.07006	0.09282	0.09268	3.50E-04	4.92E-06	5.08E-06	2.82E-05	2.84E-05	1.36E-05	1.35E-05	4.1676E-04
606687.8	4201188.22	60908.58077	0.02042	0.02082	0.07177	0.07275	0.09096	0.09079	3.43E-04	5.13E-06	5.30E-06	2.92E-05	2.95E-05	1.33E-05	1.32E-05	4.1182E-04
606707.8	4201188.22	59521.86948	0.0213	0.02171	0.07458	0.07562	0.08915	0.08894	3.35E-04	5.35E-06	5.52E-06	3.04E-05	3.07E-05	1.30E-05	1.30E-05	4.0678E-04
606727.8	4201188.22	58095.85402	0.02224	0.02268	0.07759	0.07868	0.08735	0.08709	3.27E-04	5.59E-06	5.77E-06	3.16E-05	3.19E-05	1.28E-05	1.27E-05	4.0171E-04
606747.8	4201188.22	56638.04506	0.02323	0.02369	0.08077	0.08191	0.08558	0.08529	3.19E-04	5.83E-06	6.03E-06	3.29E-05	3.32E-05	1.25E-05	1.24E-05	3.9662E-04
606767.8	4201188.22	55161.39588	0.02429	0.02478	0.08415	0.08534	0.08384	0.08352	3.10E-04	6.10E-06	6.30E-06	3.43E-05	3.46E-05	1.22E-05	1.22E-05	3.9162E-04
606787.8	4201188.22	53672.50312	0.02544	0.02595	0.08776	0.08902	0.08214	0.08178	3.02E-04	6.39E-06	6.60E-06	3.57E-05	3.61E-05	1.20E-05	1.19E-05	3.8679E-04
606807.8	4201188.22	52182.65623	0.02669	0.02723	0.09165	0.09299	0.08046	0.08008	2.94E-04	6.70E-06	6.93E-06	3.73E-05	3.77E-05	1.17E-05	1.17E-05	3.8225E-04
606827.8	4201188.22	50705.71328	0.02803	0.0286	0.09582	0.09726	0.07882	0.07841	2.85E-04	7.04E-06	7.28E-06	3.90E-05	3.95E-05	1.15E-05	1.14E-05	3.7805E-04
606847.8	4201188.22	49246.31479	0.02953	0.03012	0.10039	0.1018	0.0772	0.07678	2.77E-04	7.42E-06	7.66E-06	4.09E-05	4.13E-05	1.13E-05	1.12E-05	3.7431E-04
606867.8	4201188.22	47815.03118	0.0312	0.03182	0.10517	0.10669	0.07562	0.07517	2.69E-04	7.84E-06	8.10E-06	4.28E-05	4.33E-05	1.10E-05	1.10E-05	3.7104E-04
606887.8	4201188.22	46410.88336	0.03366	0.03428	0.11072	0.1126	0.07406	0.0736	2.61E-04	8.45E-06	8.72E-06	4.51E-05	4.57E-05	1.08E-05	1.07E-05	3.6904E-04
606907.8	4201188.22	45046.00424	0.03586	0.03657	0.11671	0.11879	0.07253	0.07205	2.53E-04	9.01E-06	9.30E-06	4.75E-05	4.82E-05	1.06E-05	1.05E-05	3.6745E-04
606927.8	4201188.22	43721.98164	0.03818	0.039	0.12331	0.1256	0.07103	0.07055	2.46E-04	9.59E-06	9.92E-06	5.02E-05	5.09E-05	1.04E-05	1.03E-05	3.6665E-04
606947.8	4201188.22	42437.13792	0.0407	0.04156	0.13078	0.13336	0.06957	0.06907	2.39E-04	1.02E-05	1.06E-05	5.33E-05	5.41E-05	1.02E-05	1.01E-05	3.6690E-04
606967.8	4201188.22	41194.68725	0.04346	0.04438	0.13909	0.14203	0.06814	0.06763	2.32E-04	1.09E-05	1.13E-05	5.67E-05	5.76E-05	9.95E-06	9.86E-06	3.6822E-04
606987.8	4201188.22	39992.56034	0.04657	0.04754	0.14843	0.15174	0.06674	0.06622	2.25E-04	1.17E-05	1.21E-05	6.05E-05	6.16E-05	9.75E-06	9.65E-06	3.7079E-04
607007.8	4201188.22	38830.92682	0.05009	0.05112	0.15888	0.16262	0.06537	0.06485	2.18E-04	1.26E-05	1.30E-05	6.47E-05	6.60E-05	9.55E-06	9.45E-06	3.7472E-04
607027.8	4201188.22	37707.06964	0.05415	0.0552	0.17088	0.17514	0.06402	0.0635	2.12E-04	1.36E-05	1.40E-05	6.96E-05	7.10E-05	9.35E-06	9.26E-06	3.8042E-04
607047.8	4201188.22	36621.85026	0.05882	0.05991	0.18466	0.18956	0.06271	0.06218	2.06E-04	1.48E-05	1.52E-05	7.52E-05	7.69E-05	9.16E-06	9.06E-06	3.8815E-04
607067.8	4201188.22	35576.75309	0.06417	0.06531	0.20052	0.20623	0.06143	0.0609	2.00E-04	1.61E-05	1.66E-05	8.17E-05	8.37E-05	8.97E-06	8.88E-06	3.9821E-04
607087.8	4201188.22	34569.00065	0.07038	0.0716	0.21912	0.22588	0.06017	0.05965	1.94E-04	1.77E-05	1.82E-05	8.93E-05	9.16E-05	8.79E-06	8.69E-06	4.1125E-04
607107.8	4201188.22	33597.55398	0.07761	0.07895	0.24125	0.2494	0.05895	0.05843	1.89E-04	1.95E-05	2.01E-05	9.83E-05	1.01E-04	8.61E-06	8.52E-06	4.2802E-04
607127.8	4201188.22	32662.97048	0.0859	0.08748	0.26783	0.27782	0.05776	0.05724	1.84E-04	2.16E-05	2.23E-05	1.09E-04	1.13E-04	8.43E-06	8.34E-06	4.4937E-04
607147.8	4201188.22	31761.21465	0.09564	0.09764	0.30059	0.31323	0.05659	0.05607	1.79E-04	2.40E-05	2.48E-05	1.22E-04	1.27E-04	8.26E-06	8.17E-06	4.7704E-04
607167.8	4201188.22	30894.12683	0.10686	0.10955	0.34155	0.35792	0.05545	0.05493	1.74E-04	2.68E-05	2.79E-05	1.39E-04	1.45E-04	8.10E-06	8.01E-06	5.1282E-04
607187.8	4201188.22	30061.28311	0.11975	0.12353	0.39403	0.41597	0.05434	0.05382	1.69E-04	3.01E-05	3.14E-05	1.60E-04	1.69E-04	7.94E-06	7.84E-06	5.5985E-04
607207.8	4201188.22	29261.09104	0.13473	0.1402	0.46371	0.49445	0.05326	0.05274	1.65E-04	3.38E-05	3.57E-05	1.89E-04	2.01E-04	7.78E-06	7.69E-06	6.2357E-04
607227.8	4201188.22	28492.03289	0.15241	0.1605	0.56047	0.6061	0.0522	0.05169	1.60E-04	3.83E-05	4.08E-05	2.28E-04	2.46E-04	7.62E-06	7.53E-06	7.1355E-04
607247.8	4201188.22	27754.05043	0.17329	0.18523	0.70128	0.77428	0.05117	0.05067	1.56E-04	4.35E-05	4.71E-05	2.86E-04	3.14E-04	7.47E-06	7.39E-06	8.4651E-04
607267.8	4201188.22	27045.44724	0.19864	0.21573	0.92189	1.05147	0.05017	0.04967	1.52E-04	4.99E-05	5.49E-05	3.75E-04	4.27E-04	7.33E-06	7.24E-06	1.0589E-03
607287.8	4201188.22	26363.91913	0.23124	0.25489	1.31007	1.57568	0.04918	0.04869	1.48E-04	5.81E-05	6.49E-05	5.34E-04	6.39E-04	7.18E-06	7.10E-06	1.4440E-03
607307.8	4201188.22	25708.95699	0.27233	0.30614	2.09956	2.74205	0.04823	0.04774	1.45E-04	6.84E-05	7.79E-05	8.55E-04	1.11E-03	7.04E-06	6.96E-06	2.2584E-03
606527.8	4201208.22	66899.30271	0.01487	0.01511	0.05541	0.05606	0.11155	0.11171	3.76E-04	3.73E-06	3.84E-06	2.26E-05	2.27E-05	1.63E-05	1.63E-05	4.2924E-04
606547.8	4201208.22	65863.11821	0.01534	0.01559	0.05704	0.05772	0.10927	0.10935	3.71E-04	3.85E-06	3.97E-06	2.32E-05	2.34E-05	1.60E-05	1.59E-05	4.2499E-04
606567.8	4201208.22	64822.58384	0.01583	0.01609	0.05874	0.05947	0.10703	0.10703	3.65E-04	3.98E-06	4.09E-06	2.39E-05	2.41E-05	1.56E-05	1.56E-05	4.2079E-04
606587.8	4201208.22	63757.4179	0.01635	0.01663	0.06057	0.06133	0.10482	0.10476	3.59E-04	4.11E-06	4.23E-06	2.47E-05	2.49E-05	1.53E-05	1.53E-05	4.1657E-04

606607.8	4201208.22	62682.8944	0.01691	0.0172	0.06251	0.06332	0.10265	0.10252	3.53E-04	4.25E-06	4.38E-06	2.55E-05	2.57E-05	1.50E-05	1.49E-05	4.1240E-04
606627.8	4201208.22	61572.81285	0.01751	0.01781	0.06461	0.06547	0.10051	0.10031	3.46E-04	4.40E-06	4.53E-06	2.63E-05	2.66E-05	1.47E-05	1.46E-05	4.0819E-04
606647.8	4201208.22	60438.06775	0.01817	0.01848	0.06687	0.06779	0.09838	0.09815	3.40E-04	4.56E-06	4.70E-06	2.72E-05	2.75E-05	1.44E-05	1.43E-05	4.0401E-04
606667.8	4201208.22	59257.08042	0.0189	0.01923	0.06936	0.07034	0.09631	0.09602	3.33E-04	4.75E-06	4.89E-06	2.83E-05	2.85E-05	1.41E-05	1.40E-05	3.9979E-04
606687.8	4201208.22	58040.95178	0.01967	0.02001	0.07198	0.07303	0.09425	0.09393	3.27E-04	4.94E-06	5.09E-06	2.93E-05	2.96E-05	1.38E-05	1.37E-05	3.9549E-04
606707.8	4201208.22	56787.57189	0.02048	0.02083	0.07478	0.07589	0.09225	0.09189	3.19E-04	5.14E-06	5.30E-06	3.05E-05	3.08E-05	1.35E-05	1.34E-05	3.9116E-04
606727.8	4201208.22	55491.84912	0.02138	0.02175	0.07783	0.079	0.09027	0.08987	3.12E-04	5.37E-06	5.53E-06	3.17E-05	3.20E-05	1.32E-05	1.31E-05	3.8683E-04
606747.8	4201208.22	54172.99553	0.02232	0.02271	0.08104	0.08227	0.08833	0.0879	3.05E-04	5.61E-06	5.78E-06	3.30E-05	3.34E-05	1.29E-05	1.28E-05	3.8253E-04
606767.8	4201208.22	52828.86909	0.02335	0.02376	0.08449	0.08577	0.08642	0.08597	2.97E-04	5.86E-06	6.05E-06	3.44E-05	3.48E-05	1.26E-05	1.25E-05	3.7832E-04
606787.8	4201208.22	51475.02324	0.02446	0.02488	0.08815	0.0895	0.08456	0.08408	2.90E-04	6.14E-06	6.33E-06	3.59E-05	3.63E-05	1.23E-05	1.23E-05	3.7427E-04
606807.8	4201208.22	50113.17756	0.02569	0.02613	0.09214	0.09357	0.08273	0.08223	2.82E-04	6.45E-06	6.65E-06	3.75E-05	3.80E-05	1.21E-05	1.20E-05	3.7051E-04
606827.8	4201208.22	48759.79381	0.02702	0.02748	0.09641	0.09793	0.08094	0.08043	2.74E-04	6.79E-06	6.99E-06	3.93E-05	3.97E-05	1.18E-05	1.17E-05	3.6708E-04
606847.8	4201208.22	47420.30381	0.02872	0.02899	0.10094	0.10272	0.0792	0.07866	2.67E-04	7.21E-06	7.38E-06	4.11E-05	4.17E-05	1.16E-05	1.15E-05	3.6414E-04
606867.8	4201208.22	46106.56685	0.03047	0.03088	0.10602	0.10782	0.07749	0.07694	2.59E-04	7.65E-06	7.86E-06	4.32E-05	4.37E-05	1.13E-05	1.12E-05	3.6181E-04
606887.8	4201208.22	44817.58965	0.03236	0.03285	0.11151	0.1135	0.07582	0.07526	2.52E-04	8.13E-06	8.36E-06	4.54E-05	4.60E-05	1.11E-05	1.10E-05	3.6008E-04
606907.8	4201208.22	43555.73187	0.03443	0.03503	0.11759	0.11977	0.07419	0.07362	2.45E-04	8.65E-06	8.91E-06	4.79E-05	4.86E-05	1.08E-05	1.07E-05	3.5907E-04
606927.8	4201208.22	42327.60955	0.03663	0.03728	0.12438	0.12682	0.07259	0.07201	2.38E-04	9.20E-06	9.48E-06	5.07E-05	5.14E-05	1.06E-05	1.05E-05	3.5891E-04
606947.8	4201208.22	41136.78968	0.03898	0.03966	0.13193	0.13469	0.07103	0.07045	2.31E-04	9.79E-06	1.01E-05	5.37E-05	5.46E-05	1.04E-05	1.03E-05	3.5968E-04
606967.8	4201208.22	39981.13677	0.0416	0.04231	0.1404	0.14352	0.0695	0.06892	2.25E-04	1.04E-05	1.08E-05	5.72E-05	5.82E-05	1.01E-05	1.00E-05	3.6154E-04
606987.8	4201208.22	38860.743	0.04455	0.04528	0.14993	0.15343	0.06802	0.06743	2.19E-04	1.12E-05	1.15E-05	6.11E-05	6.22E-05	9.93E-06	9.83E-06	3.6463E-04
607007.8	4201208.22	37776.10999	0.0479	0.04864	0.16063	0.16463	0.06656	0.06598	2.13E-04	1.20E-05	1.24E-05	6.54E-05	6.68E-05	9.72E-06	9.62E-06	3.6913E-04
607027.8	4201208.22	36722.48929	0.0518	0.05254	0.17298	0.17758	0.06514	0.06455	2.07E-04	1.30E-05	1.34E-05	7.05E-05	7.20E-05	9.51E-06	9.41E-06	3.7546E-04
607047.8	4201208.22	35706.98688	0.05617	0.05692	0.18702	0.19231	0.06376	0.06317	2.01E-04	1.41E-05	1.45E-05	7.62E-05	7.80E-05	9.31E-06	9.21E-06	3.8365E-04
607067.8	4201208.22	34724.24897	0.06122	0.062	0.20328	0.20943	0.06241	0.06182	1.95E-04	1.54E-05	1.58E-05	8.28E-05	8.50E-05	9.11E-06	9.01E-06	3.9425E-04
607087.8	4201208.22	33774.1134	0.06703	0.06787	0.22237	0.22965	0.06109	0.06051	1.90E-04	1.68E-05	1.73E-05	9.06E-05	9.32E-05	8.92E-06	8.82E-06	4.0784E-04
607107.8	4201208.22	32859.4415	0.07353	0.07449	0.24481	0.25351	0.05982	0.05923	1.85E-04	1.85E-05	1.90E-05	9.97E-05	1.03E-04	8.74E-06	8.63E-06	4.2483E-04
607127.8	4201208.22	31974.44058	0.08099	0.08222	0.27202	0.28267	0.05857	0.05799	1.80E-04	2.03E-05	2.09E-05	1.11E-04	1.15E-04	8.55E-06	8.45E-06	4.4660E-04
607147.8	4201208.22	31120.52495	0.08942	0.09109	0.30536	0.31864	0.05735	0.05678	1.75E-04	2.25E-05	2.32E-05	1.24E-04	1.29E-04	8.38E-06	8.28E-06	4.7434E-04
607167.8	4201208.22	30296.53512	0.09893	0.10131	0.34711	0.36419	0.05616	0.05559	1.70E-04	2.48E-05	2.58E-05	1.41E-04	1.48E-04	8.20E-06	8.10E-06	5.1018E-04
607187.8	4201208.22	29501.93939	0.10964	0.11314	0.40095	0.42364	0.055	0.05444	1.66E-04	2.75E-05	2.88E-05	1.63E-04	1.72E-04	8.03E-06	7.93E-06	5.5745E-04
607207.8	4201208.22	28735.17984	0.12191	0.12708	0.47316	0.50475	0.05387	0.05332	1.62E-04	3.06E-05	3.23E-05	1.93E-04	2.05E-04	7.87E-06	7.77E-06	6.2208E-04
607227.8	4201208.22	27998.71049	0.13558	0.14307	0.57245	0.61887	0.05278	0.05223	1.58E-04	3.41E-05	3.64E-05	2.33E-04	2.51E-04	7.71E-06	7.61E-06	7.1217E-04
607247.8	4201208.22	27289.3693	0.15153	0.16192	0.71796	0.79163	0.05171	0.05116	1.54E-04	3.81E-05	4.12E-05	2.92E-04	3.21E-04	7.55E-06	7.46E-06	8.4633E-04
607267.8	4201208.22	26608.86148	0.17012	0.18364	0.94285	1.07121	0.05067	0.05013	1.50E-04	4.27E-05	4.67E-05	3.84E-04	4.35E-04	7.40E-06	7.31E-06	1.0577E-03
607287.8	4201208.22	25951.20829	0.1944	0.21185	1.34409	1.60397	0.04965	0.04912	1.46E-04	4.88E-05	5.39E-05	5.47E-04	6.51E-04	7.25E-06	7.16E-06	1.4468E-03
607307.8	4201208.22	25318.75465	0.22396	0.24764	2.16176	2.7811	0.04866	0.04814	1.42E-04	5.62E-05	6.30E-05	8.81E-04	1.13E-03	7.11E-06	7.02E-06	2.2703E-03
606527.8	4201228.22	63630.31668	0.01437	0.01459	0.0555	0.05618	0.11686	0.11679	3.58E-04	3.61E-06	3.71E-06	2.26E-05	2.28E-05	1.71E-05	1.70E-05	4.1068E-04
606547.8	4201228.22	62663.3302	0.01482	0.01505	0.05712	0.05784	0.11426	0.11412	3.53E-04	3.72E-06	3.83E-06	2.33E-05	2.35E-05	1.67E-05	1.66E-05	4.0680E-04
606567.8	4201228.22	61688.25015	0.0153	0.01554	0.05885	0.05961	0.11171	0.1115	3.47E-04	3.84E-06	3.95E-06	2.40E-05	2.42E-05	1.63E-05	1.63E-05	4.0299E-04
606587.8	4201228.22	60698.33136	0.01579	0.01603	0.06064	0.06144	0.10922	0.10895	3.41E-04	3.97E-06	4.08E-06	2.47E-05	2.49E-05	1.59E-05	1.59E-05	3.9914E-04
606607.8	4201228.22	59694.56575	0.01634	0.01659	0.06262	0.06346	0.10677	0.10645	3.36E-04	4.10E-06	4.22E-06	2.55E-05	2.57E-05	1.56E-05	1.55E-05	3.9540E-04
606627.8	4201228.22	58664.37526	0.01692	0.01718	0.06472	0.06562	0.10438	0.10401	3.30E-04	4.25E-06	4.37E-06	2.64E-05	2.66E-05	1.52E-05	1.52E-05	3.9163E-04
606647.8	4201228.22	57612.07841	0.01757	0.01784	0.06702	0.06798	0.10203	0.10162	3.24E-04	4.41E-06	4.54E-06	2.73E-05	2.76E-05	1.49E-05	1.48E-05	3.8793E-04
606667.8	4201228.22	56527.79625	0.01826	0.01855	0.06949	0.07052	0.09973	0.09927	3.18E-04	4.59E-06	4.72E-06	2.83E-05	2.86E-05	1.46E-05	1.45E-05	3.8422E-04
606687.8	4201228.22	55415.99757	0.01898	0.01928	0.0721	0.0732	0.09747	0.09699	3.12E-04	4.77E-06	4.91E-06	2.94E-05	2.97E-05	1.42E-05	1.41E-05	3.8049E-04
606707.8	4201228.22	54271.74434	0.01975	0.02006	0.07491	0.07607	0.09528	0.09476	3.05E-04	4.96E-06	5.10E-06	3.05E-05	3.09E-05	1.39E-05	1.38E-05	3.7675E-04
606727.8	4201228.22	53093.59797	0.0206	0.02092	0.07795	0.07918	0.09311	0.09256	2.99E-04	5.17E-06	5.32E-06	3.17E-05	3.21E-05	1.36E-05	1.35E-05	3.7305E-04
606747.8	4201228.22	51889.18128	0.02153	0.02186	0.08122	0.08252	0.09099	0.09042	2.92E-04	5.41E-06	5.56E-06	3.31E-05	3.35E-05	1.33E-05	1.32E-05	3.6944E-04
606767.8	4201228.22	50663.1852	0.02253	0.02287	0.08472	0.08608	0.08892	0.08833	2.85E-04	5.66E-06	5.82E-06	3.45E-05	3.49E-05	1.30E-05	1.29E-05	3.6592E-04
606787.8	4201228.22	49425.13884	0.02362	0.02397	0.08846	0.08989	0.08689	0.08629	2.78E-04	5.93E-06	6.10E-06	3.60E-05	3.65E-05	1.27E-05	1.26E-05	3.6258E-04
606807.8	4201228.22	48178.97448	0.02482	0.02518	0.0925	0.09402	0.08492	0.0843	2.71E-04	6.23E-06	6.41E-06	3.77E-05	3.81E-05	1.24E-05	1.23E-05	3.5950E-04
606827.8	4201228.22	46937.65273	0.02611	0.02648	0.09686	0.09844	0.08299	0.08236	2.64E-04	6.56E-06	6.74E-06	3.95E-05	3.99E-05	1.21E-05	1.20E-05	3.5674E-04
606847.8	4201228.22	45707.69694	0.02786	0.02795	0.10166	0.10335	0.08111	0.08047	2.57E-04	7.00E-06	7.11E-06	4.14E-05	4.19E-05	1.18E-05	1.17E-05	3.5458E-04
606867.8	4201228.22	44493.17222	0.02958	0.02998	0.10663	0.10852	0.07928	0.07863	2.50E-04	7.43E-06	7.63E-06	4.34E-05	4.40E-05	1.16E-05	1.15E-05	3.5281E-04
606887.8	4201228.22	43296.56907	0.03146	0.0319	0.11221	0.11426	0.07749	0.07683	2.44E-04	7.90E-06	8.12E-06	4.57E-05	4.63E-05	1.13E-05	1.12E-05	3.5164E-04
606907.8	4201228.22	42137.43891	0.03322	0.03368	0.11829	0.12054	0.07576	0.0751	2.37E-04	8.34E-06	8.57E-06	4.82E-05	4.89E-05	1.11E-05	1.09E-05	3.5104E-04
606927.8	4201228.22	41000.31392	0.03523	0.03574	0.12514	0.1277	0.07407	0.0734	2.31E-04	8.85E-06	9.09E-06	5.10E-05	5.18E-05	1.08E-05	1.07E-05	3.5137E-04
606947.8	4201228.22	39890.87675	0.03749	0.03801	0.13282	0.13572	0.07241	0.07174	2.24E-04	9.42E-06	9.67E-06	5.41E-05	5.51E-05	1.06E-05	1.05E-05	3.5265E-04
606967.8	4201228.22	38812.01945	0.04003	0.04056	0.14142	0.14475	0.07079	0.07013	2.18E-04	1.01E-05	1.03E-05	5.76E-05	5.87E-05	1.03E-05	1.02E-05	3.5504E-04
606987.8	4201228.22	37766.99298	0.04285	0.04338	0.15105	0.15479	0.06922	0.06856	2.12E-04	1.08E-05	1.10E-05	6.15E-05	6.28E-05	1.01E-05	9.99E-06	3.5858E-04
607007.8	4201228.22	36750.84139	0.04609	0.0466	0.16206	0.16635	0.06769	0.06703	2.07E-04	1.16E-05	1.19E-05	6.60E-05	6.75E-05	9.89E-06	9.77E-06	3.6367E-04
607027.8	4201228.22	35762.91405	0.04983	0.05033	0.17476	0.17968	0.06619	0.06553	2.01E-04	1.25E-05	1.28E-05	7.12E-05	7.29E-05	9.67E-06	9.55E-06	3.7058E-04
607047.8	4201228.22	34810.9962	0.05397	0.05447	0.18904	0.1947	0.06474	0.06408	1.96E-04	1.36E-05	1.39E-05	7.70E-05	7.90E-05	9.45E-06	9.34E-06	3.7923E-04
607067.8	4201228.22	33888.34348	0.0587	0.05922	0.20557	0.21217	0.06333	0.06268	1.91E-04	1.47E-05	1.51E-05	8.37E-05	8.61E-05	9.25E-06	9.14E-06	3.9025E-04
607087.8	4201228.22	32994.92108	0.06404	0.06462	0.22495	0.23275	0.06195	0.06131	1.86E-04	1.61E-05	1.64E-05	9.16E-05	9.44E-05	9.05E-06	8.94E-06	4.0418E-04
607107.8	4201228.22	32132.09283	0.06994	0.07068	0.24781	0.25707	0.06062	0.05998	1.81E-04	1.76E-05	1.80E-05	1.01E-04	1.04E-04	8.85E-06	8.74E-06	4.2153E-04
607127.8	4201228.22	31294.32096	0.07662	0.07767	0.27567	0.28696	0.05931	0.05868	1.76E-04	1.92E-05	1.98E-05	1.12E-04	1.16E-04	8.66E-06	8.55E-06	4.4374E-04
607147.8	4201228.22	30487.25819	0.08381	0.08535	0.30935	0.32332	0.05805	0.05743	1.72E-04	2.10E-05	2.17E-05	1.26E-04	1.31E-04	8.48E-06	8.37E-06	4.7143E-04
607167.8	4201228.22	29702.56869	0.09196	0.09429	0.35238	0.37025	0.05681	0.05619	1.67E-04	2.31E-05	2.40E-05	1.44E-04	1.50E-04	8.30E-06	8.19E-06	5.0790E-04
607187.8	4201228.22	28945.99577	0.10075	0.10423	0.40744	0.43099	0.05561	0.055	1.63E-04	2.53E-05	2.65E-05	1.66E-04	1.75E-04	8.12E-06	8.02E-06	5.5545E-04
607207.8	4201228.22	28214.13429	0.11053	0.11556	0.48124	0.51384	0.05444	0.05384	1.59E-04	2.78E-05	2.94E-05	1.96E-04	2.08E-04	7.95E-06	7.85E-06	6.2034E-04
607227.8	4201228.22	27509.56449	0.1212	0.12807	0.58263	0.63015	0.0533	0.05271	1.55E-04	3.04E-05	3.26E-05	2.37E-04	2.56E-04	7.78E-06	7.68E-06	7.1072E-04
607247.8	4201228.22	26828.78729	0.13378	0.14256	0.73206	0.80673	0.05219	0.05161	1.51E-04	3.36E-05	3.63E-05	2.98E-04	3.27E-04	7.62E-06	7.52E-06	8.4623E-04
607267.8	4201228.22	26174.0183	0.14861	0.15933	0.9652	1.0936	0.05112	0.05055	1.47E-04	3.73E-05	4.05E-05	3.93E-04	4.44E-04	7.47E-06	7.37E-06	1.0619E-03
607287.8	4201228.22	25542.6279	0.16682	0.18007	1.37476	1.62564	0.05008	0.04951	1.44E-04	4.19E-05	4.58E-05	5.60E-04	6.59E-04	7.31E-06	7.22E-06	1.4508E-03
607307.8	4201228.22	24932.68364	0.18887	0.2063	2.21814	2.80646	0.04906	0.0485	1.40E-04	4.74E-05	5.25E-05	9.03E-04	1.14E-03	7.16E-06	7.07E-06	2.2821E-03
606527.8	4201248.22	60639.91143	0.01391	0.01411	0.05555	0.05626	0.12208	0.1218	3.41E-04	3.49E-06	3.59E-06	2.26E-05	2.28E-05	1.78E-05	1.78E-05	3.9367E-04
606547.8	4201248.22	59733.99603	0.01435	0.01456	0.05719	0.05794	0.11918	0.11881	3.36E-04	3.60E-06	3.70E-06	2.33E-05	2.35E-05	1.74E-05	1.73E-05	3.9015E-04
606567.8	4201248.22	58820.23509	0.01483	0.01503	0.05894	0.05972	0.11632	0.11589	3.31E-04	3.72E-06	3.82E-06	2.40E-05	2.42E-05	1.70E-05	1.69E-05	3.8669E-04
606587.8	4201248.22	57892.78291	0.01531	0.01553	0.06076	0.06159	0.11353	0.11305	3.26E-04	3.85E-06	3.95E-06	2.47E-05	2.50E-05	1.66E-05	1.65E-05	3.8322E-04
606607.8	4201248.22	56959.06843	0.01583	0.01605	0.0627	0.06358	0.11082	0.1103	3.20E-04	3.98E-06	4.08E-06	2.55E-05	2.58E-05	1.62E-05	1.61E-05	3.7982E-04
606627.8	4201248.22	55996.2203	0.01641	0.01664	0.06485	0.06579	0.10818	0.10761	3.15E-04	4.12E-06	4.23E-06	2.64E-05	2.67E-05	1.58E-05	1.57E-05	3.7647E-04
606647.8	4201248.22	55021.18315	0.01703	0.01727	0.06714	0.06814	0.10558	0.10498	3.10E-04	4.28E-06	4.39E-06	2.73E-05	2.76E-05	1.54E-05	1.53E-05	3.7319E-04
606667.8	4201248.22	54025.33772	0.01767	0.01792	0.06955	0.07062	0.10307	0.10243	3.04E-04	4.44E-06	4.56E-06	2.83E-05	2.86E-05	1.51E-05	1.49E-05	3.6990E-04
606687.8	4201248.22	53002.94841	0.01836	0.01861	0.07215	0.07329	0.1006	0.09995	2.98E-04	4.61E-06	4.73E-06	2.94E-05	2.97E-05	1.47E-05	1.46E-05	3.6664E-04
606707.8	4201248.22	51947.12464	0.01914	0.0194	0.07503	0.07624	0.09819	0.09752	2.92E-04	4.81E-06	4.94E-06	3.06E-05	3.09E-05	1.43E-05	1.42E-05	3.6347E-04
606727.8	4201248.22	50869.84039	0.01995	0.02022	0.07806	0.07934	0.09584	0.09515	2.86E-04	5.01E-06	5.14E-06	3.18E-05	3.22E-05	1.40E-05	1.39E-05	3.6031E-04
606747.8	4201248.22	49768.68817	0.02084	0.02112	0.08134	0.0827	0.09355	0.09284	2.80E-04	5.23E-06	5.37E-06	3.31E-05	3.35E-05	1.37E-05	1.35E-05	3.5727E-04
606767.8	4201248.22	48644.2752	0.02183	0.02212	0.08489	0.08633	0.09131	0.09058	2.74E-04	5.48E-06	5.63E-06	3.46E-05	3.50E-05	1.33E-05	1.32E-05	3.5436E-04
606787.8	4201248.22	47514.24511	0.02286	0.02315	0.08862	0.09013	0.08914	0.0884	2.67E-04	5.74E-06	5.89E-06	3.61E-05	3.66E-05	1.30E-05	1.29E-05	3.5159E-04
606807.8	4201248.22	46368.97177	0.02405	0.02434	0.09274	0.09434	0.08701	0.08627	2.61E-04	6.04E-06	6.19E-06	3.78E-05	3.83E-05	1.27E-05	1.26E-05	3.4913E-04
606827.8	4201248.22	45228.00435	0.0253	0.0256	0.0972	0.09896	0.08495	0.0842	2.54E-04	6.35E-06	6.51E-06	3.96E-05	4.01E-05	1.24E-05	1.23E-05	3.4704E-04
606847.8	4201248.22	44093.83007	0.02709	0.02731	0.10203	0.10384	0.08294	0.08219	2.48E-04	6.80E-06	6.95E-06	4.16E-05	4.21E-05	1.21E-05	1.20E-05	3.4549E-04
606867.8	4201248.22	42974.28077	0.02865	0.02895	0.10706	0.109	0.08099	0.08024	2.42E-04	7.20E-06	7.37E-06	4.36E-05	4.42E-05	1.18E-05	1.17E-05	3.4414E-04
606887.8	4201248.22	41868.09205	0.03038	0.03073	0.11263	0.11477	0.07909	0.07833	2.36E-04	7.63E-06	7.82E-06	4.59E-05	4.66E-05	1.15E-05	1.14E-05	3.4342E-04
606907.8	4201248.22	40785.38232	0.03215	0.03254	0.11887	0.12125	0.07725	0.07649	2.29E-04	8.07E-06	8.28E-06	4.84E-05	4.92E-05	1.13E-05	1.11E-05	3.4340E-04
606927.8	4201248.22	39726.07358	0.0341	0.0345	0.12581	0.12848	0.07545	0.07469	2.23E-04	8.56E-06	8.78E-06	5.12E-05	5.21E-05	1.10E-05	1.09E-05	3.4419E-04
606947.8	4201248.22	38696.72389	0.03623	0.03661	0.13346	0.13647	0.07371	0.07296	2.18E-04	9.10E-06	9.31E-06	5.44E-05	5.54E-05	1.08E-05	1.06E-05	3.4583E-04
606967.8	4201248.22	37692.12357	0.03863	0.039	0.14211	0.14556	0.07201	0.07126	2.12E-04	9.70E-06	9.92E-06	5.79E-05	5.90E-05	1.05E-05	1.04E-05	3.4860E-04
606987.8	4201248.22	36713.90946	0.04136	0.04172	0.15181	0.15575	0.07036	0.06961	2.07E-04	1.04E-05	1.06E-05	6.18E-05	6.32E-05	1.03E-05	1.01E-05	3.5256E-04
607007.8	4201248.22	35759.22588	0.04453	0.04486	0.1631	0.1676	0.06874	0.068	2.01E-04	1.12E-05	1.14E-05	6.64E-05	6.80E-05	1.00E-05	9.91E-06	3.5819E-04
607027.8	4201248.22	34832.42907	0.04812	0.04843	0.17602	0.1812	0.06717	0.06644	1.96E-04	1.21E-05	1.23E-05	7.17E-05	7.35E-05	9.81E-06	9.68E-06	3.6556E-04
607047.8	4201248.22	33937.47303	0.05208	0.05239	0.19058	0.19661	0.06565	0.06493	1.91E-04	1.31E-05	1.33E-05	7.76E-05	7.98E-05	9.59E-06	9.46E-06	3.7471E-04
607067.8	4201248.22	33071.32487	0.05646	0.0568	0.20734	0.21435	0.06418	0.06347	1.86E-04	1.42E-05	1.45E-05	8.45E-05	8.70E-05	9.37E-06	9.25E-06	3.8608E-04
607087.8	4201248.22	32229.44014	0.06138	0.06182	0.22707	0.23535	0.06274	0.06204	1.81E-04	1.54E-05	1.57E-05	9.25E-05	9.55E-05	9.16E-06	9.04E-06	4.0041E-04
607107.8	4201248.22	31414.85787	0.06672	0.06737	0.25041	0.26025	0.06135	0.06066	1.77E-04	1.68E-05	1.71E-05	1.02E-04	1.06E-04	8.96E-06	8.84E-06	4.1819E-04
607127.8	4201248.22	30623.2185	0.07259	0.07361	0.27877	0.29071	0.06	0.05931	1.72E-04	1.82E-05	1.87E-05	1.14E-04	1.18E-04	8.76E-06	8.64E-06	4.4071E-04
607147.8	4201248.22	29856.52695	0.07889	0.08047	0.31355	0.3283	0.05868	0.05801	1.68E-04	1.98E-05	2.05E-05	1.28E-04	1.33E-04	8.57E-06	8.46E-06	4.6914E-04
607167.8	4201248.22	29114.66282	0.08552	0.08793	0.35692	0.37565	0.0574	0.05674	1.64E-04	2.15E-05	2.24E-05	1.45E-04	1.52E-04	8.38E-06	8.27E-06	5.0540E-04
607187.8	4201248.22	28394.82085	0.09266	0.09618	0.4131	0.43773	0.05616	0.05551	1.60E-04	2.33E-05	2.45E-05	1.68E-04	1.78E-04	8.20E-06	8.09E-06	5.5331E-04
607207.8	4201248.22	27697.66138	0.10041	0.10522	0.48799	0.52184	0.05495	0.05431	1.56E-04	2.52E-05	2.68E-05	1.99E-04	2.12E-04	8.02E-06	7.92E-06	6.1825E-04
607227.8	4201248.22	27024.4462	0.10894	0.11503	0.59095	0.64002	0.05378	0.05314	1.52E-04	2.74E-05	2.93E-05	2.41E-04	2.60E-04	7.85E-06	7.75E-06	7.0898E-04
607247.8	4201248.22	26373.7891	0.11891	0.12616	0.74098	0.81719	0.05264	0.05202	1.48E-04	2.99E-05	3.21E-05	3.02E-04	3.31E-04	7.69E-06	7.58E-06	8.4364E-04
607267.8	4201248.22	25743.61222	0.13127	0.13982	0.98076	1.10993	0.05153	0.05092	1.45E-04	3.30E-05	3.56E-05	3.99E-04	4.50E-04	7.53E-06	7.42E-06	1.0631E-03
607287.8	4201248.22	25136.98998	0.14564	0.156	1.39624	1.64278	0.05045	0.04985	1.41E-04	3.66E-05	3.97E-05	5.69E-04	6.66E-04	7.37E-06	7.27E-06	1.4528E-03
607307.8	4201248.22	24549.94405	0.16239	0.17574	2.25472	2.82471	0.0494	0.04882	1.38E-04	4.08E-05	4.47E-05	9.18E-04	1.15E-03	7.21E-06	7.12E-06	2.2878E-03
606527.8	4201268.22	57888.05394	0.0135	0.01367	0.0556	0.05633	0.12725	0.12671	3.26E-04	3.39E-06	3.48E-06	2.26E-05	2.29E-05	1.86E-05	1.85E-05	3.7803E-04
606547.8	4201268.22	57040.30246	0.01393	0.01411	0.05724	0.05802	0.12399	0.12339	3.21E-04	3.50E-06	3.59E-06	2.33E-05	2.35E-05	1.81E-05	1.80E-05	3.7483E-04
606567.8	4201268.22	56185.07133	0.01439	0.01457	0.059	0.05981	0.12083	0.12017	3.16E-04	3.61E-06	3.71E-06	2.40E-05	2.43E-05	1.76E-05	1.75E-05	3.7169E-04
606587.8	4201268.22	55315.89912	0.01487	0.01506	0.06085	0.0617	0.11775	0.11705	3.11E-04	3.73E-06	3.83E-06	2.48E-05	2.50E-05	1.72E-05	1.71E-05	3.6857E-04
606607.8	4201268.22	54439.20148	0.01539	0.01559	0.06284	0.06374	0.11477	0.11404	3.06E-04	3.87E-06	3.97E-06	2.56E-05	2.59E-05	1.68E-05	1.66E-05	3.6554E-04
606627.8	4201268.22	53545.49811	0.01594	0.01614	0.06494	0.0659	0.11186	0.1111	3.01E-04	4.00E-06	4.11E-06	2.65E-05	2.67E-05	1.63E-05	1.62E-05	3.6252E-04
606647.8	4201268.22	52640.41397	0.01653	0.01674	0.0672	0.06823	0.10903	0.10824	2.96E-04	4.15E-06	4.26E-06	2.74E-05	2.77E-05	1.59E-05	1.58E-05	3.5960E-04
606667.8	4201268.22	51717.13405	0.01715	0.01737	0.0696	0.0707	0.10629	0.10548	2.91E-04	4.31E-06	4.42E-06	2.83E-05	2.87E-05	1.55E-05	1.54E-05	3.5670E-04
606687.8	4201268.22	50765.48468	0.01786	0.01808	0.07229	0.07346	0.10359	0.10277	2.86E-04	4.49E-06	4.60E-06	2.94E-05	2.98E-05	1.51E-05	1.50E-05	3.5392E-04
606707.8	4201268.22	49797.21152	0.0186	0.01882	0.0751	0.07635	0.101	0.10016	2.80E-04	4.67E-06	4.79E-06	3.06E-05	3.10E-05	1.47E-05	1.46E-05	3.5116E-04
606727.8	4201268.22	48802.4997	0.01941	0.01964	0.07818	0.07952	0.09845	0.09761	2.75E-04	4.87E-06	5.00E-06	3.18E-05	3.23E-05	1.44E-05	1.42E-05	3.4852E-04
606747.8	4201268.22	47787.54965	0.02031	0.02054	0.08152	0.08293	0.09598	0.09513	2.69E-04	5.10E-06	5.23E-06	3.32E-05	3.36E-05	1.40E-05	1.39E-05	3.4601E-04
606767.8	4201268.22	46766.39471	0.0212	0.02143	0.08494	0.08644	0.0936	0.09274	2.63E-04	5.32E-06	5.45E-06	3.46E-05	3.51E-05	1.37E-05	1.35E-05	3.4353E-04
606787.8	4201268.22	45727.19952	0.0222	0.02244	0.08869	0.09026	0.09127	0.09041	2.57E-04	5.58E-06	5.71E-06	3.61E-05	3.66E-05	1.33E-05	1.32E-05	3.4127E-04
606807.8	4201268.22	44675.18356	0.02334	0.02358	0.0928	0.09447	0.08901	0.08814	2.51E-04	5.86E-06	6.00E-06	3.78E-05	3.83E-05	1.30E-05	1.28E-05	3.3931E-04
606827.8	4201268.22	43623.51489	0.02456	0.0248	0.09723	0.0992	0.08681	0.08594	2.45E-04	6.17E-06	6.31E-06	3.96E-05	4.02E-05	1.27E-05	1.25E-05	3.3773E-04
606847.8	4201268.22	42575.86953	0.02623	0.02637	0.10229	0.10419	0.08468	0.08381	2.40E-04	6.59E-06	6.71E-06	4.17E-05	4.23E-05	1.24E-05	1.22E-05	3.3674E-04
606867.8	4201268.22	41537.66857	0.0278	0.02803	0.10732	0.10937	0.08261	0.08175	2.34E-04	6.98E-06	7.13E-06	4.37E-05	4.44E-05	1.21E-05	1.19E-05	3.3587E-04
606887.8	4201268.22	40512.06391	0.02944	0.02972	0.11291	0.11512	0.0806	0.07974	2.28E-04	7.39E-06	7.56E-06	4.60E-05	4.67E-05	1.18E-05	1.16E-05	3.3555E-04
606907.8	4201268.22	39504.88463	0.03115	0.03145	0.11917	0.12163	0.07865	0.0778	2.22E-04	7.82E-06	8.00E-06	4.85E-05	4.93E-05	1.15E-05	1.13E-05	3.3595E-04
606927.8	4201268.22	38518.29685	0.03304	0.03332	0.12613	0.12888	0.07676	0.07591	2.17E-04	8.30E-06	8.48E-06	5.14E-05	5.23E-05	1.12E-05	1.11E-05	3.3712E-04
606947.8	4201268.22	37554.2457	0.03513	0.03539	0.13391	0.137	0.07492	0.07409	2.11E-04	8.82E-06	9.00E-06	5.45E-05	5.56E-05	1.09E-05	1.08E-05	3.3921E-04
606967.8	4201268.22	36614.11027	0.03747	0.03771	0.14263	0.14613	0.07314	0.07231	2.06E-04	9.41E-06	9.59E-06	5.81E-05	5.93E-05	1.07E-05	1.05E-05	3.4236E-04
606987.8	4201268.22	35697.2852	0.04013	0.04034	0.15242	0.15642	0.0714	0.07059	2.01E-04	1.01E-05	1.03E-05	6.21E-05	6.35E-05	1.04E-05	1.03E-05	3.4670E-04
607007.8	4201268.22	34800.31664	0.0432	0.04338	0.16384	0.16851	0.06971	0.06891	1.96E-04	1.08E-05	1.10E-05	6.67E-05	6.84E-05	1.02E-05	1.00E-05	3.5275E-04
607027.8	4201268.22	33930.08316	0.04663	0.0468	0.17687	0.18226	0.06807	0.06728	1.91E-04	1.17E-05	1.19E-05	7.20E-05	7.39E-05	9.94E-06	9.81E-06	3.6047E-04
607047.8	4201268.22	33089.72181	0.05034	0.05052	0.19158	0.19786	0.06649	0.06571	1.86E-04	1.26E-05	1.29E-05	7.80E-05	8.03E-05	9.71E-06	9.58E-06	3.6994E-04
607067.8	4201268.22	32271.60541	0.05448	0.05473	0.20872	0.21611	0.06495	0.06418	1.82E-04	1.37E-05	1.39E-05	8.50E-05	8.77E-05	9.48E-06	9.35E-06	3.8184E-04
607087.8	4201268.22	31480.43791	0.05889	0.05929	0.22864	0.23732	0.06347	0.06271	1.77E-04	1.48E-05	1.51E-05	9.31E-05	9.63E-05	9.27E-06	9.14E-06	3.9637E-04
607107.8	4201268.22	30711.78514	0.06363	0.0643	0.2523	0.26265	0.06202	0.06128	1.73E-04	1.60E-05	1.64E-05	1.03E-04	1.07E-04	9.06E-06	8.93E-06	4.1442E-04
607127.8	4201268.22	29962.48147	0.06877	0.06987	0.28122	0.29384	0.06062	0.05988	1.69E-04	1.73E-05	1.78E-05	1.15E-04	1.19E-04	8.85E-06	8.73E-06	4.3735E-04
607147.8	4201268.22	29232.61732	0.07429	0.07602	0.3174	0.33301	0.05925	0.05853	1.64E-04	1.87E-05	1.93E-05	1.29E-04	1.35E-04	8.65E-06	8.53E-06	4.6682E-04
607167.8	4201268.22	28531.80552	0.0796	0.08214	0.36108	0.3808	0.05793	0.05723	1.61E-04	2.00E-05	2.09E-05	1.47E-04	1.54E-04	8.46E-06	8.34E-06	5.0294E-04
607187.8	4201268.22	27849.15478	0.08527	0.08876	0.41782	0.44363	0.05665	0.05596	1.57E-04	2.14E-05	2.26E-05	1.70E-04	1.80E-04	8.27E-06	8.16E-06	5.5081E-04
607207.8	4201268.22	27184.45247	0.09163	0.09608	0.49431	0.52963	0.0554	0.05472	1.53E-04	2.30E-05	2.44E-05	2.01E-04	2.15E-04	8.09E-06	7.98E-06	6.1657E-04
607227.8	4201268.22	26540.85957	0.09881	0.10408	0.59971	0.6508	0.05419	0.05352	1.49E-04	2.48E-05	2.65E-05	2.44E-04	2.64E-04	7.91E-06	7.80E-06	7.0887E-04
607247.8	4201268.22	25919.76289	0.10703	0.11301	0.75095	0.82959	0.05302	0.05237	1.46E-04	2.69E-05	2.88E-05	3.06E-04	3.37E-04	7.74E-06	7.63E-06	8.4384E-04
607267.8	4201268.22	25315.65215	0.11727	0.12423	0.99142	1.12154	0.05188	0.05124	1.42E-04	2.95E-05	3.16E-05	4.04E-04	4.55E-04	7.58E-06	7.47E-06	1.0622E-03
607287.8	4201268.22	24733.56025	0.12866	0.13714	1.40498	1.65468	0.05078	0.05015	1.39E-04	3.23E-05	3.49E-05	5.72E-04	6.71E-04	7.42E-06	7.31E-06	1.4498E-03
607307.8	4201268.22	24171.1412	0.1417	0.15214	2.25491	2.83758	0.04971	0.04909	1.36E-04	3.56E-05	3.87E-05	9.18E-04	1.15E-03	7.26E-06	7.16E-06	2.2798E-03
606527.8	4201288.22	55346.23773	0.0131	0.01326	0.05561	0.05636	0.13232	0.1315	3.11E-04	3.29E-06	3.37E-06	2.27E-05	2.29E-05	1.93E-05	1.92E-05	3.6354E-04
606547.8	4201288.22	54552.52443	0.01354	0.0137	0.0573	0.05809	0.1287	0.12786	3.07E-04	3.40E-06	3.49E-06	2.33E-05	2.36E-05	1.88E-05	1.86E-05	3.6069E-04
606567.8	4201288.22	53749.8736	0.014	0.01417	0.05908	0.05991	0.12523	0.12433	3.02E-04	3.52E-06	3.61E-06	2.41E-05	2.43E-05	1.83E-05	1.81E-05	3.5787E-04
606587.8	4201288.22	52931.30649	0.0145	0.01467	0.061	0.06188	0.12184	0.12092	2.98E-04	3.64E-06	3.73E-06	2.48E-05	2.51E-05	1.78E-05	1.76E-05	3.5510E-04
606607.8	4201288.22	52109.44856	0.01502	0.0152	0.06301	0.06394	0.11858	0.11762	2.93E-04	3.77E-06	3.87E-06	2.57E-05	2.59E-05	1.73E-05	1.71E-05	3.5239E-04
606627.8	4201288.22	51275.79033	0.01556	0.01573	0.0651	0.06609	0.11541	0.11445	2.88E-04	3.91E-06	4.00E-06	2.65E-05	2.68E-05	1.69E-05	1.67E-05	3.4970E-04
606647.8	4201288.22	50434.76436	0.01612	0.0163	0.06733	0.06838	0.11234	0.11137	2.84E-04	4.05E-06	4.15E-06	2.74E-05	2.77E-05	1.64E-05	1.62E-05	3.4709E-04
606667.8	4201288.22	49574.09535	0.01675	0.01693	0.06976	0.07088	0.10936	0.10838	2.79E-04	4.21E-06	4.31E-06	2.84E-05	2.88E-05	1.60E-05	1.58E-05	3.4457E-04
606687.8	4201288.22	48695.81118	0.01742	0.0176	0.07237	0.07358	0.10648	0.10549	2.74E-04	4.37E-06	4.48E-06	2.95E-05	2.98E-05	1.55E-05	1.54E-05	3.4213E-04
606707.8	4201288.22	47794.60205	0.01817	0.01835	0.07525	0.07654	0.10366	0.10267	2.69E-04	4.56E-06	4.67E-06	3.07E-05	3.10E-05	1.51E-05	1.50E-05	3.3981E-04
606727.8	4201288.22	46882.85942	0.01893	0.01912	0.07825	0.07962	0.10095	0.09995	2.64E-04	4.75E-06	4.86E-06	3.19E-05	3.23E-05	1.47E-05	1.46E-05	3.3754E-04
606747.8	4201288.22	45948.93938	0.01979	0.01997	0.08154	0.083	0.09831	0.09731	2.58E-04	4.97E-06	5.08E-06	3.32E-05	3.37E-05	1.44E-05	1.42E-05	3.3543E-04
606767.8	4201288.22	45005.34021	0.02069	0.02087	0.08501	0.08656	0.09576	0.09476	2.53E-04	5.20E-06	5.31E-06	3.46E-05	3.51E-05	1.40E-05	1.38E-05	3.3343E-04
606787.8	4201288.22	44049.95446	0.02165	0.02183	0.08872	0.09035	0.0933	0.0923	2.48E-04	5.44E-06	5.55E-06	3.61E-05	3.67E-05	1.36E-05	1.35E-05	3.3159E-04
606807.8	4201288.22	43085.03792	0.02272	0.0229	0.09275	0.09448	0.0909	0.08991	2.42E-04	5.71E-06	5.83E-06	3.78E-05	3.83E-05	1.33E-05	1.31E-05	3.3002E-04
606827.8	4201288.22	42113.93921	0.0239	0.02408	0.09715	0.09899	0.08857	0.08759	2.37E-04	6.00E-06	6.13E-06	3.96E-05	4.02E-05	1.29E-05	1.28E-05	3.2877E-04
606847.8	4201288.22	41142.05591	0.02551	0.02543	0.10235	0.10447	0.08631	0.08534	2.31E-04	6.41E-06	6.47E-06	4.17E-05	4.24E-05	1.26E-05	1.24E-05	3.2840E-04
606867.8	4201288.22	40180.32147	0.027	0.02717	0.1075	0.10962	0.08413	0.08317	2.26E-04	6.78E-06	6.91E-06	4.38E-05	4.45E-05	1.23E-05	1.21E-05	3.2799E-04
606887.8	4201288.22	39227.73622	0.02857	0.02877	0.11309	0.11541	0.08202	0.08106	2.21E-04	7.18E-06	7.32E-06	4.61E-05	4.68E-05	1.20E-05	1.18E-05	3.2806E-04
606907.8	4201288.22	38286.92351	0.03027	0.03048	0.1193	0.12181	0.07996	0.07902	2.15E-04	7.60E-06	7.75E-06	4.86E-05	4.94E-05	1.17E-05	1.15E-05	3.2875E-04
606927.8	4201288.22	37363.82174	0.03213	0.03232	0.12631	0.12912	0.07797	0.07704	2.10E-04	8.07E-06	8.22E-06	5.14E-05	5.24E-05	1.14E-05	1.12E-05	3.3031E-04
606947.8	4201288.22	36460.18446	0.0342	0.03435	0.13415	0.13731	0.07604	0.07513	2.05E-04	8.59E-06	8.74E-06	5.46E-05	5.57E-05	1.11E-05	1.10E-05	3.3278E-04
606967.8	4201288.22	35579.70799	0.03648	0.03661	0.1428	0.14637	0.07418	0.07328	2.00E-04	9.16E-06	9.31E-06	5.82E-05	5.94E-05	1.08E-05	1.07E-05	3.3618E-04
606987.8	4201288.22	34718.30434	0.03907	0.03916	0.15272	0.15685	0.07237	0.07148	1.95E-04	9.81E-06	9.96E-06	6.22E-05	6.36E-05	1.06E-05	1.04E-05	3.4092E-04
607007.8	4201288.22	33875.47815	0.04203	0.04209	0.1642	0.16896	0.07061	0.06973	1.91E-04	1.06E-05	1.07E-05	6.69E-05	6.85E-05	1.03E-05	1.02E-05	3.4726E-04
607027.8	4201288.22	33057.65396	0.04527	0.04534	0.17727	0.18281	0.0689	0.06804	1.86E-04	1.14E-05	1.15E-05	7.22E-05	7.42E-05	1.01E-05	9.92E-06	3.5524E-04
607047.8	4201288.22	32266.45464	0.04874	0.04886	0.1921	0.19853	0.06726	0.06642	1.82E-04	1.22E-05	1.24E-05	7.82E-05	8.05E-05	9.82E-06	9.68E-06	3.6497E-04
607067.8	4201288.22	31496.07397	0.05252	0.05275	0.20939	0.21696	0.06567	0.06484	1.77E-04	1.32E-05	1.34E-05	8.53E-05	8.80E-05	9.59E-06	9.45E-06	3.7710E-04
607087.8	4201288.22	30747.41327	0.05654	0.05698	0.22969	0.23869	0.06412	0.06331	1.73E-04	1.42E-05	1.45E-05	9.36E-05	9.68E-05	9.36E-06	9.23E-06	3.9205E-04
607107.8	4201288.22	30021.40233	0.0607	0.06146	0.25367	0.26451	0.06263	0.06183	1.69E-04	1.52E-05	1.56E-05	1.03E-04	1.07E-04	9.15E-06	9.01E-06	4.1039E-04
607127.8	4201288.22	29310.07201	0.0652	0.06644	0.28345	0.29666	0.06117	0.06039	1.65E-04	1.64E-05	1.69E-05	1.15E-04	1.20E-04	8.93E-06	8.80E-06	4.3396E-04
607147.8	4201288.22	28618.72322	0.06983	0.07172	0.32028	0.33677	0.05976	0.05899	1.61E-04	1.75E-05	1.82E-05	1.30E-04	1.37E-04	8.73E-06	8.60E-06	4.6385E-04
607167.8	4201288.22	27951.60524	0.07433	0.07696	0.36549	0.38646	0.0584	0.05765	1.57E-04	1.87E-05	1.96E-05	1.49E-04	1.57E-04	8.53E-06	8.40E-06	5.0113E-04
607187.8	4201288.22	27305.65772	0.07884	0.0822	0.42267	0.44996	0.05708	0.05635	1.54E-04	1.98E-05	2.09E-05	1.72E-04	1.83E-04	8.34E-06	8.21E-06	5.4901E-04
607207.8	4201288.22	26674.92318	0.08401	0.088	0.49968	0.53676	0.0558	0.05508	1.50E-04	2.11E-05	2.24E-05	2.04E-04	2.18E-04	8.15E-06	8.03E-06	6.1481E-04
607227.8	4201288.22	26059.69848	0.09031	0.0948	0.60809	0.66023	0.05456	0.05385	1.47E-04	2.27E-05	2.41E-05	2.48E-04	2.68E-04	7.97E-06	7.85E-06	7.0891E-04
607247.8	4201288.22	25465.75789	0.09736	0.10242	0.76149	0.83973	0.05335	0.05266	1.43E-04	2.45E-05	2.61E-05	3.10E-04	3.41E-04	7.79E-06	7.68E-06	8.4457E-04
607267.8	4201288.22	24891.09916	0.10543	0.11128	0.9991	1.12983	0.05219	0.05152	1.40E-04	2.65E-05	2.83E-05	4.07E-04	4.58E-04	7.62E-06	7.51E-06	1.0601E-03
607287.8	4201288.22	24332.79017	0.11476	0.12172	1.41168	1.66418	0.05106	0.0504	1.37E-04	2.88E-05	3.10E-05	5.75E-04	6.75E-04	7.46E-06	7.35E-06	1.4467E-03
607307.8	4201288.22	23792.69769	0.12528	0.13368	2.25161	2.84877	0.04997	0.04932	1.34E-04	3.15E-05	3.40E-05	9.17E-04	1.16E-03	7.30E-06	7.19E-06	2.2720E-03

606527.8	4201308.22	52989.82844	0.01275	0.0129	0.05564	0.05641	0.13724	0.13615	2.98E-04	3.20E-06	3.28E-06	2.27E-05	2.29E-05	2.00E-05	1.98E-05	3.5013E-04
606547.8	4201308.22	52246.56561	0.01319	0.01333	0.05734	0.05815	0.13328	0.13217	2.94E-04	3.31E-06	3.39E-06	2.34E-05	2.36E-05	1.95E-05	1.93E-05	3.4757E-04
606567.8	4201308.22	51488.57357	0.01367	0.01382	0.05922	0.06007	0.12946	0.12832	2.90E-04	3.43E-06	3.52E-06	2.41E-05	2.44E-05	1.89E-05	1.87E-05	3.4510E-04
606587.8	4201308.22	50718.59762	0.01419	0.01434	0.06119	0.06209	0.12579	0.12462	2.85E-04	3.56E-06	3.65E-06	2.49E-05	2.52E-05	1.84E-05	1.82E-05	3.4265E-04
606607.8	4201308.22	49952.50461	0.01469	0.01484	0.06316	0.06412	0.12225	0.12108	2.81E-04	3.69E-06	3.78E-06	2.57E-05	2.60E-05	1.79E-05	1.76E-05	3.4022E-04
606627.8	4201308.22	49166.76446	0.01525	0.0154	0.06534	0.06635	0.11881	0.11764	2.77E-04	3.83E-06	3.92E-06	2.66E-05	2.69E-05	1.74E-05	1.71E-05	3.3787E-04
606647.8	4201308.22	48380.16182	0.01582	0.01597	0.06758	0.06866	0.1155	0.11433	2.72E-04	3.97E-06	4.06E-06	2.75E-05	2.79E-05	1.69E-05	1.67E-05	3.3559E-04
606667.8	4201308.22	47583.14379	0.01641	0.01656	0.06994	0.07109	0.11231	0.11113	2.68E-04	4.12E-06	4.21E-06	2.85E-05	2.88E-05	1.64E-05	1.62E-05	3.3335E-04
606687.8	4201308.22	46770.20399	0.01705	0.0172	0.07249	0.07372	0.10921	0.10804	2.63E-04	4.28E-06	4.38E-06	2.95E-05	2.99E-05	1.59E-05	1.57E-05	3.3120E-04
606707.8	4201308.22	45938.79566	0.01776	0.01791	0.07529	0.07661	0.10622	0.10505	2.58E-04	4.46E-06	4.56E-06	3.07E-05	3.11E-05	1.55E-05	1.53E-05	3.2920E-04
606727.8	4201308.22	45093.60996	0.01852	0.01866	0.07828	0.07969	0.10332	0.10216	2.54E-04	4.65E-06	4.75E-06	3.19E-05	3.23E-05	1.51E-05	1.49E-05	3.2729E-04
606747.8	4201308.22	44227.5107	0.01937	0.01952	0.08159	0.08309	0.10051	0.09936	2.49E-04	4.86E-06	4.97E-06	3.32E-05	3.37E-05	1.47E-05	1.45E-05	3.2558E-04
606767.8	4201308.22	43357.16402	0.02024	0.02038	0.08502	0.08661	0.09781	0.09667	2.44E-04	5.08E-06	5.19E-06	3.46E-05	3.51E-05	1.43E-05	1.41E-05	3.2395E-04
606787.8	4201308.22	42475.98326	0.02118	0.02131	0.08869	0.09037	0.0952	0.09407	2.39E-04	5.32E-06	5.42E-06	3.61E-05	3.67E-05	1.39E-05	1.37E-05	3.2248E-04
606807.8	4201308.22	41586.94965	0.02219	0.02232	0.09265	0.09444	0.09267	0.09156	2.34E-04	5.57E-06	5.68E-06	3.77E-05	3.83E-05	1.35E-05	1.33E-05	3.2125E-04
606827.8	4201308.22	40686.54817	0.02335	0.02347	0.09707	0.09897	0.09022	0.08912	2.29E-04	5.86E-06	5.97E-06	3.95E-05	4.01E-05	1.32E-05	1.30E-05	3.2041E-04
606847.8	4201308.22	39788.50074	0.02462	0.02473	0.10209	0.1044	0.08784	0.08676	2.24E-04	6.18E-06	6.29E-06	4.16E-05	4.23E-05	1.28E-05	1.26E-05	3.2025E-04
606867.8	4201308.22	38892.56869	0.02633	0.02643	0.10761	0.10976	0.08555	0.08448	2.19E-04	6.61E-06	6.72E-06	4.38E-05	4.45E-05	1.25E-05	1.23E-05	3.2049E-04
606887.8	4201308.22	38006.8643	0.02781	0.02794	0.11314	0.11546	0.08333	0.08228	2.14E-04	6.98E-06	7.11E-06	4.61E-05	4.68E-05	1.22E-05	1.20E-05	3.2083E-04
606907.8	4201308.22	37129.25556	0.02949	0.02962	0.11924	0.1218	0.08118	0.08015	2.09E-04	7.41E-06	7.54E-06	4.86E-05	4.94E-05	1.19E-05	1.17E-05	3.2180E-04
606927.8	4201308.22	36266.39123	0.03131	0.0314	0.1262	0.12906	0.0791	0.07809	2.04E-04	7.86E-06	7.99E-06	5.14E-05	5.24E-05	1.16E-05	1.14E-05	3.2363E-04
606947.8	4201308.22	35416.60888	0.03336	0.03342	0.13407	0.13732	0.07708	0.07609	1.99E-04	8.38E-06	8.50E-06	5.46E-05	5.57E-05	1.13E-05	1.11E-05	3.2644E-04
606967.8	4201308.22	34590.75302	0.03558	0.03561	0.14273	0.14635	0.07514	0.07416	1.95E-04	8.94E-06	9.06E-06	5.81E-05	5.94E-05	1.10E-05	1.08E-05	3.3010E-04
606987.8	4201308.22	33776.91347	0.03814	0.03815	0.15277	0.15694	0.07325	0.07229	1.90E-04	9.58E-06	9.71E-06	6.22E-05	6.37E-05	1.07E-05	1.05E-05	3.3519E-04
607007.8	4201308.22	32985.06689	0.04095	0.04094	0.16423	0.16903	0.07142	0.07048	1.86E-04	1.03E-05	1.04E-05	6.69E-05	6.86E-05	1.04E-05	1.03E-05	3.4172E-04
607027.8	4201308.22	32215.39909	0.04399	0.04401	0.17722	0.18282	0.06966	0.06873	1.81E-04	1.10E-05	1.12E-05	7.22E-05	7.42E-05	1.02E-05	1.00E-05	3.4982E-04
607047.8	4201308.22	31470.15759	0.04718	0.04728	0.19205	0.19855	0.06796	0.06705	1.77E-04	1.18E-05	1.20E-05	7.82E-05	8.05E-05	9.92E-06	9.77E-06	3.5969E-04
607067.8	4201308.22	30741.38136	0.05063	0.0509	0.20959	0.21719	0.06631	0.06542	1.73E-04	1.27E-05	1.30E-05	8.54E-05	8.81E-05	9.68E-06	9.54E-06	3.7208E-04
607087.8	4201308.22	30033.43263	0.05421	0.05474	0.2301	0.23926	0.06471	0.06384	1.69E-04	1.36E-05	1.39E-05	9.37E-05	9.71E-05	9.45E-06	9.31E-06	3.8728E-04
607107.8	4201308.22	29341.43703	0.05798	0.05888	0.25498	0.2661	0.06316	0.06231	1.65E-04	1.46E-05	1.50E-05	1.04E-04	1.08E-04	9.22E-06	9.08E-06	4.0641E-04
607127.8	4201308.22	28670.5142	0.06171	0.06311	0.2848	0.29851	0.06166	0.06083	1.61E-04	1.55E-05	1.61E-05	1.16E-04	1.21E-04	9.00E-06	8.87E-06	4.2994E-04
607147.8	4201308.22	28014.78269	0.06559	0.06759	0.32225	0.33948	0.06021	0.0594	1.58E-04	1.65E-05	1.72E-05	1.31E-04	1.38E-04	8.79E-06	8.66E-06	4.6024E-04
607167.8	4201308.22	27377.36643	0.06957	0.07219	0.36946	0.3914	0.0588	0.05801	1.54E-04	1.75E-05	1.84E-05	1.50E-04	1.59E-04	8.59E-06	8.46E-06	4.9911E-04
607187.8	4201308.22	26764.64532	0.07334	0.07647	0.42761	0.4563	0.05745	0.05668	1.51E-04	1.84E-05	1.95E-05	1.74E-04	1.85E-04	8.39E-06	8.26E-06	5.4771E-04
607207.8	4201308.22	26166.58742	0.07769	0.0812	0.50504	0.54345	0.05614	0.05538	1.47E-04	1.95E-05	2.07E-05	2.06E-04	2.20E-04	8.20E-06	8.07E-06	6.1353E-04
607227.8	4201308.22	25581.48815	0.08284	0.08675	0.61169	0.66554	0.05487	0.05413	1.44E-04	2.08E-05	2.21E-05	2.49E-04	2.70E-04	8.01E-06	7.89E-06	7.0591E-04
607247.8	4201308.22	25014.88569	0.08878	0.09309	0.76579	0.84623	0.05364	0.05291	1.41E-04	2.23E-05	2.37E-05	3.12E-04	3.43E-04	7.83E-06	7.71E-06	8.4189E-04
607267.8	4201308.22	24466.15686	0.09557	0.10049	1.00584	1.13766	0.05245	0.05174	1.38E-04	2.40E-05	2.56E-05	4.10E-04	4.61E-04	7.66E-06	7.54E-06	1.0584E-03
607287.8	4201308.22	23933.18899	0.10327	0.10905	1.42235	1.67258	0.0513	0.0506	1.35E-04	2.59E-05	2.77E-05	5.79E-04	6.78E-04	7.49E-06	7.38E-06	1.4461E-03
607307.8	4201308.22	23416.1193	0.11189	0.11877	2.26925	2.85812	0.05018	0.04951	1.32E-04	2.81E-05	3.02E-05	9.24E-04	1.16E-03	7.33E-06	7.22E-06	2.2737E-03
606527.8	4201328.22	50796.01254	0.01245	0.01257	0.0557	0.05649	0.142	0.14062	2.86E-04	3.13E-06	3.20E-06	2.27E-05	2.29E-05	2.07E-05	2.05E-05	3.3769E-04
606547.8	4201328.22	50096.57677	0.01289	0.01302	0.05746	0.05829	0.13768	0.13631	2.82E-04	3.24E-06	3.31E-06	2.34E-05	2.36E-05	2.01E-05	1.99E-05	3.3543E-04
606567.8	4201328.22	49383.74664	0.01339	0.01352	0.05938	0.06026	0.13355	0.13215	2.78E-04	3.36E-06	3.44E-06	2.42E-05	2.44E-05	1.95E-05	1.93E-05	3.3325E-04
606587.8	4201328.22	48653.39935	0.01394	0.01407	0.06147	0.06239	0.12955	0.12815	2.74E-04	3.50E-06	3.58E-06	2.50E-05	2.53E-05	1.89E-05	1.87E-05	3.3114E-04
606607.8	4201328.22	47921.54507	0.01451	0.01464	0.06362	0.06459	0.12569	0.1243	2.70E-04	3.64E-06	3.72E-06	2.59E-05	2.62E-05	1.84E-05	1.81E-05	3.2908E-04
606627.8	4201328.22	47187.4174	0.01506	0.01519	0.06577	0.0668	0.122	0.12061	2.65E-04	3.78E-06	3.86E-06	2.68E-05	2.71E-05	1.78E-05	1.76E-05	3.2700E-04
606647.8	4201328.22	46459.40334	0.0156	0.01572	0.06794	0.06904	0.11846	0.11709	2.61E-04	3.92E-06	4.00E-06	2.77E-05	2.80E-05	1.73E-05	1.71E-05	3.2496E-04
606667.8	4201328.22	45720.32219	0.01617	0.01629	0.07025	0.07142	0.11506	0.1137	2.57E-04	4.06E-06	4.14E-06	2.86E-05	2.90E-05	1.68E-05	1.66E-05	3.2300E-04
606687.8	4201328.22	44968.52934	0.01677	0.01689	0.07273	0.07398	0.11178	0.11044	2.53E-04	4.21E-06	4.30E-06	2.96E-05	3.00E-05	1.63E-05	1.61E-05	3.2112E-04
606707.8	4201328.22	44207.13161	0.01741	0.01752	0.07533	0.07667	0.10863	0.1073	2.49E-04	4.37E-06	4.46E-06	3.07E-05	3.11E-05	1.59E-05	1.56E-05	3.1931E-04
606727.8	4201328.22	43422.24791	0.01816	0.01826	0.0783	0.07974	0.10555	0.10424	2.44E-04	4.56E-06	4.65E-06	3.19E-05	3.23E-05	1.54E-05	1.52E-05	3.1773E-04
606747.8	4201328.22	42623.25466	0.01897	0.01907	0.08151	0.08304	0.10259	0.1013	2.40E-04	4.76E-06	4.85E-06	3.32E-05	3.37E-05	1.50E-05	1.48E-05	3.1629E-04
606767.8	4201328.22	41810.0245	0.01987	0.01997	0.08504	0.08666	0.09972	0.09845	2.35E-04	4.99E-06	5.08E-06	3.46E-05	3.52E-05	1.46E-05	1.43E-05	3.1507E-04
606787.8	4201328.22	40991.04889	0.0208	0.02089	0.08873	0.09046	0.09696	0.09571	2.31E-04	5.22E-06	5.31E-06	3.61E-05	3.67E-05	1.42E-05	1.40E-05	3.1398E-04
606807.8	4201328.22	40168.72803	0.02179	0.02187	0.09265	0.09448	0.09431	0.09308	2.26E-04	5.47E-06	5.56E-06	3.77E-05	3.83E-05	1.38E-05	1.36E-05	3.1308E-04
606827.8	4201328.22	39338.3968	0.02288	0.02295	0.09694	0.09893	0.09174	0.09053	2.21E-04	5.75E-06	5.84E-06	3.95E-05	4.01E-05	1.34E-05	1.32E-05	3.1251E-04
606847.8	4201328.22	38504.28695	0.02411	0.02417	0.10191	0.10429	0.08926	0.08807	2.17E-04	6.06E-06	6.15E-06	4.15E-05	4.23E-05	1.30E-05	1.28E-05	3.1263E-04
606867.8	4201328.22	37671.9849	0.02571	0.02574	0.10746	0.10968	0.08686	0.08569	2.12E-04	6.46E-06	6.55E-06	4.38E-05	4.45E-05	1.27E-05	1.25E-05	3.1320E-04
606887.8	4201328.22	36843.9159	0.0272	0.02727	0.11306	0.11544	0.08454	0.08339	2.07E-04	6.83E-06	6.94E-06	4.61E-05	4.68E-05	1.23E-05	1.22E-05	3.1392E-04
606907.8	4201328.22	36026.34236	0.02883	0.02886	0.11913	0.12173	0.0823	0.08118	2.03E-04	7.24E-06	7.34E-06	4.85E-05	4.94E-05	1.20E-05	1.18E-05	3.1516E-04
606927.8	4201328.22	35218.30183	0.03061	0.03061	0.12598	0.12886	0.08014	0.07904	1.98E-04	7.69E-06	7.79E-06	5.13E-05	5.23E-05	1.17E-05	1.15E-05	3.1719E-04
606947.8	4201328.22	34422.36825	0.0326	0.03258	0.13377	0.137	0.07804	0.07696	1.94E-04	8.19E-06	8.29E-06	5.45E-05	5.56E-05	1.14E-05	1.12E-05	3.2019E-04
606967.8	4201328.22	33641.97697	0.0348	0.03475	0.14243	0.14612	0.07602	0.07496	1.89E-04	8.74E-06	8.84E-06	5.80E-05	5.93E-05	1.11E-05	1.09E-05	3.2413E-04
606987.8	4201328.22	32879.16098	0.03721	0.03716	0.15239	0.15657	0.07406	0.07303	1.85E-04	9.35E-06	9.45E-06	6.21E-05	6.35E-05	1.08E-05	1.06E-05	3.2935E-04
607007.8	4201328.22	32131.5553	0.03988	0.03984	0.16379	0.16859	0.07217	0.07116	1.81E-04	1.00E-05	1.01E-05	6.67E-05	6.84E-05	1.05E-05	1.04E-05	3.3602E-04
607027.8	4201328.22	31402.51103	0.04275	0.04277	0.17685	0.18242	0.07034	0.06935	1.77E-04	1.07E-05	1.09E-05	7.20E-05	7.40E-05	1.03E-05	1.01E-05	3.4431E-04
607047.8	4201328.22	30700.42439	0.04563	0.04577	0.19152	0.19799	0.06859	0.06762	1.73E-04	1.15E-05	1.16E-05	7.80E-05	8.03E-05	1.00E-05	9.86E-06	3.5414E-04
607067.8	4201328.22	30011.2404	0.04871	0.04906	0.20906	0.21661	0.06688	0.06594	1.69E-04	1.22E-05	1.25E-05	8.52E-05	8.79E-05	9.77E-06	9.61E-06	3.6657E-04
607087.8	4201328.22	29336.34107	0.05195	0.0526	0.23008	0.23923	0.06523	0.06431	1.65E-04	1.30E-05	1.34E-05	9.37E-05	9.70E-05	9.53E-06	9.37E-06	3.8222E-04
607107.8	4201328.22	28680.65049	0.05518	0.05623	0.25517	0.2664	0.06363	0.06273	1.61E-04	1.39E-05	1.43E-05	1.04E-04	1.08E-04	9.29E-06	9.14E-06	4.0151E-04
607127.8	4201328.22	28039.0498	0.05852	0.06006	0.28624	0.30028	0.06208	0.0612	1.58E-04	1.47E-05	1.53E-05	1.17E-04	1.22E-04	9.07E-06	8.92E-06	4.2611E-04
607147.8	4201328.22	27414.45181	0.06182	0.06393	0.32419	0.34159	0.06058	0.05973	1.54E-04	1.55E-05	1.63E-05	1.32E-04	1.39E-04	8.85E-06	8.71E-06	4.5663E-04
607167.8	4201328.22	26808.06443	0.06493	0.06751	0.37016	0.39253	0.05914	0.0583	1.51E-04	1.63E-05	1.72E-05	1.51E-04	1.59E-04	8.64E-06	8.50E-06	4.9430E-04
607187.8	4201328.22	26227.34356	0.06815	0.07106	0.42831	0.45782	0.05776	0.05694	1.48E-04	1.71E-05	1.81E-05	1.74E-04	1.86E-04	8.43E-06	8.30E-06	5.4291E-04
607207.8	4201328.22	25662.1753	0.07184	0.07496	0.50495	0.5451	0.05642	0.05563	1.44E-04	1.80E-05	1.91E-05	2.06E-04	2.21E-04	8.24E-06	8.11E-06	6.0827E-04
607227.8	4201328.22	25107.33104	0.07625	0.07957	0.61066	0.66734	0.05513	0.05435	1.41E-04	1.91E-05	2.02E-05	2.49E-04	2.71E-04	8.05E-06	7.92E-06	7.0008E-04
607247.8	4201328.22	24568.05127	0.08136	0.08502	0.76392	0.84844	0.05387	0.05312	1.38E-04	2.04E-05	2.16E-05	3.11E-04	3.44E-04	7.87E-06	7.74E-06	8.3560E-04
607267.8	4201328.22	24043.62376	0.08714	0.09133	1.00369	1.14056	0.05266	0.05192	1.35E-04	2.19E-05	2.32E-05	4.09E-04	4.63E-04	7.69E-06	7.57E-06	1.0519E-03
607287.8	4201328.22	23536.9656	0.0936	0.09844	1.42281	1.67688	0.05149	0.05077	1.32E-04	2.35E-05	2.50E-05	5.80E-04	6.80E-04	7.52E-06	7.40E-06	1.4407E-03
607307.8	4201328.22	23041.53433	0.10081	0.1065	2.28533	2.86435	0.05035	0.04965	1.30E-04	2.53E-05	2.71E-05	9.31E-04	1.16E-03	7.35E-06	7.24E-06	2.2748E-03
606527.8	4201348.22	48745.46806	0.01219	0.0123	0.05583	0.05664	0.14657	0.1449	2.74E-04	3.06E-06	3.13E-06	2.27E-05	2.30E-05	2.14E-05	2.11E-05	3.2613E-04
606547.8	4201348.22	48079.83078	0.01269	0.0128	0.05776	0.05861	0.1419	0.14022	2.70E-04	3.19E-06	3.26E-06	2.35E-05	2.38E-05	2.07E-05	2.04E-05	3.2423E-04
606567.8	4201348.22	47396.21519	0.01325	0.01336	0.05986	0.06075	0.13739	0.13574	2.67E-04	3.33E-06	3.40E-06	2.44E-05	2.46E-05	2.01E-05	1.98E-05	3.2239E-04
606587.8	4201348.22	46707.73727	0.01381	0.01392	0.06196	0.0629	0.13307	0.13143	2.63E-04	3.47E-06	3.54E-06	2.52E-05	2.55E-05	1.94E-05	1.92E-05	3.2053E-04
606607.8	4201348.22	46020.01089	0.01438	0.01449	0.0641	0.06509	0.12892	0.12731	2.59E-04	3.61E-06	3.69E-06	2.61E-05	2.64E-05	1.88E-05	1.86E-05	3.1871E-04
606627.8	4201348.22	45336.98364	0.01492	0.01502	0.06622	0.06728	0.12499	0.1234	2.55E-04	3.75E-06	3.82E-06	2.70E-05	2.73E-05	1.83E-05	1.80E-05	3.1689E-04
606647.8	4201348.22	44659.49262	0.01544	0.01555	0.06837	0.06949	0.12124	0.11967	2.51E-04	3.88E-06	3.96E-06	2.78E-05	2.82E-05	1.77E-05	1.74E-05	3.1511E-04
606667.8	4201348.22	43972.79474	0.016	0.0161	0.07065	0.07185	0.11764	0.11609	2.47E-04	4.02E-06	4.10E-06	2.88E-05	2.91E-05	1.72E-05	1.69E-05	3.1341E-04
606687.8	4201348.22	43274.13587	0.0166	0.01669	0.0731	0.07438	0.11416	0.11264	2.43E-04	4.17E-06	4.25E-06	2.98E-05	3.02E-05	1.67E-05	1.64E-05	3.1181E-04
606707.8	4201348.22	42571.4451	0.0172	0.01728	0.07563	0.07699	0.11084	0.10935	2.39E-04	4.32E-06	4.40E-06	3.08E-05	3.12E-05	1.62E-05	1.59E-05	3.1025E-04
606727.8	4201348.22	41853.33624	0.01787	0.01794	0.07838	0.07984	0.10763	0.10617	2.35E-04	4.49E-06	4.56E-06	3.19E-05	3.24E-05	1.57E-05	1.55E-05	3.0882E-04
606747.8	4201348.22	41118.90725	0.01861	0.01868	0.08142	0.08298	0.10453	0.10309	2.31E-04	4.67E-06	4.75E-06	3.32E-05	3.37E-05	1.53E-05	1.50E-05	3.0757E-04
606767.8	4201348.22	40361.91255	0.0195	0.01957	0.08494	0.0866	0.10151	0.1001	2.27E-04	4.90E-06	4.98E-06	3.46E-05	3.51E-05	1.48E-05	1.46E-05	3.0667E-04
606787.8	4201348.22	39598.64987	0.02044	0.02049	0.08867	0.09043	0.09861	0.09723	2.23E-04	5.13E-06	5.21E-06	3.61E-05	3.67E-05	1.44E-05	1.42E-05	3.0592E-04
606807.8	4201348.22	38825.84019	0.02149	0.02153	0.09296	0.0951	0.09581	0.09446	2.18E-04	5.40E-06	5.48E-06	3.79E-05	3.86E-05	1.40E-05	1.38E-05	3.0574E-04
606827.8	4201348.22	38058.33762	0.02253	0.02256	0.09714	0.09941	0.09314	0.09181	2.14E-04	5.66E-06	5.74E-06	3.96E-05	4.03E-05	1.36E-05	1.34E-05	3.0539E-04
606847.8	4201348.22	37286.46124	0.02384	0.02371	0.1018	0.1042	0.09055	0.08926	2.10E-04	5.99E-06	6.03E-06	4.15E-05	4.23E-05	1.32E-05	1.30E-05	3.0552E-04
606867.8	4201348.22	36510.95075	0.02522	0.02522	0.10725	0.1095	0.08805	0.08678	2.05E-04	6.33E-06	6.42E-06	4.37E-05	4.44E-05	1.29E-05	1.26E-05	3.0625E-04
606887.8	4201348.22	35738.63722	0.02666	0.02666	0.11285	0.11528	0.08564	0.0844	2.01E-04	6.70E-06	6.78E-06	4.60E-05	4.68E-05	1.25E-05	1.23E-05	3.0726E-04
606907.8	4201348.22	34974.31527	0.02825	0.02822	0.11889	0.12153	0.08332	0.08211	1.97E-04	7.09E-06	7.18E-06	4.84E-05	4.93E-05	1.22E-05	1.20E-05	3.0875E-04
606927.8	4201348.22	34217.31613	0.03	0.02994	0.12572	0.12863	0.08107	0.07989	1.92E-04	7.53E-06	7.62E-06	5.12E-05	5.22E-05	1.18E-05	1.16E-05	3.1103E-04
606947.8	4201348.22	33471.6389	0.03192	0.03183	0.13336	0.1366	0.07891	0.07775	1.88E-04	8.02E-06	8.10E-06	5.43E-05	5.54E-05	1.15E-05	1.13E-05	3.1415E-04
606967.8	4201348.22	32737.73717	0.03403	0.03394	0.14196	0.14567	0.07681	0.07569	1.84E-04	8.55E-06	8.64E-06	5.78E-05	5.91E-05	1.12E-05	1.10E-05	3.1827E-04
606987.8	4201348.22	32020.59492	0.0363	0.03622	0.15161	0.15573	0.0748	0.0737	1.80E-04	9.12E-06	9.22E-06	6.18E-05	6.32E-05	1.09E-05	1.07E-05	3.2339E-04
607007.8	4201348.22	31316.3862	0.03876	0.03873	0.16282	0.16757	0.07284	0.07177	1.76E-04	9.73E-06	9.85E-06	6.63E-05	6.80E-05	1.06E-05	1.05E-05	3.3006E-04
607027.8	4201348.22	30620.72517	0.04148	0.04154	0.17606	0.18158	0.07094	0.0699	1.72E-04	1.04E-05	1.06E-05	7.17E-05	7.37E-05	1.04E-05	1.02E-05	3.3862E-04
607047.8	4201348.22	29952.24241	0.04414	0.04437	0.19085	0.19724	0.06913	0.06811	1.69E-04	1.11E-05	1.13E-05	7.77E-05	8.00E-05	1.01E-05	9.93E-06	3.4862E-04
607067.8	4201348.22	29293.14334	0.04699	0.04746	0.20884	0.21633	0.06736	0.06637	1.65E-04	1.18E-05	1.21E-05	8.51E-05	8.78E-05	9.84E-06	9.67E-06	3.6149E-04
607087.8	4201348.22	28653.00413	0.04982	0.05061	0.23002	0.23917	0.06566	0.0647	1.61E-04	1.25E-05	1.29E-05	9.37E-05	9.70E-05	9.59E-06	9.43E-06	3.7729E-04
607107.8	4201348.22	28029.70572	0.05263	0.05382	0.25556	0.26683	0.06402	0.06308	1.58E-04	1.32E-05	1.37E-05	1.04E-04	1.08E-04	9.35E-06	9.19E-06	3.9693E-04
607127.8	4201348.22	27417.79748	0.05542	0.05709	0.28654	0.30036	0.06243	0.06151	1.54E-04	1.39E-05	1.45E-05	1.17E-04	1.22E-04	9.12E-06	8.97E-06	4.2124E-04
607147.8	4201348.22	26826.72893	0.05793	0.06	0.32315	0.34048	0.0609	0.06	1.51E-04	1.45E-05	1.53E-05	1.32E-04	1.38E-04	8.89E-06	8.75E-06	4.5047E-04
607167.8	4201348.22	26253.02684	0.06049	0.06286	0.36845	0.3908	0.05942	0.05855	1.48E-04	1.52E-05	1.60E-05	1.50E-04	1.59E-04	8.68E-06	8.53E-06	4.8748E-04
607187.8	4201348.22	25699.15186	0.06332	0.06588	0.42602	0.45569	0.05801	0.05716	1.45E-04	1.59E-05	1.68E-05	1.74E-04	1.85E-04	8.47E-06	8.33E-06	5.3561E-04
607207.8	4201348.22	25163.58873	0.0666	0.06928	0.5016	0.54242	0.05665	0.05583	1.42E-04	1.67E-05	1.76E-05	2.04E-04	2.20E-04	8.27E-06	8.14E-06	6.0026E-04
607227.8	4201348.22	24638.32752	0.07048	0.07331	0.60518	0.66373	0.05533	0.05453	1.39E-04	1.77E-05	1.87E-05	2.46E-04	2.69E-04	8.08E-06	7.95E-06	6.9070E-04
607247.8	4201348.22	24124.44732	0.07492	0.07805	0.75487	0.84369	0.05406	0.05327	1.36E-04	1.88E-05	1.99E-05	3.07E-04	3.42E-04	7.89E-06	7.76E-06	8.2410E-04
607267.8	4201348.22	23625.52907	0.07989	0.08345	0.98814	1.13428	0.05282	0.05206	1.33E-04	2.01E-05	2.12E-05	4.02E-04	4.60E-04	7.71E-06	7.59E-06	1.0368E-03
607287.8	4201348.22	23143.01113	0.08538	0.08949	1.39543	1.6688	0.05164	0.05089	1.30E-04	2.14E-05	2.28E-05	5.68E-04	6.77E-04	7.54E-06	7.42E-06	1.4197E-03
607307.8	4201348.22	22669.62098	0.09148	0.09625	2.23712	2.85457	0.05048	0.04976	1.28E-04	2.30E-05	2.45E-05	9.11E-04	1.16E-03	7.37E-06	7.25E-06	2.2442E-03
606527.8	4201368.22	46806.8626	0.01208	0.01217	0.0563	0.05714	0.15086	0.14887	2.63E-04	3.03E-06	3.10E-06	2.29E-05	2.32E-05	2.20E-05	2.17E-05	3.1556E-04
606547.8	4201368.22	46159.07142	0.01266	0.01275	0.05846	0.05933	0.14578	0.14383	2.60E-04	3.18E-06	3.24E-06	2.38E-05	2.41E-05	2.13E-05	2.10E-05	3.1398E-04
606567.8	4201368.22	45517.0695	0.0132	0.01329	0.06049	0.0614	0.14094	0.13902	2.56E-04	3.32E-06	3.38E-06	2.46E-05	2.49E-05	2.06E-05	2.03E-05	3.1231E-04
606587.8	4201368.22	44881.29011	0.01372	0.01381	0.06246	0.06349	0.13635	0.13448	2.52E-04	3.45E-06	3.51E-06	2.54E-05	2.58E-05	1.99E-05	1.96E-05	3.1064E-04
606607.8	4201368.22	44244.57904	0.01451	0.01458	0.06489	0.06589	0.13198	0.13014	2.49E-04	3.64E-06	3.71E-06	2.64E-05	2.67E-05	1.93E-05	1.90E-05	3.0942E-04
606627.8	4201368.22	43597.18462	0.01517	0.01528	0.0671	0.06816	0.12778	0.12598	2.45E-04	3.81E-06	3.89E-06	2.73E-05	2.76E-05	1.87E-05	1.84E-05	3.0794E-04
606647.8	4201368.22	42959.21445	0.01573	0.01584	0.06932	0.07044	0.1238	0.12203	2.42E-04	3.95E-06	4.03E-06	2.82E-05	2.86E-05	1.81E-05	1.78E-05	3.0647E-04
606667.8	4201368.22	42323.52387	0.01626	0.01636	0.0716	0.07279	0.12	0.11827	2.38E-04	4.08E-06	4.16E-06	2.92E-05	2.95E-05	1.75E-05	1.72E-05	3.0504E-04
606687.8	4201368.22	41680.35128	0.01678	0.01687	0.074	0.07529	0.11637	0.11467	2.34E-04	4.21E-06	4.29E-06	3.01E-05	3.05E-05	1.70E-05	1.67E-05	3.0367E-04
606707.8	4201368.22	41027.9057	0.01732	0.01735	0.07652	0.07789	0.11288	0.11122	2.31E-04	4.35E-06	4.41E-06	3.12E-05	3.16E-05	1.65E-05	1.62E-05	3.0234E-04
606727.8	4201368.22	40372.75052	0.01766	0.01771	0.07861	0.0801	0.10954	0.10792	2.27E-04	4.44E-06	4.51E-06	3.20E-05	3.25E-05	1.60E-05	1.57E-05	3.0058E-04
606747.8	4201368.22	39698.94449	0.01834	0.01838	0.08145	0.08304	0.10631	0.10473	2.23E-04	4.61E-06	4.68E-06	3.32E-05	3.37E-05	1.55E-05	1.53E-05	2.9948E-04
606767.8	4201368.22	39000.19335	0.01917	0.0192	0.0848	0.08649	0.10317	0.10163	2.19E-04	4.81E-06	4.88E-06	3.45E-05	3.51E-05	1.51E-05	1.48E-05	2.9873E-04
606787.8	4201368.22	38283.94232	0.02013	0.02015	0.08865	0.09056	0.10012	0.09861	2.15E-04	5.06E-06	5.13E-06	3.61E-05	3.67E-05	1.46E-05	1.44E-05	2.9840E-04
606807.8	4201368.22	37564.51594	0.02135	0.02131	0.09321	0.09512	0.0972	0.09573	2.11E-04	5.36E-06	5.42E-06	3.80E-05	3.86E-05	1.42E-05	1.40E-05	2.9866E-04
606827.8	4201368.22	36847.07521	0.02241	0.02241	0.09748	0.09948	0.09441	0.09297	2.07E-04	5.63E-06	5.70E-06	3.97E-05	4.04E-05	1.38E-05	1.36E-05	2.9868E-04
606847.8	4201368.22	36123.9375	0.02359	0.02359	0.10215	0.10429	0.09171	0.09031	2.03E-04	5.92E-06	6.00E-06	4.16E-05	4.23E-05	1.34E-05	1.32E-05	2.9906E-04
606867.8	4201368.22	35401.64473	0.02486	0.02485	0.10718	0.10946	0.08912	0.08776	1.99E-04	6.24E-06	6.32E-06	4.37E-05	4.44E-05	1.30E-05	1.28E-05	2.9978E-04
606887.8	4201368.22	34679.84289	0.02629	0.02624	0.11269	0.1151	0.08662	0.08529	1.95E-04	6.60E-06	6.68E-06	4.59E-05	4.67E-05	1.26E-05	1.24E-05	3.0097E-04
606907.8	4201368.22	33964.35959	0.02782	0.02774	0.11872	0.12139	0.08422	0.08292	1.91E-04	6.99E-06	7.06E-06	4.84E-05	4.92E-05	1.23E-05	1.21E-05	3.0272E-04
606927.8	4201368.22	33255.86213	0.02951	0.02941	0.12543	0.12837	0.0819	0.08064	1.87E-04	7.41E-06	7.48E-06	5.11E-05	5.21E-05	1.20E-05	1.18E-05	3.0514E-04
606947.8	4201368.22	32556.66661	0.03135	0.03123	0.13292	0.13624	0.07967	0.07844	1.83E-04	7.87E-06	7.95E-06	5.41E-05	5.53E-05	1.16E-05	1.14E-05	3.0838E-04
606967.8	4201368.22	31872.00274	0.0333	0.03319	0.14127	0.1449	0.07752	0.07633	1.79E-04	8.36E-06	8.44E-06	5.75E-05	5.88E-05	1.13E-05	1.11E-05	3.1243E-04
606987.8	4201368.22	31193.57582	0.03545	0.03537	0.1508	0.1549	0.07544	0.07428	1.75E-04	8.90E-06	9.00E-06	6.14E-05	6.28E-05	1.10E-05	1.08E-05	3.1765E-04
607007.8	4201368.22	30530.7043	0.03768	0.03768	0.1617	0.1664	0.07344	0.0723	1.72E-04	9.46E-06	9.59E-06	6.59E-05	6.75E-05	1.07E-05	1.05E-05	3.2417E-04
607027.8	4201368.22	29866.24386	0.04022	0.04035	0.17508	0.18056	0.07147	0.07037	1.68E-04	1.01E-05	1.03E-05	7.13E-05	7.32E-05	1.04E-05	1.03E-05	3.3294E-04
607047.8	4201368.22	29224.35174	0.04271	0.04305	0.19026	0.19646	0.06959	0.06852	1.64E-04	1.07E-05	1.10E-05	7.75E-05	7.97E-05	1.02E-05	9.99E-06	3.4328E-04
607067.8	4201368.22	28590.75229	0.04538	0.04598	0.20882	0.21635	0.06776	0.06672	1.61E-04	1.14E-05	1.17E-05	8.51E-05	8.78E-05	9.90E-06	9.72E-06	3.5676E-04
607087.8	4201368.22	27978.88175	0.04793	0.04888	0.23061	0.23957	0.06601	0.06499	1.57E-04	1.20E-05	1.24E-05	9.39E-05	9.72E-05	9.64E-06	9.47E-06	3.7299E-04
607107.8	4201368.22	27391.62556	0.0501	0.05142	0.25515	0.26604	0.06434	0.06335	1.54E-04	1.26E-05	1.31E-05	1.04E-04	1.08E-04	9.40E-06	9.23E-06	3.9161E-04
607127.8	4201368.22	26817.4341	0.05219	0.05385	0.28474	0.29812	0.06272	0.06176	1.51E-04	1.31E-05	1.37E-05	1.16E-04	1.21E-04	9.16E-06	9.00E-06	4.1458E-04
607147.8	4201368.22	26254.86154	0.05427	0.05622	0.3208	0.33757	0.06116	0.06022	1.48E-04	1.36E-05	1.43E-05	1.31E-04	1.37E-04	8.93E-06	8.78E-06	4.4324E-04
607167.8	4201368.22	25708.0522	0.05649	0.05862	0.36534	0.38689	0.05965	0.05874	1.45E-04	1.42E-05	1.49E-05	1.49E-04	1.57E-04	8.71E-06	8.56E-06	4.7948E-04
607187.8	4201368.22	25177.79435	0.05901	0.06122	0.42179	0.45036	0.0582	0.05732	1.42E-04	1.48E-05	1.56E-05	1.72E-04	1.83E-04	8.50E-06	8.35E-06	5.2653E-04
607207.8	4201368.22	24667.9267	0.06198	0.06426	0.49573	0.53516	0.05682	0.05596	1.39E-04	1.56E-05	1.63E-05	2.02E-04	2.17E-04	8.30E-06	8.16E-06	5.8969E-04
607227.8	4201368.22	24171.89747	0.06542	0.06785	0.59648	0.65371	0.05549	0.05465	1.36E-04	1.64E-05	1.73E-05	2.43E-04	2.65E-04	8.10E-06	7.97E-06	6.7781E-04
607247.8	4201368.22	23684.88198	0.06931	0.07201	0.74095	0.82928	0.05419	0.05338	1.33E-04	1.74E-05	1.83E-05	3.02E-04	3.36E-04	7.91E-06	7.78E-06	8.0717E-04
607267.8	4201368.22	23208.84965	0.07362	0.07669	0.9635	1.11208	0.05294	0.05215	1.31E-04	1.85E-05	1.95E-05	3.92E-04	4.51E-04	7.73E-06	7.60E-06	1.0121E-03
607287.8	4201368.22	22749.77734	0.07836	0.08185	1.34641	1.6324	0.05174	0.05097	1.28E-04	1.97E-05	2.08E-05	5.48E-04	6.62E-04	7.56E-06	7.43E-06	1.3791E-03
607307.8	4201368.22	22299.93277	0.08355	0.08758	2.11922	2.78616	0.05057	0.04983	1.25E-04	2.10E-05	2.23E-05	8.63E-04	1.13E-03	7.38E-06	7.26E-06	2.1621E-03
606527.8	4201388.22	44905.84436	0.01228	0.01236	0.05756	0.05847	0.15458	0.15231	2.53E-04	3.08E-06	3.14E-06	2.34E-05	2.37E-05	2.26E-05	2.22E-05	3.0602E-04
606547.8	4201388.22	44308.17224	0.01311	0.01319	0.05979	0.06067	0.14921	0.14699	2.49E-04	3.29E-06	3.36E-06	2.44E-05	2.46E-05	2.18E-05	2.14E-05	3.0488E-04
606567.8	4201388.22	43722.34305	0.01359	0.01368	0.06162	0.06254	0.14415	0.14198	2.46E-04	3.41E-06	3.48E-06	2.51E-05	2.54E-05	2.11E-05	2.07E-05	3.0333E-04
606587.8	4201388.22	43150.2049	0.01403	0.01412	0.06342	0.06439	0.13938	0.13726	2.43E-04	3.52E-06	3.59E-06	2.58E-05	2.61E-05	2.04E-05	2.00E-05	3.0182E-04
606607.8	4201388.22	42574.57011	0.01448	0.01458	0.06533	0.06635	0.13482	0.13275	2.40E-04	3.64E-06	3.71E-06	2.66E-05	2.69E-05	1.97E-05	1.93E-05	3.0038E-04
606627.8	4201388.22	41982.4011	0.01499	0.01509	0.06742	0.0685	0.13043	0.12841	2.36E-04	3.76E-06	3.84E-06	2.75E-05	2.78E-05	1.90E-05	1.87E-05	2.9903E-04
606647.8	4201388.22	41385.16721	0.01553	0.01562	0.06962	0.07077	0.12623	0.12427	2.33E-04	3.90E-06	3.97E-06	2.84E-05	2.87E-05	1.84E-05	1.81E-05	2.9776E-04
606667.8	4201388.22	40781.24907	0.01609	0.0162	0.07194	0.07317	0.12221	0.1203	2.29E-04	4.04E-06	4.12E-06	2.93E-05	2.97E-05	1.78E-05	1.75E-05	2.9657E-04
606687.8	4201388.22	40176.25416	0.01667	0.01677	0.07443	0.07575	0.11838	0.11652	2.26E-04	4.19E-06	4.27E-06	3.03E-05	3.07E-05	1.73E-05	1.70E-05	2.9552E-04
606707.8	4201388.22	39568.22589	0.01727	0.01736	0.07702	0.07843	0.11472	0.11291	2.23E-04	4.34E-06	4.42E-06	3.14E-05	3.18E-05	1.68E-05	1.65E-05	2.9454E-04
606727.8	4201388.22	38961.069	0.01787	0.01794	0.07966	0.08117	0.11124	0.10947	2.19E-04	4.49E-06	4.56E-06	3.24E-05	3.29E-05	1.62E-05	1.60E-05	2.9361E-04
606747.8	4201388.22	38354.49423	0.01814	0.01816	0.08163	0.08325	0.10793	0.1062	2.16E-04	4.56E-06	4.62E-06	3.32E-05	3.38E-05	1.58E-05	1.55E-05	2.9197E-04
606767.8	4201388.22	37710.24313	0.01891	0.01892	0.0848	0.08653	0.10467	0.10299	2.12E-04	4.75E-06	4.81E-06	3.45E-05	3.51E-05	1.53E-05	1.50E-05	2.9135E-04
606787.8	4201388.22	37040.25929	0.02004	0.0199	0.08895	0.09096	0.10149	0.09986	2.08E-04	5.03E-06	5.06E-06	3.62E-05	3.69E-05	1.48E-05	1.46E-05	2.9160E-04
606807.8	4201388.22	36373.51082	0.02103	0.021	0.0931	0.09503	0.09847	0.09688	2.05E-04	5.28E-06	5.34E-06	3.79E-05	3.85E-05	1.44E-05	1.41E-05	2.9172E-04
606827.8	4201388.22	35700.69653	0.0221	0.02209	0.0974	0.09947	0.09556	0.09402	2.01E-04	5.55E-06	5.62E-06	3.97E-05	4.03E-05	1.40E-05	1.37E-05	2.9203E-04
606847.8	4201388.22	35022.43257	0.02329	0.02326	0.10211	0.10429	0.09276	0.09126	1.97E-04	5.85E-06	5.92E-06	4.16E-05	4.23E-05	1.35E-05	1.33E-05	2.9269E-04
606867.8	4201388.22	34342.79083	0.02458	0.02452	0.10718	0.1095	0.09006	0.08861	1.93E-04	6.17E-06	6.24E-06	4.37E-05	4.44E-05	1.32E-05	1.29E-05	2.9369E-04
606887.8	4201388.22	33667.06235	0.02596	0.02588	0.11265	0.11515	0.08748	0.08606	1.89E-04	6.52E-06	6.58E-06	4.59E-05	4.67E-05	1.28E-05	1.25E-05	2.9510E-04
606907.8	4201388.22	32995.37767	0.02747	0.02737	0.11865	0.12136	0.085	0.08362	1.86E-04	6.90E-06	6.96E-06	4.83E-05	4.92E-05	1.24E-05	1.22E-05	2.9704E-04
606927.8	4201388.22	32332.12934	0.0291	0.02897	0.12525	0.12822	0.08261	0.08128	1.82E-04	7.31E-06	7.37E-06	5.10E-05	5.20E-05	1.21E-05	1.18E-05	2.9960E-04
606947.8	4201388.22	31677.54407	0.03084	0.03071	0.13259	0.13588	0.08032	0.07902	1.78E-04	7.75E-06	7.81E-06	5.40E-05	5.51E-05	1.17E-05	1.15E-05	3.0289E-04
606967.8	4201388.22	31033.77365	0.03267	0.03257	0.14077	0.14442	0.07812	0.07686	1.75E-04	8.20E-06	8.29E-06	5.73E-05	5.86E-05	1.14E-05	1.12E-05	3.0700E-04
606987.8	4201388.22	30398.78257	0.0346	0.03456	0.15004	0.15418	0.076	0.07477	1.71E-04	8.69E-06	8.79E-06	6.11E-05	6.25E-05	1.11E-05	1.09E-05	3.1215E-04
607007.8	4201388.22	29768.6049	0.03667	0.03673	0.16076	0.16543	0.07393	0.07274	1.67E-04	9.21E-06	9.34E-06	6.55E-05	6.71E-05	1.08E-05	1.06E-05	3.1861E-04
607027.8	4201388.22	29119.64102	0.03919	0.03943	0.17495	0.18022	0.07187	0.07072	1.64E-04	9.84E-06	1.00E-05	7.13E-05	7.31E-05	1.05E-05	1.03E-05	3.2806E-04
607047.8	4201388.22	28505.89905	0.0415	0.04196	0.19046	0.19676	0.06994	0.06882	1.60E-04	1.04E-05	1.07E-05	7.76E-05	7.98E-05	1.02E-05	1.00E-05	3.3886E-04
607067.8	4201388.22	27904.14758	0.04377	0.04453	0.20885	0.21624	0.06807	0.06698	1.57E-04	1.10E-05	1.13E-05	8.51E-05	8.77E-05	9.94E-06	9.76E-06	3.5209E-04
607087.8	4201388.22	27327.15088	0.04567	0.04673	0.22939	0.23814	0.06629	0.06523	1.54E-04	1.15E-05	1.19E-05	9.34E-05	9.66E-05	9.68E-06	9.51E-06	3.6713E-04
607107.8	4201388.22	26771.39191	0.04744	0.04879	0.25342	0.26391	0.06459	0.06356	1.51E-04	1.19E-05	1.24E-05	1.03E-04	1.07E-04	9.43E-06	9.26E-06	3.8521E-04
607127.8	4201388.22	26228.71242	0.04915	0.05076	0.28227	0.29508	0.06295	0.06195	1.48E-04	1.23E-05	1.29E-05	1.15E-04	1.20E-04	9.19E-06	9.03E-06	4.0748E-04
607147.8	4201388.22	25695.96744	0.05092	0.05271	0.31748	0.33339	0.06136	0.06039	1.45E-04	1.28E-05	1.34E-05	1.29E-04	1.35E-04	8.96E-06	8.80E-06	4.3531E-04
607167.8	4201388.22	25175.98132	0.05288	0.05476	0.36096	0.38127	0.05983	0.05889	1.42E-04	1.33E-05	1.39E-05	1.47E-04	1.55E-04	8.74E-06	8.58E-06	4.7053E-04
607187.8	4201388.22	24670.40666	0.05517	0.05708	0.41595	0.44261	0.05835	0.05744	1.39E-04	1.39E-05	1.45E-05	1.69E-04	1.80E-04	8.52E-06	8.37E-06	5.1613E-04
607207.8	4201388.22	24178.48168	0.05789	0.05984	0.48758	0.52396	0.05693	0.05604	1.36E-04	1.45E-05	1.52E-05	1.99E-04	2.13E-04	8.31E-06	8.17E-06	5.7693E-04
607227.8	4201388.22	23708.88996	0.06096	0.06305	0.58509	0.63756	0.05558	0.05472	1.33E-04	1.53E-05	1.60E-05	2.38E-04	2.59E-04	8.12E-06	7.98E-06	6.6167E-04

607247.8	4201388.22	23246.0998	0.06439	0.06673	0.72364	0.80433	0.05427	0.05343	1.31E-04	1.62E-05	1.70E-05	2.95E-04	3.26E-04	7.93E-06	7.79E-06	7.8495E-04
607267.8	4201388.22	22796.97408	0.06816	0.07081	0.93522	1.07164	0.05301	0.0522	1.28E-04	1.71E-05	1.80E-05	3.81E-04	4.35E-04	7.74E-06	7.61E-06	9.7902E-04
607287.8	4201388.22	22362.28175	0.07226	0.07528	1.29256	1.55898	0.0518	0.05101	1.26E-04	1.81E-05	1.92E-05	5.26E-04	6.32E-04	7.56E-06	7.43E-06	1.3220E-03
607307.8	4201388.22	21932.03458	0.07677	0.08021	1.98836	2.62369	0.05062	0.04985	1.23E-04	1.93E-05	2.04E-05	8.10E-04	1.06E-03	7.39E-06	7.27E-06	2.0373E-03
606527.8	4201408.22	43104.85212	0.01272	0.01282	0.05872	0.05958	0.15797	0.15541	2.42E-04	3.19E-06	3.26E-06	2.39E-05	2.42E-05	2.31E-05	2.27E-05	2.9704E-04
606547.8	4201408.22	42596.25843	0.01308	0.01317	0.06031	0.06121	0.15251	0.15001	2.40E-04	3.28E-06	3.35E-06	2.46E-05	2.48E-05	2.23E-05	2.19E-05	2.9566E-04
606567.8	4201408.22	42082.10854	0.01345	0.01355	0.06197	0.0629	0.14729	0.14487	2.37E-04	3.38E-06	3.45E-06	2.52E-05	2.55E-05	2.15E-05	2.11E-05	2.9432E-04
606587.8	4201408.22	41562.44226	0.01383	0.01393	0.06369	0.06468	0.14231	0.13996	2.34E-04	3.47E-06	3.54E-06	2.59E-05	2.62E-05	2.08E-05	2.04E-05	2.9301E-04
606607.8	4201408.22	41021.71584	0.01428	0.01438	0.06561	0.06665	0.1375	0.13522	2.31E-04	3.59E-06	3.66E-06	2.67E-05	2.70E-05	2.01E-05	1.97E-05	2.9178E-04
606627.8	4201408.22	40464.78436	0.0148	0.01489	0.06771	0.06881	0.13288	0.13066	2.28E-04	3.72E-06	3.79E-06	2.76E-05	2.79E-05	1.94E-05	1.90E-05	2.9064E-04
606647.8	4201408.22	39899.7169	0.01534	0.01543	0.06994	0.07112	0.12845	0.1263	2.24E-04	3.85E-06	3.93E-06	2.85E-05	2.88E-05	1.88E-05	1.84E-05	2.8958E-04
606667.8	4201408.22	39343.87976	0.01588	0.01596	0.07222	0.07348	0.12427	0.12218	2.21E-04	3.99E-06	4.06E-06	2.94E-05	2.98E-05	1.81E-05	1.78E-05	2.8861E-04
606687.8	4201408.22	38784.69552	0.01644	0.01651	0.07463	0.07598	0.12028	0.11825	2.18E-04	4.13E-06	4.20E-06	3.04E-05	3.08E-05	1.76E-05	1.72E-05	2.8774E-04
606707.8	4201408.22	38211.13456	0.01705	0.01712	0.07727	0.0787	0.11645	0.11447	2.15E-04	4.28E-06	4.36E-06	3.15E-05	3.19E-05	1.70E-05	1.67E-05	2.8700E-04
606727.8	4201408.22	37633.59431	0.01769	0.01776	0.08005	0.08159	0.11279	0.11087	2.12E-04	4.44E-06	4.52E-06	3.26E-05	3.31E-05	1.65E-05	1.62E-05	2.8638E-04
606747.8	4201408.22	37057.94694	0.01835	0.01839	0.08288	0.08454	0.10931	0.10745	2.08E-04	4.61E-06	4.68E-06	3.38E-05	3.43E-05	1.60E-05	1.57E-05	2.8582E-04
606767.8	4201408.22	36480.56682	0.01893	0.01889	0.08557	0.08732	0.10599	0.10418	2.05E-04	4.75E-06	4.81E-06	3.49E-05	3.54E-05	1.55E-05	1.52E-05	2.8506E-04
606787.8	4201408.22	35858.07393	0.01987	0.01988	0.08937	0.09126	0.10271	0.10095	2.02E-04	4.99E-06	5.06E-06	3.64E-05	3.70E-05	1.50E-05	1.47E-05	2.8520E-04
606807.8	4201408.22	35249.0269	0.0207	0.02063	0.09288	0.09486	0.09961	0.09791	1.98E-04	5.20E-06	5.25E-06	3.78E-05	3.85E-05	1.45E-05	1.43E-05	2.8506E-04
606827.8	4201408.22	34613.20279	0.02182	0.02178	0.09735	0.09944	0.09658	0.09493	1.95E-04	5.48E-06	5.54E-06	3.97E-05	4.03E-05	1.41E-05	1.38E-05	2.8573E-04
606847.8	4201408.22	33977.74878	0.023	0.02293	0.10203	0.10427	0.09369	0.09209	1.91E-04	5.78E-06	5.83E-06	4.16E-05	4.23E-05	1.37E-05	1.34E-05	2.8661E-04
606867.8	4201408.22	33341.22161	0.02426	0.02417	0.10706	0.10945	0.09091	0.08936	1.88E-04	6.09E-06	6.15E-06	4.36E-05	4.44E-05	1.33E-05	1.30E-05	2.8782E-04
606887.8	4201408.22	32704.9296	0.02565	0.02553	0.11255	0.11511	0.08824	0.08674	1.84E-04	6.44E-06	6.50E-06	4.58E-05	4.67E-05	1.29E-05	1.26E-05	2.8946E-04
606907.8	4201408.22	32074.13876	0.02712	0.02699	0.1185	0.12126	0.08568	0.08423	1.80E-04	6.81E-06	6.87E-06	4.83E-05	4.92E-05	1.25E-05	1.23E-05	2.9157E-04
606927.8	4201408.22	31437.03862	0.0288	0.02866	0.12524	0.1283	0.0832	0.08179	1.77E-04	7.23E-06	7.29E-06	5.10E-05	5.20E-05	1.22E-05	1.19E-05	2.9444E-04
606947.8	4201408.22	30820.96434	0.03046	0.03034	0.1325	0.13587	0.08085	0.07948	1.73E-04	7.65E-06	7.72E-06	5.40E-05	5.51E-05	1.18E-05	1.16E-05	2.9784E-04
606967.8	4201408.22	30213.06765	0.03218	0.03212	0.14063	0.14437	0.07859	0.07726	1.70E-04	8.08E-06	8.17E-06	5.73E-05	5.86E-05	1.15E-05	1.13E-05	3.0207E-04
606987.8	4201408.22	29611.88397	0.03398	0.034	0.14995	0.15406	0.07641	0.07512	1.67E-04	8.53E-06	8.65E-06	6.11E-05	6.25E-05	1.12E-05	1.09E-05	3.0734E-04
607007.8	4201408.22	28990.13726	0.03614	0.0363	0.16177	0.16638	0.07424	0.073	1.63E-04	9.08E-06	9.24E-06	6.59E-05	6.75E-05	1.08E-05	1.06E-05	3.1478E-04
607027.8	4201408.22	28362.21095	0.03848	0.03886	0.17636	0.18183	0.07212	0.07092	1.60E-04	9.66E-06	9.89E-06	7.18E-05	7.38E-05	1.05E-05	1.03E-05	3.2470E-04
607047.8	4201408.22	27787.53226	0.04024	0.04083	0.19111	0.19737	0.07016	0.069	1.56E-04	1.01E-05	1.04E-05	7.78E-05	8.01E-05	1.02E-05	1.01E-05	3.3472E-04
607067.8	4201408.22	27230.28033	0.04189	0.04273	0.20808	0.21532	0.06829	0.06716	1.53E-04	1.05E-05	1.09E-05	8.48E-05	8.73E-05	9.97E-06	9.79E-06	3.4668E-04
607087.8	4201408.22	26688.06309	0.04342	0.04452	0.22788	0.23639	0.06649	0.06539	1.50E-04	1.09E-05	1.13E-05	9.28E-05	9.59E-05	9.71E-06	9.53E-06	3.6108E-04
607107.8	4201408.22	26163.65771	0.04488	0.04621	0.25122	0.26136	0.06477	0.0637	1.47E-04	1.13E-05	1.18E-05	1.02E-04	1.06E-04	9.46E-06	9.28E-06	3.7856E-04
607127.8	4201408.22	25652.87993	0.04632	0.04783	0.2792	0.29147	0.06311	0.06207	1.44E-04	1.16E-05	1.22E-05	1.14E-04	1.18E-04	9.22E-06	9.05E-06	4.0007E-04
607147.8	4201408.22	25149.9273	0.04788	0.04948	0.31331	0.32842	0.0615	0.0605	1.41E-04	1.20E-05	1.26E-05	1.28E-04	1.33E-04	8.98E-06	8.82E-06	4.2694E-04
607167.8	4201408.22	24657.5603	0.04966	0.05129	0.35548	0.37448	0.05995	0.05898	1.39E-04	1.25E-05	1.30E-05	1.45E-04	1.52E-04	8.75E-06	8.60E-06	4.6094E-04
607187.8	4201408.22	24175.83985	0.05178	0.05341	0.40875	0.43334	0.05846	0.05751	1.36E-04	1.30E-05	1.36E-05	1.66E-04	1.76E-04	8.54E-06	8.38E-06	5.0487E-04
607207.8	4201408.22	23706.42351	0.05424	0.05592	0.47785	0.51085	0.05701	0.0561	1.33E-04	1.36E-05	1.42E-05	1.95E-04	2.07E-04	8.33E-06	8.18E-06	5.6307E-04
607227.8	4201408.22	23252.09612	0.05702	0.05884	0.57107	0.61753	0.05563	0.05474	1.31E-04	1.43E-05	1.50E-05	2.33E-04	2.51E-04	8.12E-06	7.98E-06	6.4320E-04
607247.8	4201408.22	22813.56255	0.06009	0.06213	0.70348	0.77329	0.05431	0.05345	1.28E-04	1.51E-05	1.58E-05	2.87E-04	3.14E-04	7.93E-06	7.79E-06	7.5946E-04
607267.8	4201408.22	22394.08813	0.06334	0.06566	0.90513	1.02084	0.05305	0.05222	1.26E-04	1.59E-05	1.67E-05	3.69E-04	4.14E-04	7.75E-06	7.61E-06	9.4137E-04
607287.8	4201408.22	21980.04377	0.06695	0.06955	1.23794	1.45686	0.05183	0.05102	1.24E-04	1.68E-05	1.77E-05	5.04E-04	5.91E-04	7.57E-06	7.44E-06	1.2534E-03
607307.8	4201408.22	21569.25027	0.07088	0.07385	1.86778	2.36873	0.05064	0.04985	1.21E-04	1.78E-05	1.88E-05	7.61E-04	9.61E-04	7.40E-06	7.27E-06	1.8796E-03
606533.18	4201421.18	41917.38214	0.01273	0.01283	0.05932	0.06018	0.15869	0.15596	2.36E-04	3.20E-06	3.26E-06	2.42E-05	2.44E-05	2.32E-05	2.27E-05	2.9085E-04
606553.18	4201421.18	41453.99134	0.01303	0.01311	0.06087	0.0618	0.1532	0.15056	2.33E-04	3.27E-06	3.34E-06	2.48E-05	2.51E-05	2.24E-05	2.19E-05	2.8968E-04
606573.18	4201421.18	40957.03408	0.01341	0.01349	0.06256	0.06352	0.14786	0.1453	2.30E-04	3.37E-06	3.43E-06	2.55E-05	2.58E-05	2.16E-05	2.12E-05	2.8846E-04
606593.18	4201421.18	40457.026	0.01379	0.01388	0.06431	0.06533	0.14278	0.1403	2.28E-04	3.46E-06	3.53E-06	2.62E-05	2.65E-05	2.09E-05	2.04E-05	2.8729E-04
606613.18	4201421.18	39940.29084	0.01425	0.01433	0.06623	0.06731	0.13789	0.13548	2.25E-04	3.58E-06	3.65E-06	2.70E-05	2.73E-05	2.01E-05	1.97E-05	2.8620E-04
606633.18	4201421.18	39395.72478	0.01479	0.01486	0.06841	0.06956	0.13315	0.13082	2.22E-04	3.71E-06	3.78E-06	2.79E-05	2.82E-05	1.94E-05	1.91E-05	2.8520E-04
606653.18	4201421.18	38838.25991	0.01537	0.01546	0.07076	0.072	0.1286	0.12634	2.18E-04	3.86E-06	3.93E-06	2.88E-05	2.92E-05	1.88E-05	1.84E-05	2.8431E-04
606673.18	4201421.18	38298.64322	0.01593	0.01601	0.07313	0.07445	0.12433	0.12215	2.15E-04	4.00E-06	4.07E-06	2.98E-05	3.02E-05	1.82E-05	1.78E-05	2.8352E-04
606693.18	4201421.18	37769.76458	0.01647	0.01654	0.07557	0.07694	0.12031	0.11819	2.12E-04	4.14E-06	4.21E-06	3.08E-05	3.12E-05	1.76E-05	1.72E-05	2.8282E-04
606713.18	4201421.18	37220.98016	0.0171	0.01715	0.07821	0.07971	0.11643	0.11438	2.09E-04	4.29E-06	4.36E-06	3.19E-05	3.23E-05	1.70E-05	1.67E-05	2.8224E-04
606727.8	4201423.25	36689.70065	0.01755	0.01759	0.0803	0.08185	0.11385	0.11183	2.06E-04	4.41E-06	4.48E-06	3.27E-05	3.32E-05	1.66E-05	1.63E-05	2.8120E-04
606747.8	4201423.25	36138.45658	0.01822	0.01826	0.0832	0.08488	0.11026	0.1083	2.03E-04	4.58E-06	4.65E-06	3.39E-05	3.44E-05	1.61E-05	1.58E-05	2.8085E-04
606767.8	4201423.25	35584.5705	0.01892	0.01893	0.08617	0.08798	0.10684	0.10494	2.00E-04	4.75E-06	4.82E-06	3.51E-05	3.57E-05	1.56E-05	1.53E-05	2.8054E-04
606787.8	4201423.25	35009.7942	0.01974	0.01973	0.08956	0.09149	0.10352	0.10168	1.97E-04	4.96E-06	5.02E-06	3.65E-05	3.71E-05	1.51E-05	1.48E-05	2.8052E-04
606807.8	4201423.25	34441.85711	0.02048	0.02032	0.09268	0.09472	0.10038	0.0986	1.94E-04	5.14E-06	5.17E-06	3.77E-05	3.84E-05	1.47E-05	1.44E-05	2.8025E-04
606827.8	4201428.22	33590.78959	0.02149	0.0214	0.09694	0.0991	0.0975	0.09575	1.89E-04	5.40E-06	5.44E-06	3.95E-05	4.02E-05	1.42E-05	1.40E-05	2.7950E-04
606847.8	4201428.22	32988.7221	0.02271	0.02261	0.10184	0.10415	0.0945	0.09281	1.86E-04	5.70E-06	5.75E-06	4.15E-05	4.22E-05	1.38E-05	1.35E-05	2.8077E-04
606867.8	4201428.22	32392.10993	0.02395	0.02383	0.10682	0.10928	0.09164	0.09001	1.82E-04	6.01E-06	6.06E-06	4.35E-05	4.43E-05	1.34E-05	1.31E-05	2.8214E-04
606887.8	4201428.22	31793.54394	0.02531	0.02518	0.11229	0.11493	0.0889	0.08732	1.79E-04	6.36E-06	6.41E-06	4.57E-05	4.66E-05	1.30E-05	1.27E-05	2.8398E-04
606907.8	4201428.22	31172.69392	0.02693	0.0268	0.11887	0.12174	0.08621	0.08468	1.75E-04	6.76E-06	6.82E-06	4.84E-05	4.94E-05	1.26E-05	1.23E-05	2.8675E-04
606927.8	4201428.22	30537.04321	0.02881	0.0287	0.12636	0.12945	0.08358	0.08211	1.72E-04	7.24E-06	7.30E-06	5.15E-05	5.25E-05	1.22E-05	1.20E-05	2.9031E-04
606947.8	4201428.22	29937.84007	0.03058	0.03051	0.13427	0.13775	0.08114	0.07971	1.68E-04	7.68E-06	7.76E-06	5.47E-05	5.59E-05	1.18E-05	1.16E-05	2.9443E-04
606967.8	4201428.22	29356.74326	0.03225	0.03228	0.14275	0.14661	0.07881	0.07743	1.65E-04	8.10E-06	8.21E-06	5.81E-05	5.95E-05	1.15E-05	1.13E-05	2.9908E-04
606987.8	4201428.22	28773.05427	0.03394	0.03408	0.15261	0.15689	0.07656	0.07522	1.62E-04	8.52E-06	8.67E-06	6.22E-05	6.36E-05	1.12E-05	1.10E-05	3.0487E-04
607007.8	4201428.22	28186.46577	0.03559	0.03587	0.1639	0.16871	0.07436	0.07306	1.59E-04	8.94E-06	9.13E-06	6.68E-05	6.84E-05	1.09E-05	1.06E-05	3.1183E-04
607027.8	4201428.22	27619.9436	0.03712	0.03757	0.17639	0.18183	0.07227	0.07102	1.55E-04	9.32E-06	9.56E-06	7.18E-05	7.38E-05	1.06E-05	1.04E-05	3.1987E-04
607047.8	4201428.22	27087.83909	0.03857	0.03923	0.19049	0.19668	0.07031	0.06909	1.52E-04	9.69E-06	9.98E-06	7.76E-05	7.98E-05	1.03E-05	1.01E-05	3.2943E-04
607067.8	4201428.22	26576.32892	0.03993	0.04082	0.20677	0.21395	0.06844	0.06726	1.50E-04	1.00E-05	1.04E-05	8.42E-05	8.68E-05	9.99E-06	9.80E-06	3.4093E-04
607087.8	4201428.22	26070.86382	0.0412	0.0423	0.22589	0.23428	0.06663	0.06549	1.47E-04	1.03E-05	1.08E-05	9.20E-05	9.50E-05	9.73E-06	9.55E-06	3.5482E-04
607107.8	4201428.22	25575.00896	0.04243	0.0437	0.24853	0.25845	0.06488	0.06378	1.44E-04	1.07E-05	1.11E-05	1.01E-04	1.05E-04	9.47E-06	9.30E-06	3.7172E-04
607127.8	4201428.22	25092.66277	0.04371	0.04508	0.27561	0.28749	0.06321	0.06214	1.41E-04	1.10E-05	1.15E-05	1.12E-04	1.17E-04	9.23E-06	9.06E-06	3.9249E-04
607147.8	4201428.22	24619.51312	0.04512	0.04654	0.30851	0.32299	0.06159	0.06056	1.39E-04	1.13E-05	1.18E-05	1.26E-04	1.31E-04	8.99E-06	8.83E-06	4.1835E-04
607167.8	4201428.22	24152.44104	0.04678	0.04819	0.34915	0.36716	0.06003	0.05902	1.36E-04	1.17E-05	1.23E-05	1.42E-04	1.49E-04	8.77E-06	8.60E-06	4.5103E-04
607187.8	4201428.22	23692.03151	0.04872	0.05013	0.40034	0.42328	0.05851	0.05754	1.33E-04	1.22E-05	1.28E-05	1.63E-04	1.72E-04	8.54E-06	8.39E-06	4.9304E-04
607207.8	4201428.22	23244.33081	0.05095	0.05242	0.46655	0.49668	0.05705	0.05611	1.31E-04	1.28E-05	1.33E-05	1.90E-04	2.01E-04	8.33E-06	8.18E-06	5.4841E-04
607227.8	4201428.22	22809.60038	0.05345	0.05505	0.55529	0.59667	0.05565	0.05474	1.28E-04	1.34E-05	1.40E-05	2.26E-04	2.42E-04	8.13E-06	7.98E-06	6.2396E-04
607247.8	4201428.22	22395.87696	0.0562	0.058	0.68118	0.74188	0.05432	0.05344	1.26E-04	1.41E-05	1.48E-05	2.77E-04	3.01E-04	7.93E-06	7.79E-06	7.3326E-04
607267.8	4201428.22	22003.02639	0.05906	0.0611	0.87122	0.96824	0.05307	0.05221	1.24E-04	1.48E-05	1.55E-05	3.55E-04	3.93E-04	7.75E-06	7.61E-06	9.0178E-04
607287.8	4201428.22	21602.6431	0.06228	0.06454	1.17803	1.35098	0.05182	0.05099	1.22E-04	1.56E-05	1.64E-05	4.80E-04	5.48E-04	7.57E-06	7.43E-06	1.1814E-03
607307.8	4201428.22	21211.20141	0.06574	0.06832	1.74669	2.11236	0.05062	0.04982	1.19E-04	1.65E-05	1.74E-05	7.11E-04	8.57E-04	7.39E-06	7.26E-06	1.7215E-03
606357.31	4200991.9	164326.6741	0.01936	0.01997	0.04194	0.04193	0.05549	0.0574	9.24E-04	4.86E-06	5.08E-06	1.71E-05	1.70E-05	8.10E-06	8.37E-06	9.6849E-04
606373.3	4200990.76	163923.3575	0.01998	0.02061	0.04263	0.04261	0.0557	0.05756	9.22E-04	5.02E-06	5.24E-06	1.74E-05	1.73E-05	8.13E-06	8.39E-06	9.6709E-04
606393.3	4200990.76	161959.5082	0.02064	0.02131	0.04354	0.04351	0.05627	0.05807	9.11E-04	5.18E-06	5.42E-06	1.77E-05	1.76E-05	8.22E-06	8.46E-06	9.5713E-04
606413.3	4200990.76	159485.0526	0.02134	0.02204	0.04449	0.04446	0.05678	0.05851	8.97E-04	5.36E-06	5.61E-06	1.81E-05	1.80E-05	8.29E-06	8.53E-06	9.4434E-04
606433.3	4200990.76	156504.9214	0.0221	0.02283	0.04549	0.04545	0.05722	0.05888	8.80E-04	5.55E-06	5.81E-06	1.85E-05	1.84E-05	8.36E-06	8.58E-06	9.2877E-04
606453.3	4200990.76	153170.2675	0.02291	0.02369	0.04655	0.04649	0.05759	0.05918	8.62E-04	5.75E-06	6.03E-06	1.90E-05	1.89E-05	8.41E-06	8.63E-06	9.1129E-04
606473.3	4200990.76	149741.2361	0.02378	0.02461	0.04765	0.04752	0.0579	0.05942	8.42E-04	5.97E-06	6.26E-06	1.94E-05	1.93E-05	8.46E-06	8.66E-06	8.9332E-04
606493.3	4200990.76	146453.9598	0.02466	0.02555	0.04863	0.04822	0.05815	0.05959	8.24E-04	6.19E-06	6.50E-06	1.98E-05	1.96E-05	8.49E-06	8.69E-06	8.7597E-04
606513.3	4200990.76	143553.6835	0.02566	0.02654	0.04975	0.0494	0.05834	0.05971	8.08E-04	6.44E-06	6.75E-06	2.03E-05	2.00E-05	8.52E-06	8.70E-06	8.6109E-04
606355.59	4201005.6	153451.2372	0.01844	0.01901	0.04216	0.0422	0.05877	0.06076	8.63E-04	4.63E-06	4.84E-06	1.72E-05	1.71E-05	8.58E-06	8.86E-06	9.0703E-04
606375.59	4201005.6	151781.5209	0.01908	0.01968	0.0431	0.04313	0.05936	0.06128	8.54E-04	4.79E-06	5.01E-06	1.76E-05	1.75E-05	8.67E-06	8.93E-06	8.9873E-04
606393.3	4201010.76	146364.1917	0.01933	0.01994	0.04407	0.04412	0.06109	0.06295	8.23E-04	4.85E-06	5.07E-06	1.80E-05	1.79E-05	8.92E-06	9.18E-06	8.6918E-04
606413.3	4201010.76	144206.3253	0.02	0.02065	0.04508	0.04512	0.0615	0.06329	8.11E-04	5.02E-06	5.25E-06	1.84E-05	1.83E-05	8.98E-06	9.22E-06	8.5820E-04
606433.3	4201010.76	141720.0644	0.02073	0.0214	0.04614	0.04618	0.06184	0.06354	7.97E-04	5.21E-06	5.44E-06	1.88E-05	1.87E-05	9.03E-06	9.26E-06	8.4545E-04
606453.3	4201010.76	139017.1707	0.02148	0.0222	0.04724	0.04727	0.06211	0.06372	7.82E-04	5.39E-06	5.65E-06	1.92E-05	1.92E-05	9.07E-06	9.29E-06	8.3153E-04
606473.3	4201010.76	136202.128	0.02229	0.02305	0.0484	0.04842	0.06231	0.06384	7.66E-04	5.60E-06	5.86E-06	1.97E-05	1.96E-05	9.10E-06	9.31E-06	8.1705E-04
606493.3	4201010.76	133480.254	0.02312	0.02392	0.0496	0.04961	0.06245	0.0639	7.51E-04	5.81E-06	6.09E-06	2.02E-05	2.01E-05	9.12E-06	9.31E-06	8.0314E-04
606513.3	4201010.76	130960.5585	0.02397	0.02482	0.05085	0.05085	0.06253	0.0639	7.37E-04	6.02E-06	6.31E-06	2.07E-05	2.06E-05	9.13E-06	9.31E-06	7.9042E-04
606320.15	4201003.05	158124.317	0.01742	0.01794	0.04046	0.0405	0.05691	0.059	8.90E-04	4.37E-06	4.56E-06	1.65E-05	1.64E-05	8.31E-06	8.60E-06	9.3141E-04
606340.15	4201003.05	156664.0645	0.01806	0.01861	0.04138	0.04141	0.05763	0.05966	8.81E-04	4.54E-06	4.73E-06	1.69E-05	1.68E-05	8.42E-06	8.70E-06	9.2427E-04
608186.19	4200779.15	13106.50739	0.24446	0.24794	0.03845	0.03706	0.02131	0.02122	7.37E-05	6.14E-05	6.31E-05	1.57E-05	1.50E-05	3.11E-06	3.09E-06	2.2890E-04
608186.19	4200786.75	13085.48383	0.24131	0.2448	0.0392	0.03779	0.02138	0.02129	7.36E-05	6.06E-05	6.23E-05	1.60E-05	1.53E-05	3.12E-06	3.10E-06	2.2780E-04
608186.19	4200794.35	13064.55072	0.23818	0.24167	0.03996	0.03853	0.02145	0.02135	7.35E-05	5.98E-05	6.15E-05	1.63E-05	1.56E-05	3.13E-06	3.11E-06	2.2671E-04
608186.19	4200801.95	13043.72467	0.23508	0.23856	0.04072	0.03928	0.02152	0.02142	7.34E-05	5.90E-05	6.07E-05	1.66E-05	1.59E-05	3.14E-06	3.12E-06	2.2563E-04
608186.19	4200809.55	13022.5124	0.23199	0.23547	0.0415	0.04003	0.02159	0.02148	7.33E-05	5.83E-05	5.99E-05	1.69E-05	1.62E-05	3.15E-06	3.13E-06	2.2457E-04
608186.19	4200817.15	13001.0077	0.22892	0.2324	0.04227	0.04079	0.02165	0.02154	7.31E-05	5.75E-05	5.91E-05	1.72E-05	1.65E-05	3.16E-06	3.14E-06	2.2352E-04
608186.19	4200824.75	12979.08833	0.22588	0.22936	0.04306	0.04155	0.02171	0.0216	7.30E-05	5.67E-05	5.84E-05	1.75E-05	1.69E-05	3.17E-06	3.15E-06	2.2249E-04
608186.19	4200832.35	12956.9739	0.22286	0.22633	0.04384	0.04232	0.02177	0.02166	7.29E-05	5.60E-05	5.76E-05	1.79E-05	1.72E-05	3.18E-06	3.16E-06	2.2147E-04
608186.19	4200839.95	12934.56233	0.21987	0.22333	0.04463	0.0431	0.02183	0.02172	7.28E-05	5.52E-05	5.68E-05	1.82E-05	1.75E-05	3.19E-06	3.17E-06	2.2047E-04
608186.19	4200847.55	12911.89469	0.21691	0.22036	0.04542	0.04387	0.02189	0.02177	7.26E-05	5.45E-05	5.61E-05	1.85E-05	1.78E-05	3.20E-06	3.17E-06	2.1947E-04
608186.19	4200855.15	12888.82463	0.21397	0.21741	0.04622	0.04465	0.02195	0.02183	7.25E-05	5.37E-05	5.53E-05	1.88E-05	1.81E-05	3.21E-06	3.18E-06	2.1850E-04
608186.19	4200862.75	12865.39663	0.21106	0.21449	0.04702	0.04544	0.022	0.02188	7.24E-05	5.30E-05	5.46E-05	1.92E-05	1.84E-05	3.21E-06	3.19E-06	2.1754E-04
608186.19	4200870.35	12841.66739	0.20818	0.2116	0.04782	0.04623	0.02206	0.02193	7.22E-05	5.23E-05	5.38E-05	1.95E-05	1.88E-05	3.22E-06	3.20E-06	2.1659E-04
608193.06	4200733.55	13157.31124	0.25862	0.26198	0.03401	0.03278	0.02079	0.02072	7.40E-05	6.50E-05	6.67E-05	1.39E-05	1.33E-05	3.04E-06	3.02E-06	2.3277E-04
608193.06	4200741.15	13137.48008	0.25551	0.25888	0.03471	0.03345	0.02087	0.02079	7.39E-05	6.42E-05	6.59E-05	1.41E-05	1.36E-05	3.05E-06	3.03E-06	2.3165E-04
608193.06	4200748.75	13117.51548	0.2524	0.25578	0.03542	0.03414	0.02095	0.02087	7.38E-05	6.34E-05	6.51E-05	1.44E-05	1.38E-05	3.06E-06	3.04E-06	2.3054E-04
608193.06	4200756.35	13097.70672	0.2493	0.25269	0.03613	0.03483	0.02102	0.02094	7.37E-05	6.26E-05	6.43E-05	1.47E-05	1.41E-05	3.07E-06	3.05E-06	2.2943E-04
608193.06	4200763.95	13077.97015	0.24621	0.2496	0.03686	0.03553	0.02109	0.02101	7.36E-05	6.18E-05	6.35E-05	1.50E-05	1.44E-05	3.08E-06	3.06E-06	2.2834E-04
608193.06	4200771.55	13057.98157	0.24313	0.24653	0.03759	0.03624	0.02117	0.02108	7.35E-05	6.11E-05	6.27E-05	1.53E-05	1.47E-05	3.09E-06	3.07E-06	2.2726E-04
608193.06	4200779.15	13037.41562	0.24007	0.24347	0.03833	0.03696	0.02124	0.02114	7.33E-05	6.03E-05	6.19E-05	1.56E-05	1.50E-05	3.10E-06	3.08E-06	2.2619E-04
608193.06	4200786.75	13016.63096	0.23701	0.24041	0.03907	0.03768	0.02131	0.02121	7.32E-05	5.95E-05	6.12E-05	1.59E-05	1.53E-05	3.11E-06	3.09E-06	2.2512E-04
608193.06	4200794.35	12995.93646	0.23397	0.23738	0.03982	0.03841	0.02137	0.02128	7.31E-05	5.88E-05	6.04E-05	1.62E-05	1.56E-05	3.12E-06	3.10E-06	2.2407E-04
608193.06	4200801.95	12975.03374	0.23096	0.23436	0.04058	0.03915	0.02144	0.02134	7.30E-05	5.80E-05	5.96E-05	1.65E-05	1.59E-05	3.13E-06	3.11E-06	2.2303E-04
608193.06	4200809.55	12953.86024	0.22796	0.23136	0.04134	0.03989	0.02151	0.0214	7.29E-05	5.73E-05	5.89E-05	1.68E-05	1.62E-05	3.14E-06	3.12E-06	2.2201E-04
608193.06	4200817.15	12932.60933	0.22498	0.22838	0.0421	0.04064	0.02157	0.02146	7.28E-05	5.65E-05	5.81E-05	1.71E-05	1.65E-05	3.15E-06	3.13E-06	2.2100E-04
608193.06	4200824.75	12911.24853	0.22203	0.22543	0.04287	0.04139	0.02163	0.02152	7.26E-05	5.58E-05	5.74E-05	1.75E-05	1.68E-05	3.16E-06	3.14E-06	2.2000E-04
608193.06	4200832.35	12889.58465	0.2191	0.22249	0.04365	0.04215	0.02169	0.02158	7.25E-05	5.50E-05	5.66E-05	1.78E-05	1.71E-05	3.17E-06	3.15E-06	2.1902E-04
608193.06	4200839.95	12867.43578	0.21619	0.21958	0.04442	0.04291	0.02175	0.02163	7.24E-05	5.43E-05	5.59E-05	1.81E-05	1.74E-05	3.18E-06	3.15E-06	2.1805E-04
608193.06	4200847.55	12845.0281	0.21331	0.21669	0.04521	0.04368	0.02181	0.02169	7.23E-05	5.36E-05	5.51E-05	1.84E-05	1.77E-05	3.19E-06	3.16E-06	2.1710E-04
608193.06	4200855.15	12822.23822	0.21046	0.21382	0.04599	0.04445	0.02186	0.02174	7.21E-05	5.29E-05	5.44E-05	1.87E-05	1.80E-05	3.19E-06	3.17E-06	2.1615E-04
608193.06	4200862.75	12799.06652	0.20763	0.21098	0.04678	0.04522	0.02192	0.02179	7.20E-05	5.21E-05	5.37E-05	1.91E-05	1.83E-05	3.20E-06	3.18E-06	2.1522E-04
608193.06	4200870.35	12775.7131	0.20483	0.20817	0.04757	0.046	0.02197	0.02184	7.19E-05	5.14E-05	5.30E-05	1.94E-05	1.87E-05	3.21E-06	3.18E-06	2.1431E-04
608199.93	4200733.55	13087.42709	0.25375	0.25703	0.03394	0.03273	0.02072	0.02065	7.36E-05	6.37E-05	6.54E-05	1.38E-05	1.33E-05	3.03E-06	3.01E-06	2.2985E-04
608199.93	4200741.15	13067.92661	0.25074	0.25403	0.03464	0.0334	0.0208	0.02072	7.35E-05	6.30E-05	6.46E-05	1.41E-05	1.35E-05	3.04E-06	3.02E-06	2.2878E-04
608199.93	4200748.75	13048.07749	0.24773	0.25103	0.03533	0.03407	0.02087	0.02079	7.34E-05	6.22E-05	6.39E-05	1.44E-05	1.38E-05	3.05E-06	3.03E-06	2.2770E-04
608199.93	4200756.35	13028.50168	0.24473	0.24804	0.03604	0.03476	0.02095	0.02086	7.33E-05	6.15E-05	6.31E-05	1.47E-05	1.41E-05	3.06E-06	3.04E-06	2.2664E-04
608199.93	4200763.95	13009.08419	0.24174	0.24505	0.03676	0.03545	0.02102	0.02093	7.32E-05	6.07E-05	6.23E-05	1.50E-05	1.44E-05	3.07E-06	3.05E-06	2.2560E-04
608199.93	4200771.55	12989.31537	0.23875	0.24207	0.03748	0.03615	0.02109	0.021	7.31E-05	6.00E-05	6.16E-05	1.53E-05	1.47E-05	3.08E-06	3.06E-06	2.2455E-04
608199.93	4200779.15	12968.98376	0.23578	0.2391	0.03821	0.03685	0.02116	0.02107	7.30E-05	5.92E-05	6.08E-05	1.56E-05	1.49E-05	3.09E-06	3.07E-06	2.2352E-04
608199.93	4200786.75	12948.53374	0.23282	0.23614	0.03894	0.03757	0.02123	0.02113	7.28E-05	5.85E-05	6.01E-05	1.59E-05	1.52E-05	3.10E-06	3.08E-06	2.2250E-04
608199.93	4200794.35	12927.96977	0.22987	0.2332	0.03968	0.03829	0.0213	0.0212	7.27E-05	5.77E-05	5.93E-05	1.62E-05	1.55E-05	3.11E-06	3.09E-06	2.2149E-04
608199.93	4200801.95	12907.19952	0.22694	0.23027	0.04042	0.03902	0.02136	0.02126	7.26E-05	5.70E-05	5.86E-05	1.65E-05	1.58E-05	3.12E-06	3.10E-06	2.2048E-04
608199.93	4200809.55	12886.17044	0.22402	0.22735	0.04117	0.03975	0.02143	0.02132	7.25E-05	5.63E-05	5.78E-05	1.68E-05	1.61E-05	3.13E-06	3.11E-06	2.1949E-04
608199.93	4200817.15	12865.06477	0.22113	0.22446	0.04193	0.04049	0.02149	0.02138	7.24E-05	5.55E-05	5.71E-05	1.71E-05	1.64E-05	3.14E-06	3.12E-06	2.1852E-04
608199.93	4200824.75	12843.84008	0.21827	0.22159	0.04269	0.04123	0.02155	0.02144	7.23E-05	5.48E-05	5.64E-05	1.74E-05	1.67E-05	3.15E-06	3.12E-06	2.1756E-04
608199.93	4200832.35	12822.62254	0.21543	0.21874	0.04345	0.04198	0.02161	0.02149	7.21E-05	5.41E-05	5.57E-05	1.77E-05	1.70E-05	3.16E-06	3.13E-06	2.1662E-04
608199.93	4200839.95	12800.83616	0.2126	0.21591	0.04422	0.04273	0.02167	0.02155	7.20E-05	5.34E-05	5.49E-05	1.80E-05	1.73E-05	3.16E-06	3.14E-06	2.1568E-04
608199.93	4200847.55	12778.792	0.2098	0.2131	0.04499	0.04348	0.02172	0.0216	7.19E-05	5.27E-05	5.42E-05	1.83E-05	1.76E-05	3.17E-06	3.15E-06	2.1476E-04
608199.93	4200855.15	12756.27365	0.20703	0.21031	0.04576	0.04424	0.02178	0.02165	7.18E-05	5.20E-05	5.35E-05	1.86E-05	1.79E-05	3.18E-06	3.16E-06	2.1385E-04
608199.93	4200862.75	12733.35961	0.20428	0.20755	0.04654	0.045	0.02183	0.0217	7.16E-05	5.13E-05	5.28E-05	1.90E-05	1.83E-05	3.19E-06	3.16E-06	2.1295E-04
608199.93	4200870.35	12710.26844	0.20155	0.20482	0.04732	0.04577	0.02188	0.02175	7.15E-05	5.06E-05	5.21E-05	1.93E-05	1.86E-05	3.20E-06	3.17E-06	2.1207E-04
608206.8	4200733.55	13018.21097	0.24901	0.25222	0.03388	0.03267	0.02065	0.02058	7.32E-05	6.25E-05	6.42E-05	1.38E-05	1.33E-05	3.02E-06	3.00E-06	2.2700E-04
608206.8	4200741.15	12999.03498	0.2461	0.24932	0.03456	0.03333	0.02073	0.02065	7.31E-05	6.18E-05	6.34E-05	1.41E-05	1.35E-05	3.03E-06	3.01E-06	2.2597E-04
608206.8	4200748.75	12979.49821	0.24318	0.24641	0.03525	0.034	0.0208	0.02072	7.30E-05	6.11E-05	6.27E-05	1.44E-05	1.38E-05	3.04E-06	3.02E-06	2.2493E-04
608206.8	4200756.35	12959.94834	0.24027	0.24351	0.03595	0.03468	0.02088	0.02079	7.29E-05	6.03E-05	6.20E-05	1.46E-05	1.41E-05	3.05E-06	3.03E-06	2.2392E-04
608206.8	4200763.95	12940.6424	0.23737	0.24061	0.03665	0.03536	0.02095	0.02086	7.28E-05	5.96E-05	6.12E-05	1.49E-05	1.43E-05	3.06E-06	3.04E-06	2.2290E-04
608206.8	4200771.55	12921.19893	0.23448	0.23773	0.03737	0.03606	0.02102	0.02093	7.27E-05	5.89E-05	6.05E-05	1.52E-05	1.46E-05	3.07E-06	3.05E-06	2.2191E-04
608206.8	4200779.15	12901.20277	0.2316	0.23485	0.03808	0.03676	0.02109	0.02099	7.26E-05	5.82E-05	5.98E-05	1.55E-05	1.49E-05	3.08E-06	3.06E-06	2.2092E-04
608206.8	4200786.75	12880.98223	0.22872	0.23197	0.03881	0.03746	0.02115	0.02106	7.25E-05	5.74E-05	5.90E-05	1.58E-05	1.52E-05	3.09E-06	3.07E-06	2.1993E-04
608206.8	4200794.35	12860.64545	0.22586	0.22912	0.03954	0.03817	0.02122	0.02112	7.24E-05	5.67E-05	5.83E-05	1.61E-05	1.55E-05	3.10E-06	3.08E-06	2.1896E-04
608206.8	4200801.95	12840.10502	0.22302	0.22627	0.04027	0.03889	0.02128	0.02118	7.22E-05	5.60E-05	5.76E-05	1.64E-05	1.58E-05	3.11E-06	3.09E-06	2.1799E-04
608206.8	4200809.55	12819.42065	0.22019	0.22344	0.04101	0.03961	0.02135	0.02124	7.21E-05	5.53E-05	5.68E-05	1.67E-05	1.61E-05	3.12E-06	3.10E-06	2.1704E-04
608206.8	4200817.15	12798.45715	0.21738	0.22063	0.04176	0.04034	0.02141	0.0213	7.20E-05	5.46E-05	5.61E-05	1.70E-05	1.64E-05	3.13E-06	3.10E-06	2.1610E-04
608206.8	4200824.75	12777.16387	0.21459	0.21784	0.04251	0.04107	0.02147	0.02136	7.19E-05	5.39E-05	5.54E-05	1.73E-05	1.67E-05	3.14E-06	3.11E-06	2.1517E-04
608206.8	4200832.35	12756.08019	0.21183	0.21507	0.04326	0.0418	0.02153	0.02141	7.18E-05	5.32E-05	5.47E-05	1.76E-05	1.70E-05	3.14E-06	3.12E-06	2.1426E-04
608206.8	4200839.95	12734.85497	0.20909	0.21232	0.04401	0.04254	0.02158	0.02147	7.16E-05	5.25E-05	5.40E-05	1.79E-05	1.73E-05	3.15E-06	3.13E-06	2.1336E-04
608206.8	4200847.55	12713.17351	0.20637	0.20959	0.04477	0.04329	0.02164	0.02152	7.15E-05	5.18E-05	5.33E-05	1.82E-05	1.76E-05	3.16E-06	3.14E-06	2.1247E-04
608206.8	4200855.15	12690.92045	0.20367	0.20688	0.04554	0.04404	0.02169	0.02157	7.14E-05	5.12E-05	5.26E-05	1.85E-05	1.79E-05	3.17E-06	3.14E-06	2.1159E-04
608206.8	4200862.75	12668.2602	0.201	0.2042	0.0463	0.04479	0.02175	0.02162	7.13E-05	5.05E-05	5.20E-05	1.89E-05	1.82E-05	3.18E-06	3.15E-06	2.1073E-04
608206.8	4200870.35	12645.42899	0.19835	0.20154	0.04707	0.04554	0.0218	0.02167	7.11E-05	4.98E-05	5.13E-05	1.92E-05	1.85E-05	3.18E-06	3.16E-06	2.0988E-04
608213.67	4200733.55	12949.75901	0.2444	0.24754	0.03381	0.03261	0.02058	0.02051	7.29E-05	6.14E-05	6.30E-05	1.38E-05	1.32E-05	3.01E-06	2.99E-06	2.2421E-04
608213.67	4200741.15	12930.90187	0.24158	0.24473	0.03448	0.03327	0.02066	0.02058	7.27E-05	6.07E-05	6.23E-05	1.40E-05	1.35E-05	3.02E-06	3.00E-06	2.2322E-04
608213.67	4200748.75	12911.47049	0.23875	0.24191	0.03516	0.03393	0.02073	0.02065	7.26E-05	6.00E-05	6.15E-05	1.43E-05	1.38E-05	3.03E-06	3.01E-06	2.2223E-04
608213.67	4200756.35	12892.04082	0.23593	0.23909	0.03585	0.0346	0.0208	0.02072	7.25E-05	5.93E-05	6.08E-05	1.46E-05	1.40E-05	3.04E-06	3.02E-06	2.2125E-04
608213.67	4200763.95	12872.7428	0.23312	0.23629	0.03655	0.03528	0.02087	0.02079	7.24E-05	5.85E-05	6.01E-05	1.49E-05	1.43E-05	3.05E-06	3.03E-06	2.2028E-04
608213.67	4200771.55	12853.516	0.23032	0.23349	0.03725	0.03596	0.02094	0.02085	7.23E-05	5.78E-05	5.94E-05	1.52E-05	1.46E-05	3.06E-06	3.04E-06	2.1932E-04
608213.67	4200779.15	12833.85394	0.22752	0.23069	0.03796	0.03665	0.02101	0.02092	7.22E-05	5.71E-05	5.87E-05	1.55E-05	1.49E-05	3.07E-06	3.05E-06	2.1836E-04
608213.67	4200786.75	12813.96486	0.22473	0.22791	0.03868	0.03735	0.02108	0.02098	7.21E-05	5.64E-05	5.80E-05	1.58E-05	1.52E-05	3.08E-06	3.06E-06	2.1742E-04
608213.67	4200794.35	12793.95648	0.22196	0.22514	0.0394	0.03805	0.02114	0.02104	7.20E-05	5.57E-05	5.73E-05	1.60E-05	1.54E-05	3.09E-06	3.07E-06	2.1648E-04
608213.67	4200801.95	12773.6417	0.2192	0.22237	0.04012	0.03876	0.02121	0.0211	7.19E-05	5.51E-05	5.66E-05	1.63E-05	1.57E-05	3.10E-06	3.08E-06	2.1555E-04
608213.67	4200809.55	12753.19399	0.21645	0.21963	0.04085	0.03947	0.02127	0.02116	7.17E-05	5.44E-05	5.59E-05	1.66E-05	1.60E-05	3.11E-06	3.08E-06	2.1463E-04
608213.67	4200817.15	12732.46741	0.21372	0.2169	0.04159	0.04019	0.02133	0.02122	7.16E-05	5.37E-05	5.52E-05	1.69E-05	1.63E-05	3.11E-06	3.09E-06	2.1373E-04
608213.67	4200824.75	12711.41282	0.21101	0.21418	0.04232	0.04091	0.02139	0.02127	7.15E-05	5.30E-05	5.45E-05	1.72E-05	1.66E-05	3.12E-06	3.10E-06	2.1283E-04
608213.67	4200832.35	12690.2553	0.20832	0.21149	0.04307	0.04164	0.02144	0.02133	7.14E-05	5.23E-05	5.38E-05	1.75E-05	1.69E-05	3.13E-06	3.11E-06	2.1195E-04
608213.67	4200839.95	12669.3766	0.20566	0.20882	0.04381	0.04237	0.0215	0.02138	7.13E-05	5.17E-05	5.31E-05	1.78E-05	1.72E-05	3.14E-06	3.12E-06	2.1108E-04
608213.67	4200847.55	12648.16029	0.20302	0.20616	0.04456	0.0431	0.02156	0.02144	7.12E-05	5.10E-05	5.25E-05	1.81E-05	1.75E-05	3.15E-06	3.12E-06	2.1023E-04
608213.67	4200855.15	12626.16853	0.20039	0.20353	0.04531	0.04384	0.02161	0.02149	7.10E-05	5.03E-05	5.18E-05	1.85E-05	1.78E-05	3.16E-06	3.13E-06	2.0938E-04
608213.67	4200862.75	12603.76378	0.19779	0.20092	0.04606	0.04458	0.02166	0.02153	7.09E-05	4.97E-05	5.11E-05	1.88E-05	1.81E-05	3.16E-06	3.14E-06	2.0854E-04
608213.67	4200870.35	12581.18361	0.19521	0.19833	0.04682	0.04532	0.02171	0.02158	7.08E-05	4.90E-05	5.05E-05	1.91E-05	1.84E-05	3.17E-06	3.15E-06	2.0772E-04
608220.54	4200733.55	12881.95907	0.23991	0.24297	0.03373	0.03256	0.02052	0.02044	7.25E-05	6.03E-05	6.18E-05	1.37E-05	1.32E-05	3.00E-06	2.98E-06	2.2149E-04
608220.54	4200741.15	12863.31688	0.23718	0.24025	0.0344	0.0332	0.02059	0.02051	7.24E-05	5.96E-05	6.11E-05	1.40E-05	1.35E-05	3.01E-06	2.99E-06	2.2054E-04
608220.54	4200748.75	12844.19037	0.23444	0.23752	0.03508	0.03386	0.02066	0.02058	7.23E-05	5.89E-05	6.04E-05	1.43E-05	1.37E-05	3.02E-06	3.00E-06	2.1959E-04

608220.54	4200756.35	12824.87744	0.2317	0.23479	0.03576	0.03452	0.02073	0.02065	7.21E-05	5.82E-05	5.97E-05	1.46E-05	1.40E-05	3.03E-06	3.01E-06	2.1864E-04
608220.54	4200763.95	12805.58758	0.22897	0.23207	0.03645	0.03519	0.0208	0.02071	7.20E-05	5.75E-05	5.90E-05	1.48E-05	1.43E-05	3.04E-06	3.02E-06	2.1771E-04
608220.54	4200771.55	12786.36637	0.22625	0.22935	0.03714	0.03586	0.02087	0.02078	7.19E-05	5.68E-05	5.84E-05	1.51E-05	1.45E-05	3.05E-06	3.03E-06	2.1678E-04
608220.54	4200779.15	12766.82602	0.22354	0.22664	0.03784	0.03655	0.02094	0.02084	7.18E-05	5.61E-05	5.77E-05	1.54E-05	1.48E-05	3.06E-06	3.04E-06	2.1586E-04
608220.54	4200786.75	12747.26328	0.22083	0.22394	0.03854	0.03723	0.021	0.0209	7.17E-05	5.55E-05	5.70E-05	1.57E-05	1.51E-05	3.07E-06	3.05E-06	2.1495E-04
608220.54	4200794.35	12727.78513	0.21814	0.22125	0.03926	0.03793	0.02107	0.02097	7.16E-05	5.48E-05	5.63E-05	1.60E-05	1.54E-05	3.08E-06	3.06E-06	2.1406E-04
608220.54	4200801.95	12707.80231	0.21546	0.21857	0.03997	0.03863	0.02113	0.02103	7.15E-05	5.41E-05	5.56E-05	1.63E-05	1.57E-05	3.09E-06	3.07E-06	2.1316E-04
608220.54	4200809.55	12687.59153	0.2128	0.2159	0.04069	0.03933	0.02119	0.02108	7.14E-05	5.34E-05	5.49E-05	1.66E-05	1.60E-05	3.09E-06	3.07E-06	2.1228E-04
608220.54	4200817.15	12667.10109	0.21015	0.21325	0.04141	0.04004	0.02125	0.02114	7.13E-05	5.28E-05	5.43E-05	1.69E-05	1.62E-05	3.10E-06	3.08E-06	2.1140E-04
608220.54	4200824.75	12646.27833	0.20751	0.21061	0.04214	0.04075	0.02131	0.02119	7.11E-05	5.21E-05	5.36E-05	1.72E-05	1.65E-05	3.11E-06	3.09E-06	2.1054E-04
608220.54	4200832.35	12625.14555	0.2049	0.20799	0.04287	0.04147	0.02136	0.02125	7.10E-05	5.15E-05	5.29E-05	1.75E-05	1.68E-05	3.12E-06	3.10E-06	2.0969E-04
608220.54	4200839.95	12604.61194	0.20231	0.20539	0.04361	0.04219	0.02142	0.0213	7.09E-05	5.08E-05	5.23E-05	1.78E-05	1.71E-05	3.13E-06	3.10E-06	2.0885E-04
608220.54	4200847.55	12583.64809	0.19974	0.20281	0.04435	0.04291	0.02147	0.02135	7.08E-05	5.02E-05	5.16E-05	1.81E-05	1.74E-05	3.14E-06	3.11E-06	2.0803E-04
608220.54	4200855.15	12562.01311	0.19718	0.20025	0.04509	0.04364	0.02152	0.0214	7.07E-05	4.95E-05	5.09E-05	1.84E-05	1.77E-05	3.14E-06	3.12E-06	2.0721E-04
608220.54	4200862.75	12539.85963	0.19465	0.19771	0.04583	0.04437	0.02158	0.02145	7.05E-05	4.89E-05	5.03E-05	1.87E-05	1.80E-05	3.15E-06	3.13E-06	2.0640E-04
608220.54	4200870.35	12517.52733	0.19214	0.19519	0.04657	0.0451	0.02162	0.02149	7.04E-05	4.83E-05	4.97E-05	1.90E-05	1.83E-05	3.16E-06	3.13E-06	2.0560E-04
608227.41	4200733.55	12814.59701	0.23553	0.23853	0.03367	0.0325	0.02045	0.02037	7.21E-05	5.92E-05	6.07E-05	1.37E-05	1.32E-05	2.99E-06	2.97E-06	2.1883E-04
608227.41	4200741.15	12796.16632	0.23289	0.23589	0.03432	0.03314	0.02052	0.02044	7.20E-05	5.85E-05	6.00E-05	1.40E-05	1.34E-05	3.00E-06	2.98E-06	2.1791E-04
608227.41	4200748.75	12777.4463	0.23024	0.23325	0.03499	0.03379	0.02059	0.02051	7.19E-05	5.78E-05	5.93E-05	1.43E-05	1.37E-05	3.01E-06	2.99E-06	2.1701E-04
608227.41	4200756.35	12758.45101	0.22758	0.23061	0.03566	0.03444	0.02066	0.02057	7.18E-05	5.72E-05	5.87E-05	1.45E-05	1.40E-05	3.02E-06	3.00E-06	2.1610E-04
608227.41	4200763.95	12739.26856	0.22493	0.22796	0.03634	0.0351	0.02073	0.02064	7.17E-05	5.65E-05	5.80E-05	1.48E-05	1.42E-05	3.03E-06	3.01E-06	2.1520E-04
608227.41	4200771.55	12720.0568	0.22229	0.22532	0.03703	0.03577	0.02079	0.0207	7.16E-05	5.58E-05	5.73E-05	1.51E-05	1.45E-05	3.04E-06	3.02E-06	2.1431E-04
608227.41	4200779.15	12700.53228	0.21965	0.22269	0.03772	0.03644	0.02086	0.02077	7.14E-05	5.52E-05	5.67E-05	1.54E-05	1.48E-05	3.05E-06	3.03E-06	2.1342E-04
608227.41	4200786.75	12681.18518	0.21703	0.22007	0.03841	0.03712	0.02092	0.02083	7.13E-05	5.45E-05	5.60E-05	1.56E-05	1.51E-05	3.06E-06	3.04E-06	2.1254E-04
608227.41	4200794.35	12661.92287	0.21442	0.21746	0.03911	0.0378	0.02099	0.02089	7.12E-05	5.39E-05	5.53E-05	1.59E-05	1.53E-05	3.07E-06	3.04E-06	2.1167E-04
608227.41	4200801.95	12642.47369	0.21182	0.21486	0.03982	0.03849	0.02105	0.02095	7.11E-05	5.32E-05	5.47E-05	1.62E-05	1.56E-05	3.07E-06	3.05E-06	2.1082E-04
608227.41	4200809.55	12622.59581	0.20923	0.21227	0.04053	0.03919	0.02111	0.021	7.10E-05	5.25E-05	5.40E-05	1.65E-05	1.59E-05	3.08E-06	3.06E-06	2.0997E-04
608227.41	4200817.15	12602.33841	0.20665	0.20969	0.04124	0.03989	0.02117	0.02106	7.09E-05	5.19E-05	5.34E-05	1.68E-05	1.62E-05	3.09E-06	3.07E-06	2.0912E-04
608227.41	4200824.75	12581.74793	0.20409	0.20712	0.04196	0.04059	0.02123	0.02111	7.08E-05	5.13E-05	5.27E-05	1.71E-05	1.65E-05	3.10E-06	3.08E-06	2.0829E-04
608227.41	4200832.35	12560.94524	0.20155	0.20457	0.04268	0.0413	0.02128	0.02117	7.07E-05	5.06E-05	5.20E-05	1.74E-05	1.68E-05	3.11E-06	3.09E-06	2.0747E-04
608227.41	4200839.95	12540.34901	0.19903	0.20205	0.04341	0.04201	0.02134	0.02122	7.05E-05	5.00E-05	5.14E-05	1.77E-05	1.70E-05	3.12E-06	3.09E-06	2.0666E-04
608227.41	4200847.55	12519.62496	0.19653	0.19954	0.04413	0.04272	0.02139	0.02127	7.04E-05	4.94E-05	5.08E-05	1.80E-05	1.73E-05	3.12E-06	3.10E-06	2.0586E-04
608227.41	4200855.15	12498.444	0.19405	0.19705	0.04486	0.04344	0.02144	0.02132	7.03E-05	4.87E-05	5.01E-05	1.83E-05	1.76E-05	3.13E-06	3.11E-06	2.0507E-04
608227.41	4200862.75	12476.53928	0.19159	0.19457	0.04559	0.04416	0.02149	0.02136	7.02E-05	4.81E-05	4.95E-05	1.86E-05	1.79E-05	3.14E-06	3.11E-06	2.0429E-04
608227.41	4200870.35	12454.45383	0.18914	0.19212	0.04633	0.04488	0.02154	0.02141	7.01E-05	4.75E-05	4.89E-05	1.89E-05	1.82E-05	3.15E-06	3.12E-06	2.0352E-04
608234.28	4200741.15	12729.44233	0.2287	0.23164	0.03425	0.03307	0.02045	0.02037	7.16E-05	5.74E-05	5.89E-05	1.40E-05	1.34E-05	2.99E-06	2.97E-06	2.1535E-04
608234.28	4200748.75	12711.02807	0.22613	0.22908	0.03491	0.03371	0.02052	0.02044	7.15E-05	5.68E-05	5.83E-05	1.42E-05	1.37E-05	3.00E-06	2.98E-06	2.1448E-04
608234.28	4200756.35	12692.34375	0.22356	0.22652	0.03557	0.03436	0.02059	0.0205	7.14E-05	5.61E-05	5.76E-05	1.45E-05	1.39E-05	3.01E-06	2.99E-06	2.1361E-04
608234.28	4200763.95	12673.56637	0.221	0.22396	0.03624	0.03501	0.02066	0.02057	7.13E-05	5.55E-05	5.70E-05	1.48E-05	1.42E-05	3.02E-06	3.00E-06	2.1274E-04
608234.28	4200771.55	12654.56924	0.21843	0.2214	0.03692	0.03567	0.02072	0.02063	7.12E-05	5.49E-05	5.63E-05	1.50E-05	1.45E-05	3.03E-06	3.01E-06	2.1189E-04
608234.28	4200779.15	12635.36549	0.21587	0.21884	0.0376	0.03633	0.02079	0.02069	7.11E-05	5.42E-05	5.57E-05	1.53E-05	1.47E-05	3.04E-06	3.02E-06	2.1103E-04
608234.28	4200786.75	12616.03001	0.21332	0.21629	0.03828	0.037	0.02085	0.02075	7.10E-05	5.36E-05	5.50E-05	1.56E-05	1.50E-05	3.04E-06	3.02E-06	2.1018E-04
608234.28	4200794.35	12596.67441	0.21078	0.21375	0.03898	0.03768	0.02091	0.02081	7.09E-05	5.29E-05	5.44E-05	1.59E-05	1.53E-05	3.05E-06	3.03E-06	2.0935E-04
608234.28	4200801.95	12577.75435	0.20826	0.21123	0.03967	0.03836	0.02097	0.02087	7.08E-05	5.23E-05	5.37E-05	1.62E-05	1.56E-05	3.06E-06	3.04E-06	2.0852E-04
608234.28	4200809.55	12558.20532	0.20575	0.20872	0.04037	0.03905	0.02103	0.02093	7.06E-05	5.17E-05	5.31E-05	1.64E-05	1.58E-05	3.07E-06	3.05E-06	2.0771E-04
608234.28	4200817.15	12538.27385	0.20324	0.20621	0.04108	0.03974	0.02109	0.02098	7.05E-05	5.10E-05	5.25E-05	1.67E-05	1.61E-05	3.08E-06	3.06E-06	2.0690E-04
608234.28	4200824.75	12517.81046	0.20075	0.20371	0.04178	0.04043	0.02115	0.02103	7.04E-05	5.04E-05	5.18E-05	1.70E-05	1.64E-05	3.09E-06	3.07E-06	2.0609E-04
608234.28	4200832.35	12497.23363	0.19828	0.20124	0.04249	0.04113	0.0212	0.02109	7.03E-05	4.98E-05	5.12E-05	1.73E-05	1.67E-05	3.10E-06	3.07E-06	2.0529E-04
608234.28	4200839.95	12476.57294	0.19583	0.19877	0.04321	0.04183	0.02125	0.02114	7.02E-05	4.92E-05	5.06E-05	1.76E-05	1.70E-05	3.10E-06	3.08E-06	2.0451E-04
608234.28	4200847.55	12455.98792	0.19339	0.19633	0.04392	0.04253	0.02131	0.02119	7.01E-05	4.86E-05	5.00E-05	1.79E-05	1.73E-05	3.11E-06	3.09E-06	2.0373E-04
608234.28	4200855.15	12435.25676	0.19098	0.19391	0.04464	0.04324	0.02136	0.02123	7.00E-05	4.80E-05	4.93E-05	1.82E-05	1.75E-05	3.12E-06	3.09E-06	2.0298E-04
608234.28	4200862.75	12413.80395	0.18858	0.1915	0.04536	0.04395	0.02141	0.02128	6.98E-05	4.74E-05	4.87E-05	1.85E-05	1.78E-05	3.13E-06	3.10E-06	2.0222E-04
608234.28	4200870.35	12392.05859	0.18621	0.18912	0.04608	0.04466	0.02145	0.02132	6.97E-05	4.68E-05	4.81E-05	1.88E-05	1.81E-05	3.13E-06	3.11E-06	2.0148E-04
608240.38	4200722.19	12716.67085	0.2313	0.23416	0.03258	0.03146	0.02021	0.02014	7.15E-05	5.81E-05	5.96E-05	1.33E-05	1.28E-05	2.95E-06	2.94E-06	2.1524E-04
608240.73	4200729.53	12695.45718	0.22868	0.23155	0.03319	0.03205	0.02028	0.0202	7.14E-05	5.74E-05	5.89E-05	1.35E-05	1.30E-05	2.96E-06	2.94E-06	2.1428E-04
608241.15	4200741.15	12663.441	0.22462	0.2275	0.03417	0.033	0.02038	0.0203	7.12E-05	5.64E-05	5.79E-05	1.39E-05	1.34E-05	2.98E-06	2.96E-06	2.1284E-04
608241.15	4200748.75	12645.02768	0.22213	0.22501	0.03482	0.03364	0.02045	0.02037	7.11E-05	5.58E-05	5.72E-05	1.42E-05	1.36E-05	2.99E-06	2.97E-06	2.1200E-04
608241.15	4200756.35	12626.6514	0.21964	0.22253	0.03547	0.03427	0.02052	0.02043	7.10E-05	5.52E-05	5.66E-05	1.44E-05	1.39E-05	3.00E-06	2.98E-06	2.1116E-04
608241.15	4200763.95	12608.37218	0.21715	0.22005	0.03614	0.03492	0.02058	0.02049	7.09E-05	5.45E-05	5.60E-05	1.47E-05	1.42E-05	3.01E-06	2.99E-06	2.1034E-04
608241.15	4200771.55	12589.79282	0.21467	0.21757	0.0368	0.03557	0.02065	0.02056	7.08E-05	5.39E-05	5.54E-05	1.50E-05	1.44E-05	3.02E-06	3.00E-06	2.0951E-04
608241.15	4200779.15	12570.80449	0.21218	0.21509	0.03748	0.03623	0.02071	0.02062	7.07E-05	5.33E-05	5.47E-05	1.53E-05	1.47E-05	3.02E-06	3.01E-06	2.0869E-04
608241.15	4200786.75	12551.58276	0.20971	0.21261	0.03816	0.03689	0.02077	0.02068	7.06E-05	5.27E-05	5.41E-05	1.55E-05	1.50E-05	3.03E-06	3.01E-06	2.0788E-04
608241.15	4200794.35	12532.43602	0.20724	0.21014	0.03884	0.03756	0.02084	0.02074	7.05E-05	5.20E-05	5.35E-05	1.58E-05	1.52E-05	3.04E-06	3.02E-06	2.0707E-04
608241.15	4200801.95	12513.63728	0.20479	0.20769	0.03952	0.03823	0.0209	0.02079	7.04E-05	5.14E-05	5.28E-05	1.61E-05	1.55E-05	3.05E-06	3.03E-06	2.0628E-04
608241.15	4200809.55	12494.4122	0.20235	0.20525	0.04021	0.03891	0.02095	0.02085	7.03E-05	5.08E-05	5.22E-05	1.64E-05	1.58E-05	3.06E-06	3.04E-06	2.0549E-04
608241.15	4200817.15	12474.70235	0.19991	0.20281	0.04091	0.03959	0.02101	0.0209	7.02E-05	5.02E-05	5.16E-05	1.67E-05	1.61E-05	3.07E-06	3.05E-06	2.0471E-04
608241.15	4200824.75	12454.56251	0.19749	0.20039	0.0416	0.04027	0.02107	0.02095	7.01E-05	4.96E-05	5.10E-05	1.69E-05	1.63E-05	3.08E-06	3.05E-06	2.0393E-04
608241.15	4200832.35	12434.21238	0.19509	0.19798	0.0423	0.04096	0.02112	0.02101	7.00E-05	4.90E-05	5.04E-05	1.72E-05	1.66E-05	3.08E-06	3.06E-06	2.0316E-04
608241.15	4200839.95	12413.68201	0.1927	0.19558	0.04301	0.04165	0.02117	0.02106	6.98E-05	4.84E-05	4.98E-05	1.75E-05	1.69E-05	3.09E-06	3.07E-06	2.0241E-04
608241.15	4200847.55	12393.13644	0.19033	0.1932	0.04371	0.04234	0.02122	0.0211	6.97E-05	4.78E-05	4.92E-05	1.78E-05	1.72E-05	3.10E-06	3.08E-06	2.0165E-04
608241.15	4200855.15	12372.33786	0.18798	0.19084	0.04442	0.04304	0.02127	0.02115	6.96E-05	4.72E-05	4.86E-05	1.81E-05	1.75E-05	3.11E-06	3.08E-06	2.0092E-04
608241.15	4200862.75	12351.43528	0.18565	0.1885	0.04513	0.04374	0.02132	0.0212	6.95E-05	4.66E-05	4.80E-05	1.84E-05	1.77E-05	3.11E-06	3.09E-06	2.0019E-04
608241.15	4200870.35	12330.03217	0.18334	0.18618	0.04584	0.04444	0.02137	0.02124	6.94E-05	4.60E-05	4.74E-05	1.87E-05	1.80E-05	3.12E-06	3.10E-06	1.9948E-04
608248.02	4200741.15	12598.25102	0.22065	0.22346	0.03409	0.03293	0.02031	0.02023	7.09E-05	5.54E-05	5.69E-05	1.39E-05	1.34E-05	2.97E-06	2.95E-06	2.1039E-04
608248.02	4200748.75	12579.839	0.21823	0.22105	0.03473	0.03356	0.02038	0.02029	7.08E-05	5.48E-05	5.62E-05	1.41E-05	1.36E-05	2.98E-06	2.96E-06	2.0958E-04
608248.02	4200756.35	12561.76574	0.21582	0.21864	0.03538	0.03419	0.02045	0.02036	7.07E-05	5.42E-05	5.56E-05	1.44E-05	1.39E-05	2.99E-06	2.97E-06	2.0878E-04
608248.02	4200763.95	12543.78203	0.21341	0.21624	0.03603	0.03483	0.02051	0.02042	7.06E-05	5.36E-05	5.50E-05	1.47E-05	1.41E-05	3.00E-06	2.98E-06	2.0798E-04
608248.02	4200771.55	12525.51336	0.21099	0.21383	0.03669	0.03547	0.02058	0.02048	7.05E-05	5.30E-05	5.44E-05	1.49E-05	1.44E-05	3.01E-06	2.99E-06	2.0719E-04
608248.02	4200779.15	12506.74281	0.20858	0.21142	0.03736	0.03612	0.02064	0.02054	7.04E-05	5.24E-05	5.38E-05	1.52E-05	1.47E-05	3.01E-06	2.99E-06	2.0640E-04
608248.02	4200786.75	12487.73117	0.20618	0.20902	0.03803	0.03678	0.0207	0.0206	7.03E-05	5.18E-05	5.32E-05	1.55E-05	1.49E-05	3.02E-06	3.00E-06	2.0562E-04
608248.02	4200794.35	12468.79082	0.20378	0.20662	0.0387	0.03743	0.02076	0.02066	7.01E-05	5.12E-05	5.26E-05	1.58E-05	1.52E-05	3.03E-06	3.01E-06	2.0484E-04
608248.02	4200801.95	12449.91112	0.20139	0.20423	0.03938	0.0381	0.02082	0.02072	7.00E-05	5.06E-05	5.20E-05	1.60E-05	1.55E-05	3.04E-06	3.02E-06	2.0407E-04
608248.02	4200809.55	12431.0098	0.19902	0.20186	0.04006	0.03877	0.02088	0.02077	6.99E-05	5.00E-05	5.14E-05	1.63E-05	1.57E-05	3.05E-06	3.03E-06	2.0332E-04
608248.02	4200817.15	12411.61743	0.19666	0.19949	0.04074	0.03944	0.02093	0.02082	6.98E-05	4.94E-05	5.08E-05	1.66E-05	1.60E-05	3.06E-06	3.03E-06	2.0256E-04
608248.02	4200824.75	12391.79764	0.1943	0.19714	0.04143	0.04011	0.02099	0.02088	6.97E-05	4.88E-05	5.02E-05	1.69E-05	1.63E-05	3.07E-06	3.04E-06	2.0181E-04
608248.02	4200832.35	12371.67019	0.19196	0.19479	0.04212	0.04079	0.02104	0.02093	6.96E-05	4.82E-05	4.96E-05	1.72E-05	1.65E-05	3.07E-06	3.05E-06	2.0107E-04
608248.02	4200839.95	12351.47206	0.18964	0.19246	0.04282	0.04147	0.02109	0.02097	6.95E-05	4.76E-05	4.90E-05	1.74E-05	1.68E-05	3.08E-06	3.06E-06	2.0034E-04
608248.02	4200847.55	12330.96079	0.18733	0.19014	0.04351	0.04216	0.02114	0.02102	6.94E-05	4.70E-05	4.84E-05	1.77E-05	1.71E-05	3.09E-06	3.06E-06	1.9962E-04
608248.02	4200855.15	12310.29499	0.18504	0.18784	0.04421	0.04284	0.02119	0.02107	6.93E-05	4.65E-05	4.78E-05	1.80E-05	1.74E-05	3.09E-06	3.07E-06	1.9890E-04
608248.02	4200862.75	12289.42751	0.18277	0.18556	0.04491	0.04353	0.02124	0.02111	6.91E-05	4.59E-05	4.72E-05	1.83E-05	1.77E-05	3.10E-06	3.08E-06	1.9820E-04
608248.02	4200870.35	12268.4655	0.18052	0.1833	0.0456	0.04422	0.02128	0.02116	6.90E-05	4.53E-05	4.66E-05	1.86E-05	1.79E-05	3.11E-06	3.08E-06	1.9750E-04
608248.07	4200730.93	12622.27993	0.22387	0.22667	0.03323	0.0321	0.02022	0.02014	7.10E-05	5.62E-05	5.77E-05	1.35E-05	1.30E-05	2.95E-06	2.94E-06	2.1146E-04
608248.42	4200723.59	12636.54902	0.22599	0.22877	0.03262	0.03151	0.02014	0.02007	7.11E-05	5.68E-05	5.82E-05	1.33E-05	1.28E-05	2.94E-06	2.93E-06	2.1212E-04
608254.89	4200741.15	12533.76704	0.21678	0.21953	0.034	0.03287	0.02024	0.02016	7.05E-05	5.44E-05	5.59E-05	1.38E-05	1.33E-05	2.96E-06	2.94E-06	2.0799E-04
608254.89	4200748.75	12515.5592	0.21443	0.21719	0.03464	0.03349	0.02031	0.02022	7.04E-05	5.39E-05	5.53E-05	1.41E-05	1.36E-05	2.97E-06	2.95E-06	2.0721E-04
608254.89	4200756.35	12497.58309	0.21209	0.21485	0.03528	0.03411	0.02037	0.02029	7.03E-05	5.33E-05	5.47E-05	1.44E-05	1.38E-05	2.97E-06	2.96E-06	2.0644E-04
608254.89	4200763.95	12479.6862	0.20975	0.21252	0.03593	0.03474	0.02044	0.02035	7.02E-05	5.27E-05	5.41E-05	1.46E-05	1.41E-05	2.98E-06	2.97E-06	2.0568E-04
608254.89	4200771.55	12461.72594	0.20741	0.21018	0.03658	0.03538	0.0205	0.02041	7.01E-05	5.21E-05	5.35E-05	1.49E-05	1.44E-05	2.99E-06	2.97E-06	2.0492E-04
608254.89	4200779.15	12443.27202	0.20507	0.20784	0.03724	0.03602	0.02057	0.02047	7.00E-05	5.15E-05	5.29E-05	1.52E-05	1.46E-05	3.00E-06	2.98E-06	2.0416E-04
608254.89	4200786.75	12424.56161	0.20273	0.20551	0.0379	0.03666	0.02063	0.02053	6.99E-05	5.09E-05	5.23E-05	1.54E-05	1.49E-05	3.01E-06	2.99E-06	2.0341E-04
608254.89	4200794.35	12405.72822	0.2004	0.20318	0.03856	0.03731	0.02068	0.02058	6.98E-05	5.03E-05	5.17E-05	1.57E-05	1.51E-05	3.02E-06	3.00E-06	2.0265E-04
608254.89	4200801.95	12386.7669	0.19808	0.20086	0.03923	0.03797	0.02074	0.02064	6.97E-05	4.97E-05	5.11E-05	1.60E-05	1.54E-05	3.03E-06	3.01E-06	2.0192E-04
608254.89	4200809.55	12368.08697	0.19577	0.19855	0.0399	0.03863	0.0208	0.02069	6.96E-05	4.92E-05	5.05E-05	1.63E-05	1.57E-05	3.04E-06	3.02E-06	2.0118E-04
608254.89	4200817.15	12349.00699	0.19347	0.19625	0.04058	0.03929	0.02085	0.02075	6.95E-05	4.86E-05	4.99E-05	1.65E-05	1.59E-05	3.04E-06	3.02E-06	2.0046E-04
608254.89	4200824.75	12329.60812	0.19119	0.19396	0.04126	0.03996	0.02091	0.0208	6.94E-05	4.80E-05	4.93E-05	1.68E-05	1.62E-05	3.05E-06	3.03E-06	1.9974E-04
608254.89	4200832.35	12309.69943	0.18891	0.19168	0.04194	0.04062	0.02096	0.02085	6.93E-05	4.74E-05	4.88E-05	1.71E-05	1.65E-05	3.06E-06	3.04E-06	1.9902E-04
608254.89	4200839.95	12289.73459	0.18665	0.18941	0.04262	0.0413	0.02101	0.02089	6.91E-05	4.69E-05	4.82E-05	1.74E-05	1.68E-05	3.07E-06	3.04E-06	1.9832E-04
608254.89	4200847.55	12269.55399	0.1844	0.18715	0.04331	0.04197	0.02106	0.02094	6.90E-05	4.63E-05	4.76E-05	1.76E-05	1.70E-05	3.08E-06	3.05E-06	1.9762E-04
608254.89	4200855.15	12248.91594	0.18217	0.18491	0.04399	0.04265	0.02111	0.02099	6.89E-05	4.58E-05	4.70E-05	1.79E-05	1.73E-05	3.08E-06	3.06E-06	1.9692E-04
608254.89	4200862.75	12228.08139	0.17996	0.18269	0.04468	0.04333	0.02115	0.02103	6.88E-05	4.52E-05	4.65E-05	1.82E-05	1.76E-05	3.09E-06	3.07E-06	1.9624E-04
608254.89	4200870.35	12207.35032	0.17777	0.18049	0.04537	0.04401	0.0212	0.02107	6.87E-05	4.46E-05	4.59E-05	1.85E-05	1.79E-05	3.10E-06	3.07E-06	1.9557E-04
608255.41	4200731.98	12550.6033	0.21931	0.22205	0.03324	0.03212	0.02015	0.02008	7.06E-05	5.51E-05	5.65E-05	1.35E-05	1.30E-05	2.94E-06	2.93E-06	2.0875E-04
608255.76	4200725.34	12562.83782	0.22115	0.22387	0.03269	0.03159	0.02009	0.02001	7.07E-05	5.55E-05	5.70E-05	1.33E-05	1.28E-05	2.93E-06	2.92E-06	2.0930E-04
608261.76	4200741.15	12469.8813	0.21301	0.2157	0.03392	0.0328	0.02017	0.02009	7.02E-05	5.35E-05	5.49E-05	1.38E-05	1.33E-05	2.95E-06	2.93E-06	2.0565E-04
608261.76	4200748.75	12451.97364	0.21073	0.21343	0.03455	0.03341	0.02024	0.02016	7.01E-05	5.29E-05	5.43E-05	1.41E-05	1.36E-05	2.96E-06	2.94E-06	2.0490E-04
608261.76	4200756.35	12433.99433	0.20845	0.21116	0.03518	0.03403	0.0203	0.02022	6.99E-05	5.24E-05	5.37E-05	1.43E-05	1.38E-05	2.96E-06	2.95E-06	2.0416E-04
608261.76	4200763.95	12416.0803	0.20618	0.20889	0.03582	0.03465	0.02037	0.02028	6.98E-05	5.18E-05	5.31E-05	1.46E-05	1.41E-05	2.97E-06	2.96E-06	2.0342E-04
608261.76	4200771.55	12398.42993	0.20391	0.20662	0.03647	0.03528	0.02043	0.02034	6.97E-05	5.12E-05	5.26E-05	1.49E-05	1.43E-05	2.98E-06	2.96E-06	2.0270E-04
608261.76	4200779.15	12380.28616	0.20163	0.20435	0.03711	0.03591	0.02049	0.0204	6.96E-05	5.06E-05	5.20E-05	1.51E-05	1.46E-05	2.99E-06	2.97E-06	2.0196E-04
608261.76	4200786.75	12361.87108	0.19937	0.20208	0.03777	0.03655	0.02055	0.02045	6.95E-05	5.01E-05	5.14E-05	1.54E-05	1.48E-05	3.00E-06	2.98E-06	2.0124E-04
608261.76	4200794.35	12343.24618	0.1971	0.19982	0.03842	0.03719	0.02061	0.02051	6.94E-05	4.95E-05	5.08E-05	1.56E-05	1.51E-05	3.01E-06	2.99E-06	2.0051E-04
608261.76	4200801.95	12324.40081	0.19484	0.19756	0.03908	0.03784	0.02067	0.02056	6.93E-05	4.89E-05	5.03E-05	1.59E-05	1.53E-05	3.02E-06	3.00E-06	1.9980E-04
608261.76	4200809.55	12305.73374	0.1926	0.19531	0.03975	0.03849	0.02072	0.02062	6.92E-05	4.84E-05	4.97E-05	1.62E-05	1.56E-05	3.03E-06	3.01E-06	1.9909E-04
608261.76	4200817.15	12286.8616	0.19036	0.19307	0.04041	0.03914	0.02078	0.02067	6.91E-05	4.78E-05	4.91E-05	1.65E-05	1.59E-05	3.03E-06	3.01E-06	1.9839E-04
608261.76	4200824.75	12267.88016	0.18814	0.19085	0.04108	0.0398	0.02083	0.02072	6.90E-05	4.73E-05	4.86E-05	1.67E-05	1.61E-05	3.04E-06	3.02E-06	1.9770E-04
608261.76	4200832.35	12248.29302	0.18593	0.18863	0.04175	0.04046	0.02088	0.02077	6.89E-05	4.67E-05	4.80E-05	1.70E-05	1.64E-05	3.05E-06	3.03E-06	1.9701E-04
608261.76	4200839.95	12228.55802	0.18373	0.18642	0.04243	0.04112	0.02093	0.02081	6.88E-05	4.61E-05	4.74E-05	1.73E-05	1.67E-05	3.06E-06	3.03E-06	1.9633E-04
608261.76	4200847.55	12208.60864	0.18154	0.18423	0.0431	0.04179	0.02098	0.02086	6.87E-05	4.56E-05	4.69E-05	1.76E-05	1.70E-05	3.06E-06	3.04E-06	1.9565E-04
608261.76	4200855.15	12188.29894	0.17937	0.18205	0.04378	0.04245	0.02103	0.0209	6.86E-05	4.50E-05	4.63E-05	1.78E-05	1.72E-05	3.07E-06	3.05E-06	1.9499E-04
608261.76	4200862.75	12167.49237	0.17721	0.17988	0.04446	0.04312	0.02107	0.02095	6.85E-05	4.45E-05	4.58E-05	1.81E-05	1.75E-05	3.08E-06	3.05E-06	1.9432E-04
608261.76	4200870.35	12146.79206	0.17507	0.17773	0.04514	0.0438	0.02112	0.02099	6.83E-05	4.40E-05	4.52E-05	1.84E-05	1.78E-05	3.08E-06	3.06E-06	1.9367E-04
608268.63	4200741.15	12406.08854	0.20932	0.21195	0.03384	0.03273	0.0201	0.02002	6.98E-05	5.26E-05	5.39E-05	1.38E-05	1.33E-05	2.94E-06	2.92E-06	2.0335E-04
608268.63	4200748.75	12388.57515	0.20711	0.20975	0.03446	0.03333	0.02017	0.02009	6.97E-05	5.20E-05	5.34E-05	1.40E-05	1.35E-05	2.95E-06	2.93E-06	2.0263E-04
608268.63	4200756.35	12370.98087	0.20491	0.20755	0.03508	0.03394	0.02023	0.02015	6.96E-05	5.15E-05	5.28E-05	1.43E-05	1.38E-05	2.95E-06	2.94E-06	2.0192E-04
608268.63	4200763.95	12353.15753	0.20269	0.20535	0.03572	0.03456	0.0203	0.02021	6.95E-05	5.09E-05	5.22E-05	1.45E-05	1.40E-05	2.96E-06	2.95E-06	2.0121E-04
608268.63	4200771.55	12335.91047	0.20049	0.20315	0.03635	0.03518	0.02036	0.02027	6.94E-05	5.04E-05	5.17E-05	1.48E-05	1.43E-05	2.97E-06	2.95E-06	2.0051E-04
608268.63	4200779.15	12317.97139	0.19828	0.20094	0.03699	0.03581	0.02042	0.02032	6.93E-05	4.98E-05	5.11E-05	1.51E-05	1.45E-05	2.98E-06	2.96E-06	1.9981E-04
608268.63	4200786.75	12299.75122	0.19608	0.19874	0.03764	0.03644	0.02048	0.02038	6.92E-05	4.92E-05	5.06E-05	1.53E-05	1.48E-05	2.99E-06	2.97E-06	1.9912E-04
608268.63	4200794.35	12281.33092	0.19388	0.19654	0.03828	0.03707	0.02054	0.02043	6.91E-05	4.87E-05	5.00E-05	1.56E-05	1.50E-05	3.00E-06	2.98E-06	1.9842E-04
608268.63	4200801.95	12262.80516	0.19168	0.19434	0.03893	0.03771	0.02059	0.02049	6.90E-05	4.81E-05	4.94E-05	1.59E-05	1.53E-05	3.01E-06	2.99E-06	1.9772E-04
608268.63	4200809.55	12244.04661	0.1895	0.19215	0.03959	0.03835	0.02065	0.02054	6.89E-05	4.76E-05	4.89E-05	1.61E-05	1.56E-05	3.02E-06	2.99E-06	1.9704E-04
608268.63	4200817.15	12225.38039	0.18732	0.18998	0.04025	0.03899	0.0207	0.02059	6.88E-05	4.70E-05	4.83E-05	1.64E-05	1.58E-05	3.02E-06	3.00E-06	1.9637E-04
608268.63	4200824.75	12206.8093	0.18516	0.18781	0.04091	0.03964	0.02075	0.02064	6.87E-05	4.65E-05	4.78E-05	1.67E-05	1.61E-05	3.03E-06	3.01E-06	1.9570E-04
608268.63	4200832.35	12187.44034	0.18301	0.18565	0.04157	0.04029	0.0208	0.02069	6.86E-05	4.60E-05	4.72E-05	1.69E-05	1.63E-05	3.04E-06	3.02E-06	1.9503E-04
608268.63	4200839.95	12167.92841	0.18087	0.1835	0.04224	0.04095	0.02085	0.02073	6.85E-05	4.54E-05	4.67E-05	1.72E-05	1.66E-05	3.04E-06	3.02E-06	1.9438E-04
608268.63	4200847.55	12148.20731	0.17874	0.18137	0.0429	0.0416	0.0209	0.02078	6.83E-05	4.49E-05	4.61E-05	1.75E-05	1.69E-05	3.05E-06	3.03E-06	1.9373E-04
608268.63	4200855.15	12128.12093	0.17662	0.17924	0.04357	0.04226	0.02095	0.02082	6.82E-05	4.44E-05	4.56E-05	1.77E-05	1.71E-05	3.06E-06	3.03E-06	1.9308E-04
608268.63	4200862.75	12107.64281	0.17452	0.17713	0.04424	0.04292	0.02099	0.02086	6.81E-05	4.38E-05	4.51E-05	1.80E-05	1.74E-05	3.07E-06	3.04E-06	1.9244E-04
608268.63	4200870.35	12086.97573	0.17244	0.17504	0.04491	0.04358	0.02103	0.02091	6.80E-05	4.33E-05	4.45E-05	1.83E-05	1.77E-05	3.07E-06	3.05E-06	1.9181E-04
608275.5	4200733.55	12360.35544	0.20786	0.21043	0.03315	0.03206	0.01997	0.01989	6.95E-05	5.22E-05	5.35E-05	1.35E-05	1.30E-05	2.92E-06	2.90E-06	2.0178E-04
608275.5	4200741.15	12342.88162	0.20572	0.2083	0.03375	0.03266	0.02003	0.01995	6.94E-05	5.17E-05	5.30E-05	1.37E-05	1.32E-05	2.93E-06	2.91E-06	2.0109E-04
608275.5	4200748.75	12325.85704	0.20359	0.20617	0.03437	0.03325	0.0201	0.02002	6.93E-05	5.11E-05	5.25E-05	1.40E-05	1.35E-05	2.94E-06	2.92E-06	2.0041E-04
608275.5	4200756.35	12308.64108	0.20144	0.20403	0.03499	0.03386	0.02016	0.02008	6.92E-05	5.06E-05	5.19E-05	1.43E-05	1.37E-05	2.94E-06	2.93E-06	1.9973E-04
608275.5	4200763.95	12291.10736	0.1993	0.20189	0.03561	0.03447	0.02023	0.02014	6.91E-05	5.01E-05	5.14E-05	1.45E-05	1.40E-05	2.95E-06	2.94E-06	1.9905E-04
608275.5	4200771.55	12273.76436	0.19715	0.19975	0.03624	0.03508	0.02029	0.02019	6.90E-05	4.95E-05	5.08E-05	1.48E-05	1.42E-05	2.96E-06	2.94E-06	1.9837E-04
608275.5	4200779.15	12256.12775	0.19501	0.19761	0.03687	0.0357	0.02035	0.02025	6.89E-05	4.90E-05	5.03E-05	1.50E-05	1.45E-05	2.97E-06	2.95E-06	1.9770E-04
608275.5	4200786.75	12238.19804	0.19287	0.19547	0.03751	0.03632	0.0204	0.02031	6.88E-05	4.84E-05	4.97E-05	1.53E-05	1.47E-05	2.98E-06	2.96E-06	1.9703E-04
608275.5	4200794.35	12219.98071	0.19073	0.19333	0.03814	0.03695	0.02046	0.02036	6.87E-05	4.79E-05	4.92E-05	1.55E-05	1.50E-05	2.99E-06	2.97E-06	1.9636E-04
608275.5	4200801.95	12201.66452	0.1886	0.1912	0.03879	0.03758	0.02052	0.02041	6.86E-05	4.74E-05	4.86E-05	1.58E-05	1.52E-05	3.00E-06	2.97E-06	1.9570E-04
608275.5	4200809.55	12183.21506	0.18647	0.18907	0.03943	0.03821	0.02057	0.02046	6.85E-05	4.68E-05	4.81E-05	1.61E-05	1.55E-05	3.00E-06	2.98E-06	1.9503E-04
608275.5	4200817.15	12164.65244	0.18435	0.18695	0.04008	0.03885	0.02062	0.02051	6.84E-05	4.63E-05	4.76E-05	1.63E-05	1.58E-05	3.01E-06	2.99E-06	1.9438E-04
608275.5	4200824.75	12146.09277	0.18225	0.18484	0.04073	0.03949	0.02067	0.02056	6.83E-05	4.58E-05	4.70E-05	1.66E-05	1.60E-05	3.02E-06	3.00E-06	1.9374E-04
608275.5	4200832.35	12127.04198	0.18016	0.18274	0.04139	0.04013	0.02072	0.02061	6.82E-05	4.52E-05	4.65E-05	1.69E-05	1.63E-05	3.03E-06	3.00E-06	1.9310E-04
608275.5	4200839.95	12107.8476	0.17807	0.18065	0.04204	0.04078	0.02077	0.02066	6.81E-05	4.47E-05	4.60E-05	1.71E-05	1.65E-05	3.03E-06	3.01E-06	1.9246E-04
608275.5	4200847.55	12088.34778	0.176	0.17857	0.0427	0.04142	0.02082	0.0207	6.80E-05	4.42E-05	4.54E-05	1.74E-05	1.68E-05	3.04E-06	3.02E-06	1.9183E-04
608275.5	4200855.15	12068.47724	0.17394	0.1765	0.04336	0.04207	0.02086	0.02074	6.79E-05	4.37E-05	4.49E-05	1.77E-05	1.71E-05	3.05E-06	3.02E-06	1.9121E-04
608275.5	4200862.75	12048.2215	0.17189	0.17444	0.04402	0.04272	0.02091	0.02078	6.78E-05	4.32E-05	4.44E-05	1.79E-05	1.73E-05	3.05E-06	3.03E-06	1.9059E-04
608275.5	4200870.35	12027.79092	0.16986	0.1724	0.04468	0.04338	0.02095	0.02082	6.77E-05	4.27E-05	4.39E-05	1.82E-05	1.76E-05	3.06E-06	3.03E-06	1.8998E-04
608282.37	4200733.55	12298.1314	0.2043	0.20681	0.03307	0.032	0.0199	0.01982	6.92E-05	5.13E-05	5.26E-05	1.35E-05	1.30E-05	2.91E-06	2.89E-06	1.9956E-04
608282.37	4200741.15	12280.75221	0.20222	0.20474	0.03367	0.03258	0.01997	0.01988	6.91E-05	5.08E-05	5.21E-05	1.37E-05	1.32E-05	2.92E-06	2.90E-06	1.9890E-04
608282.37	4200748.75	12263.81916	0.20014	0.20267	0.03428	0.03318	0.02003	0.01995	6.90E-05	5.03E-05	5.16E-05	1.40E-05	1.35E-05	2.93E-06	2.91E-06	1.9824E-04
608282.37	4200756.35	12246.77832	0.19806	0.2006	0.03489	0.03377	0.02009	0.02001	6.89E-05	4.97E-05	5.10E-05	1.42E-05	1.37E-05	2.93E-06	2.92E-06	1.9759E-04
608282.37	4200763.95	12229.43147	0.19598	0.19852	0.0355	0.03437	0.02015	0.02006	6.88E-05	4.92E-05	5.05E-05	1.45E-05	1.39E-05	2.94E-06	2.92E-06	1.9693E-04
608282.37	4200771.55	12211.99223	0.19389	0.19644	0.03612	0.03498	0.02021	0.02012	6.87E-05	4.87E-05	5.00E-05	1.47E-05	1.42E-05	2.95E-06	2.93E-06	1.9628E-04
608282.37	4200779.15	12194.65292	0.19181	0.19436	0.03675	0.03559	0.02027	0.02018	6.86E-05	4.82E-05	4.94E-05	1.50E-05	1.44E-05	2.96E-06	2.94E-06	1.9563E-04
608282.37	4200786.75	12177.10656	0.18973	0.19228	0.03738	0.03621	0.02033	0.02023	6.85E-05	4.76E-05	4.89E-05	1.52E-05	1.47E-05	2.97E-06	2.95E-06	1.9499E-04
608282.37	4200794.35	12159.28966	0.18766	0.1902	0.03801	0.03682	0.02039	0.02029	6.84E-05	4.71E-05	4.84E-05	1.55E-05	1.49E-05	2.98E-06	2.96E-06	1.9434E-04
608282.37	4200801.95	12141.17739	0.18558	0.18813	0.03864	0.03745	0.02044	0.02034	6.83E-05	4.66E-05	4.79E-05	1.57E-05	1.52E-05	2.98E-06	2.96E-06	1.9370E-04
608282.37	4200809.55	12122.83253	0.18351	0.18605	0.03928	0.03807	0.02049	0.02039	6.82E-05	4.61E-05	4.73E-05	1.60E-05	1.54E-05	2.99E-06	2.97E-06	1.9306E-04
608282.37	4200817.15	12104.3731	0.18145	0.18399	0.03992	0.0387	0.02055	0.02044	6.81E-05	4.56E-05	4.68E-05	1.63E-05	1.57E-05	3.00E-06	2.98E-06	1.9244E-04
608282.37	4200824.75	12085.62391	0.1794	0.18194	0.04056	0.03933	0.0206	0.02048	6.80E-05	4.51E-05	4.63E-05	1.65E-05	1.60E-05	3.01E-06	2.99E-06	1.9181E-04
608282.37	4200832.35	12067.18286	0.17736	0.1799	0.04121	0.03997	0.02065	0.02053	6.79E-05	4.45E-05	4.58E-05	1.68E-05	1.62E-05	3.02E-06	2.99E-06	1.9120E-04
608282.37	4200839.95	12048.30599	0.17534	0.17786	0.04185	0.0406	0.02069	0.02058	6.78E-05	4.40E-05	4.53E-05	1.70E-05	1.65E-05	3.02E-06	3.00E-06	1.9058E-04
608282.37	4200847.55	12029.02223	0.17332	0.17583	0.0425	0.04124	0.02074	0.02062	6.77E-05	4.35E-05	4.47E-05	1.73E-05	1.67E-05	3.03E-06	3.01E-06	1.8997E-04
608282.37	4200855.15	12009.36918	0.17131	0.17382	0.04315	0.04188	0.02078	0.02066	6.76E-05	4.30E-05	4.42E-05	1.76E-05	1.70E-05	3.03E-06	3.01E-06	1.8937E-04
608282.37	4200862.75	11989.33677	0.16932	0.17181	0.0438	0.04253	0.02083	0.0207	6.74E-05	4.25E-05	4.37E-05	1.78E-05	1.73E-05	3.04E-06	3.02E-06	1.8878E-04
608282.37	4200870.35	11969.13362	0.16734	0.16982	0.04445	0.04317	0.02087	0.02074	6.73E-05	4.20E-05	4.32E-05	1.81E-05	1.75E-05	3.05E-06	3.02E-06	1.8818E-04
608289.24	4200733.55	12236.66709	0.20082	0.20328	0.03299	0.03193	0.01984	0.01976	6.88E-05	5.04E-05	5.17E-05	1.34E-05	1.30E-05	2.90E-06	2.88E-06	1.9738E-04
608289.24	4200741.15	12219.3862	0.1988	0.20127	0.03359	0.03251	0.0199	0.01982	6.87E-05	4.99E-05	5.12E-05	1.37E-05	1.32E-05	2.91E-06	2.89E-06	1.9675E-04
608289.24	4200748.75	12202.34979	0.19678	0.19926	0.03419	0.0331	0.01996	0.01988	6.86E-05	4.94E-05	5.07E-05	1.39E-05	1.34E-05	2.91E-06	2.90E-06	1.9612E-04
608289.24	4200756.35	12185.28621	0.19476	0.19724	0.03479	0.03369	0.02002	0.01994	6.86E-05	4.89E-05	5.02E-05	1.42E-05	1.37E-05	2.92E-06	2.91E-06	1.9548E-04
608289.24	4200763.95	12168.32413	0.19274	0.19523	0.0354	0.03428	0.02008	0.01999	6.85E-05	4.84E-05	4.97E-05	1.44E-05	1.39E-05	2.93E-06	2.91E-06	1.9486E-04
608289.24	4200771.55	12151.08159	0.19071	0.1932	0.03601	0.03488	0.02014	0.02005	6.84E-05	4.79E-05	4.92E-05	1.47E-05	1.41E-05	2.94E-06	2.92E-06	1.9423E-04
608289.24	4200779.15	12133.73807	0.18869	0.19118	0.03662	0.03548	0.0202	0.02011	6.83E-05	4.74E-05	4.86E-05	1.49E-05	1.44E-05	2.95E-06	2.93E-06	1.9360E-04
608289.24	4200786.75	12116.27741	0.18666	0.18916	0.03724	0.03609	0.02026	0.02016	6.82E-05	4.69E-05	4.81E-05	1.52E-05	1.46E-05	2.96E-06	2.94E-06	1.9298E-04
608289.24	4200794.35	12098.95131	0.18465	0.18714	0.03787	0.0367	0.02031	0.02021	6.81E-05	4.64E-05	4.76E-05	1.54E-05	1.49E-05	2.97E-06	2.95E-06	1.9236E-04

608289.24	4200801.95	12081.04247	0.18263	0.18512	0.03849	0.03732	0.02037	0.02026	6.80E-05	4.59E-05	4.71E-05	1.57E-05	1.51E-05	2.97E-06	2.95E-06	1.917 5E-04
608289.24	4200809.55	12063.08765	0.18062	0.18311	0.03912	0.03793	0.02042	0.02031	6.79E-05	4.54E-05	4.66E-05	1.59E-05	1.54E-05	2.98E-06	2.96E-06	1.9113E-04
608289.24	4200817.15	12044.63139	0.17861	0.1811	0.03975	0.03855	0.02047	0.02036	6.78E-05	4.49E-05	4.61E-05	1.62E-05	1.56E-05	2.99E-06	2.97E-06	1.9052E-04
608289.24	4200824.75	12025.98937	0.17661	0.1791	0.04039	0.03918	0.02052	0.02041	6.77E-05	4.44E-05	4.56E-05	1.65E-05	1.59E-05	3.00E-06	2.97E-06	1.8992E-04
608289.24	4200832.35	12007.86035	0.17463	0.17711	0.04103	0.03981	0.02057	0.02045	6.76E-05	4.39E-05	4.51E-05	1.67E-05	1.61E-05	3.00E-06	2.98E-06	1.8933E-04
608289.24	4200839.95	11989.29294	0.17266	0.17513	0.04166	0.04043	0.02061	0.0205	6.74E-05	4.34E-05	4.46E-05	1.70E-05	1.64E-05	3.01E-06	2.99E-06	1.8874E-04
608289.24	4200847.55	11970.32099	0.17069	0.17316	0.0423	0.04106	0.02066	0.02054	6.73E-05	4.29E-05	4.41E-05	1.72E-05	1.67E-05	3.02E-06	2.99E-06	1.8815E-04
608289.24	4200855.15	11950.78364	0.16874	0.17119	0.04294	0.0417	0.0207	0.02058	6.72E-05	4.24E-05	4.36E-05	1.75E-05	1.69E-05	3.02E-06	3.00E-06	1.8757E-04
608289.24	4200862.75	11930.97844	0.16679	0.16924	0.04359	0.04233	0.02075	0.02062	6.71E-05	4.19E-05	4.31E-05	1.78E-05	1.72E-05	3.03E-06	3.01E-06	1.8699E-04
608289.24	4200870.35	11910.99949	0.16487	0.1673	0.04423	0.04296	0.02079	0.02066	6.70E-05	4.14E-05	4.26E-05	1.80E-05	1.74E-05	3.04E-06	3.01E-06	1.8642E-04
608296.11	4200733.55	12175.56459	0.19743	0.19983	0.03292	0.03187	0.01977	0.01969	6.85E-05	4.96E-05	5.08E-05	1.34E-05	1.29E-05	2.89E-06	2.87E-06	1.9526E-04
608296.11	4200741.15	12158.67324	0.19547	0.19789	0.0335	0.03244	0.01983	0.01975	6.84E-05	4.91E-05	5.03E-05	1.36E-05	1.32E-05	2.90E-06	2.88E-06	1.9464E-04
608296.11	4200748.75	12141.62548	0.19351	0.19593	0.03409	0.03302	0.01989	0.01981	6.83E-05	4.86E-05	4.98E-05	1.39E-05	1.34E-05	2.90E-06	2.89E-06	1.9403E-04
608296.11	4200756.35	12124.63475	0.19154	0.19397	0.03469	0.0336	0.01995	0.01987	6.82E-05	4.81E-05	4.94E-05	1.41E-05	1.36E-05	2.91E-06	2.90E-06	1.9342E-04
608296.11	4200763.95	12107.56844	0.18957	0.19201	0.03529	0.03419	0.02001	0.01992	6.81E-05	4.76E-05	4.89E-05	1.44E-05	1.39E-05	2.92E-06	2.90E-06	1.9282E-04
608296.11	4200771.55	12090.71711	0.18761	0.19004	0.0359	0.03478	0.02007	0.01998	6.80E-05	4.71E-05	4.84E-05	1.46E-05	1.41E-05	2.93E-06	2.91E-06	1.9222E-04
608296.11	4200779.15	12073.46546	0.18564	0.18807	0.0365	0.03538	0.02013	0.02003	6.79E-05	4.66E-05	4.78E-05	1.49E-05	1.44E-05	2.94E-06	2.92E-06	1.9161E-04
608296.11	4200786.75	12056.09044	0.18367	0.18611	0.03712	0.03598	0.02018	0.02009	6.78E-05	4.61E-05	4.74E-05	1.51E-05	1.46E-05	2.95E-06	2.93E-06	1.9102E-04
608296.11	4200794.35	12038.8617	0.18171	0.18415	0.03773	0.03658	0.02024	0.02014	6.77E-05	4.56E-05	4.69E-05	1.54E-05	1.48E-05	2.96E-06	2.94E-06	1.9042E-04
608296.11	4200801.95	12021.25042	0.17974	0.18218	0.03835	0.03719	0.02029	0.02019	6.76E-05	4.51E-05	4.64E-05	1.56E-05	1.51E-05	2.96E-06	2.94E-06	1.8983E-04
608296.11	4200809.55	12003.58258	0.17779	0.18022	0.03897	0.0378	0.02034	0.02024	6.75E-05	4.47E-05	4.59E-05	1.59E-05	1.53E-05	2.97E-06	2.95E-06	1.8924E-04
608296.11	4200817.15	11985.52246	0.17584	0.17827	0.03959	0.03841	0.02039	0.02028	6.74E-05	4.42E-05	4.54E-05	1.61E-05	1.56E-05	2.98E-06	2.96E-06	1.8865E-04
608296.11	4200824.75	11967.08077	0.17389	0.17632	0.04022	0.03902	0.02044	0.02033	6.73E-05	4.37E-05	4.49E-05	1.64E-05	1.58E-05	2.98E-06	2.96E-06	1.8807E-04
608296.11	4200832.35	11948.96693	0.17196	0.17439	0.04085	0.03964	0.02049	0.02038	6.72E-05	4.32E-05	4.44E-05	1.66E-05	1.61E-05	2.99E-06	2.97E-06	1.8750E-04
608296.11	4200839.95	11930.70254	0.17004	0.17246	0.04148	0.04026	0.02054	0.02042	6.71E-05	4.27E-05	4.39E-05	1.69E-05	1.63E-05	3.00E-06	2.98E-06	1.8693E-04
608296.11	4200847.55	11912.03519	0.16813	0.17054	0.04211	0.04089	0.02058	0.02046	6.70E-05	4.22E-05	4.34E-05	1.72E-05	1.66E-05	3.01E-06	2.98E-06	1.8637E-04
608296.11	4200855.15	11892.8081	0.16622	0.16862	0.04274	0.04151	0.02062	0.0205	6.69E-05	4.17E-05	4.29E-05	1.74E-05	1.68E-05	3.01E-06	2.99E-06	1.8580E-04
608296.11	4200862.75	11873.23195	0.16433	0.16672	0.04337	0.04213	0.02067	0.02054	6.68E-05	4.13E-05	4.24E-05	1.77E-05	1.71E-05	3.02E-06	2.99E-06	1.8524E-04
608296.11	4200870.35	11853.47764	0.16245	0.16483	0.04401	0.04276	0.02071	0.02058	6.67E-05	4.08E-05	4.19E-05	1.79E-05	1.73E-05	3.02E-06	3.00E-06	1.8469E-04
608302.98	4200733.55	12114.72796	0.19411	0.19647	0.03284	0.0318	0.0197	0.01962	6.82E-05	4.87E-05	5.00E-05	1.34E-05	1.29E-05	2.88E-06	2.86E-06	1.9317E-04
608302.98	4200741.15	12098.31023	0.19221	0.19458	0.03342	0.03237	0.01977	0.01968	6.81E-05	4.83E-05	4.95E-05	1.36E-05	1.31E-05	2.89E-06	2.87E-06	1.9258E-04
608302.98	4200748.75	12081.73932	0.19031	0.19268	0.034	0.03294	0.01983	0.01974	6.80E-05	4.78E-05	4.90E-05	1.38E-05	1.34E-05	2.90E-06	2.88E-06	1.9200E-04
608302.98	4200756.35	12064.72457	0.1884	0.19078	0.03459	0.03351	0.01989	0.0198	6.79E-05	4.73E-05	4.85E-05	1.41E-05	1.36E-05	2.90E-06	2.89E-06	1.9141E-04
608302.98	4200763.95	12047.55334	0.18648	0.18886	0.03518	0.03409	0.01994	0.01985	6.78E-05	4.68E-05	4.81E-05	1.43E-05	1.38E-05	2.91E-06	2.89E-06	1.9082E-04
608302.98	4200771.55	12030.89431	0.18457	0.18696	0.03578	0.03468	0.02	0.01991	6.77E-05	4.64E-05	4.76E-05	1.46E-05	1.41E-05	2.92E-06	2.90E-06	1.9024E-04
608302.98	4200779.15	12013.92473	0.18266	0.18504	0.03638	0.03527	0.02006	0.01996	6.76E-05	4.59E-05	4.71E-05	1.48E-05	1.43E-05	2.93E-06	2.91E-06	1.8966E-04
608302.98	4200786.75	11996.63805	0.18074	0.18313	0.03699	0.03586	0.02011	0.02001	6.75E-05	4.54E-05	4.66E-05	1.51E-05	1.45E-05	2.94E-06	2.92E-06	1.8909E-04
608302.98	4200794.35	11979.3091	0.17883	0.18122	0.03759	0.03646	0.02017	0.02006	6.74E-05	4.49E-05	4.61E-05	1.53E-05	1.48E-05	2.95E-06	2.92E-06	1.8851E-04
608302.98	4200801.95	11961.79405	0.17692	0.17931	0.0382	0.03706	0.02022	0.02011	6.73E-05	4.44E-05	4.56E-05	1.56E-05	1.50E-05	2.95E-06	2.93E-06	1.8794E-04
608302.98	4200809.55	11944.50713	0.17502	0.1774	0.03882	0.03766	0.02027	0.02016	6.72E-05	4.40E-05	4.51E-05	1.58E-05	1.53E-05	2.96E-06	2.94E-06	1.8737E-04
608302.98	4200817.15	11926.84152	0.17312	0.1755	0.03943	0.03826	0.02032	0.02021	6.71E-05	4.35E-05	4.47E-05	1.61E-05	1.55E-05	2.97E-06	2.95E-06	1.8681E-04
608302.98	4200824.75	11908.79536	0.17123	0.17361	0.04005	0.03887	0.02037	0.02025	6.70E-05	4.30E-05	4.42E-05	1.63E-05	1.58E-05	2.97E-06	2.95E-06	1.8625E-04
608302.98	4200832.35	11890.49953	0.16935	0.17172	0.04067	0.03948	0.02041	0.0203	6.69E-05	4.25E-05	4.37E-05	1.66E-05	1.60E-05	2.98E-06	2.96E-06	1.8569E-04
608302.98	4200839.95	11872.43583	0.16747	0.16984	0.04129	0.04009	0.02046	0.02034	6.68E-05	4.21E-05	4.32E-05	1.68E-05	1.63E-05	2.99E-06	2.96E-06	1.8514E-04
608302.98	4200847.55	11854.06093	0.16561	0.16797	0.04191	0.04071	0.0205	0.02038	6.67E-05	4.16E-05	4.27E-05	1.71E-05	1.65E-05	2.99E-06	2.97E-06	1.8460E-04
608302.98	4200855.15	11835.2465	0.16376	0.16611	0.04254	0.04132	0.02054	0.02042	6.66E-05	4.11E-05	4.23E-05	1.73E-05	1.68E-05	3.00E-06	2.98E-06	1.8406E-04
608302.98	4200862.75	11815.8934	0.16191	0.16425	0.04316	0.04194	0.02059	0.02046	6.65E-05	4.07E-05	4.18E-05	1.76E-05	1.70E-05	3.01E-06	2.98E-06	1.8352E-04
608302.98	4200870.35	11796.3607	0.16008	0.16241	0.04378	0.04256	0.02063	0.0205	6.64E-05	4.02E-05	4.13E-05	1.78E-05	1.73E-05	3.01E-06	2.99E-06	1.8298E-04

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*  AERMOD ( 1919   1): C:\Users\a   patel\Desktop\   HRA 2\RANCH   HRA2\RA   NCH HRA2   .isc                        12/17/2001        9
*  AERMET ( 1413   4):                                                                                                9:32:02        4
*  MODELING OPTI   ONS USED:   Re   gDFAULT  CONC    ELEV  URBA    N
*  PLOT            FILE OF ANNUAL   VALUES AVERAG    ED ACROSS     5 YEARS   FOR SOU    RCE GROU   P: AREA2
*  FOR A           TOTAL OF  106    8 RECEPTORS.
*  FORMA           T: (3(1X,F13.5   ),3(1X,F8.2),2   X,A6,2X,A8,   2X,I8.8,  2X,A8)
*  X               Y                AVERAGE CONC     ZELEV         ZHILL     ZFLAG      AVE        GRP        NUM YRS    NET ID
*  ____________    ____________     ____________     ______        ______    ______     ______     ________   ________   ________
      606771.32      4200808.57      52057.33116         70.52     76.73         0 ANNUAL    AREA2              5
       606787.8      4200808.22      52077.64805         75.35     75.35         0 ANNUAL    AREA2              5
       606807.8      4200808.22      51448.48698         75.71     75.71         0 ANNUAL    AREA2              5
       606827.8      4200808.22       50743.4416         76.06     76.06         0 ANNUAL    AREA2              5
       606847.8      4200808.22      49936.44365            76        76         0 ANNUAL    AREA2              5
       606867.8      4200808.22      49044.14784         75.55     75.55         0 ANNUAL    AREA2              5
       606887.8      4200808.22      48131.88921         75.33     75.33         0 ANNUAL    AREA2              5
       606907.8      4200808.22      47166.32782         74.86     74.86         0 ANNUAL    AREA2              5
       606927.8      4200808.22      46201.01763         74.69     74.69         0 ANNUAL    AREA2              5
       606947.8      4200808.22       45223.0614          74.6      74.6         0 ANNUAL    AREA2              5
       606767.8      4200828.22      57350.28091         72.81     76.73         0 ANNUAL    AREA2              5
       606787.8      4200828.22      56981.93346          76.7      76.7         0 ANNUAL    AREA2              5
       606807.8      4200828.22      55956.66595         76.13     76.13         0 ANNUAL    AREA2              5
       606827.8      4200828.22      54881.54084         75.64     75.64         0 ANNUAL    AREA2              5
       606847.8      4200828.22      53803.08474         75.57     75.57         0 ANNUAL    AREA2              5
       606867.8      4200828.22      52693.33195         75.59     75.59         0 ANNUAL    AREA2              5
       606887.8      4200828.22       51533.0982          75.4      75.4         0 ANNUAL    AREA2              5
       606907.8      4200828.22      50335.72809         75.02     75.02         0 ANNUAL    AREA2              5
       606927.8      4200828.22      49138.14782         74.76     74.76         0 ANNUAL    AREA2              5
       606947.8      4200828.22      47946.99474         74.64     74.64         0 ANNUAL    AREA2              5
       606967.8      4200828.22      46749.47476         74.44     74.44         0 ANNUAL    AREA2              5
       606987.8      4200828.22      45556.84484         74.23     74.23         0 ANNUAL    AREA2              5
       606747.8      4200848.22      62987.27779         68.27     76.73         0 ANNUAL    AREA2              5
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       606787.8      4200848.22      61943.43862         75.92     75.92         0 ANNUAL    AREA2              5
       606807.8      4200848.22      60608.39412         75.67     75.67         0 ANNUAL    AREA2              5
       606827.8      4200848.22      59242.18055         75.54     75.54         0 ANNUAL    AREA2              5
       606847.8      4200848.22      57848.87444         75.47     75.47         0 ANNUAL    AREA2              5
       606867.8      4200848.22       56441.3622         75.48     75.48         0 ANNUAL    AREA2              5
       606887.8      4200848.22      55004.96396         75.34     75.34         0 ANNUAL    AREA2              5
       606907.8      4200848.22      53557.13849         75.11     75.11         0 ANNUAL    AREA2              5
       606927.8      4200848.22      52111.10722         74.84     74.84         0 ANNUAL    AREA2              5
       606947.8      4200848.22      50683.38857         74.64     74.64         0 ANNUAL    AREA2              5
       606967.8      4200848.22      49272.27949         74.44     74.44         0 ANNUAL    AREA2              5
       606987.8      4200848.22      47881.92912         74.24     74.24         0 ANNUAL    AREA2              5
       607107.8      4200848.22      40106.30839         72.74     72.74         0 ANNUAL    AREA2              5
       607127.8      4200848.22       38922.8397         72.49     72.49         0 ANNUAL    AREA2              5
       607147.8      4200848.22      37768.99422         72.16     72.16         0 ANNUAL    AREA2              5
       607167.8      4200848.22      36653.65463         71.91     71.91         0 ANNUAL    AREA2              5
       607187.8      4200848.22      35568.71132         71.59     71.59         0 ANNUAL    AREA2              5
       607207.8      4200848.22      34514.71166         71.21     71.21         0 ANNUAL    AREA2              5
       607227.8      4200848.22      33500.57902         70.96     70.96         0 ANNUAL    AREA2              5
       606747.8      4200868.22      69047.20766         68.53     76.73         0 ANNUAL    AREA2              5
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       606847.8      4200868.22      62024.70433         75.48     75.48         0 ANNUAL    AREA2              5
       606867.8      4200868.22      60277.30462         75.44     75.44         0 ANNUAL    AREA2              5
       606887.8      4200868.22      58533.10083         75.33     75.33         0 ANNUAL    AREA2              5
       606907.8      4200868.22      56800.31904         75.14     75.14         0 ANNUAL    AREA2              5
       606927.8      4200868.22       55089.6855          74.9      74.9         0 ANNUAL    AREA2              5
       606947.8      4200868.22      53409.64689         74.64     74.64         0 ANNUAL    AREA2              5
       607047.8      4200868.22      45621.21088          73.6      73.6         0 ANNUAL    AREA2              5
       607067.8      4200868.22      44188.20323         73.34     73.34         0 ANNUAL    AREA2              5
       607087.8      4200868.22      42796.98143         73.04     73.04         0 ANNUAL    AREA2              5
       607107.8      4200868.22      41453.48337         72.79     72.79         0 ANNUAL    AREA2              5
       607127.8      4200868.22       40153.9536         72.54     72.54         0 ANNUAL    AREA2              5
       607147.8      4200868.22      38896.13299         72.26     72.26         0 ANNUAL    AREA2              5
       607167.8      4200868.22      37681.23386         71.98     71.98         0 ANNUAL    AREA2              5
       607187.8      4200868.22      36506.86476         71.67     71.67         0 ANNUAL    AREA2              5
       607207.8      4200868.22      35375.74091          71.4      71.4         0 ANNUAL    AREA2              5
       607227.8      4200868.22       34283.3363          71.1      71.1         0 ANNUAL    AREA2              5
      606755.19      4200886.81      75245.10385         72.76     75.53         0 ANNUAL    AREA2              5
       606767.8      4200888.22       74771.8836         74.67     74.67         0 ANNUAL    AREA2              5
       606787.8      4200888.22      72732.48862         75.31     75.31         0 ANNUAL    AREA2              5
       606807.8      4200888.22       70584.0912         75.46     75.46         0 ANNUAL    AREA2              5
       606827.8      4200888.22      68425.77629         75.51     75.51         0 ANNUAL    AREA2              5
       606847.8      4200888.22      66281.77799         75.51     75.51         0 ANNUAL    AREA2              5
       606867.8      4200888.22      64164.19937         75.46     75.46         0 ANNUAL    AREA2              5
       606887.8      4200888.22      62072.36269         75.28     75.28         0 ANNUAL    AREA2              5
       606907.8      4200888.22      60035.68108         75.15     75.15         0 ANNUAL    AREA2              5
       606927.8      4200888.22      58032.60012         74.84     74.84         0 ANNUAL    AREA2              5
       607027.8      4200888.22      48951.93537         73.85     73.85         0 ANNUAL    AREA2              5
       607047.8      4200888.22      47304.93444         73.54     73.54         0 ANNUAL    AREA2              5
       607067.8      4200888.22      45721.98149          73.3      73.3         0 ANNUAL    AREA2              5
       607087.8      4200888.22      44195.12572         73.04     73.04         0 ANNUAL    AREA2              5
       607107.8      4200888.22      42725.24328         72.79     72.79         0 ANNUAL    AREA2              5
       607127.8      4200888.22      41310.29174         72.54     72.54         0 ANNUAL    AREA2              5
       607147.8      4200888.22      39951.65305         72.34     72.34         0 ANNUAL    AREA2              5
       607167.8      4200888.22      38641.82007         72.09     72.09         0 ANNUAL    AREA2              5
       607187.8      4200888.22      37378.04783         71.76     71.76         0 ANNUAL    AREA2              5
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       607227.8      4200888.22      35001.82493         71.22     71.22         0 ANNUAL    AREA2              5
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       606787.8      4200908.22       78582.6336         75.89     75.89         0 ANNUAL    AREA2              5
       606807.8      4200908.22      75832.57662         75.69     75.69         0 ANNUAL    AREA2              5
       606827.8      4200908.22      73164.56186          75.6      75.6         0 ANNUAL    AREA2              5
       606847.8      4200908.22      70586.26157         75.64     75.64         0 ANNUAL    AREA2              5
       606867.8      4200908.22      68045.38331         75.43     75.43         0 ANNUAL    AREA2              5
       606887.8      4200908.22      65594.61887         75.28     75.28         0 ANNUAL    AREA2              5
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       607067.8      4200908.22      47171.69927         73.27     73.27         0 ANNUAL    AREA2              5
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       607107.8      4200908.22      43917.23536         72.83     72.83         0 ANNUAL    AREA2              5
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       607227.8      4200908.22       35651.8776         71.32     71.32         0 ANNUAL    AREA2              5
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       606747.8      4200928.22      91335.78782         75.75     75.75         0 ANNUAL    AREA2              5
       606767.8      4200928.22      87805.08638         75.68     75.68         0 ANNUAL    AREA2              5
       606787.8      4200928.22      84462.33771         75.99     75.99         0 ANNUAL    AREA2              5
       606807.8      4200928.22      81161.52098         76.01     76.01         0 ANNUAL    AREA2              5
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       606767.8      4200948.22       94529.4418         76.14     76.14         0 ANNUAL    AREA2              5
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       606807.8      4200948.22      86445.26703         76.15     76.15         0 ANNUAL    AREA2              5
       606827.8      4200948.22      82654.26037         75.94     75.94         0 ANNUAL    AREA2              5
       606927.8      4200948.22      66419.54995          74.8      74.8         0 ANNUAL    AREA2              5
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       606967.8      4200948.22       61031.6774         74.34     74.34         0 ANNUAL    AREA2              5
       606987.8      4200948.22      58544.09574         74.14     74.14         0 ANNUAL    AREA2              5
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       607047.8      4200948.22      51800.39776         73.48     73.48         0 ANNUAL    AREA2              5
       607067.8      4200948.22      49771.13038         73.24     73.24         0 ANNUAL    AREA2              5
       607087.8      4200948.22      47845.15947         73.04     73.04         0 ANNUAL    AREA2              5
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       607167.8      4200948.22      41032.04668         72.16     72.16         0 ANNUAL    AREA2              5
       607187.8      4200948.22      39529.44502         71.94     71.94         0 ANNUAL    AREA2              5
       607207.8      4200948.22      38099.72886         71.74     71.74         0 ANNUAL    AREA2              5
       607227.8      4200948.22      36739.37174         71.57     71.57         0 ANNUAL    AREA2              5
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       606727.8      4200968.22      112039.3679         76.45     76.45         0 ANNUAL    AREA2              5
       606747.8      4200968.22      106445.1752         76.41     76.41         0 ANNUAL    AREA2              5
       606767.8      4200968.22      101190.9469         76.36     76.36         0 ANNUAL    AREA2              5
       606787.8      4200968.22      96247.06128         76.26     76.26         0 ANNUAL    AREA2              5
       606907.8      4200968.22      72175.21083         74.94     74.94         0 ANNUAL    AREA2              5
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       607007.8      4200968.22      57783.28174         73.94     73.94         0 ANNUAL    AREA2              5
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       606567.8      4200988.22      195154.8536         75.33     75.33         0 ANNUAL    AREA2              5
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       606967.8      4201008.22      66581.24574         74.34     74.34         0 ANNUAL    AREA2              5
       606987.8      4201008.22      63457.39974         74.14     74.14         0 ANNUAL    AREA2              5
       607007.8      4201008.22      60530.15223         73.94     73.94         0 ANNUAL    AREA2              5
       607027.8      4201008.22      57775.26653         73.65     73.65         0 ANNUAL    AREA2              5
       607047.8      4201008.22      55196.46306         73.44     73.44         0 ANNUAL    AREA2              5
       607067.8      4201008.22      52773.48878         73.24     73.24         0 ANNUAL    AREA2              5
       607087.8      4201008.22      50494.04669         73.04     73.04         0 ANNUAL    AREA2              5
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       607147.8      4201008.22      44418.02553         72.44     72.44         0 ANNUAL    AREA2              5
       607167.8      4201008.22      42618.05725         72.24     72.24         0 ANNUAL    AREA2              5
       607187.8      4201008.22      40918.10695         72.04     72.04         0 ANNUAL    AREA2              5
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       606947.8      4201028.22       71615.1711         74.54     74.54         0 ANNUAL    AREA2              5
       606967.8      4201028.22      68060.36359         74.34     74.34         0 ANNUAL    AREA2              5
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       607047.8      4201028.22      56047.48389         73.51     73.51         0 ANNUAL    AREA2              5
       607067.8      4201028.22      53506.88398         73.27     73.27         0 ANNUAL    AREA2              5
       607087.8      4201028.22      51127.10511         73.07     73.07         0 ANNUAL    AREA2              5
       607107.8      4201028.22      48892.54301         72.87     72.87         0 ANNUAL    AREA2              5
       607127.8      4201028.22      46792.39048         72.67     72.67         0 ANNUAL    AREA2              5
       607147.8      4201028.22      44815.49606         72.45     72.45         0 ANNUAL    AREA2              5
       607167.8      4201028.22      42957.35371         72.28     72.28         0 ANNUAL    AREA2              5
       607187.8      4201028.22      41207.90842         72.14     72.14         0 ANNUAL    AREA2              5
       606727.8      4201048.22      144434.0394         77.08     77.08         0 ANNUAL    AREA2              5
       606747.8      4201048.22      134367.8841         76.95     76.95         0 ANNUAL    AREA2              5
       606767.8      4201048.22       125302.784         76.67     76.67         0 ANNUAL    AREA2              5
       606787.8      4201048.22      117200.3527         76.53     76.53         0 ANNUAL    AREA2              5
       606807.8      4201048.22      109818.3421         76.24     76.24         0 ANNUAL    AREA2              5
       606827.8      4201048.22      103120.5608         75.99     75.99         0 ANNUAL    AREA2              5
       606847.8      4201048.22      96982.18144         75.64     75.64         0 ANNUAL    AREA2              5
       606867.8      4201048.22      91385.55215          75.4      75.4         0 ANNUAL    AREA2              5
       606887.8      4201048.22      86236.06136         75.13     75.13         0 ANNUAL    AREA2              5
       606907.8      4201048.22       81512.3386         74.98     74.98         0 ANNUAL    AREA2              5
       606927.8      4201048.22      77137.33996         74.77     74.77         0 ANNUAL    AREA2              5
       606947.8      4201048.22      73088.30092         74.57     74.57         0 ANNUAL    AREA2              5
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606967.8	4201048.22	69340.29165	74.43	74.43	0 ANNUAL	AREA2	5	606967.8	4201048.22	50841.0318	74.43	74.43	0 ANNUAL	AREA3	5	606967.8	4201048.22	0.07325	74.43	74.43	0 ANNUAL	ROAD1	5	606967.8	4201048.22	0.07758	74.43	74.43	0 ANNUAL	ROAD2	5	606967.8	4201048.22
606987.8	4201048.22	65849.53203	74.23	74.23	0 ANNUAL	AREA2	5	606987.8	4201048.22	48834.81209	74.23	74.23	0 ANNUAL	AREA3	5	606987.8	4201048.22	0.07999	74.23	74.23	0 ANNUAL	ROAD1	5	606987.8	4201048.22	0.08495	74.23	74.23	0 ANNUAL	ROAD2	5	606987.8	4201048.22
607007.8	4201048.22	62602.05527	74.04	74.04	0 ANNUAL	AREA2	5	607007.8	4201048.22	46947.92051	74.04	74.04	0 ANNUAL	AREA3	5	607007.8	4201048.22	0.08785	74.04	74.04	0 ANNUAL	ROAD1	5	607007.8	4201048.22	0.09355	74.04	74.04	0 ANNUAL	ROAD2	5	607007.8	4201048.22
607027.8	4201048.22	59570.17241	73.8	73.8	0 ANNUAL	AREA2	5	607027.8	4201048.22	45170.90194	73.8	73.8	0 ANNUAL	AREA3	5	607027.8	4201048.22	0.09716	73.8	73.8	0 ANNUAL	ROAD1	5	607027.8	4201048.22	0.10362	73.8	73.8	0 ANNUAL	ROAD2	5	607027.8	4201048.22
607047.8	4201048.22	56742.00597	73.57	73.57	0 ANNUAL	AREA2	5	607047.8	4201048.22	43499.4814	73.57	73.57	0 ANNUAL	AREA3	5	607047.8	4201048.22	0.10813	73.57	73.57	0 ANNUAL	ROAD1	5	607047.8	4201048.22	0.11558	73.57	73.57	0 ANNUAL	ROAD2	5	607047.8	4201048.22
607067.8	4201048.22	54101.38951	73.36	73.36	0 ANNUAL	AREA2	5	607067.8	4201048.22	41927.03183	73.36	73.36	0 ANNUAL	AREA3	5	607067.8	4201048.22	0.12127	73.36	73.36	0 ANNUAL	ROAD1	5	607067.8	4201048.22	0.12996	73.36	73.36	0 ANNUAL	ROAD2	5	607067.8	4201048.22
607087.8	4201048.22	51630.34531	73.14	73.14	0 ANNUAL	AREA2	5	607087.8	4201048.22	40445.96869	73.14	73.14	0 ANNUAL	AREA3	5	607087.8	4201048.22	0.13734	73.14	73.14	0 ANNUAL	ROAD1	5	607087.8	4201048.22	0.14756	73.14	73.14	0 ANNUAL	ROAD2	5	607087.8	4201048.22
607107.8	4201048.22	49317.56357	72.94	72.94	0 ANNUAL	AREA2	5	607107.8	4201048.22	39051.00642	72.94	72.94	0 ANNUAL	AREA3	5	607107.8	4201048.22	0.15725	72.94	72.94	0 ANNUAL	ROAD1	5	607107.8	4201048.22	0.16931	72.94	72.94	0 ANNUAL	ROAD2	5	607107.8	4201048.22
607127.8	4201048.22	47149.07415	72.74	72.74	0 ANNUAL	AREA2	5	607127.8	4201048.22	37735.43137	72.74	72.74	0 ANNUAL	AREA3	5	607127.8	4201048.22	0.18242	72.74	72.74	0 ANNUAL	ROAD1	5	607127.8	4201048.22	0.1968	72.74	72.74	0 ANNUAL	ROAD2	5	607127.8	4201048.22
607147.8	4201048.22	45113.72943	72.54	72.54	0 ANNUAL	AREA2	5	607147.8	4201048.22	36493.64103	72.54	72.54	0 ANNUAL	AREA3	5	607147.8	4201048.22	0.21508	72.54	72.54	0 ANNUAL	ROAD1	5	607147.8	4201048.22	0.23233	72.54	72.54	0 ANNUAL	ROAD2	5	607147.8	4201048.22
607167.8	4201048.22	43198.45355	72.29	72.29	0 ANNUAL	AREA2	5	607167.8	4201048.22	35319.1814	72.29	72.29	0 ANNUAL	AREA3	5	607167.8	4201048.22	0.25891	72.29	72.29	0 ANNUAL	ROAD1	5	607167.8	4201048.22	0.27978	72.29	72.29	0 ANNUAL	ROAD2	5	607167.8	4201048.22
607187.8	4201048.22	41403.22709	72.14	72.14	0 ANNUAL	AREA2	5	607187.8	4201048.22	34211.17782	72.14	72.14	0 ANNUAL	AREA3	5	607187.8	4201048.22	0.31862	72.14	72.14	0 ANNUAL	ROAD1	5	607187.8	4201048.22	0.34397	72.14	72.14	0 ANNUAL	ROAD2	5	607187.8	4201048.22
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606547.8	4201068.22	429946.4651	77.27	77.27	0 ANNUAL	AREA2	5	606547.8	4201068.22	100767.9376	77.27	77.27	0 ANNUAL	AREA3	5	606547.8	4201068.22	0.02117	77.27	77.27	0 ANNUAL	ROAD1	5	606547.8	4201068.22	0.02184	77.27	77.27	0 ANNUAL	ROAD2	5	606547.8	4201068.22
606567.8	4201068.22	351363.5706	77.05	77.05	0 ANNUAL	AREA2	5	606567.8	4201068.22	98951.78493	77.05	77.05	0 ANNUAL	AREA3	5	606567.8	4201068.22	0.02198	77.05	77.05	0 ANNUAL	ROAD1	5	606567.8	4201068.22	0.0227	77.05	77.05	0 ANNUAL	ROAD2	5	606567.8	4201068.22
606587.8	4201068.22	300763.3814	76.99	76.99	0 ANNUAL	AREA2	5	606587.8	4201068.22	97099.33716	76.99	76.99	0 ANNUAL	AREA3	5	606587.8	4201068.22	0.02281	76.99	76.99	0 ANNUAL	ROAD1	5	606587.8	4201068.22	0.02357	76.99	76.99	0 ANNUAL	ROAD2	5	606587.8	4201068.22
606607.8	4201068.22	264510.5256	77.02	77.02	0 ANNUAL	AREA2	5	606607.8	4201068.22	95155.74372	77.02	77.02	0 ANNUAL	AREA3	5	606607.8	4201068.22	0.02367	77.02	77.02	0 ANNUAL	ROAD1	5	606607.8	4201068.22	0.02448	77.02	77.02	0 ANNUAL	ROAD2	5	606607.8	4201068.22
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606667.8	4201068.22	194198.3656	77.1	77.1	0 ANNUAL	AREA2	5	606667.8	4201068.22	88341.88539	77.1	77.1	0 ANNUAL	AREA3	5	606667.8	4201068.22	0.02662	77.1	77.1	0 ANNUAL	ROAD1	5	606667.8	4201068.22	0.02762	77.1	77.1	0 ANNUAL	ROAD2	5	606667.8	4201068.22
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606707.8	4201068.22	163611.6529	77.14	77.14	0 ANNUAL	AREA2	5	606707.8	4201068.22	82887.20682	77.14	77.14	0 ANNUAL	AREA3	5	606707.8	4201068.22	0.02899	77.14	77.14	0 ANNUAL	ROAD1	5	606707.8	4201068.22	0.03014	77.14	77.14	0 ANNUAL	ROAD2	5	606707.8	4201068.22
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606747.8	4201068.22	140053.3296	76.88	76.88	0 ANNUAL	AREA2	5	606747.8	4201068.22	77034.34592	76.88	76.88	0 ANNUAL	AREA3	5	606747.8	4201068.22	0.03191	76.88	76.88	0 ANNUAL	ROAD1	5	606747.8	4201068.22	0.03325	76.88	76.88	0 ANNUAL	ROAD2	5	606747.8	4201068.22
606767.8	4201068.22	130212.4463	76.71	76.71	0 ANNUAL	AREA2	5	606767.8	4201068.22	74083.6424	76.71	76.71	0 ANNUAL	AREA3	5	606767.8	4201068.22	0.03359	76.71	76.71	0 ANNUAL	ROAD1	5	606767.8	4201068.22	0.03504	76.71	76.71	0 ANNUAL	ROAD2	5	606767.8	4201068.22
606787.8	4201068.22	121403.621	76.55	76.55	0 ANNUAL	AREA2	5	606787.8	4201068.22	71172.00069	76.55	76.55	0 ANNUAL	AREA3	5	606787.8	4201068.22	0.03542	76.55	76.55	0 ANNUAL	ROAD1	5	606787.8	4201068.22	0.03699	76.55	76.55	0 ANNUAL	ROAD2	5	606787.8	4201068.22
606807.8	4201068.22	113412.592	76.22	76.22	0 ANNUAL	AREA2	5	606807.8	4201068.22	68315.09114	76.22	76.22	0 ANNUAL	AREA3	5	606807.8	4201068.22	0.03752	76.22	76.22	0 ANNUAL	ROAD1	5	606807.8	4201068.22	0.03924	76.22	76.22	0 ANNUAL	ROAD2	5	606807.8	4201068.22
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606867.8	4201068.22	93673.00958	75.43	75.43	0 ANNUAL	AREA2	5	606867.8	4201068.22	60347.37803	75.43	75.43	0 ANNUAL	AREA3	5	606867.8	4201068.22	0.04569	75.43	75.43	0 ANNUAL	ROAD1	5	606867.8	4201068.22	0.04749	75.43	75.43	0 ANNUAL	ROAD2	5	606867.8	4201068.22
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607007.8	4201068.22	63362.05576	74.13	74.13	0 ANNUAL	AREA2	5	607007.8	4201068.22	45717.89522	74.13	74.13	0 ANNUAL	AREA3	5	607007.8	4201068.22	0.07868	74.13	74.13	0 ANNUAL	ROAD1	5	607007.8	4201068.22	0.0836	74.13	74.13	0 ANNUAL	ROAD2	5	607007.8	4201068.22
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607047.8	4201068.22	57280.06993	73.67	73.67	0 ANNUAL	AREA2	5	607047.8	4201068.22	42466.76385	73.67	73.67	0 ANNUAL	AREA3	5	607047.8	4201068.22	0.09573	73.67	73.67	0 ANNUAL	ROAD1	5	607047.8	4201068.22	0.10227	73.67	73.67	0 ANNUAL	ROAD2	5	607047.8	4201068.22
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607087.8	4201068.22	51998.28657	73.21	73.21	0 ANNUAL	AREA2	5	607087.8	4201068.22	39564.71208	73.21	73.21	0 ANNUAL	AREA3	5	607087.8	4201068.22	0.11991	73.21	73.21	0 ANNUAL	ROAD1	5	607087.8	4201068.22	0.12893	73.21	73.21	0 ANNUAL	ROAD2	5	607087.8	4201068.22
607107.8	4201068.22	49613.74451	72.95	72.95	0 ANNUAL	AREA2	5	607107.8	4201068.22	38231.25007	72.95	72.95	0 ANNUAL	AREA3	5	607107.8	4201068.22	0.1363	72.95	72.95	0 ANNUAL	ROAD1	5	607107.8	4201068.22	0.14706	72.95	72.95	0 ANNUAL	ROAD2	5	607107.8	4201068.22
607127.8	4201068.22	47386.65325	72.74	72.74	0 ANNUAL	AREA2	5	607127.8	4201068.22	36971.66558	72.74	72.74	0 ANNUAL	AREA3	5	607127.8	4201068.22	0.15665	72.74	72.74	0 ANNUAL	ROAD1	5	607127.8	4201068.22	0.16965	72.74	72.74	0 ANNUAL	ROAD2	5	607127.8	4201068.22
607147.8	4201068.22	45301.3717	72.54	72.54	0 ANNUAL	AREA2	5	607147.8	4201068.22	35780.07256	72.54	72.54	0 ANNUAL	AREA3	5	607147.8	4201068.22	0.18269	72.54	72.54	0 ANNUAL	ROAD1	5	607147.8	4201068.22	0.19866	72.54	72.54	0 ANNUAL	ROAD2	5	607147.8	4201068.22
607167.8	4201068.22	43346.05729	72.34	72.34	0 ANNUAL	AREA2	5	607167.8	4201068.22	34651.98983	72.34	72.34	0 ANNUAL	AREA3	5	607167.8	4201068.22	0.21689	72.34	72.34	0 ANNUAL	ROAD1	5	607167.8	4201068.22	0.23697	72.34	72.34	0 ANNUAL	ROAD2	5	607167.8	4201068.22
607187.8	4201068.22	41510.53146	72.14	72.14	0 ANNUAL	AREA2	5	607187.8	4201068.22	33583.11001	72.14	72.14	0 ANNUAL	AREA3	5	607187.8	4201068.22	0.26331	72.14	72.14	0 ANNUAL	ROAD1	5	607187.8	4201068.22	0.28924	72.14	72.14	0 ANNUAL	ROAD2	5	607187.8	4201068.22
607207.8	4201068.22	39785.73014	71.94	71.94	0 ANNUAL	AREA2	5	607207.8	4201068.22	32569.69904	71.94	71.94	0 ANNUAL	AREA3	5	607207.8	4201068.22	0.3289	71.94	71.94	0 ANNUAL	ROAD1	5	607207.8	4201068.22	0.36351	71.94	71.94	0 ANNUAL	ROAD2	5	607207.8	4201068.22
607227.8	4201068.22	38163.46122	71.74	71.74	0 ANNUAL	AREA2	5	607227.8	4201068.22	31608.01741	71.74	71.74	0 ANNUAL	AREA3	5	607227.8	4201068.22	0.42656	71.74	71.74	0 ANNUAL	ROAD1	5	607227.8	4201068.22	0.47459	71.74	71.74	0 ANNUAL	ROAD2	5	607227.8	4201068.22
607247.8	4201068.22	36636.01359	71.54	71.54	0 ANNUAL	AREA2	5	607247.8	4201068.22	30694.61673	71.54	71.54	0 ANNUAL	AREA3	5	607247.8	4201068.22	0.58325	71.54	71.54	0 ANNUAL	ROAD1	5	607247.8	4201068.22	0.65243	71.54	71.54	0 ANNUAL	ROAD2	5	607247.8	4201068.22
607267.8	4201068.22	35196.50107	71.34	71.34	0 ANNUAL	AREA2	5	607267.8	4201068.22	29826.10415	71.34	71.34	0 ANNUAL	AREA3	5	607267.8	4201068.22	0.86426	71.34	71.34	0 ANNUAL	ROAD1	5	607267.8	4201068.22	0.96507	71.34	71.34	0 ANNUAL	ROAD2	5	607267.8	4201068.22
607287.8	4201068.22	33838.58958	71.14	71.14	0 ANNUAL	AREA2	5	607287.8	4201068.22	28999.667	71.14	71.14	0 ANNUAL	AREA3	5	607287.8	4201068.22	1.45809	71.14	71.14	0 ANNUAL	ROAD1	5	607287.8	4201068.22	1.58626	71.14	71.14	0 ANNUAL	ROAD2	5	607287.8	4201068.22
607307.8	4201068.22	32556.52752	70.94	70.94	0 ANNUAL	AREA2	5	607307.8	4201068.22	28212.74579	70.94	70.94	0 ANNUAL	AREA3	5	607307.8	4201068.22	3.00598	70.94	70.94	0 ANNUAL	ROAD1	5	607307.8	4201068.22	2.96884	70.94	70.94	0 ANNUAL	ROAD2	5	607307.8	4201068.22
606527.8	4201088.22	572039.6666	77.77	77.77	0 ANNUAL	AREA2	5	606527.8	4201088.22	95485.69963	77.77	77.77	0 ANNUAL	AREA3	5	606527.8	4201088.22	0.01928	77.77	77.77	0 ANNUAL	ROAD1	5	606527.8	4201088.22	0.01983	77.77	77.77	0 ANNUAL	ROAD2	5	606527.8	4201088.22
606547.8	4201088.22	464393.627	77.58	77.58	0 ANNUAL	AREA2	5	606547.8	4201088.22	93850.00865	77.58	77.58	0 ANNUAL	AREA3	5	606547.8	4201088.22	0.01998	77.58	77.58	0 ANNUAL	ROAD1	5	606547.8	4201088.22	0.02056	77.58	77.58	0 ANNUAL	ROAD2	5	606547.8	4201088.22
606567.8	4201088.22	379268.6773	77.49	77.49	0 ANNUAL	AREA2	5	606567.8	4201088.22	92199.3927	77.49	77.49	0 ANNUAL	AREA3	5	606567.8	4201088.22	0.02069	77.49	77.49	0 ANNUAL	ROAD1	5	606567.8	4201088.22	0.02131	77.49	77.49	0 ANNUAL	ROAD2	5	606567.8	4201088.22
606587.8	4201088.22	323029.052	77.36	77.36	0 ANNUAL	AREA2	5	606587.8	4201088.22	90487.20005	77.36	77.36	0 ANNUAL	AREA3	5	606587.8	4201088.22	0.02146	77.36	77.36	0 ANNUAL	ROAD1	5	606587.8	4201088.22	0.02212	77.36	77.36	0 ANNUAL	ROAD2	5	606587.8	4201088.22
606607.8	4201088.22	282624.1615	77.4	77.4	0 ANNUAL	AREA2	5	606607.8	4201088.22	88717.47507	77.4	77.4	0 ANNUAL	AREA3	5	606607.8	4201088.22	0.02224	77.4	77.4	0 ANNUAL	ROAD1	5	606607.8	4201088.22	0.02293	77.4	77.4	0 ANNUAL	ROAD2	5	606607.8	4201088.22
606627.8	4201088.22	251010.8581	77.33	77.33	0 ANNUAL	AREA2	5	606627.8	4201088.22	86849.55824	77.33	77.33	0 ANNUAL	AREA3	5	606627.8	4201088.22	0.0231	77.33	77.33	0 ANNUAL	ROAD1	5	606627.8	4201088.22	0.02384	77.33	77.33	0 ANNUAL	ROAD2	5	606627.8	4201088.22
606647.8	4201088.22	225536.8819	77.34	77.34	0 ANNUAL	AREA2	5	606647.8	4201088.22	84832.94789	77.34	77.34	0 ANNUAL	AREA3	5	606647.8	4201088.22	0.024	77.34	77.34	0 ANNUAL	ROAD1	5	606647.8	4201088.22	0.02479	77.34	77.34	0 ANNUAL	ROAD2	5	606647.8	4201088.22
606667.8	4201088.22	204267.33	77.31	77.31	0 ANNUAL	AREA2	5	606667.8	4201088.22	82651.74363	77.31	77.31	0 ANNUAL	AREA3	5	606667.8	4201088.22	0.02498	77.31	77.31	0 ANNUAL	ROAD1	5	606667.8	4201088.22	0.02582	77.31	77.31	0 ANNUAL	ROAD2	5	606667.8	4201088.22
606687.8	4201088.22	186167.0725	77.22	77.22	0 ANNUAL	AREA2	5	606687.8	4201088.22	80316.68742	77.22	77.22	0 ANNUAL	AREA3	5	606687.8	4201088.22	0.02605	77.22	77.22	0 ANNUAL	ROAD1	5	606687.8	4201088.22	0.02696	77.22	77.22	0 ANNUAL	ROAD2	5	606687.8	4201088.22
606707.8	4201088.22	170607.6827	77.14	77.14	0 ANNUAL	AREA2	5	606707.8	4201088.22	77877.43861	77.14	77.14	0 ANNUAL	AREA3	5	606707.8	4201088.22	0.02721	77.14	77.14	0 ANNUAL	ROAD1	5	606707.8	4201088.22	0.02818	77.14	77.14	0 ANNUAL	ROAD2	5	606707.8	4201088.22
606727.8	4201088.22	157075.1416	77.08	77.08	0 ANNUAL	AREA2	5	606727.8	4201088.22	75353.04582	77.08	77.08	0 ANNUAL	AREA3	5	606727.8	4201088.22	0.02844	77.08	77.08	0 ANNUAL	ROAD1	5	606727.8	4201088.22	0.02949	77.08	77.08	0 ANNUAL	ROAD2	5	606727.8	4201088.22
606747.8	4201088.22	145078.3664	76.84	76.84	0 ANNUAL	AREA2	5	606747.8	4201088.22	72770.52775	76.84	76.84	0 ANNUAL	AREA3	5	606747.8	4201088.22	0.02987	76.84	76.84	0 ANNUAL	ROAD1	5	606747.8	4201088.22	0.03099	76.84	76.84	0 ANNUAL	ROAD2	5	606747.8	4201088.22
606767.8	4201088.22	134481.7196	76.65	76.65	0 ANNUAL	AREA2	5	606767.8	4201088.22	70182.24719	76.65	76.65	0 ANNUAL	AREA3	5	606767.8	4201088.22	0.03139	76.65	76.65	0 ANNUAL	ROAD1	5	606767.8	4201088.22	0.03261	76.65	76.65	0 ANNUAL	ROAD2	5	606767.8	4201088.22
606787.8	4201088.22	125025.7634	76.45	76.45	0 ANNUAL	AREA2	5	606787.8	4201088.22	67613.89533	76.45	76.45	0 ANNUAL	AREA3	5	606787.8	4201088.22	0.03305	76.45	76.45	0 ANNUAL	ROAD1	5	606787.8	4201088.22	0.03437	76.45	76.45	0 ANNUAL	ROAD2	5	606787.8	4201088.22
606807.8	4201088.22	116522.8335	76.2	76.2	0 ANNUAL	AREA2	5	606807.8	4201088.22	65088.90431	76.2	76.2	0 ANNUAL	AREA3	5	606807.8	4201088.22	0.0349	76.2	76.2	0 ANNUAL	ROAD1	5	606807.8	4201088.22	0.03634	76.2	76.2	0 ANNUAL	ROAD2	5	606807.8	4201088.22
606827.8	4201088.22	108852.51	75.94	75.94	0 ANNUAL	AREA2	5	606827.8	4201088.22	62628.94569	75.94	75.94	0 ANNUAL	AREA3	5	606827.8	4201088.22	0.03694	75.94	75.94	0 ANNUAL	ROAD1	5	606827.8	4201088.22	0.0385	75.94	75.94	0 ANNUAL	ROAD2	5	606827.8	4201088.22
606847.8	4201088.22	101920.131	75.74	75.74	0 ANNUAL	AREA2	5	606847.8	4201088.22	60251.82393	75.74	75.74	0 ANNUAL	AREA3	5	606847.8	4201088.22	0.03915	75.74	75.74	0 ANNUAL	ROAD1	5	606847.8	4201088.22	0.04085	75.74	75.74	0 ANNUAL	ROAD2	5	606847.8	4201088.22
606867.8	4201088.22	95598.3288	75.47	75.47	0 ANNUAL	AREA2	5	606867.8	4201088.22	57957.37525	75.47	75.47	0 ANNUAL	AREA3	5	606867.8	4201088.22	0.04216	75.47	75.47	0 ANNUAL	ROAD1	5	606867.8	4201088.22	0.04359	75.47	75.47	0 ANNUAL	ROAD2	5	606867.8	4201088.22
606887.8	4201088.22	89851.57984	75.3	75.3	0 ANNUAL	AREA2	5	606887.8	4201088.22	55760.10873	75.3	75.3	0 ANNUAL	AREA3	5	606887.8	4201088.22	0.04513	75.3	75.3	0 ANNUAL	ROAD1	5	606887.8	4201088.22	0.0471	75.3	75.3	0 ANNUAL	ROAD2	5	606887.8	4201088.22
606907.8	4201088.22	84590.28953	75.13	75.13	0 ANNUAL	AREA2	5	606907.8	4201088.22	53655.93158	75.13	75.13	0 ANNUAL	AREA3	5	606907.8	4201088.22	0.04833	75.13	75.13	0 ANNUAL	ROAD1	5	606907.8	4201088.22	0.05051	75.13	75.13	0 ANNUAL	ROAD2	5	606907.8	4201088.22
606927.8	4201088.22	79756.03135	74.93	74.93	0 ANNUAL	AREA2	5	606927.8	4201088.22	51644.20709	74.93	74.93	0 ANNUAL	AREA3	5	606927.8	4201088.22	0.05199	74.93	74.93	0 ANNUAL	ROAD1	5	606927.8	4201088.22	0.05446	74.93	74.93	0 ANNUAL	ROAD2	5	606927.8	4201088.22
606947.8	4201088.22	75310.21302	74.74	74.74	0 ANNUAL	AREA2	5	606947.8	4201088.22	49726.25668	74.74	74.74	0 ANNUAL	AREA3	5	606947.8	4201088.22	0.05592	74.74	74.74	0 ANNUAL	ROAD1	5	606947.8	4201088.22	0.05873	74.74	74.74	0 ANNUAL	ROAD2	5	606947.8	4201088.22
606967.8	4201088.22	71210.08104	74.54	74.54	0 ANNUAL	AREA2	5	606967.8	4201088.22	47899.07453	74.54	74.54	0 ANNUAL	AREA3	5	606967.8	4201088.22	0.06034	74.54	74.54	0 ANNUAL	ROAD1	5	606967.8	4201088.22	0.06349	74.54	74.54	0 ANNUAL	ROAD2	5	606967.8	4201088.22
606987.8	4201088.22	67422.64601	74.34	74.34	0 ANNUAL	AREA2	5	606987.8	4201088.22	46160.90082	74.34	74.34	0 ANNUAL	AREA3	5	606987.8	4201088.22	0.06534	74.34	74.34	0 ANNUAL	ROAD1	5	606987.8	4201088.22	0.06891	74.34	74.34	0 ANNUAL	ROAD2	5	606987.8	4201088.22
607007.8	4201088.22	63918.72776	74.15	74.15	0 ANNUAL	AREA2	5	607007.8	4201088.22	44509.80948	74.15	74.15	0 ANNUAL	AREA3	5	607007.8	4201088.22	0.07109	74.15	74.15	0 ANNUAL	ROAD1	5	607007.8	4201088.22	0.07513	74.15	74.15	0 ANNUAL	ROAD2	5	607007.8	4201088.22
607027.8	4201088.22	60671.58929	73.97	73.97	0 ANNUAL	AREA2	5	607027.8	4201088.22	42942.25508	73.97	73.97	0 ANNUAL	AREA3	5	607027.8	4201088.22	0.07769	73.97	73.97	0 ANNUAL	ROAD1	5	607027.8	4201088.22	0.08233	73.97	73.97	0 ANNUAL	ROAD2	5	607027.8	4201088.22
607047.8	4201088.22	57652.7147	73.75	73.75	0 ANNUAL	AREA2	5	607047.8	4201088.22	41453.49074	73.75	73.75	0 ANNUAL	AREA3	5	607047.8	4201088.22	0.08548	73.75	73.75	0 ANNUAL	ROAD1	5	607047.8	4201088.22	0.09076	73.75	73.75	0 ANNUAL	ROAD2	5	607047.8	4201088.22
607067.8	4201088.22	54847.55833	73.55	73.55	0 ANNUAL	AREA2	5	607067.8	4201088.22	40041.99123	73.55	73.55	0 ANNUAL	AREA3	5	607067.8	4201088.22	0.09459	73.55	73.55	0 ANNUAL	ROAD1	5	607067.8	4201088.22	0.10071	73.55	73.55	0 ANNUAL	ROAD2	5	607067.8	4201088.22
607087.8	4201088.22	52226.46936	73.24	73.24	0 ANNUAL	AREA2	5	607087.8	4201088.22	38700.06851	73.24	73.24	0 ANNUAL	AREA3	5	607087.8	4201088.22	0.10569	73.24	73.24	0 ANNUAL	ROAD1	5	607087.8	4201088.22	0.11287	73.24	73.24	0 ANNUAL	ROAD2	5	607087.8	4201088.22
607107.8	4201088.22	49789.01928	73.01	73.01	0 ANNUAL	AREA2	5	607107.8	4201088.22	37429.82903	73.01	73.01	0 ANNUAL	AREA3	5	607107.8	4201088.22	0.11905	73.01	73.01	0 ANNUAL	ROAD1	5	607107.8	4201088.22	0.12758	73.01	73.01	0 ANNUAL	ROAD2	5	607107.8	4201088.22
607127.8	4201088.22	47510.4985	72.74	72.74	0 ANNUAL	AREA2	5	607127.8	4201088.22	36224.08293	72.74	72.74	0 ANNUAL	AREA3	5	607127.8	4201088.22	0.1357	72.74	72.74	0 ANNUAL	ROAD1	5	607127.8	4201088.22	0.14591	72.74	72.74	0 ANNUAL	ROAD2	5	607127.8	4201088.22
607147.8	4201088.22	45385.15424	72.54	72.54	0 ANNUAL	AREA2	5	607147.8	4201088.22	35082.04401	72.54	72.54	0 ANNUAL	AREA3	5	607147.8	4201088.22	0.15643	72.54	72.54	0 ANNUAL	ROAD1	5	607147.8	4201088.22	0.1689	72.54	72.54	0 ANNUAL	ROAD2	5	607147.8	4201088.22
607167.8	4201088.22	43395.77565	72.34	72.34	0 ANNUAL	AREA2	5	607167.8	4201088.22	33998.25525	72.34	72.34	0 ANNUAL	AREA3	5	607167.8	4201088.22	0.18307	72.34	72.34	0 ANNUAL	ROAD1	5	607167.8	4201088.22	0.19873	72.34	72.34	0 ANNUAL	ROAD2	5	607167.8	4201088.22
607187.8	4201088.22	41531.32301	72.14	72.14	0 ANNUAL	AREA2	5	607187.8	4201088.22	32969.42046	72.14	72.14	0 ANNUAL	AREA3	5	607187.8	4201088.22	0.21821	72.14	72.14	0 ANNUAL	ROAD1	5	607187.8	4201088.22	0.23855	72.14	72.14	0 ANNUAL	ROAD2	5	607187.8	4201088.22
607207.8	4201088.22	39782.03753	71.94	71.94	0 ANNUAL	AREA2	5	607207.8	4201088.22	31991.93074	71.94	71.94	0 ANNUAL	AREA3	5	607207.8	4201088.22	0.2661	71.94	71.94	0 ANNUAL	ROAD1	5	607207.8	4201088.22	0.2937	71.94	71.94	0 ANNUAL	ROAD2	5	607207.8	4201088.22
607227.8	4201088.22	38139.05752	71.74	71.74	0 ANNUAL	AREA2	5	607227.8	4201088.22	31062.9647	71.74	71.74	0 ANNUAL	AREA3	5	607227.8	4201088.22	0.33423	71.74	71.74	0 ANNUAL	ROAD1	5	607227.8	4201088.22	0.3738	71.74	71.74	0 ANNUAL	ROAD2	5	607227.8	4201088.22
607247.8	4201088.22	36594.30598	71.54	71.54	0 ANNUAL	AREA2	5	607247.8	4201088.22	30179.21459	71.54	71.54	0 ANNUAL	AREA3	5	607247.8	4201088.22	0.43751	71.54	71.54	0 ANNUAL	ROAD1	5	607247.8	4201088.22	0.4984	71.54	71.54	0 ANNUAL	ROAD2	5	607247.8	4201088.22
607267.8	4201088.22	35140.38765	71.34	71.34	0 ANNUAL	AREA2	5	607267.8	4201088.22	29338.04675	71.34	71.34	0 ANNUAL	AREA3	5	607267.8	4201088.22	0.61001	71.34	71.34	0 ANNUAL	ROAD1	5	607267.8	4201088.22	0.7135	71.34	71.34	0 ANNUAL	ROAD2	5	607267.8	4201088.22
607287.8	4201088.22	33770.55465	71.14	71.14	0 ANNUAL	AREA2	5	607287.8	4201088.22	28536.69092	71.14	71.14	0 ANNUAL	AREA3	5	607287.8	4201088.22	0.94341	71.14	71.14	0 ANNUAL	ROAD1	5	607287.8	4201088.22	1.15085	71.14	71.14	0 ANNUAL	ROAD2	5	607287.8	4201088.22
607307.8	4201088.22	32478.68813	70.94	70.94	0 ANNUAL	AREA2	5	607307.8	4201088.22	27772.87986	70.94	70.94	0 ANNUAL	AREA3	5	607307.8	4201088.22	1.71503	70.94	70.94	0 ANNUAL	ROAD1	5	607307.8	4201088.22	2.29712	70.94	70.94	0 ANNUAL	ROAD2	5	607307.8	4201088.22
606527.8	4201108.22	600591.2841	77.96	77.96	0 ANNUAL	AREA2	5	606527.8	4201108.22	89259.25848	77.96	77.96	0 ANNUAL	AREA3	5	606527.8	4201108.22	0.01831	77.96	77.96	0 ANNUAL	ROAD1	5	606527.8	4201108.22	0.01878	77.96	77.96	0 ANNUAL	ROAD2	5	606527.8	4201108.22
606547.8	4201108.22	490195.319	77.91	77.91	0 ANNUAL	AREA2	5	606547.8	4201108.22	87771.56601	77.91	77.91	0 ANNUAL	AREA3	5	606547.8	4201108.22	0.01892	77.91	77.91	0 ANNUAL	ROAD1	5	606547.8	4201108.22	0.01942	77.91	77.91	0 ANNUAL	ROAD2	5	606547.8	4201108.22
606567.8	4201108.22	401109.503	77.78	77.78	0 ANNUAL	AREA2	5	606567.8	4201108.22	86246.87438	77.78	77.78	0 ANNUAL	AREA3	5	606567.8	4201108.22	0.01959	77.78	77.78	0 ANNUAL	ROAD1	5	606567.8	4201108.22	0.02012	77.78	77.78	0 ANNUAL	ROAD2	5	606567.8	4201108.22
606587.8	4201108.22	341491.9018	77.7	77.7	0 ANNUAL	AREA2	5	606587.8	4201108.22	84681.84065	77.7	77.7	0 ANNUAL	AREA3	5	606587.8	4201108.22	0.02029	77.7	77.7	0 ANNUAL	ROAD1	5	606587.8	4201108.22	0.02085	77.7	77.7	0 ANNUAL	ROAD2	5	606587.8	4201108.22
606607.8	4201108.22	297562.2013	77.57	77.57	0 ANNUAL	AREA2	5	606607.8	4201108.22	83072.00561	77.57	77.57	0 ANNUAL	AREA3	5	606607.8	4201108.22	0.02105	77.57	77.57	0 ANNUAL	ROAD1	5	606607.8	4201108.22	0.02164	77.57	77.57	0 ANNUAL	ROAD2	5	606607.8	4201108.22
606627.8	4201108.22	263406.1657	77.48	77.48	0 ANNUAL	AREA2	5	606627.8	4201108.22	81358.98373	77.48	77.48	0 ANNUAL	AREA3	5	606627.8	4201108.22	0.02185	77.48	77.48	0 ANNUAL	ROAD1	5	606627.8	4201108.22	0.02248	77.48	77.48	0 ANNUAL	ROAD2	5	606627.8	4201108.22
606647.8	4201108.22	235901.2877	77.49	77.49	0 ANNUAL	AREA2	5	606647.8	4201108.22	79558.58174	77.49	77.49	0 ANNUAL	AREA3	5	606647.8	4201108.22	0.02267	77.49	77.49	0 ANNUAL	ROAD1	5	606647.8	4201108.22	0.02334	77.49	77.49	0 ANNUAL	ROAD2	5	606647.8	4201108.22
606667.8	4201108.22	212912.9897	77.42	77.42	0 ANNUAL	AREA2	5	606667.8	4201108.22	77624.57666	77.42	77.42	0 ANNUAL	AREA3	5	606667.8	4201108.22	0.02358	77.42	77.42	0 ANNUAL	ROAD1	5	606667.8	4201108.22	0.0243	77.42	77.42	0 ANNUAL	ROAD2	5	606667.8	4201108.22
606687.8	4201108.22	193454.7136	77.34	77.34	0 ANNUAL	AREA2	5	606687.8	4201108.22	75571.80884	77.34	77.34	0 ANNUAL	AREA3	5	606687.8	4201108.22	0.02456	77.34	77.34	0 ANNUAL	ROAD1	5	606687.8	4201108.22	0.02532	77.34	77.34	0 ANNUAL	ROAD2	5	606687.8	4201108.22
606707.8	4201108.22	176683.5886	77.17	77.17	0 ANNUAL	AREA2	5	606707.8	4201108.22	73419.25333	77.17	77.17	0 ANNUAL	AREA3	5	606707.8	4201108.22	0.02565	77.17	77.17	0 ANNUAL	ROAD1	5	606707.8	4201108.22	0.02647	77.17	77.17	0 ANNUAL	ROAD2	5	606707.8	4201108.22
606727.8	4201108.22	162185.1711	77.07	77.07	0 ANNUAL	AREA2	5	606727.8	4201108.22	71197.37628	77.07	77.07	0 ANNUAL	AREA3	5	606727.8	4201108.22	0.0268	77.07	77.07	0 ANNUAL	ROAD1	5	606727.8	4201108.22	0.02767	77.07	77.07	0 ANNUAL	ROAD2	5	606727.8	4201108.22
606747.8	4201108.22	149429.7389	76.89	76.89	0 ANNUAL	AREA2	5	606747.8	4201108.22	68928.4481	76.89	76.89	0 ANNUAL	AREA3	5	606747.8	4201108.22	0.02807	76.89	76.89	0 ANNUAL	ROAD1	5	606747.8	4201108.22	0.02901	76.89	76.89	0 ANNUAL	ROAD2	5	606747.8	4201108.22
606767.8	4201108.22	138111.3083	76.6	76.6	0 ANNUAL	AREA2	5	606767.8	4201108.22	66633.59498	76.6	76.6	0 ANNUAL	AREA3	5	606767.8	4201108.22	0.0295	76.6	76.6	0 ANNUAL	ROAD1	5	606767.8	4201108.22	0.03052	76.6	76.6	0 ANNUAL	ROAD2	5	606767.8	4201108.22
606787.8	4201108.22	128097.2486	76.42	76.42	0 ANNUAL	AREA2	5	606787.8	4201108.22	64355.71726	76.42	76.42	0 ANNUAL	AREA3	5	606787.8	4201108.22	0.03101	76.42	76.42	0 ANNUAL	ROAD1	5	606787.8	4201108.22	0.0321	76.42	76.42	0 ANNUAL	ROAD2	5	606787.8	4201108.22
606807.8	4201108.22	119124.3733	76.21	76.21	0 ANNUAL	AREA2	5	606807.8	4201108.22	62107.14064	76.21	76.21	0 ANNUAL	AREA3	5	606807.8	4201108.22	0.03267	76.21	76.21	0 ANNUAL	ROAD1	5	606807.8	4201108.22	0.03385	76.21	76.21	0 ANNUAL	ROAD2	5	606807.8	4201108.22
606827.8	4201108.22	111042.428	75.96	75.96	0 ANNUAL	AREA2	5	606827.8	4201108.22	59904.30813	75.96	75.96	0 ANNUAL	AREA3	5	606827.8	4201108.22	0.03451	75.96	75.96	0 ANNUAL	ROAD1	5	606827.8	4201108.22	0.03578	75.96	75.96	0 ANNUAL	ROAD2	5	606827.8	4201108.22
606847.8	4201108.22	103751.1281	75.74	75.74	0 ANNUAL	AREA2	5	606847.8	4201108.22	57764.0914	75.74	75.74	0 ANNUAL	AREA3	5	606847.8	4201108.22	0.03651	75.74	75.74	0 ANNUAL	ROAD1	5	606847.8	4201108.22	0.0379	75.74	75.74	0 ANNUAL	ROAD2	5	606847.8	4201108.22
606867.8	4201108.22	97151.3491	75.57	75.57	0 ANNUAL	AREA2	5	606867.8	4201108.22	55695.36813	75.57	75.57	0 ANNUAL	AREA3	5	606867.8	4201108.22	0.03874	75.57	75.57	0 ANNUAL	ROAD1	5	606867.8	4201108.22	0.04025	75.57	75.57	0 ANNUAL	ROAD2	5	606867.8	4201108.22
606887.8	4201108.22	91144.78939	75.4	75.4	0 ANNUAL	AREA2	5	606887.8	4201108.22	53700.227	75.4	75.4	0 ANNUAL	AREA3	5	606887.8	4201108.22	0.04175	75.4	75.4	0 ANNUAL	ROAD1	5	606887.8	4201108.22	0.04326	75.4	75.4	0 ANNUAL	ROAD2	5	606887.8	4201108.22
606907.8	4201108.22	85650.38585	75.17	75.17	0 ANNUAL	AREA2	5	606907.8	4201108.22	51778.46354	75.17	75.17	0 ANNUAL	AREA3	5	606907.8	4201108.22	0.04477	75.17	75.17	0 ANNUAL	ROAD1	5	606907.8	4201108.22	0.04653	75.17	75.17	0 ANNUAL	ROAD2	5	606907.8	4201108.22
606927.8	4201108.22	80624.42055	74.95	74.95	0 ANNUAL	AREA2	5	606927.8	4201108.22	49934.62454	74.95	74.95	0 ANNUAL	AREA3	5	606927.8	4201108.22	0.04807	74.95	74.95	0 ANNUAL	ROAD1	5	606927.8	4201108.22	0.05006	74.95	74.95	0 ANNUAL	ROAD2	5	606927.8	4201108.22
606947.8	4201108.22	76020.05581	74.77	74.77	0 ANNUAL	AREA2	5	606947.8	4201108.22	48169.8006	74.77	74.77	0 ANNUAL	AREA3	5	606947.8	4201108.22	0.05156	74.77	74.77	0 ANNUAL	ROAD1	5	606947.8	4201108.22	0.05382	74.77	74.77	0 ANNUAL	ROAD2	5	606947.8	4201108.22
606967.8	4201108.22	71787.49972	74.6	74.6	0 ANNUAL	AREA2	5	606967.8	4201108.22	46481.58207	74.6	74.6	0 ANNUAL	AREA3	5	606967.8	4201108.22	0.05544	74.6	74.6	0 ANNUAL	ROAD1	5	606967.8	4201108.22	0.05796	74.6	74.6	0 ANNUAL	ROAD2	5	606967.8	4201108.22
606987.8	4201108.22	67888.38743	74.44	74.44	0 ANNUAL	AREA2	5	606987.8	4201108.22	44868.84012	74.44	74.44	0 ANNUAL	AREA3	5	606987.8	4201108.22	0.05982	74.44	74.44	0 ANNUAL	ROAD1	5	606987.8	4201108.22	0.06261	74.44	74.44	0 ANNUAL	ROAD2	5	606987.8	4201108.22
607007.8	4201108.22	64283.71478	74.24	74.24	0 ANNUAL	AREA2	5	607007.8	4201108.22	43328.02436	74.24	74.24	0 ANNUAL	AREA3	5	607007.8	4201108.22	0.06482	74.24	74.24	0 ANNUAL	ROAD1	5	607007.8	4201108.22	0.06798	74.24	74.24	0 ANNUAL	ROAD2	5	607007.8	4201108.22
607027.8	4201108.22	60949.97074	74.04	74.04	0 ANNUAL	AREA2	5	607027.8	4201108.22	41858.72137	74.04	74.04	0 ANNUAL	AREA3	5	607027.8	4201108.22	0.07057	74.04	74.04	0 ANNUAL	ROAD1	5	607027.8	4201108.22	0.07417	74.04	74.04	0 ANNUAL	ROAD2	5	607027.8	4201108.22
607047.8	4201108.22	57858.6902	73.81	73.81	0 ANNUAL	AREA2	5	607047.8	4201108.22	40457.47033	73.81	73.81	0 ANNUAL	AREA3	5	607047.8	4201108.22	0.07729	73.81	73.81	0 ANNUAL	ROAD1	5	607047.8	4201108.22	0.08132	73.81	73.81	0 ANNUAL	ROAD2	5	607047.8	4201108.22
607067.8	4201108.22	54986.92709	73.54	73.54	0 ANNUAL	AREA2	5	607067.8	4201108.22	39121.98738	73.54	73.54	0 ANNUAL	AREA3	5	607067.8	4201108.22	0.08518	73.54	73.54	0 ANNUAL	ROAD1	5	607067.8	4201108.22	0.08978	73.54	73.54	0 ANNUAL	ROAD2	5	607067.8	4201108.22
607087.8	4201108.22	52320.91751	73.3	73.3	0 ANNUAL	AREA2	5	607087.8	4201108.22	37851.70956	73.3	73.3	0 ANNUAL	AREA3	5	607087.8	4201108.22	0.09451	73.3	73.3	0 ANNUAL	ROAD1	5	607087.8	4201108.22	0.09981	73.3	73.3	0 ANNUAL	ROAD2	5	607087.8	4201108.22
607107.8	4201108.22	49838.27664	73.04	73.04	0 ANNUAL	AREA2	5	607107.8	4201108.22	36642.3143	73.04	73.04	0 ANNUAL	AREA3	5	607107.8	4201108.22	0.10581	73.04	73.04	0 ANNUAL	ROAD1	5	607107.8	4201108.22	0.11197	73.04	73.04	0 ANNUAL	ROAD2	5	607107.8	4201108.22
607127.8	4201108.22	47526.0012	72.8	72.8	0 ANNUAL	AREA2	5	607127.8	4201108.22	35492.46804	72.8	72.8	0 ANNUAL	AREA3	5	607127.8	4201108.22	0.11959	72.8	72.8	0 ANNUAL	ROAD1	5	607127.8	4201108.22	0.1268	72.8	72.8	0 ANNUAL	ROAD2	5	607127.8	4201108.22
607147.8	4201108.22	45366.70515	72.54	72.54	0 ANNUAL	AREA2	5	607147.8	4201108.22	34397.96316	72.54	72.54	0 ANNUAL	AREA3	5	607147.8	4201108.22	0.13673	72.54	72.54	0 ANNUAL	ROAD1	5	607147.8	4201108.22	0.14534	72.54	72.54	0 ANNUAL	ROAD2	5	607147.8	4201108.22
607167.8	4201108.22	43352.62409	72.34	72.34	0 ANNUAL	AREA2	5	607167.8	4201108.22	33358.09381	72.34	72.34	0 ANNUAL	AREA3	5	607167.8	4201108.22	0.15807	72.34	72.34	0 ANNUAL	ROAD1	5	607167.8	4201108.22	0.16866	72.34	72.34	0 ANNUAL	ROAD2	5	607167.8	4201108.22
607187.8	4201108.22	41467.82616	72.14	72.14	0 ANNUAL	AREA2	5	607187.8	4201108.22	32368.81476	72.14	72.14	0 ANNUAL	AREA3	5	607187.8	4201108.22	0.18544	72.14	72.14	0 ANNUAL	ROAD1	5	607187.8	4201108.22	0.1989	72.14	72.14	0 ANNUAL	ROAD2	5	607187.8	4201108.22
607207.8	4201108.22	39701.83094	71.94	71.94	0 ANNUAL	AREA2	5	607207.8	4201108.22	31426.93462	71.94	71.94	0 ANNUAL	AREA3	5	607207.8	4201108.22	0.2214	71.94	71.94	0 ANNUAL	ROAD1	5	607207.8	4201108.22	0.23923	71.94	71.94	0 ANNUAL	ROAD2	5	607207.8	4201108.22
607227.8	4201108.22	38045.21817	71.74	71.74	0 ANNUAL	AREA2	5	607227.8	4201108.22	30530.00493	71.74	71.74	0 ANNUAL	AREA3	5	607227.8	4201108.22	0.27029	71.74	71.74	0 ANNUAL	ROAD1	5	607227.8	4201108.22	0.29506	71.74	71.74	0 ANNUAL	ROAD2	5	607227.8	4201108.22
607247.8	4201108.22	36489.41547	71.54	71.54	0 ANNUAL	AREA2	5	607247.8	4201108.22	29675.44639	71.54	71.54	0 ANNUAL	AREA3	5	607247.8	4201108.22	0.34025	71.54	71.54	0 ANNUAL	ROAD1	5	607247.8	4201108.22	0.37668	71.54	71.54	0 ANNUAL	ROAD2	5	607247.8	4201108.22
607267.8	4201108.22	35026.77519	71.34	71.34	0 ANNUAL	AREA2	5	607267.8	4201108.22	28860.92475	71.34	71.34	0 ANNUAL	AREA3	5	607267.8	4201108.22	0.44835	71.34	71.34	0 ANNUAL	ROAD1	5	607267.8	4201108.22	0.50629	71.34	71.34	0 ANNUAL	ROAD2	5	607267.8	4201108.22
607287.8	4201108.22	33650.17791	71.14	71.14	0 ANNUAL	AREA2	5	607287.8	4201108.22	28084.09119	71.14	71.14	0 ANNUAL	AREA3	5	607287.8	4201108.22	0.63381	71.14	71.14	0 ANNUAL	ROAD1	5	607287.8	4201108.22	0.73976	71.14	71.14	0 ANNUAL	ROAD2	5	607287.8	4201108.22
607307.8	4201108.22	32353.28618	70.94	70.94	0 ANNUAL	AREA2	5	607307.8	4201108.22	27342.53209	70.94	70.94	0 ANNUAL	AREA3	5	607307.8	4201108.22	0.97654	70.94	70.94	0 ANNUAL	ROAD1	5	607307.8	4201108.22	1.23148	70.94	70.94	0 ANNUAL	ROAD2	5	607307.8	4201108.22
606527.8	4201128.22	622402.6966	78.24	78.24	0 ANNUAL	AREA2	5	606527.8	4201128.22	83759.88554	78.24	78.24	0 ANNUAL	AREA3	5	606527.8	4201128.22	0.01744	78.24	78.24	0 ANNUAL	ROAD1	5	606527.8	4201128.22	0.01784	78.24	78.24	0 ANNUAL	ROAD2	5	606527.8	4201128.22
606547.8	4201128.22	509289.104	78.07	78.07	0 ANNUAL	AREA2	5	606547.8	4201128.22	82374.63131	78.07	78.07	0 ANNUAL	AREA3	5	606547.8	4201128.22	0.01803	78.07	78.07	0 ANNUAL	ROAD1	5	606547.8	4201128.22	0.01846	78.07	78.07	0 ANNUAL	ROAD2	5	606547.8	4201128.22
606567.8	4201128.22	417941.1388	77.94	77.94	0 ANNUAL	AREA2	5	606567.8	4201128.22	80968.40422	77.94	77.94	0 ANNUAL	AREA3	5	606567.8	4201128.22	0.01865	77.94	77.94	0 ANNUAL	ROAD1	5	606567.8	4201128.22	0.01911	77.94	77.94	0 ANNUAL	ROAD2	5	606567.8	4201128.22
606587.8	4201128.22	356124.8286	77.89	77.89	0 ANNUAL	AREA2	5	606587.8	4201128.22	79531.23862	77.89	77.89	0 ANNUAL	AREA3	5	606587.8	4201128.22	0.01929	77.89	77.89	0 ANNUAL	ROAD1	5	606587.8	4201128.22	0.01977	77.89	77.89	0 ANNUAL	ROAD2	5	606587.8	4201128.22
606607.8	4201128.22	310025.3724	77.77	77.77	0 ANNUAL	AREA2	5	606607.8	4201128.22	78058.22131	77.77	77.77	0 ANNUAL	AREA3	5	606607.8	4201128.22	0.02	77.77	77.77	0 ANNUAL	ROAD1	5	606607.8	4201128.22	0.0205	77.77	77.77	0 ANNUAL	ROAD2	5	606607.8	4201128.22
606627.8	4201128.22	273861.2741	77.65	77.65	0 ANNUAL	AREA2	5	606627.8	4201128.22	76501.62533	77.65	77.65	0 ANNUAL	AREA3	5	606627.8	4201128.22	0.02075	77.65	77.65	0 ANNUAL	ROAD1	5	606627.8	4201128.22	0.02128	77.65	77.65	0 ANNUAL	ROAD2	5	606627.8	4201128.22
606647.8	4201128.22	244695.6191	77.65	77.65	0 ANNUAL	AREA2	5	606647.8	4201128.22	74881.88746	77.65	77.65	0 ANNUAL	AREA3	5	606647.8	4201128.22	0.02151	77.65	77.65	0 ANNUAL	ROAD1	5	606647.8	4201128.22	0.02208	77.65	77.65	0 ANNUAL	ROAD2	5	606647.8	4201128.22
606667.8	4201128.22	220246.6531	77.53	77.53	0 ANNUAL	AREA2	5	606667.8	4201128.22	73152.85189	77.53	77.53	0 ANNUAL	AREA3	5	606667.8	4201128.22	0.02237	77.53	77.53	0 ANNUAL	ROAD1	5	606667.8	4201128.22	0.02297	77.53	77.53	0 ANNUAL	ROAD2	5	606667.8	4201128.22
606687.8	4201128.22	199508.3459	77.34	77.34	0 ANNUAL	AREA2	5	606687.8	4201128.22	71325.83296	77.34	77.34	0 ANNUAL	AREA3	5	606687.8	4201128.22	0.02331	77.34	77.34	0 ANNUAL	ROAD1	5	606687.8	4201128.22	0.02396	77.34	77.34	0 ANNUAL	ROAD2	5	606687.8	4201128.22
606707.8	4201128.22	181754.201	77.15	77.15	0 ANNUAL	AREA2	5	606707.8	4201128.22	69415.3701	77.15	77.15	0 ANNUAL	AREA3	5	606707.8	4201128.22	0.02433	77.15	77.15	0 ANNUAL	ROAD1	5	606707.8	4201128.22	0.02501	77.15	77.15	0 ANNUAL	ROAD2	5	606707.8	4201128.22
606727.8	4201128.22	166420.9544	77.02	77.02	0 ANNUAL	AREA2	5	606727.8	4201128.22	67445.6692	77.02	77.02	0 ANNUAL	AREA3	5	606727.8	4201128.22	0.0254	77.02	77.02	0 ANNUAL	ROAD1	5	606727.8	4201128.22	0.02613	77.02	77.02	0 ANNUAL	ROAD2	5	606727.8	4201128.22
606747.8	4201128.22	152957.7494	76.81	76.81	0 ANNUAL	AREA2	5	606747.8	4201128.22	65432.40442	76.81	76.81	0 ANNUAL	AREA3	5	606747.8	4201128.22	0.02659	76.81	76.81	0 ANNUAL	ROAD1	5	606747.8	4201128.22	0.02737	76.81	76.81	0 ANNUAL	ROAD2	5	606747.8	4201128.22
606767.8	4201128.22	141063.4646	76.54	76.54	0 ANNUAL	AREA2	5	606767.8	4201128.22	63391.98978	76.54	76.54	0 ANNUAL	AREA3	5	606767.8	4201128.22	0.0279	76.54	76.54	0 ANNUAL	ROAD1	5	606767.8	4201128.22	0.02874	76.54	76.54	0 ANNUAL	ROAD2	5	606767.8	4201128.22
606787.8	4201128.22	130560.5513	76.38	76.38	0 ANNUAL	AREA2	5	606787.8	4201128.22	61359.74864	76.38	76.38	0 ANNUAL	AREA3	5	606787.8	4201128.22	0.02927	76.38	76.38	0 ANNUAL	ROAD1	5	606787.8	4201128.22	0.03017	76.38	76.38	0 ANNUAL	ROAD2	5	606787.8	4201128.22
606807.8	4201128.22	121188.8291	76.24	76.24	0 ANNUAL	AREA2	5	606807.8	4201128.22	59347.87401	76.24	76.24	0 ANNUAL	AREA3	5	606807.8	4201128.22	0.03076	76.24	76.24	0 ANNUAL	ROAD1	5	606807.8	4201128.22	0.03173	76.24	76.24	0 ANNUAL	ROAD2	5	606807.8	4201128.22
606827.8	4201128.22	112759.1573	76.04	76.04	0 ANNUAL	AREA2	5	606827.8	4201128.22	57367.46189	76.04	76.04	0 ANNUAL	AREA3	5	606827.8	4201128.22	0.03242	76.04	76.04	0 ANNUAL	ROAD1	5	606827.8	4201128.22	0.03346	76.04	76.04	0 ANNUAL	ROAD2	5	606827.8	4201128.22
606847.8	4201128.22	105141.9003	75.76	75.76	0 ANNUAL	AREA2	5	606847.8	4201128.22	55429.34371	75.76	75.76	0 ANNUAL	AREA3	5	606847.8	4201128.22	0.03429	75.76	75.76	0 ANNUAL	ROAD1	5	606847.8	4201128.22	0.03541	75.76	75.76	0 ANNUAL	ROAD2	5	606847.8	4201128.22
606867.8	4201128.22	98282.3591	75.59	75.59	0 ANNUAL	AREA2	5	606867.8	4201128.22	53552.38629	75.59	75.59	0 ANNUAL	AREA3	5	606867.8	4201128.22	0.03627	75.59	75.59	0 ANNUAL	ROAD1	5	606867.8	4201128.22	0.03754	75.59	75.59	0 ANNUAL	ROAD2	5	606867.8	4201128.22
606887.8	4201128.22	92047.56285	75.38	75.38	0 ANNUAL	AREA2	5	606887.8	4201128.22	51733.301	75.38	75.38	0 ANNUAL	AREA3	5	606887.8	4201128.22	0.03913	75.38	75.38	0 ANNUAL	ROAD1	5	606887.8	4201128.22	0.04034	75.38	75.38	0 ANNUAL	ROAD2	5	606887.8	4201128.22
606907.8	4201128.22	86385.36981	75.24	75.24	0 ANNUAL	AREA2	5	606907.8	4201128.22	49980.69694	75.24	75.24	0 ANNUAL	AREA3	5	606907.8	4201128.22	0.04175	75.24	75.24	0 ANNUAL	ROAD1	5	606907.8	4201128.22	0.04314	75.24	75.24	0 ANNUAL	ROAD2	5	606907.8	4201128.22
606927.8	4201128.22	81205.25737	75.04	75.04	0 ANNUAL	AREA2	5	606927.8	4201128.22	48289.37942	75.04	75.04	0 ANNUAL	AREA3	5	606927.8	4201128.22	0.04471	75.04	75.04	0 ANNUAL	ROAD1	5	606927.8	4201128.22	0.04627	75.04	75.04	0 ANNUAL	ROAD2	5	606927.8	4201128.22
606947.8	4201128.22	76464.83698	74.84	74.84	0 ANNUAL	AREA2	5	606947.8	4201128.22	46662.95059	74.84	74.84	0 ANNUAL	AREA3	5	606947.8	4201128.22	0.04794	74.84	74.84	0 ANNUAL	ROAD1	5	606947.8	4201128.22	0.04975	74.84	74.84	0 ANNUAL	ROAD2	5	606947.8	4201128.22
606967.8	4201128.22	72116.59084	74.64	74.64	0 ANNUAL	AREA2	5	606967.8	4201128.22	45101.00746	74.64	74.64	0 ANNUAL	AREA3	5	606967.8	4201128.22	0.05147	74.64	74.64	0 ANNUAL	ROAD1	5	606967.8	4201128.22	0.05343	74.64	74.64	0 ANNUAL	ROAD2	5	606967.8	4201128.22
606987.8	4201128.22	68118.15034	74.43	74.43	0 ANNUAL	AREA2	5	606987.8	4201128.22	43602.23995	74.43	74.43	0 ANNUAL	AREA3	5	606987.8	4201128.22	0.05542	74.43	74.43	0 ANNUAL	ROAD1	5	606987.8	4201128.22	0.05757	74.43	74.43	0 ANNUAL	ROAD2	5	606987.8	4201128.22
607007.8	4201128.22	64436.23041	74.23	74.23	0 ANNUAL	AREA2	5	607007.8	4201128.22	42166.39193	74.23	74.23	0 ANNUAL	AREA3	5	607007.8	4201128.22	0.05987	74.23	74.23	0 ANNUAL	ROAD1	5	607007.8	4201128.22	0.06229	74.23	74.23	0 ANNUAL	ROAD2	5	607007.8	4201128.22
607027.8	4201128.22	61039.33569	74.04	74.04	0 ANNUAL	AREA2	5	607027.8	4201128.22	40791.92875	74.04	74.04	0 ANNUAL	AREA3	5	607027.8	4201128.22	0.06497	74.04	74.04	0 ANNUAL	ROAD1	5	607027.8	4201128.22	0.06767	74.04	74.04	0 ANNUAL	ROAD2	5	607027.8	4201128.22
607047.8	4201128.22	57892.81803	73.79	73.79	0 ANNUAL	AREA2	5	607047.8	4201128.22	39475.30087	73.79	73.79	0 ANNUAL	AREA3	5	607047.8	4201128.22	0.07093	73.79	73.79	0 ANNUAL	ROAD1	5	607047.8	4201128.22	0.0739	73.79	73.79	0 ANNUAL	ROAD2	5	607047.8	4201128.22
607067.8	4201128.22	54978.85813	73.54	73.54	0 ANNUAL	AREA2	5	607067.8	4201128.22	38216.72821	73.54	73.54	0 ANNUAL	AREA3	5	607067.8	4201128.22	0.07787	73.54	73.54	0 ANNUAL	ROAD1	5	607067.8	4201128.22	0.08118	73.54	73.54	0 ANNUAL	ROAD2	5	607067.8	4201128.22
607087.8	4201128.22	52271.6115	73.24	73.24	0 ANNUAL	AREA2	5	607087.8	4201128.22	37013.12917	73.24	73.24	0 ANNUAL	AREA3	5	607087.8	4201128.22	0.08614	73.24	73.24	0 ANNUAL	ROAD1	5	607087.8	4201128.22	0.08986	73.24	73.24	0 ANNUAL	ROAD2	5	607087.8	4201128.22
607107.8	4201128.22	49764.15029	73.04	73.04	0 ANNUAL	AREA2	5	607107.8	4201128.22	35866.64147	73.04	73.04	0 ANNUAL	AREA3	5	607107.8	4201128.22	0.09588	73.04	73.04	0 ANNUAL	ROAD1	5	607107.8	4201128.22	0.10011	73.04	73.04	0 ANNUAL	ROAD2	5	607107.8	4201128.22
607127.8	4201128.22	47427.0383	72.79	72.79	0 ANNUAL	AREA2	5	607127.8	4201128.22	34771.08371	72.79	72.79	0 ANNUAL	AREA3	5	607127.8	4201128.22	0.10777	72.79	72.79	0 ANNUAL	ROAD1	5	607127.8	4201128.22	0.11259	72.79	72.79	0 ANNUAL	ROAD2	5	607127.8	4201128.22
607147.8	4201128.22	45249.1216	72.54	72.54	0 ANNUAL	AREA2	5	607147.8	4201128.22	33725.72562	72.54	72.54	0 ANNUAL	AREA3	5	607147.8	4201128.22	0.12229	72.54	72.54	0 ANNUAL	ROAD1	5	607147.8	4201128.22	0.12793	72.54	72.54	0 ANNUAL	ROAD2	5	607147.8	4201128.22
607167.8	4201128.22	43219.66956	72.34	72.34	0 ANNUAL	AREA2	5	607167.8	4201128.22	32729.81876	72.34	72.34	0 ANNUAL	AREA3	5	607167.8	4201128.22	0.14003	72.34	72.34	0 ANNUAL	ROAD1	5	607167.8	4201128.22	0.14686	72.34	72.34	0 ANNUAL	ROAD2	5	607167.8	4201128.22
607187.8	4201128.22	41322.98801	72.14	72.14	0 ANNUAL	AREA2	5	607187.8	4201128.22	31779.70515	72.14	72.14	0 ANNUAL	AREA3	5	607187.8	4201128.22	0.16221	72.14	72.14	0 ANNUAL	ROAD1	5	607187.8	4201128.22	0.17079	72.14	72.14	0 ANNUAL	ROAD2	5	607187.8	4201128.22
607207.8	4201128.22	39547.97764	71.94	71.94	0 ANNUAL	AREA2	5	607207.8	4201128.22	30873.09771	71.94	71.94	0 ANNUAL	AREA3	5	607207.8	4201128.22	0.19045	71.94	71.94	0 ANNUAL	ROAD1	5	607207.8	4201128.22	0.20172	71.94	71.94	0 ANNUAL	ROAD2	5	607207.8	4201128.22
607227.8	4201128.22	37884.71453	71.74	71.74	0 ANNUAL	AREA2	5	607227.8	4201128.22	30008.10449	71.74	71.74	0 ANNUAL	AREA3	5	607227.8	4201128.22	0.22744	71.74	71.74	0 ANNUAL	ROAD1	5	607227.8	4201128.22	0.24295	71.74	71.74	0 ANNUAL	ROAD2	5	607227.8	4201128.22
607247.8	4201128.22	36324.23608	71.54	71.54	0 ANNUAL	AREA2	5	607247.8	4201128.22	29182.60335	71.54	71.54	0 ANNUAL	AREA3	5	607247.8	4201128.22	0.278	71.54	71.54	0 ANNUAL	ROAD1	5	607247.8	4201128.22	0.30054	71.54	71.54	0 ANNUAL	ROAD2	5	607247.8	4201128.22
607267.8	4201128.22	34858.55876	71.34	71.34	0 ANNUAL	AREA2	5	607267.8	4201128.22	28394.43073	71.34	71.34	0 ANNUAL	AREA3	5	607267.8	4201128.22	0.35113	71.34	71.34	0 ANNUAL	ROAD1	5	607267.8	4201128.22	0.38671	71.34	71.34	0 ANNUAL	ROAD2	5	607267.8	4201128.22
607287.8	4201128.22	33480.28348	71.14	71.14	0 ANNUAL	AREA2	5	607287.8	4201128.22	27641.45372	71.14	71.14	0 ANNUAL	AREA3	5	607287.8	4201128.22	0.46313	71.14	71.14	0 ANNUAL	ROAD1	5	607287.8	4201128.22	0.52774	71.14	71.14	0 ANNUAL	ROAD2	5	607287.8	4201128.22
607307.8	4201128.22	32182.45102	70.93	70.93	0 ANNUAL	AREA2	5	607307.8	4201128.22	26921.59283	70.93	70.93	0 ANNUAL	AREA3	5	607307.8	4201128.22	0.63308	70.93	70.93	0 ANNUAL	ROAD1	5	607307.8	4201128.22	0.7709	70.93	70.93	0 ANNUAL	ROAD2	5	607307.8	4201128.22
606527.8	4201148.22	638144.5356	78.37	78.37	0 ANNUAL	AREA2	5	606527.8	4201148.22	78848.91934	78.37	78.37	0 ANNUAL	AREA3	5	606527.8	4201148.22	0.01669	78.37	78.37	0 ANNUAL	ROAD1	5	606527.8	4201148.22	0.01704	78.37	78.37	0 ANNUAL	ROAD2	5	606527.8	4201148.22
606547.8	4201148.22	523768.317	78.21	78.21	0 ANNUAL	AREA2	5	606547.8	4201148.22	77559.49903	78.21	78.21	0 ANNUAL	AREA3	5	606547.8	4201148.22	0.01724	78.21	78.21	0 ANNUAL	ROAD1	5	606547.8	4201148.22	0.01761	78.21	78.21	0 ANNUAL	ROAD2	5	606547.8	4201148.22
606567.8	4201148.22	431075.1552	78.11	78.11	0 ANNUAL	AREA2	5	606567.8	4201148.22	76269.61526	78.11	78.11	0 ANNUAL	AREA3	5	606567.8	4201148.22	0.01782	78.11	78.11	0 ANNUAL	ROAD1	5	606567.8	4201148.22	0.01821	78.11	78.11	0 ANNUAL	ROAD2	5	606567.8	4201148.22
606587.8	4201148.22	367452.0899	77.99	77.99	0 ANNUAL	AREA2	5	606587.8	4201148.22	74937.28892	77.99	77.99	0 ANNUAL	AREA3	5	606587.8	4201148.22	0.01844	77.99	77.99	0 ANNUAL	ROAD1	5	606587.8	4201148.22	0.01885	77.99	77.99	0 ANNUAL	ROAD2	5	606587.8	4201148.22
606607.8	4201148.22	319840.7368	77.87	77.87	0 ANNUAL	AREA2	5	606607.8	4201148.22	73583.26952	77.87	77.87	0 ANNUAL	AREA3	5	606607.8	4201148.22	0.01909	77.87	77.87	0 ANNUAL	ROAD1	5	606607.8	4201148.22	0.01953	77.87	77.87	0 ANNUAL	ROAD2	5	606607.8	4201148.22
606627.8	4201148.22	282539.9592	77.87	77.87	0 ANNUAL	AREA2	5	606627.8	4201148.22	72172.80716	77.87	77.87	0 ANNUAL	AREA3	5	606627.8	4201148.22	0.01976	77.87	77.87	0 ANNUAL	ROAD1	5	606627.8	4201148.22	0.02022	77.87	77.87	0 ANNUAL	ROAD2	5	606627.8	4201148.22
606647.8	4201148.22	251757.9139	77.7	77.7	0 ANNUAL	AREA2	5	606647.8	4201148.22	70694.72975	77.7	77.7	0 ANNUAL	AREA3	5	606647.8	4201148.22	0.02053	77.7	77.7	0 ANNUAL	ROAD1	5	606647.8	4201148.22	0.02101	77.7	77.7	0 ANNUAL	ROAD2	5	606647.8	4201148.22
606667.8	4201148.22	226152.2463	77.54	77.54	0 ANNUAL	AREA2	5	606667.8	4201148.22	69138.70221	77.54	77.54	0 ANNUAL	AREA3	5	606667.8	4201148.22	0.02134	77.54	77.54	0 ANNUAL	ROAD1	5	606667.8	4201148.22	0.02185	77.54	77.54	0 ANNUAL	ROAD2	5	606667.8	4201148.22
606687.8	4201148.22	204448.5187	77.34	77.34	0 ANNUAL	AREA2	5	606687.8	4201148.22	67504.98804	77.34	77.34	0 ANNUAL	AREA3	5	606687.8	4201148.22	0.02222	77.34	77.34	0 ANNUAL	ROAD1	5	606687.8	4201148.22	0.02277	77.34	77.34	0 ANNUAL	ROAD2	5	606687.8	4201148.22
606707.8	4201148.22	185861.7439	77.14	77.14	0 ANNUAL	AREA2	5	606707.8	4201148.22	65800.46553	77.14	77.14	0 ANNUAL	AREA3	5	606707.8	4201148.22	0.02317	77.14	77.14	0 ANNUAL	ROAD1	5	606707.8	4201148.22	0.02375	77.14	77.14	0 ANNUAL	ROAD2	5	606707.8	4201148.22
606727.8	4201148.22	169729.445	76.88	76.88	0 ANNUAL	AREA2	5	606727.8	4201148.22	64039.72828	76.88	76.88	0 ANNUAL	AREA3	5	606727.8	4201148.22	0.02422	76.88	76.88	0 ANNUAL	ROAD1	5	606727.8	4201148.22	0.02483	76.88	76.88	0 ANNUAL	ROAD2	5	606727.8	4201148.22
606747.8	4201148.22	155702.8273	76.71	76.71	0 ANNUAL	AREA2	5	606747.8	4201148.22	62242.73061	76.71	76.71	0 ANNUAL	AREA3	5	606747.8	4201148.22	0.02531	76.71	76.71	0 ANNUAL	ROAD1	5	606747.8	4201148.22	0.02597	76.71	76.71	0 ANNUAL	ROAD2	5	606747.8	4201148.22
606767.8	4201148.22	143395.0103	76.62	76.62	0 ANNUAL	AREA2	5	606767.8	4201148.22	60429.1919	76.62	76.62	0 ANNUAL	AREA3	5	606767.8	4201148.22	0.02646	76.62	76.62	0 ANNUAL	ROAD1	5	606767.8	4201148.22	0.02716	76.62	76.62	0 ANNUAL	ROAD2	5	606767.8	4201148.22
606787.8	4201148.22	132426.7721	76.4	76.4	0 ANNUAL	AREA2	5	606787.8	4201148.22	58601.37682	76.4	76.4	0 ANNUAL	AREA3	5	606787.8	4201148.22	0.02776	76.4	76.4	0 ANNUAL	ROAD1	5	606787.8	4201148.22	0.02851	76.4	76.4	0 ANNUAL	ROAD2	5	606787.8	4201148.22
606807.8	4201148.22	122681.1961	76.24	76.24	0 ANNUAL	AREA2	5	606807.8	4201148.22	56787.75662	76.24	76.24	0 ANNUAL	AREA3	5	606807.8	4201148.22	0.02915	76.24	76.24	0 ANNUAL	ROAD1	5	606807.8	4201148.22	0.02995	76.24	76.24	0 ANNUAL	ROAD2	5	606807.8	4201148.22
606827.8	4201148.22	113944.0158	76.04	76.04	0 ANNUAL	AREA2	5	606827.8	4201148.22	54996.68626	76.04	76.04	0 ANNUAL	AREA3	5	606827.8	4201148.22	0.03069	76.04	76.04	0 ANNUAL	ROAD1	5	606827.8	4201148.22	0.03154	76.04	76.04	0 ANNUAL	ROAD2	5	606827.8	4201148.22
606847.8	4201148.22	106091.3029	75.84	75.84	0 ANNUAL	AREA2	5	606847.8	4201148.22	53241.62303	75.84	75.84	0 ANNUAL	AREA3	5	606847.8	4201148.22	0.03238	75.84	75.84	0 ANNUAL	ROAD1	5	606847.8	4201148.22	0.03329	75.84	75.84	0 ANNUAL	ROAD2	5	606847.8	4201148.22
606867.8	4201148.22	98994.85964	75.59	75.59	0 ANNUAL	AREA2	5	606867.8	4201148.22	51527.99919	75.59	75.59	0 ANNUAL	AREA3	5	606867.8	4201148.22	0.03427	75.59	75.59	0 ANNUAL	ROAD1	5	606867.8	4201148.22	0.03529	75.59	75.59	0 ANNUAL	ROAD2	5	606867.8	4201148.22
606887.8	4201148.22	92593.9057	75.44	75.44	0 ANNUAL	AREA2	5	606887.8	4201148.22	49868.7276	75.44	75.44	0 ANNUAL	AREA3	5	606887.8	4201148.22	0.03678	75.44	75.44	0 ANNUAL	ROAD1	5	606887.8	4201148.22	0.03744	75.44	75.44	0 ANNUAL	ROAD2	5	606887.8	4201148.22
606907.8	4201148.22	86770.37268	75.24	75.24	0 ANNUAL	AREA2	5	606907.8	4201148.22	48259.43017	75.24	75.24	0 ANNUAL	AREA3	5	606907.8	4201148.22	0.03935	75.24	75.24	0 ANNUAL	ROAD1	5	606907.8	4201148.22	0.04043	75.24	75.24	0 ANNUAL	ROAD2	5	606907.8	4201148.22
606927.8	4201148.22	81467.47543	75.04	75.04	0 ANNUAL	AREA2	5	606927.8	4201148.22	46704.38218	75.04	75.04	0 ANNUAL	AREA3	5	606927.8	4201148.22	0.04206	75.04	75.04	0 ANNUAL	ROAD1	5	606927.8	4201148.22	0.04329	75.04	75.04	0 ANNUAL	ROAD2	5	606927.8	4201148.22
606947.8	4201148.22	76622.84071	74.82	74.82	0 ANNUAL	AREA2	5	606947.8	4201148.22	45203.45796	74.82	74.82	0 ANNUAL	AREA3	5	606947.8	4201148.22	0.04503	74.82	74.82	0 ANNUAL	ROAD1	5	606947.8	4201148.22	0.04645	74.82	74.82	0 ANNUAL	ROAD2	5	606947.8	4201148.22
606967.8	4201148.22	72186.24616	74.58	74.58	0 ANNUAL	AREA2	5	606967.8	4201148.22	43756.58013	74.58	74.58	0 ANNUAL	AREA3	5	606967.8	4201148.22	0.04829	74.58	74.58	0 ANNUAL	ROAD1	5	606967.8	4201148.22	0.0498	74.58	74.58	0 ANNUAL	ROAD2	5	606967.8	4201148.22
606987.8	4201148.22	68116.93468	74.34	74.34	0 ANNUAL	AREA2	5	606987.8	4201148.22	42364.20895	74.34	74.34	0 ANNUAL	AREA3	5	606987.8	4201148.22	0.05189	74.34	74.34	0 ANNUAL	ROAD1	5	606987.8	4201148.22	0.05357	74.34	74.34	0 ANNUAL	ROAD2	5	606987.8	4201148.22
607007.8	4201148.22	64380.95592	74.14	74.14	0 ANNUAL	AREA2	5	607007.8	4201148.22	41026.78595	74.14	74.14	0 ANNUAL	AREA3	5	607007.8	4201148.22	0.05596	74.14	74.14	0 ANNUAL	ROAD1	5	607007.8	4201148.22	0.05778	74.14	74.14	0 ANNUAL	ROAD2	5	607007.8	4201148.22
607027.8	4201148.22	60942.43856	73.97	73.97	0 ANNUAL	AREA2	5	607027.8	4201148.22	39742.85348	73.97	73.97	0 ANNUAL	AREA3	5	607027.8	4201148.22	0.06056	73.97	73.97	0 ANNUAL	ROAD1	5	607027.8	4201148.22	0.06256	73.97	73.97	0 ANNUAL	ROAD2	5	607027.8	4201148.22
607047.8	4201148.22	57762.85996	73.74	73.74	0 ANNUAL	AREA2	5	607047.8	4201148.22	38508.41473	73.74	73.74	0 ANNUAL	AREA3	5	607047.8	4201148.22	0.06595	73.74	73.74	0 ANNUAL	ROAD1	5	607047.8	4201148.22	0.06809	73.74	73.74	0 ANNUAL	ROAD2	5	607047.8	4201148.22
607067.8	4201148.22	54823.78762	73.52	73.52	0 ANNUAL	AREA2	5	607067.8	4201148.22	37324.56701	73.52	73.52	0 ANNUAL	AREA3	5	607067.8	4201148.22	0.07219	73.52	73.52	0 ANNUAL	ROAD1	5	607067.8	4201148.22	0.07452	73.52	73.52	0 ANNUAL	ROAD2	5	607067.8	4201148.22
607087.8	4201148.22	52096.69499	73.24	73.24	0 ANNUAL	AREA2	5	607087.8	4201148.22	36188.12382	73.24	73.24	0 ANNUAL	AREA3	5	607087.8	4201148.22	0.07961	73.24	73.24	0 ANNUAL	ROAD1	5	607087.8	4201148.22	0.08217	73.24	73.24	0 ANNUAL	ROAD2	5	607087.8	4201148.22
607107.8	4201148.22	49569.66989	73	73	0 ANNUAL	AREA2	5	607107.8	4201148.22	35100.63137	73	73	0 ANNUAL	AREA3	5	607107.8	4201148.22	0.08838	73	73	0 ANNUAL	ROAD1	5	607107.8	4201148.22	0.09123	73	73	0 ANNUAL	ROAD2	5	607107.8	4201148.22
607127.8	4201148.22	47219.75589	72.74	72.74	0 ANNUAL	AREA2	5	607127.8	4201148.22	34058.79077	72.74	72.74	0 ANNUAL	AREA3	5	607127.8	4201148.22	0.0989	72.74	72.74	0 ANNUAL	ROAD1	5	607127.8	4201148.22	0.10211	72.74	72.74	0 ANNUAL	ROAD2	5	607127.8	4201148.22
607147.8	4201148.22	45036.44556	72.54	72.54	0 ANNUAL	AREA2	5	607147.8	4201148.22	33063.4357	72.54	72.54	0 ANNUAL	AREA3	5	607147.8	4201148.22	0.1114	72.54	72.54	0 ANNUAL	ROAD1	5	607147.8	4201148.22	0.11515	72.54	72.54	0 ANNUAL	ROAD2	5	607147.8	4201148.22
607167.8	4201148.22	43000.98755	72.34	72.34	0 ANNUAL	AREA2	5	607167.8	4201148.22	32111.12649	72.34	72.34	0 ANNUAL	AREA3	5	607167.8	4201148.22	0.12648	72.34	72.34	0 ANNUAL	ROAD1	5	607167.8	4201148.22	0.13107	72.34	72.34	0 ANNUAL	ROAD2	5	607167.8	4201148.22
607187.8	4201148.22	41100.69174	72.14	72.14	0 ANNUAL	AREA2	5	607187.8	4201148.22	31200.21907	72.14	72.14	0 ANNUAL	AREA3	5	607187.8	4201148.22	0.14487	72.14	72.14	0 ANNUAL	ROAD1	5	607187.8	4201148.22	0.15074	72.14	72.14	0 ANNUAL	ROAD2	5	607187.8	4201148.22
607207.8	4201148.22	39324.0991	71.94	71.94	0 ANNUAL	AREA2	5	607207.8	4201148.22	30329.05505	71.94	71.94	0 ANNUAL	AREA3	5	607207.8	4201148.22	0.16759	71.94	71.94	0 ANNUAL	ROAD1	5	607207.8	4201148.22	0.17548	71.94	71.94	0 ANNUAL	ROAD2	5	607207.8	4201148.22
607227.8	4201148.22	37660.9642	71.74	71.74	0 ANNUAL	AREA2	5	607227.8	4201148.22	29495.90812	71.74	71.74	0 ANNUAL	AREA3	5	607227.8	4201148.22	0.19633	71.74	71.74	0 ANNUAL	ROAD1	5	607227.8	4201148.22	0.20743	71.74	71.74	0 ANNUAL	ROAD2	5	607227.8	4201148.22
607247.8	4201148.22	36101.9924	71.54	71.54	0 ANNUAL	AREA2	5	607247.8	4201148.22	28699.23394	71.54	71.54	0 ANNUAL	AREA3	5	607247.8	4201148.22	0.23389	71.54	71.54	0 ANNUAL	ROAD1	5	607247.8	4201148.22	0.25038	71.54	71.54	0 ANNUAL	ROAD2	5	607247.8	4201148.22
607267.8	4201148.22	34638.80045	71.34	71.34	0 ANNUAL	AREA2	5	607267.8	4201148.22	27937.03265	71.34	71.34	0 ANNUAL	AREA3	5	607267.8	4201148.22	0.28468	71.34	71.34	0 ANNUAL	ROAD1	5	607267.8	4201148.22	0.31105	71.34	71.34	0 ANNUAL	ROAD2	5	607267.8	4201148.22
607287.8	4201148.22	33263.88416	71.14	71.14	0 ANNUAL	AREA2	5	607287.8	4201148.22	27207.83009	71.14	71.14	0 ANNUAL	AREA3	5	607287.8	4201148.22	0.3548	71.14	71.14	0 ANNUAL	ROAD1	5	607287.8	4201148.22	0.40019	71.14	71.14	0 ANNUAL	ROAD2	5	607287.8	4201148.22
607307.8	4201148.22	31966.56044	70.84	70.84	0 ANNUAL	AREA2	5	607307.8	4201148.22	26507.94422	70.84	70.84	0 ANNUAL	AREA3	5	607307.8	4201148.22	0.45058	70.84	70.84	0 ANNUAL	ROAD1	5	607307.8	4201148.22	0.53166	70.84	70.84	0 ANNUAL	ROAD2	5	607307.8	4201148.22
606527.8	4201168.22	650159.4594	78.5	78.5	0 ANNUAL	AREA2	5	606527.8	4201168.22	74450.43151	78.5	78.5	0 ANNUAL	AREA3	5	606527.8	4201168.22	0.01602	78.5	78.5	0 ANNUAL	ROAD1	5	606527.8	4201168.22	0.01632	78.5	78.5	0 ANNUAL	ROAD2	5	606527.8	4201168.22
606547.8	4201168.22	534658.7462	78.37	78.37	0 ANNUAL	AREA2	5	606547.8	4201168.22	73257.10793	78.37	78.37	0 ANNUAL	AREA3	5	606547.8	4201168.22	0.01653	78.37	78.37	0 ANNUAL	ROAD1	5	606547.8	4201168.22	0.01686	78.37	78.37	0 ANNUAL	ROAD2	5	606547.8	4201168.22
606567.8	4201168.22	440990.6956	78.27	78.27	0 ANNUAL	AREA2	5	606567.8	4201168.22	72058.55315	78.27	78.27	0 ANNUAL	AREA3	5	606567.8	4201168.22	0.01708	78.27	78.27	0 ANNUAL	ROAD1	5	606567.8	4201168.22	0.01742	78.27	78.27	0 ANNUAL	ROAD2	5	606567.8	4201168.22
606587.8	4201168.22	376298.8013	78.14	78.14	0 ANNUAL	AREA2	5	606587.8	4201168.22	70824.64568	78.14	78.14	0 ANNUAL	AREA3	5	606587.8	4201168.22	0.01766	78.14	78.14	0 ANNUAL	ROAD1	5	606587.8	4201168.22	0.01802	78.14	78.14	0 ANNUAL	ROAD2	5	606587.8	4201168.22
606607.8	4201168.22	327663.1473	78.03	78.03	0 ANNUAL	AREA2	5	606607.8	4201168.22	69575.7711	78.03	78.03	0 ANNUAL	AREA3	5	606607.8	4201168.22	0.01828	78.03	78.03	0 ANNUAL	ROAD1	5	606607.8	4201168.22	0.01865	78.03	78.03	0 ANNUAL	ROAD2	5	606607.8	4201168.22
606627.8	4201168.22	289202.4892	77.98	77.98	0 ANNUAL	AREA2	5	606627.8	4201168.22	68279.1385	77.98	77.98	0 ANNUAL	AREA3	5	606627.8	4201168.22	0.01892	77.98	77.98	0 ANNUAL	ROAD1	5	606627.8	4201168.22	0.01932	77.98	77.98	0 ANNUAL	ROAD2	5	606627.8	4201168.22
606647.8	4201168.22	257383.1005	77.78	77.78	0 ANNUAL	AREA2	5	606647.8	4201168.22	66931.75318	77.78	77.78	0 ANNUAL	AREA3	5	606647.8	4201168.22	0.01965	77.78	77.78	0 ANNUAL	ROAD1	5	606647.8	4201168.22	0.02006	77.78	77.78	0 ANNUAL	ROAD2	5	606647.8	4201168.22
606667.8	4201168.22	230810.7054	77.57	77.57	0 ANNUAL	AREA2	5	606667.8	4201168.22	65521.26691	77.57	77.57	0 ANNUAL	AREA3	5	606667.8	4201168.22	0.02043	77.57	77.57	0 ANNUAL	ROAD1	5	606667.8	4201168.22	0.02087	77.57	77.57	0 ANNUAL	ROAD2	5	606667.8	4201168.22
606687.8	4201168.22	208357.6623	77.41	77.41	0 ANNUAL	AREA2	5	606687.8	4201168.22	64053.32769	77.41	77.41	0 ANNUAL	AREA3	5	606687.8	4201168.22	0.02125	77.41	77.41	0 ANNUAL	ROAD1	5	606687.8	4201168.22	0.02171	77.41	77.41	0 ANNUAL	ROAD2	5	606687.8	4201168.22
606707.8	4201168.22	188961.8345	77.1	77.1	0 ANNUAL	AREA2	5	606707.8	4201168.22	62516.37646	77.1	77.1	0 ANNUAL	AREA3	5	606707.8	4201168.22	0.02217	77.1	77.1	0 ANNUAL	ROAD1	5	606707.8	4201168.22	0.02266	77.1	77.1	0 ANNUAL	ROAD2	5	606707.8	4201168.22
606727.8	4201168.22	172180.7895	76.77	76.77	0 ANNUAL	AREA2	5	606727.8	4201168.22	60933.55971	76.77	76.77	0 ANNUAL	AREA3	5	606727.8	4201168.22	0.02318	76.77	76.77	0 ANNUAL	ROAD1	5	606727.8	4201168.22	0.0237	76.77	76.77	0 ANNUAL	ROAD2	5	606727.8	4201168.22
606747.8	4201168.22	157654.5635	76.6	76.6	0 ANNUAL	AREA2	5	606747.8	4201168.22	59320.84526	76.6	76.6	0 ANNUAL	AREA3	5	606747.8	4201168.22	0.02421	76.6	76.6	0 ANNUAL	ROAD1	5	606747.8	4201168.22	0.02476	76.6	76.6	0 ANNUAL	ROAD2	5	606747.8	4201168.22
606767.8	4201168.22	144893.6618	76.45	76.45	0 ANNUAL	AREA2	5	606767.8	4201168.22	57687.67802	76.45	76.45	0 ANNUAL	AREA3	5	606767.8	4201168.22	0.02532	76.45	76.45	0 ANNUAL	ROAD1	5	606767.8	4201168.22	0.0259	76.45	76.45	0 ANNUAL	ROAD2	5	606767.8	4201168.22
606787.8	4201168.22	133609.337	76.31	76.31	0 ANNUAL	AREA2	5	606787.8	4201168.22	56044.53034	76.31	76.31	0 ANNUAL	AREA3	5	606787.8	4201168.22	0.02651	76.31	76.31	0 ANNUAL	ROAD1	5	606787.8	4201168.22	0.02713	76.31	76.31	0 ANNUAL	ROAD2	5	606787.8	4201168.22
606807.8	4201168.22	123563.1528	76.14	76.14	0 ANNUAL	AREA2	5	606807.8	4201168.22	54403.74655	76.14	76.14	0 ANNUAL	AREA3	5	606807.8	4201168.22	0.02782	76.14	76.14	0 ANNUAL	ROAD1	5	606807.8	4201168.22	0.02847	76.14	76.14	0 ANNUAL	ROAD2	5	606807.8	4201168.22
606827.8	4201168.22	114606.5512	76.02	76.02	0 ANNUAL	AREA2	5	606827.8	4201168.22	52781.9888	76.02	76.02	0 ANNUAL	AREA3	5	606827.8	4201168.22	0.02923	76.02	76.02	0 ANNUAL	ROAD1	5	606827.8	4201168.22	0.02992	76.02	76.02	0 ANNUAL	ROAD2	5	606827.8	4201168.22
606847.8	4201168.22	106554.693	75.84	75.84	0 ANNUAL	AREA2	5	606847.8	4201168.22	51184.22056	75.84	75.84	0 ANNUAL	AREA3	5	606847.8	4201168.22	0.03081	75.84	75.84	0 ANNUAL	ROAD1	5	606847.8	4201168.22	0.03154	75.84	75.84	0 ANNUAL	ROAD2	5	606847.8	4201168.22
606867.8	4201168.22	99290.25475	75.59	75.59	0 ANNUAL	AREA2	5	606867.8	4201168.22	49618.09171	75.59	75.59	0 ANNUAL	AREA3	5	606867.8	4201168.22	0.03258	75.59	75.59	0 ANNUAL	ROAD1	5	606867.8	4201168.22	0.0334	75.59	75.59	0 ANNUAL	ROAD2	5	606867.8	4201168.22
606887.8	4201168.22	92742.34709	75.39	75.39	0 ANNUAL	AREA2	5	606887.8	4201168.22	48094.9025	75.39	75.39	0 ANNUAL	AREA3	5	606887.8	4201168.22	0.03503	75.39	75.39	0 ANNUAL	ROAD1	5	606887.8	4201168.22	0.03577	75.39	75.39	0 ANNUAL	ROAD2	5	606887.8	4201168.22
606907.8	4201168.22	86806.21532	75.17	75.17	0 ANNUAL	AREA2	5	606907.8	4201168.22	46614.84523	75.17	75.17	0 ANNUAL	AREA3	5	606907.8	4201168.22	0.03742	75.17	75.17	0 ANNUAL	ROAD1	5	606907.8	4201168.22	0.03828	75.17	75.17	0 ANNUAL	ROAD2	5	606907.8	4201168.22
606927.8	4201168.22	81408.22595	74.92	74.92	0 ANNUAL	AREA2	5	606927.8	4201168.22	45179.60482	74.92	74.92	0 ANNUAL	AREA3	5	606927.8	4201168.22	0.04001	74.92	74.92	0 ANNUAL	ROAD1	5	606927.8	4201168.22	0.04099	74.92	74.92	0 ANNUAL	ROAD2	5	606927.8	4201168.22
606947.8	4201168.22	76501.83754	74.74	74.74	0 ANNUAL	AREA2	5	606947.8	4201168.22	43794.19851	74.74	74.74	0 ANNUAL	AREA3	5	606947.8	4201168.22	0.04267	74.74	74.74	0 ANNUAL	ROAD1	5	606947.8	4201168.22	0.04377	74.74	74.74	0 ANNUAL	ROAD2	5	606947.8	4201168.22
606967.8	4201168.22	72015.68587	74.53	74.53	0 ANNUAL	AREA2	5	606967.8	4201168.22	42454.73996	74.53	74.53	0 ANNUAL	AREA3	5	606967.8	4201168.22	0.04564	74.53	74.53	0 ANNUAL	ROAD1	5	606967.8	4201168.22	0.04682	74.53	74.53	0 ANNUAL	ROAD2	5	606967.8	4201168.22
606987.8	4201168.22	67908.24016	74.32	74.32	0 ANNUAL	AREA2	5	606987.8	4201168.22	41162.09826	74.32	74.32	0 ANNUAL	AREA3	5	606987.8	4201168.22	0.04897	74.32	74.32	0 ANNUAL	ROAD1	5	606987.8	4201168.22	0.05023	74.32	74.32	0 ANNUAL	ROAD2	5	606987.8	4201168.22
607007.8	4201168.22	64139.98055	74.12	74.12	0 ANNUAL	AREA2	5	607007.8	4201168.22	39915.84061	74.12	74.12	0 ANNUAL	AREA3	5	607007.8	4201168.22	0.05271	74.12	74.12	0 ANNUAL	ROAD1	5	607007.8	4201168.22	0.05408	74.12	74.12	0 ANNUAL	ROAD2	5	607007.8	4201168.22
607027.8	4201168.22	60675.32823	73.93	73.93	0 ANNUAL	AREA2	5	607027.8	4201168.22	38715.43431	73.93	73.93	0 ANNUAL	AREA3	5	607027.8	4201168.22	0.05699	73.93	73.93	0 ANNUAL	ROAD1	5	607027.8	4201168.22	0.05845	73.93	73.93	0 ANNUAL	ROAD2	5	607027.8	4201168.22
607047.8	4201168.22	57471.99218	73.63	73.63	0 ANNUAL	AREA2	5	607047.8	4201168.22	37556.23793	73.63	73.63	0 ANNUAL	AREA3	5	607047.8	4201168.22	0.06202	73.63	73.63	0 ANNUAL	ROAD1	5	607047.8	4201168.22	0.06356	73.63	73.63	0 ANNUAL	ROAD2	5	607047.8	4201168.22
607067.8	4201168.22	54522.82243	73.42	73.42	0 ANNUAL	AREA2	5	607067.8	4201168.22	36443.59974	73.42	73.42	0 ANNUAL	AREA3	5	607067.8	4201168.22	0.06776	73.42	73.42	0 ANNUAL	ROAD1	5	607067.8	4201168.22	0.0694	73.42	73.42	0 ANNUAL	ROAD2	5	607067.8	4201168.22
607087.8	4201168.22	51795.29525	73.22	73.22	0 ANNUAL	AREA2	5	607087.8	4201168.22	35373.98942	73.22	73.22	0 ANNUAL	AREA3	5	607087.8	4201168.22	0.07447	73.22	73.22	0 ANNUAL	ROAD1	5	607087.8	4201168.22	0.07623	73.22	73.22	0 ANNUAL	ROAD2	5	607087.8	4201168.22
607107.8	4201168.22	49260.82262	72.93	72.93	0 ANNUAL	AREA2	5	607107.8	4201168.22	34343.70125	72.93	72.93	0 ANNUAL	AREA3	5	607107.8	4201168.22	0.0825	72.93	72.93	0 ANNUAL	ROAD1	5	607107.8	4201168.22	0.08444	72.93	72.93	0 ANNUAL	ROAD2	5	607107.8	4201168.22
607127.8	4201168.22	46915.33706	72.74	72.74	0 ANNUAL	AREA2	5	607127.8	4201168.22	33356.85534	72.74	72.74	0 ANNUAL	AREA3	5	607127.8	4201168.22	0.09178	72.74	72.74	0 ANNUAL	ROAD1	5	607127.8	4201168.22	0.09399	72.74	72.74	0 ANNUAL	ROAD2	5	607127.8	4201168.22
607147.8	4201168.22	44733.49789	72.54	72.54	0 ANNUAL	AREA2	5	607147.8	4201168.22	32409.50516	72.54	72.54	0 ANNUAL	AREA3	5	607147.8	4201168.22	0.10274	72.54	72.54	0 ANNUAL	ROAD1	5	607147.8	4201168.22	0.10538	72.54	72.54	0 ANNUAL	ROAD2	5	607147.8	4201168.22
607167.8	4201168.22	42701.32108	72.34	72.34	0 ANNUAL	AREA2	5	607167.8	4201168.22	31500.5572	72.34	72.34	0 ANNUAL	AREA3	5	607167.8	4201168.22	0.11568	72.34	72.34	0 ANNUAL	ROAD1	5	607167.8	4201168.22	0.11903	72.34	72.34	0 ANNUAL	ROAD2	5	607167.8	4201168.22
607187.8	4201168.22	40804.49785	72.12	72.12	0 ANNUAL	AREA2	5	607187.8	4201168.22	30628.30469	72.12	72.12	0 ANNUAL	AREA3	5	607187.8	4201168.22	0.13111	72.12	72.12	0 ANNUAL	ROAD1	5	607187.8	4201168.22	0.13558	72.12	72.12	0 ANNUAL	ROAD2	5	607187.8	4201168.22
607207.8	4201168.22	39034.71368	71.94	71.94	0 ANNUAL	AREA2	5	607207.8	4201168.22	29792.93179	71.94	71.94	0 ANNUAL	AREA3	5	607207.8	4201168.22	0.14946	71.94	71.94	0 ANNUAL	ROAD1	5	607207.8	4201168.22	0.15569	71.94	71.94	0 ANNUAL	ROAD2	5	607207.8	4201168.22
607227.8	4201168.22	37378.1346	71.74	71.74	0 ANNUAL	AREA2	5	607227.8	4201168.22	28991.71699	71.74	71.74	0 ANNUAL	AREA3	5	607227.8	4201168.22	0.17198	71.74	71.74	0 ANNUAL	ROAD1	5	607227.8	4201168.22	0.181	71.74	71.74	0 ANNUAL	ROAD2	5	607227.8	4201168.22
607247.8	4201168.22	35826.33994	71.54	71.54	0 ANNUAL	AREA2	5	607247.8	4201168.22	28223.87417	71.54	71.54	0 ANNUAL	AREA3	5	607247.8	4201168.22	0.20006	71.54	71.54	0 ANNUAL	ROAD1	5	607247.8	4201168.22	0.21369	71.54	71.54	0 ANNUAL	ROAD2	5	607247.8	4201168.22
607267.8	4201168.22	34370.82221	71.34	71.34	0 ANNUAL	AREA2	5	607267.8	4201168.22	27487.81676	71.34	71.34	0 ANNUAL	AREA3	5	607267.8	4201168.22	0.23573	71.34	71.34	0 ANNUAL	ROAD1	5	607267.8	4201168.22	0.25693	71.34	71.34	0 ANNUAL	ROAD2	5	607267.8	4201168.22
607287.8	4201168.22	33003.16967	71.12	71.12	0 ANNUAL	AREA2	5	607287.8	4201168.22	26781.9351	71.12	71.12	0 ANNUAL	AREA3	5	607287.8	4201168.22	0.28237	71.12	71.12	0 ANNUAL	ROAD1	5	607287.8	4201168.22	0.3151	71.12	71.12	0 ANNUAL	ROAD2	5	607287.8	4201168.22
607307.8	4201168.22	31714.9199	70.84	70.84	0 ANNUAL	AREA2	5	607307.8	4201168.22	26104.15436	70.84	70.84	0 ANNUAL	AREA3	5	607307.8	4201168.22	0.3424	70.84	70.84	0 ANNUAL	ROAD1	5	607307.8	4201168.22	0.39319	70.84	70.84	0 ANNUAL	ROAD2	5	607307.8	4201168.22
606527.8	4201188.22	658451.6649	78.59	78.59	0 ANNUAL	AREA2	5	606527.8	4201188.22	70486.67085	78.59	78.59	0 ANNUAL	AREA3	5	606527.8	4201188.22	0.01542	78.59	78.59	0 ANNUAL	ROAD1	5	606527.8	4201188.22	0.01569	78.59	78.59	0 ANNUAL	ROAD2	5	606527.8	4201188.22
606547.8	4201188.22	542130.4802	78.52	78.52	0 ANNUAL	AREA2	5	606547.8	4201188.22	69379.76204	78.52	78.52	0 ANNUAL	AREA3	5	606547.8	4201188.22	0.0159	78.52	78.52	0 ANNUAL	ROAD1	5	606547.8	4201188.22	0.01618	78.52	78.52	0 ANNUAL	ROAD2	5	606547.8	4201188.22
606567.8	4201188.22	447902.7753	78.4	78.4	0 ANNUAL	AREA2	5	606567.8	4201188.22	68262.26623	78.4	78.4	0 ANNUAL	AREA3	5	606567.8	4201188.22	0.01642	78.4	78.4	0 ANNUAL	ROAD1	5	606567.8	4201188.22	0.01672	78.4	78.4	0 ANNUAL	ROAD2	5	606567.8	4201188.22
606587.8	4201188.22	382755.3188	78.27	78.27	0 ANNUAL	AREA2	5	606587.8	4201188.22	67116.5484	78.27	78.27	0 ANNUAL	AREA3	5	606587.8	4201188.22	0.01697	78.27	78.27	0 ANNUAL	ROAD1	5	606587.8	4201188.22	0.01729	78.27	78.27	0 ANNUAL	ROAD2	5	606587.8	4201188.22
606607.8	4201188.22	333584.284	78.19	78.19	0 ANNUAL	AREA2	5	606607.8	4201188.22	65961.72555	78.19	78.19	0 ANNUAL	AREA3	5	606607.8	4201188.22	0.01755	78.19	78.19	0 ANNUAL	ROAD1	5	606607.8	4201188.22	0.01788	78.19	78.19	0 ANNUAL	ROAD2	5	606607.8	4201188.22
606627.8	4201188.22	294217.3567	78.08	78.08	0 ANNUAL	AREA2	5	606627.8	4201188.22	64763.83955	78.08	78.08	0 ANNUAL	AREA3	5	606627.8	4201188.22	0.01817	78.08	78.08	0 ANNUAL	ROAD1	5	606627.8	4201188.22	0.01852	78.08	78.08	0 ANNUAL	ROAD2	5	606627.8	4201188.22
606647.8	4201188.22	261610.4929	77.87	77.87	0 ANNUAL	AREA2	5	606647.8	4201188.22	63529.95045	77.87	77.87	0 ANNUAL	AREA3	5	606647.8	4201188.22	0.01886	77.87	77.87	0 ANNUAL	ROAD1	5	606647.8	4201188.22	0.01922	77.87	77.87	0 ANNUAL	ROAD2	5	606647.8	4201188.22
606667.8	4201188.22	234301.3073	77.66	77.66	0 ANNUAL	AREA2	5	606667.8	4201188.22	62246.32126	77.66	77.66	0 ANNUAL	AREA3	5	606667.8	4201188.22	0.0196	77.66	77.66	0 ANNUAL	ROAD1	5	606667.8	4201188.22	0.01998	77.66	77.66	0 ANNUAL	ROAD2	5	606667.8	4201188.22
606687.8	4201188.22	211014.2219	77.36	77.36	0 ANNUAL	AREA2	5	606687.8	4201188.22	60908.58077	77.36	77.36	0 ANNUAL	AREA3	5	606687.8	4201188.22	0.02042	77.36	77.36	0 ANNUAL	ROAD1	5	606687.8	4201188.22	0.02082	77.36	77.36	0 ANNUAL	ROAD2	5	606687.8	4201188.22
606707.8	4201188.22	191060.1403	77.06	77.06	0 ANNUAL	AREA2	5	606707.8	4201188.22	59521.86948	77.06	77.06	0 ANNUAL	AREA3	5	606707.8	4201188.22	0.0213	77.06	77.06	0 ANNUAL	ROAD1	5	606707.8	4201188.22	0.02171	77.06	77.06	0 ANNUAL	ROAD2	5	606707.8	4201188.22
606727.8	4201188.22	173816.2322	76.77	76.77	0 ANNUAL	AREA2	5	606727.8	4201188.22	58095.85402	76.77	76.77	0 ANNUAL	AREA3	5	606727.8	4201188.22	0.02224	76.77	76.77	0 ANNUAL	ROAD1	5	606727.8	4201188.22	0.02268	76.77	76.77	0 ANNUAL	ROAD2	5	606727.8	4201188.22
606747.8	4201188.22	158837.1874	76.55	76.55	0 ANNUAL	AREA2	5	606747.8	4201188.22	56638.04506	76.55	76.55	0 ANNUAL	AREA3	5	606747.8	4201188.22	0.02323	76.55	76.55	0 ANNUAL	ROAD1	5	606747.8	4201188.22	0.02369	76.55	76.55	0 ANNUAL	ROAD2	5	606747.8	4201188.22
606767.8	4201188.22	145708.875	76.36	76.36	0 ANNUAL	AREA2	5	606767.8	4201188.22	55161.39588	76.36	76.36	0 ANNUAL	AREA3	5	606767.8	4201188.22	0.02429	76.36	76.36	0 ANNUAL	ROAD1	5	606767.8	4201188.22	0.02478	76.36	76.36	0 ANNUAL	ROAD2	5	606767.8	4201188.22
606787.8	4201188.22	134129.3637	76.19	76.19	0 ANNUAL	AREA2	5	606787.8	4201188.22	53672.50312	76.19	76.19	0 ANNUAL	AREA3	5	606787.8	4201188.22	0.02544	76.19	76.19	0 ANNUAL	ROAD1	5	606787.8	4201188.22	0.02595	76.19	76.19	0 ANNUAL	ROAD2	5	606787.8	4201188.22
606807.8	4201188.22	123852.045	76.01	76.01	0 ANNUAL	AREA2	5	606807.8	4201188.22	52182.65623	76.01	76.01	0 ANNUAL	AREA3	5	606807.8	4201188.22	0.02669	76.01	76.01	0 ANNUAL	ROAD1	5	606807.8	4201188.22	0.02723	76.01	76.01	0 ANNUAL	ROAD2	5	606807.8	4201188.22
606827.8	4201188.22	114713.7316	75.89	75.89	0 ANNUAL	AREA2	5	606827.8	4201188.22	50705.71328	75.89	75.89	0 ANNUAL	AREA3	5	606827.8	4201188.22	0.02803	75.89	75.89	0 ANNUAL	ROAD1	5	606827.8	4201188.22	0.0286	75.89	75.89	0 ANNUAL	ROAD2	5	606827.8	4201188.22
606847.8	4201188.22	106519.9864	75.72	75.72	0 ANNUAL	AREA2	5	606847.8	4201188.22	49246.31479	75.72	75.72	0 ANNUAL	AREA3	5	606847.8	4201188.22	0.02953	75.72	75.72	0 ANNUAL	ROAD1	5	606847.8	4201188.22	0.03012	75.72	75.72	0 ANNUAL	ROAD2	5	606847.8	4201188.22
606867.8	4201188.22	99166.26193	75.57	75.57	0 ANNUAL	AREA2	5	606867.8	4201188.22	47815.03118	75.57	75.57	0 ANNUAL	AREA3	5	606867.8	4201188.22	0.0312	75.57	75.57	0 ANNUAL	ROAD1	5	606867.8	4201188.22	0.03182	75.57	75.57	0 ANNUAL	ROAD2	5	606867.8	4201188.22
606887.8	4201188.22	92507.874	75.28	75.28	0 ANNUAL	AREA2	5	606887.8	4201188.22	46410.88336	75.28	75.28	0 ANNUAL	AREA3	5	606887.8	4201188.22	0.03366	75.28	75.28	0 ANNUAL	ROAD1	5	606887.8	4201188.22	0.03428	75.28	75.28	0 ANNUAL	ROAD2	5	606887.8	4201188.22
606907.8	4201188.22	86500.87903	75.04	75.04	0 ANNUAL	AREA2	5	606907.8	4201188.22	45046.00424	75.04	75.04	0 ANNUAL	AREA3	5	606907.8	4201188.22	0.03586	75.04	75.04	0 ANNUAL	ROAD1	5	606907.8	4201188.22	0.03657	75.04	75.04	0 ANNUAL	ROAD2	5	606907.8	4201188.22
606927.8	4201188.22	81062.11663	74.84	74.84	0 ANNUAL	AREA2	5	606927.8	4201188.22	43721.98164	74.84	74.84	0 ANNUAL	AREA3	5	606927.8	4201188.22	0.03818	74.84	74.84	0 ANNUAL	ROAD1	5	606927.8	4201188.22	0.039	74.84	74.84	0 ANNUAL	ROAD2	5	606927.8	4201188.22
606947.8	4201188.22	76111.6393	74.61	74.61	0 ANNUAL	AREA2	5	606947.8	4201188.22	42437.13792	74.61	74.61	0 ANNUAL	AREA3	5	606947.8	4201188.22	0.0407	74.61	74.61	0 ANNUAL	ROAD1	5	606947.8	4201188.22	0.04156	74.61	74.61	0 ANNUAL	ROAD2	5	606947.8	4201188.22
606967.8	4201188.22	71603.96177	74.42	74.42	0 ANNUAL	AREA2	5	606967.8	4201188.22	41194.68725	74.42	74.42	0 ANNUAL	AREA3	5	606967.8	4201188.22	0.04346	74.42	74.42	0 ANNUAL	ROAD1	5	606967.8	4201188.22	0.04438	74.42	74.42	0 ANNUAL	ROAD2	5	606967.8	4201188.22
606987.8	4201188.22	67482.18338	74.22	74.22	0 ANNUAL	AREA2	5	606987.8	4201188.22	39992.56034	74.22	74.22	0 ANNUAL	AREA3	5	606987.8	4201188.22	0.04657	74.22	74.22	0 ANNUAL	ROAD1	5	606987.8	4201188.22	0.04754	74.22	74.22	0 ANNUAL	ROAD2	5	606987.8	4201188.22
607007.8	4201188.22	63706.20841	74.03	74.03	0 ANNUAL	AREA2	5	607007.8	4201188.22	38830.92682	74.03	74.03	0 ANNUAL	AREA3	5	607007.8	4201188.22	0.05009	74.03	74.03	0 ANNUAL	ROAD1	5	607007.8	4201188.22	0.05112	74.03	74.03	0 ANNUAL	ROAD2	5	607007.8	4201188.22
607027.8	4201188.22	60232.22311	73.78	73.78	0 ANNUAL	AREA2	5	607027.8	4201188.22	37707.06964	73.78	73.78	0 ANNUAL	AREA3	5	607027.8	4201188.22	0.05415	73.78	73.78	0 ANNUAL	ROAD1	5	607027.8	4201188.22	0.0552	73.78	73.78	0 ANNUAL	ROAD2	5	607027.8	4201188.22
607047.8	4201188.22	57034.39552	73.52	73.52	0 ANNUAL	AREA2	5	607047.8	4201188.22	36621.85026	73.52	73.52	0 ANNUAL	AREA3	5	607047.8	4201188.22	0.05882	73.52	73.52	0 ANNUAL	ROAD1	5	607047.8	4201188.22	0.05991	73.52	73.52	0 ANNUAL	ROAD2	5	607047.8	4201188.22
607067.8	4201188.22	54090.85488	73.32	73.32	0 ANNUAL	AREA2	5	607067.8	4201188.22	35576.75309	73.32	73.32	0 ANNUAL	AREA3	5	607067.8	4201188.22	0.06417	73.32	73.32	0 ANNUAL	ROAD1	5	607067.8	4201188.22	0.06531	73.32	73.32	0 ANNUAL	ROAD2	5	607067.8	4201188.22
607087.8	4201188.22	51370.58341	73.12	73.12	0 ANNUAL	AREA2	5	607087.8	4201188.22	34569.00065	73.12	73.12	0 ANNUAL	AREA3	5	607087.8	4201188.22	0.07038	73.12	73.12	0 ANNUAL	ROAD1	5	607087.8	4201188.22	0.0716	73.12	73.12	0 ANNUAL	ROAD2	5	607087.8	4201188.22
607107.8	4201188.22	48851.27806	72.91	72.91	0 ANNUAL	AREA2	5	607107.8	4201188.22	33597.55398	72.91	72.91	0 ANNUAL	AREA3	5	607107.8	4201188.22	0.07761	72.91	72.91	0 ANNUAL	ROAD1	5	607107.8	4201188.22	0.07895	72.91	72.91	0 ANNUAL	ROAD2	5	607107.8	4201188.22
607127.8	4201188.22	46517.21813	72.74	72.74	0 ANNUAL	AREA2	5	607127.8	4201188.22	32662.97048	72.74	72.74	0 ANNUAL	AREA3	5	607127.8	4201188.22	0.0859	72.74	72.74	0 ANNUAL	ROAD1	5	607127.8	4201188.22	0.08748	72.74	72.74	0 ANNUAL	ROAD2	5	607127.8	4201188.22
607147.8	4201188.22	44342.73092	72.48	72.48	0 ANNUAL	AREA2	5	607147.8	4201188.22	31761.21465	72.48	72.48	0 ANNUAL	AREA3	5	607147.8	4201188.22	0.09564	72.48	72.48	0 ANNUAL	ROAD1	5	607147.8	4201188.22	0.09764	72.48	72.48	0 ANNUAL	ROAD2	5	607147.8	4201188.22

607167.8	4201188.22	42320.39771	72.24	72.24	0	ANNUAL	AREA2	5
607187.8	4201188.22	40437.60781	72.04	72.04	0	ANNUAL	AREA2	5
607207.8	4201188.22	38680.27049	71.85	71.85	0	ANNUAL	AREA2	5
607227.8	4201188.22	37036.65489	71.65	71.65	0	ANNUAL	AREA2	5
607247.8	4201188.22	35499.53429	71.49	71.49	0	ANNUAL	AREA2	5
607267.8	4201188.22	34058.71846	71.34	71.34	0	ANNUAL	AREA2	5
607287.8	4201188.22	32704.13168	71.14	71.14	0	ANNUAL	AREA2	5
607307.8	4201188.22	31429.79493	70.91	70.91	0	ANNUAL	AREA2	5
606527.8	4201208.22	663064.2951	78.74	78.74	0	ANNUAL	AREA2	5
606547.8	4201208.22	545317.9257	78.6	78.6	0	ANNUAL	AREA2	5
606567.8	4201208.22	452282.3256	78.52	78.52	0	ANNUAL	AREA2	5
606587.8	4201208.22	387435.64	78.41	78.41	0	ANNUAL	AREA2	5
606607.8	4201208.22	337779.9293	78.3	78.3	0	ANNUAL	AREA2	5
606627.8	4201208.22	297672.6122	78.14	78.14	0	ANNUAL	AREA2	5
606647.8	4201208.22	264437.4266	77.94	77.94	0	ANNUAL	AREA2	5
606667.8	4201208.22	236330.1827	77.61	77.61	0	ANNUAL	AREA2	5
606687.8	4201208.22	212589.9196	77.37	77.37	0	ANNUAL	AREA2	5
606707.8	4201208.22	192252.1841	77.16	77.16	0	ANNUAL	AREA2	5
606727.8	4201208.22	174583.5336	76.85	76.85	0	ANNUAL	AREA2	5
606747.8	4201208.22	159277.2461	76.64	76.64	0	ANNUAL	AREA2	5
606767.8	4201208.22	145851.8679	76.4	76.4	0	ANNUAL	AREA2	5
606787.8	4201208.22	134053.2142	76.21	76.21	0	ANNUAL	AREA2	5
606807.8	4201208.22	123579.2745	75.94	75.94	0	ANNUAL	AREA2	5
606827.8	4201208.22	114292.787	75.73	75.73	0	ANNUAL	AREA2	5
606847.8	4201208.22	106000.8612	75.51	75.51	0	ANNUAL	AREA2	5
606867.8	4201208.22	98597.01419	75.39	75.39	0	ANNUAL	AREA2	5
606887.8	4201208.22	91927.59615	75.23	75.23	0	ANNUAL	AREA2	5
606907.8	4201208.22	85891.71338	74.98	74.98	0	ANNUAL	AREA2	5
606927.8	4201208.22	80430.08812	74.73	74.73	0	ANNUAL	AREA2	5
606947.8	4201208.22	75482.17262	74.54	74.54	0	ANNUAL	AREA2	5
606967.8	4201208.22	70976.27834	74.34	74.34	0	ANNUAL	AREA2	5
606987.8	4201208.22	66862.20591	74.13	74.13	0	ANNUAL	AREA2	5
607007.8	4201208.22	63098.37079	73.93	73.93	0	ANNUAL	AREA2	5
607027.8	4201208.22	59633.55084	73.61	73.61	0	ANNUAL	AREA2	5
607047.8	4201208.22	56460.33684	73.41	73.41	0	ANNUAL	AREA2	5
607067.8	4201208.22	53533.94145	73.18	73.18	0	ANNUAL	AREA2	5
607087.8	4201208.22	50831.43152	72.94	72.94	0	ANNUAL	AREA2	5
607107.8	4201208.22	48340.13559	72.82	72.82	0	ANNUAL	AREA2	5
607127.8	4201208.22	46025.72848	72.63	72.63	0	ANNUAL	AREA2	5
607147.8	4201208.22	43876.52667	72.44	72.44	0	ANNUAL	AREA2	5
607167.8	4201208.22	41876.69824	72.24	72.24	0	ANNUAL	AREA2	5
607187.8	4201208.22	40012.88595	72.03	72.03	0	ANNUAL	AREA2	5
607207.8	4201208.22	38271.09274	71.77	71.77	0	ANNUAL	AREA2	5
607227.8	4201208.22	36647.56782	71.6	71.6	0	ANNUAL	AREA2	5
607247.8	4201208.22	35127.38871	71.42	71.42	0	ANNUAL	AREA2	5
607267.8	4201208.22	33707.05101	71.35	71.35	0	ANNUAL	AREA2	5
607287.8	4201208.22	32368.23093	71.14	71.14	0	ANNUAL	AREA2	5
607307.8	4201208.22	31110.49479	70.94	70.94	0	ANNUAL	AREA2	5
606527.8	4201228.22	661489.4786	78.86	78.86	0	ANNUAL	AREA2	5
606547.8	4201228.22	545698.9108	78.74	78.74	0	ANNUAL	AREA2	5
606567.8	4201228.22	455585.6611	78.59	78.59	0	ANNUAL	AREA2	5
606587.8	4201228.22	391128.7372	78.55	78.55	0	ANNUAL	AREA2	5
606607.8	4201228.22	340585.2635	78.37	78.37	0	ANNUAL	AREA2	5
606627.8	4201228.22	299743.1135	78.2	78.2	0	ANNUAL	AREA2	5
606647.8	4201228.22	265715.0272	77.92	77.92	0	ANNUAL	AREA2	5
606667.8	4201228.22	237151.1236	77.63	77.63	0	ANNUAL	AREA2	5
606687.8	4201228.22	213031.5745	77.44	77.44	0	ANNUAL	AREA2	5
606707.8	4201228.22	192338.5697	77.24	77.24	0	ANNUAL	AREA2	5
606727.8	4201228.22	174426.4952	76.99	76.99	0	ANNUAL	AREA2	5
606747.8	4201228.22	158844.7849	76.71	76.71	0	ANNUAL	AREA2	5
606767.8	4201228.22	145237.555	76.44	76.44	0	ANNUAL	AREA2	5
606787.8	4201228.22	133289.5433	76.18	76.18	0	ANNUAL	AREA2	5
606807.8	4201228.22	122727.4697	75.88	75.88	0	ANNUAL	AREA2	5
606827.8	4201228.22	113384.5187	75.64	75.64	0	ANNUAL	AREA2	5
606847.8	4201228.22	105075.1952	75.44	75.44	0	ANNUAL	AREA2	5
606867.8	4201228.22	97639.34195	75.22	75.22	0	ANNUAL	AREA2	5
606887.8	4201228.22	90946.36417	74.91	74.91	0	ANNUAL	AREA2	5
606907.8	4201228.22	84978.51084	74.9	74.9	0	ANNUAL	AREA2	5
606927.8	4201228.22	79553.51035	74.73	74.73	0	ANNUAL	AREA2	5
606947.8	4201228.22	74624.3872	74.49	74.49	0	ANNUAL	AREA2	5
606967.8	4201228.22	70140.98152	74.23	74.23	0	ANNUAL	AREA2	5
606987.8	4201228.22	66062.81619	74.04	74.04	0	ANNUAL	AREA2	5
607007.8	4201228.22	62325.58266	73.77	73.77	0	ANNUAL	AREA2	5
607027.8	4201228.22	58892.12817	73.41	73.41	0	ANNUAL	AREA2	5
607047.8	4201228.22	55756.09515	73.23	73.23	0	ANNUAL	AREA2	5
607067.8	4201228.22	52866.63263	73.03	73.03	0	ANNUAL	AREA2	5
607087.8	4201228.22	50201.1965	72.84	72.84	0	ANNUAL	AREA2	5
607107.8	4201228.22	47742.2587	72.73	72.73	0	ANNUAL	AREA2	5
607127.8	4201228.22	45456.29124	72.51	72.51	0	ANNUAL	AREA2	5
607147.8	4201228.22	43342.44604	72.42	72.42	0	ANNUAL	AREA2	5
607167.8	4201228.22	41366.05819	72.15	72.15	0	ANNUAL	AREA2	5
607187.8	4201228.22	39529.10638	71.95	71.95	0	ANNUAL	AREA2	5
607207.8	4201228.22	37812.80094	71.7	71.7	0	ANNUAL	AREA2	5
607227.8	4201228.22	36213.34579	71.54	71.54	0	ANNUAL	AREA2	5
607247.8	4201228.22	34714.63843	71.34	71.34	0	ANNUAL	AREA2	5
607267.8	4201228.22	33313.75464	71.23	71.23	0	ANNUAL	AREA2	5
607287.8	4201228.22	31998.88605	71.12	71.12	0	ANNUAL	AREA2	5
607307.8	4201228.22	30760.58307	70.94	70.94	0	ANNUAL	AREA2	5
606527.8	4201248.22	662987.0992	79.03	79.03	0	ANNUAL	AREA2	5
606547.8	4201248.22	553860.0432	78.85	78.85	0	ANNUAL	AREA2	5
606567.8	4201248.22	460869.4436	78.65	78.65	0	ANNUAL	AREA2	5
606587.8	4201248.22	393710.4239	78.53	78.53	0	ANNUAL	AREA2	5
606607.8	4201248.22	342011.135	78.41	78.41	0	ANNUAL	AREA2	5
606627.8	4201248.22	299993.6691	78.13	78.13	0	ANNUAL	AREA2	5
606647.8	4201248.22	265432.2963	77.87	77.87	0	ANNUAL	AREA2	5
606667.8	4201248.22	236649.8789	77.71	77.71	0	ANNUAL	AREA2	5
606687.8	4201248.22	212222.9088	77.54	77.54	0	ANNUAL	AREA2	5
606707.8	4201248.22	191172.207	77.21	77.21	0	ANNUAL	AREA2	5
606727.8	4201248.22	173156.9817	77	77	0	ANNUAL	AREA2	5
606747.8	4201248.22	157496.2216	76.73	76.73	0	ANNUAL	AREA2	5
606767.8	4201248.22	143812.6499	76.4	76.4	0	ANNUAL	AREA2	5
606787.8	4201248.22	131888.1761	76.21	76.21	0	ANNUAL	AREA2	5
606807.8	4201248.22	121313.4014	75.85	75.85	0	ANNUAL	AREA2	5
606827.8	4201248.22	111997.4489	75.6	75.6	0	ANNUAL	AREA2	5
606847.8	4201248.22	103721.719	75.37	75.37	0	ANNUAL	AREA2	5
606867.8	4201248.22	96348.84171	75.2	75.2	0	ANNUAL	AREA2	5
606887.8	4201248.22	89720.88605	74.94	74.94	0	ANNUAL	AREA2	5
606907.8	4201248.22	83772.0509	74.74	74.74	0	ANNUAL	AREA2	5
606927.8	4201248.22	78399.39011	74.52	74.52	0	ANNUAL	AREA2	5
606947.8	4201248.22	73550.99514	74.41	74.41	0	ANNUAL	AREA2	5
606967.8	4201248.22	69136.11368	74.23	74.23	0	ANNUAL	AREA2	5
606987.8	4201248.22	65109.24032	74.01	74.01	0	ANNUAL	AREA2	5
607007.8	4201248.22	61414.48882	73.64	73.64	0	ANNUAL	AREA2	5
607027.8	4201248.22	58032.25055	73.27	73.27	0	ANNUAL	AREA2	5
607047.8	4201248.22	54942.01869	73.05	73.05	0	ANNUAL	AREA2	5
607067.8	4201248.22	52104.72255	72.91	72.91	0	ANNUAL	AREA2	5
607087.8	4201248.22	49482.47979	72.71	72.71	0	ANNUAL	AREA2	5
607107.8	4201248.22	47063.55293	72.58	72.58	0	ANNUAL	AREA2	5
607127.8	4201248.22	44818.02012	72.38	72.38	0	ANNUAL	AREA2	5
607147.8	4201248.22	42735.33408	72.2	72.2	0	ANNUAL	AREA2	5
607167.8	4201248.22	40801.03958	72.06	72.06	0	ANNUAL	AREA2	5
607187.8	4201248.22	38996.09009	71.86	71.86	0	ANNUAL	AREA2	5
607207.8	4201248.22	37311.25247	71.64	71.64	0	ANNUAL	AREA2	5
607227.8	4201248.22	35739.76859	71.48	71.48	0	ANNUAL	AREA2	5
607247.8	4201248.22	34269.8672	71.34	71.34	0	ANNUAL	AREA2	5
607267.8	4201248.22	32889.70541	71.14	71.14	0	ANNUAL	AREA2	5
607287.8	4201248.22	31598.63942	71.05	71.05	0	ANNUAL	AREA2	5
607307.8	4201248.22	30383.3396	70.91	70.91	0	ANNUAL	AREA2	5
606527.8	4201268.22	665754.9608	79.16	79.16	0	ANNUAL	AREA2	5
606547.8	4201268.22	569640.2123	78.95	78.95	0	ANNUAL	AREA2	5
606567.8	4201268.22	466436.535	78.73	78.73	0	ANNUAL	AREA2	5
606587.8	4201268.22	394911.251	78.54	78.54	0	ANNUAL	AREA2	5
606607.8	4201268.22	341120.0883	78.3	78.3	0	ANNUAL	AREA2	5
606627.8	4201268.22	298527.2768	78.11	78.11	0	ANNUAL	AREA2	5
606647.8	4201268.22	263566.0412	77.89	77.89	0	ANNUAL	AREA2	5
606667.8	4201268.22	234490.9076	77.72	77.72	0	ANNUAL	AREA2	5
606687.8	4201268.22	209730.0048	77.38	77.38	0	ANNUAL	AREA2	5
606707.8	4201268.22	188791.9135	77.17	77.17	0	ANNUAL	AREA2	5
606727.8	4201268.22	170730.1808	76.86	76.86	0	ANNUAL	AREA2	5
606747.8	4201268.22	155107.6544	76.52	76.52	0	ANNUAL	AREA2	5
606767.8	4201268.22	141659.7447	76.43	76.43	0	ANNUAL	AREA2	5
606787.8	4201268.22	129834.4023	76.24	76.24	0	ANNUAL	AREA2	5
606807.8	4201268.22	119378.6192	75.91	75.91	0	ANNUAL	AREA2	5
606827.8	4201268.22	110167.4564	75.65	75.65	0	ANNUAL	AREA2	5
606847.8	4201268.22	101996.8632	75.41	75.41	0	ANNUAL	AREA2	5
606867.8	4201268.22	94717.31548	75.19	75.19	0	ANNUAL	AREA2	5
606887.8	4201268.22	88196.65674	74.95	74.95	0	ANNUAL	AREA2	5
606907.8	4201268.22	82343.35926	74.74	74.74	0	ANNUAL	AREA2	5
606927.8	4201268.22	77066.39468	74.54	74.54	0	ANNUAL	AREA2	5
606947.8	4201268.22	72290.98537	74.34	74.34	0	ANNUAL	AREA2	5
606967.8	4201268.22	67955.86605	74.14	74.14	0	ANNUAL	AREA2	5
606987.8	4201268.22	64003.91008	73.9	73.9	0	ANNUAL	AREA2	5
607007.8	4201268.22	60377.31017	73.49	73.49	0	ANNUAL	AREA2	5
607027.8	4201268.22	57063.75146	73.13	73.13	0	ANNUAL	AREA2	5
607047.8	4201268.22	54039.75173	72.95	72.95	0	ANNUAL	AREA2	5
607067.8	4201268.22	51251.81905	72.71	72.71	0	ANNUAL	AREA2	5
607087.8	4201268.22	48690.78356	72.6	72.6	0	ANNUAL	AREA2	5
607107.8	4201268.22	46322.12281	72.48	72.48	0	ANNUAL	AREA2	5
607127.8	4201268.22	44120.83604	72.25	72.25	0	ANNUAL	AREA2	5
607147.8	4201268.22	42072.07517	71.92	71.92	0	ANNUAL	AREA2	5
607167.8	4201268.22	40185.00431	71.9	71.9	0	ANNUAL	AREA2	5
607187.8	4201268.22	38420.9084	71.77	71.77	0	ANNUAL	AREA2	5
607207.8	4201268.22	36768.87799	71.52	71.52	0	ANNUAL	AREA2	5
607227.8	4201268.22	35227.00845	71.31	71.31	0	ANNUAL	AREA2	5
607247.8	4201268.22	33789.00542	71.22	71.22	0	ANNUAL	AREA2	5
607267.8	4201268.22	32436.05125	71.01	71.01	0	ANNUAL	AREA2	5
607287.8	4201268.22	31171.41834	70.94	70.94	0	ANNUAL	AREA2	5
607307.8	4201268.22	29984.31296	70.92	70.92	0	ANNUAL	AREA2	5
606527.8	4201288.22	670200.9168	79.35	79.35	0	ANNUAL	AREA2	5
606547.8	4201288.22	576923.606	79.03	79.03	0	ANNUAL	AREA2	5
606567.8	4201288.22	466930.0936	78.73	78.73	0	ANNUAL	AREA2	5
606587.8	4201288.22	392325.7779	78.37	78.37	0	ANNUAL	AREA2	5
606607.8	4201288.22	337284.6677	78.07	78.07	0	ANNUAL	AREA2	5
606627.8	4201288.22	294331.4008	77.89	77.89	0	ANNUAL	AREA2	5
606647.8	4201288.22	259401.931	77.73	77.73	0	ANNUAL	AREA2	5
606667.8	4201288.22	230281.4241	77.49	77.49	0	ANNUAL	AREA2	5
606687.8	4201288.22	205831.4461	77.26	77.26	0	ANNUAL	AREA2	5
606707.8	4201288.22	184968.1935	76.91	76.91	0	ANNUAL	AREA2	5
606727.8	4201288.22	167280.2579	76.75	76.75	0	ANNUAL	AREA2	5
606747.8	4201288.22	151944.8697	76.48	76.48	0	ANNUAL	AREA2	5
606767.8	4201288.22	138692.6517	76.32	76.32	0	ANNUAL	AREA2	5
606787.8	4201288.22	127123.0701	76.19	76.19	0	ANNUAL	AREA2	5
606807.8	4201288.22	116931.3797	76	76	0	ANNUAL	AREA2	5
606827.8	4201288.22	107913.6892	75.75	75.75	0	ANNUAL	AREA2	5
606847.8	4201288.22	99902.34521	75.45	75.45	0	ANNUAL	AREA2	5
606867.8	4201288.22	92793.03796	75.26	75.26	0	ANNUAL	AREA2	5
606887.8	4201288.22	86425.0757	75.04	75.04	0	ANNUAL	AREA2	5
606907.8	4201288.22	80694.15059	74.76	74.76	0	ANNUAL	AREA2	5
606927.8	4201288.22	75532.2085	74.5	74.5	0	ANNUAL	AREA2	5
606947.8	4201288.22	70863.0575	74.24	74.24	0	ANNUAL	AREA2	5
606967.8	4201288.22	66634.81646	74.05	74.05	0	ANNUAL	AREA2	5
606987.8	4201288.22	62774.4739	73.77	73.77	0	ANNUAL	AREA2	5
607007.8	4201288.22	59236.55674	73.36	73.36	0	ANNUAL	AREA2	5
607027.8	4201288.22	56006.90717	73.03	73.03	0	ANNUAL	AREA2	5
607047.8	4201288.22	53056.41586	72.85	72.85	0	ANNUAL	AREA2	5
607067.8	4201288.22	50338.46089	72.64	72.64	0	ANNUAL	AREA2	5
607087.8	4201288.22	47832.94182	72.45	72.45	0	ANNUAL	AREA2	5
607107.8	4201288.22	45521.41462	72.33	72.33	0	ANNUAL	AREA2	5
607127.8	4201288.22	43366.24039	72	72	0	ANNUAL	AREA2	5
607147.8	4201288.22	41366.34051	71.67	71.67	0	ANNUAL	AREA2	5
607167.8	4201288.22	39518.05454	71.54	71.54	0	ANNUAL	AREA2	5
607187.8	4201288.22	37801.45708	71.52	71.52	0	ANNUAL	AREA2	5
607207.8	4201288.22	36192.15676	71.36	71.36	0	ANNUAL	AREA2	5
607227.8	4201288.22	34682.28588	71.08	71.08	0	ANNUAL	AREA2	5
607247.8	4201288.22	33275.26392	70.95	70.95	0	ANNUAL	AREA2	5
607267.8	4201288.22	31959.48964	70.91	70.91	0	ANNUAL	AREA2	5
607287.8	4201288.22	30722.2616	70.83	70.83	0	ANNUAL	AREA2	5
607307.8	4201288.22	29561.2475	70.82	70.82	0	ANNUAL	AREA2	5
606527.8	4201308.22	666405.3411	79.46	79.46	0	ANNUAL	AREA2	5
606547.8	4201308.22	573935.0434	79.1	79.1	0	ANNUAL	AREA2	5
606567.8	4201308.22	461326.2056	78.58	78.58	0	ANNUAL	AREA2	5
606587.8	4201308.22	385555.4793	78.1	78.1	0	ANNUAL	AREA2	5
606607.8	4201308.22	330511.2884	77.87	77.87	0	ANNUAL	AREA2	5
606627.8	4201308.22	287221.9915	77.51	77.51	0	ANNUAL	AREA2	5
606647.8	4201308.22	252604.7473	77.3	77.3	0	ANNUAL	AREA2	5
606667.8	4201308.22	224177.246	77.18	77.18	0	ANNUAL	AREA2	5
606687.8	4201308.22	200335.0714	77.04	77.04	0	ANNUAL	AREA2	5
606707.8	4201308.22	180076.2552	76.82	76.82	0	ANNUAL	AREA2	5
606727.8	4201308.22	162814.7392	76.64	76.64	0	ANNUAL	AREA2	5
606747.8	4201308.22	147869.8145	76.32	76.32	0	ANNUAL	AREA2	5
606767.8	4201308.22	135033.4598	76.21	76.21	0	ANNUAL	AREA2	5
606787.8	4201308.22	123834.169	76.13	76.13	0	ANNUAL	AREA2	5
606807.8	4201308.22	113985.7813	76.03	76.03	0	ANNUAL	AREA2	5
606827.8	4201308.22	105233.4055	75.75	75.75	0	ANNUAL	AREA2	5
606847.8	4201308.22	97491.95713	75.54	75.54	0	ANNUAL	AREA2	5
606867.8	4201308.22	90584.55627	75.29	75.29	0	ANNUAL	AREA2	5
606887.8	4201308.22	84418.49051	75.11	75.11	0	ANNUAL	AREA2	5
606907.8	4201308.22	78861.66545	74.84	74.84	0	ANNUAL	AREA2	5
606927.8	4201308.22	73854.74343	74.59	74.59	0	ANNUAL	AREA2	5
606947.8	4201308.22	69308.91965	74.23	74.23	0	ANNUAL	AREA2	5
606967.8	4201308.22	65206.26464	74.05	74.05	0	ANNUAL	AREA2	5
606987.8	4201308.22	61441.90041	73.63	73.63	0	ANNUAL	AREA2	5
607007.8	4201308.22	58011.76285	73.27	73.27	0	ANNUAL	AREA2	5
607027.8	4201308.22	54877.04257	72.97	72.97	0	ANNUAL	AREA2	5
607047.8	4201308.22	52012.00991	72.82	72.82	0	ANNUAL	AREA2	5
607067.8	4201308.22	49364.35522	72.55	72.55	0	ANNUAL	AREA2	5
607087.8	4201308.22	46925.28309	72.33	72.33	0	ANNUAL	AREA2	5
607107.8	4201308.22	44661.53223	71.99	71.99	0	ANNUAL	AREA2	5
607127.8	4201308.22	42571.32868	71.76	71.76	0	ANNUAL	AREA2	5
607147.8	4201308.22	40623.32467	71.41	71.41	0	ANNUAL	AREA2	5
607167.8	4201308.22	38813.1936	71.09	71.09	0	ANNUAL	AREA2	5
607187.8	4201308.22	37143.0451	71.09	71.09	0	ANNUAL	AREA2	5
607207.8	4201308.22	35579.20924	71.01	71.01	0	ANNUAL	AREA2	5
607227.8	4201308.22	34109.75778	70.78	70.78	0	ANNUAL	AREA2	5
607247.8	4201308.22	32738.21264	70.66	70.66	0	ANNUAL	AREA2	5
607267.8	4201308.22	31455.93682	70.65	70.65	0	ANNUAL	AREA2	5
607287.8	4201308.22	30251.50354	70.65	70.65	0	ANNUAL	AREA2	5
607307.8	4201308.22	29119.68279	70.69	70.69	0	ANNUAL	AREA2	5
606527.8	4201328.22	655173.5912	79.49	79.49	0	ANNUAL	AREA2	5
606547.8	4201328.22	562903.5672	78.98	78.98	0	ANNUAL	AREA2	5
606567.8	4201328.22	450273.8847	78.36	78.36	0	ANNUAL	AREA2	5
606587.8	4201328.22	373929.6396	77.62	77.62	0	ANNUAL	AREA2	5
606607.8	4201328.22	318489.2294	77.02	77.02	0	ANNUAL	AREA2	5
606627.8	4201328.22	276391.6826	76.69	76.69	0	ANNUAL	AREA2	5
606647.8	4201328.22	243198.35	76.64	76.64	0	ANNUAL	AREA2	5
606667.8	4201328.22	215938.5703	76.62	76.62	0	ANNUAL	AREA2	5
606687.8	4201328.22	193165.7938	76.61	76.61	0	ANNUAL	AREA2	5
606707.8	4201328.22	173992.3752	76.7	76.7	0	ANNUAL	AREA2	5
606727.8	4201328.22	157402.6156	76.52	76.52	0	ANNUAL	AREA2	5
606747.8	4201328.22	143136.2774	76.33	76.33	0	ANNUAL	AREA2	5
606767.8	4201328.22	130733.0054	76.05	76.05	0	ANNUAL	AREA2	5
606787.8	4201328.22	119976.2222	75.91	75.91	0	ANNUAL	AREA2	5
606807.8	4201328.22	110556.9601	75.86	75.86	0	ANNUAL	AREA2	5
606827.8	4201328.22	102206.7558	75.73	75.73	0	ANNUAL	AREA2	5
606847.8	4201328.22	94776.44387	75.54	75.54	0	ANNUAL	AREA2	5
606867.8	4201328.22	88147.2677	75.34	75.34	0	ANNUAL	AREA2	5
606887.8	4201328.22	82201.91927	75.1	75.1	0	ANNUAL	AREA2	5
606907.8	4201328.22	76864.52462	74.91	74.91	0	ANNUAL	AREA2	5
606927.8	4201328.22	72037.07619	74.66	74.66	0	ANNUAL	AREA2	5
606947.8	4201328.22	67657.19562	74.35	74.35	0	ANNUAL	AREA2	5
606967.8	4201328.22	63677.18159	74.03	74.03	0	ANNUAL	AREA2	5
606987.8	4201328.22	60051.72812	73.72	73.72	0	ANNUAL	AREA2	5
607007.8	4201328.22	56729.36403	73.32	73.32	0	ANNUAL	AREA2	5
607027.8	4201328.22	53685.69465	72.92	72.92	0	ANNUAL	AREA2	5
607047.8	4201328.22	50916.4292	72.83	72.83	0	ANNUAL	AREA2	5
607067.8	4201328.22	48349.50463	72.55	72.55	0	ANNUAL	AREA2	5
607087.8	4201328.22	45969.85203	72.13	72.13	0	ANNUAL	AREA2	5
607107.8	4201328.22	43772.85563	71.77	71.77	0	ANNUAL	AREA2	5
607127.8	4201328.22	41729.43169	71.3	71.3	0	ANNUAL	AREA2	5
607147.8	4201328.22	39832.40274	70.84	70.84	0	ANNUAL	AREA2	5
607167.8	4201328.22	38071.81146	70.46	70.46	0	ANNUAL	AREA2	5
607187.8	4201328.22	36452.23187	70.5	70.5	0	ANNUAL	AREA2	5
607207.8	4201328.22	34939.88972	70.57	70.57	0	ANNUAL	AREA2	5
607227.8	4201328.22	33515.65311	70.45	70.45	0	ANNUAL	AREA2	5

607167.8	4201188.22	30894.12683	72.24	72.24	0	ANNUAL	AREA3	5
607187.8	4201188.22	30061.28311	72.04	72.04	0	ANNUAL	AREA3	5
607207.8	4201188.22	29261.09104	71.85	71.85	0	ANNUAL	AREA3	5
607227.8	4201188.22	28492.03289	71.65	71.65	0	ANNUAL	AREA3	5
607247.8	4201188.22	27754.05043	71.49	71.49	0	ANNUAL	AREA3	5
607267.8	4201188.22	27045.44724	71.34	71.34	0	ANNUAL	AREA3	5
607287.8	4201188.22	26363.91913	71.14	71.14	0	ANNUAL	AREA3	5
607307.8	4201188.22	25708.95699	70.91	70.91	0	ANNUAL	AREA3	5
606527.8	4201208.22	66899.30271	78.74	78.74	0	ANNUAL	AREA3	5
606547.8	4201208.22	65863.11821	78.6	78.6	0	ANNUAL	AREA3	5
606567.8	4201208.22	64822.58384	78.52	78.52	0	ANNUAL	AREA3	5
606587.8	4201208.22	63757.4179	78.41	78.41	0	ANNUAL	AREA3	5
606607.8	4201208.22	62682.8944	78.3	78.3	0	ANNUAL	AREA3	5
606627.8	4201208.22	61572.81285	78.14	78.14	0	ANNUAL	AREA3	5
606647.8	4201208.22	60438.06775	77.94	77.94	0	ANNUAL	AREA3	5
606667.8	4201208.22	59257.08042	77.61	77.61	0	ANNUAL	AREA3	5
606687.8	4201208.22	58040.95178	77.37	77.37	0	ANNUAL	AREA3	5
606707.8	4201208.22	56787.57189	77.16	77.16	0	ANNUAL	AREA3	5
606727.8	4201208.22	55491.84912	76.85	76.85	0	ANNUAL	AREA3	5
606747.8	4201208.22	54172.99553	76.64	76.64	0	ANNUAL	AREA3	5
606767.8	4201208.22	52828.86909	76.4	76.4	0	ANNUAL	AREA3	5
606787.8	4201208.22	51475.02324	76.21	76.21	0	ANNUAL	AREA3	5
606807.8	4201208.22	50113.17756	75.94	75.94	0	ANNUAL	AREA3	5
606827.8	4201208.22	48759.79381	75.73	75.73	0	ANNUAL	AREA3	5
606847.8	4201208.22	47420.30381	75.51	75.51	0	ANNUAL	AREA3	5
606867.8	4201208.22	46106.56685	75.39	75.39	0	ANNUAL	AREA3	5
606887.8	4201208.22	44817.58965	75.23	75.23	0	ANNUAL	AREA3	5
606907.8	4201208.22	43555.73187	74.98	74.98	0	ANNUAL	AREA3	5
606927.8	4201208.22	42327.60955	74.73	74.73	0	ANNUAL	AREA3	5
606947.8	4201208.22	41136.78968	74.54	74.54	0	ANNUAL	AREA3	5
606967.8	4201208.22	39981.13677	74.34	74.34	0	ANNUAL	AREA3	5
606987.8	4201208.22	38860.743	74.13	74.13	0	ANNUAL	AREA3	5
607007.8	4201208.22	37776.10999	73.93	73.93	0	ANNUAL	AREA3	5
607027.8	4201208.22	36722.48929	73.61	73.61	0	ANNUAL	AREA3	5
607047.8	4201208.22	35706.98688	73.41	73.41	0	ANNUAL	AREA3	5
607067.8	4201208.22	34724.24897	73.18	73.18	0	ANNUAL	AREA3	5
607087.8	4201208.22	33774.1134	72.94	72.94	0	ANNUAL	AREA3	5
607107.8	4201208.22	32859.4415	72.82	72.82	0	ANNUAL	AREA3	5
607127.8	4201208.22	31974.44058	72.63	72.63	0	ANNUAL	AREA3	5
607147.8	4201208.22	31120.52495	72.44	72.44	0	ANNUAL	AREA3	5
607167.8	4201208.22	30296.53512	72.24	72.24	0	ANNUAL	AREA3	5
607187.8	4201208.22	29501.93939	72.03	72.03	0	ANNUAL	AREA3	5
607207.8	4201208.22	28735.17984	71.77	71.77	0	ANNUAL	AREA3	5
607227.8	4201208.22	27998.71049	71.6	71.6	0	ANNUAL	AREA3	5
607247.8	4201208.22	27289.3693	71.42	71.42	0	ANNUAL	AREA3	5
607267.8	4201208.22	26608.86148	71.35	71.35	0	ANNUAL	AREA3	5
607287.8	4201208.22	25951.20829	71.14	71.14	0	ANNUAL	AREA3	5
607307.8	4201208.22	25318.75465	70.94	70.94	0	ANNUAL	AREA3	5
606527.8	4201228.22	63630.31668	78.86	78.86	0	ANNUAL	AREA3	5
606547.8	4201228.22	62663.3302	78.74	78.74	0	ANNUAL	AREA3	5
606567.8	4201228.22	61688.25015	78.59	78.59	0	ANNUAL	AREA3	5
606587.8	4201228.22	60698.33136	78.55	78.55	0	ANNUAL	AREA3	5
606607.8	4201228.22	59694.56575	78.37	78.37	0	ANNUAL	AREA3	5
606627.8	4201228.22	58664.37526	78.2	78.2	0	ANNUAL	AREA3	5
606647.8	4201228.22	57612.07841	77.92	77.92	0	ANNUAL	AREA3	5
606667.8	4201228.22	56527.79625	77.63	77.63	0	ANNUAL	AREA3	5
606687.8	4201228.22	55415.99757	77.44	77.44	0	ANNUAL	AREA3	5
606707.8	4201228.22	54271.74434	77.24	77.24	0	ANNUAL	AREA3	5
606727.8	4201228.22	53093.59797	76.99	76.99	0	ANNUAL	AREA3	5
606747.8	4201228.22	51889.18128	76.71	76.71	0	ANNUAL	AREA3	5
606767.8	4201228.22	50663.1852	76.44	76.44	0	ANNUAL	AREA3	5
606787.8	4201228.22	49425.13884	76.18	76.18	0	ANNUAL	AREA3	5
606807.8	4201228.22	48178.97448	75.88	75.88	0	ANNUAL	AREA3	5
606827.8	4201228.22	46937.65273	75.64	75.64	0	ANNUAL	AREA3	5
606847.8	4201228.22	45707.69694	75.44	75.44	0	ANNUAL	AREA3	5
606867.8	4201228.22	44493.17222	75.22	75.22	0	ANNUAL	AREA3	5
606887.8	4201228.22	43296.56907	74.91	74.91	0	ANNUAL	AREA3	5
606907.8	4201228.22	42137.43891	74.9	74.9	0	ANNUAL	AREA3	5
606927.8	4201228.22	41000.31392	74.73	74.73	0	ANNUAL	AREA3	5
606947.8	4201228.22	39890.87675	74.49	74.49	0	ANNUAL	AREA3	5
606967.8	4201228.22	38812.01945	74.23	74.23	0	ANNUAL	AREA3	5
606987.8	4201228.22	37766.99298	74.04	74.04	0	ANNUAL	AREA3	5
607007.8	4201228.22	36750.84139	73.77	73.77	0	ANNUAL	AREA3	5
607027.8	4201228.22	35762.91405	73.41	73.41	0	ANNUAL	AREA3	5
607047.8	4201228.22	34810.9962	73.23	73.23	0	ANNUAL	AREA3	5
607067.8	4201228.22	33888.34348	73.03	73.03	0	ANNUAL	AREA3	5
607087.8	4201228.22	32994.92108	72.84	72.84	0	ANNUAL	AREA3	5
607107.8	4201228.22	32132.09283	72.73	72.73	0	ANNUAL	AREA3	5
607127.8	4201228.22	31294.32096	72.51	72.51	0	ANNUAL	AREA3	5
607147.8	4201228.22	30487.25819	72.42	72.42	0	ANNUAL	AREA3	5
607167.8	4201228.22	29702.56869	72.15	72.15	0	ANNUAL	AREA3	5
607187.8	4201228.22	28945.99577	71.95	71.95	0	ANNUAL	AREA3	5
607207.8	4201228.22	28214.13429	71.7	71.7	0	ANNUAL	AREA3	5
607227.8	4201228.22	27509.56449	71.54	71.54	0	ANNUAL	AREA3	5
607247.8	4201228.22	26828.78729	71.34	71.34	0	ANNUAL	AREA3	5
607267.8	4201228.22	26174.0183	71.23	71.23	0	ANNUAL	AREA3	5
607287.8	4201228.22	25542.6279	71.12	71.12	0	ANNUAL	AREA3	5
607307.8	4201228.22	24932.68364	70.94	70.94	0	ANNUAL	AREA3	5
606527.8	4201248.22	60639.91143	79.03	79.03	0	ANNUAL	AREA3	5
606547.8	4201248.22	59733.99603	78.85	78.85	0	ANNUAL	AREA3	5
606567.8	4201248.22	58820.23509	78.65	78.65	0	ANNUAL	AREA3	5
606587.8	4201248.22	57892.78291	78.53	78.53	0	ANNUAL	AREA3	5
606607.8	4201248.22	56959.06843	78.41	78.41	0	ANNUAL	AREA3	5
606627.8	4201248.22	55996.2203	78.13	78.13	0	ANNUAL	AREA3	5
606647.8	4201248.22	55021.18315	77.87	77.87	0	ANNUAL	AREA3	5
606667.8	4201248.22	54025.33772	77.71	77.71	0	ANNUAL	AREA3	5
606687.8	4201248.22	53002.94841	77.54	77.54	0	ANNUAL	AREA3	5
606707.8	4201248.22	51947.12464	77.21	77.21	0	ANNUAL	AREA3	5
606727.8	4201248.22	50869.84039	77	77	0	ANNUAL	AREA3	5
606747.8	4201248.22	49768.68817	76.73	76.73	0	ANNUAL	AREA3	5
606767.8	4201248.22	48644.2752	76.4	76.4	0	ANNUAL	AREA3	5
606787.8	4201248.22	47514.24511	76.21	76.21	0	ANNUAL	AREA3	5
606807.8	4201248.22	46368.97177	75.85	75.85	0	ANNUAL	AREA3	5
606827.8	4201248.22	45228.00435	75.6	75.6	0	ANNUAL	AREA3	5
606847.8	4201248.22	44093.83007	75.37	75.37	0	ANNUAL	AREA3	5
606867.8	4201248.22	42974.28077	75.2	75.2	0	ANNUAL	AREA3	5
606887.8	4201248.22	41868.09205	74.94	74.94	0	ANNUAL	AREA3	5
606907.8	4201248.22	40785.38232	74.74	74.74	0	ANNUAL	AREA3	5
606927.8	4201248.22	39726.07358	74.52	74.52	0	ANNUAL	AREA3	5
606947.8	4201248.22	38696.72389	74.41	74.41	0	ANNUAL	AREA3	5
606967.8	4201248.22	37692.12357	74.23	74.23	0	ANNUAL	AREA3	5
606987.8	4201248.22	36713.90946	74.01	74.01	0	ANNUAL	AREA3	5
607007.8	4201248.22	35759.22588	73.64	73.64	0	ANNUAL	AREA3	5
607027.8	4201248.22	34832.42907	73.27	73.27	0	ANNUAL	AREA3	5
607047.8	4201248.22	33937.47303	73.05	73.05	0	ANNUAL	AREA3	5
607067.8	4201248.22	33071.32487	72.91	72.91	0	ANNUAL	AREA3	5
607087.8	4201248.22	32229.44014	72.71	72.71	0	ANNUAL	AREA3	5
607107.8	4201248.22	31414.85787	72.58	72.58	0	ANNUAL	AREA3	5
607127.8	4201248.22	30623.2185	72.38	72.38	0	ANNUAL	AREA3	5
607147.8	4201248.22	29856.52695	72.2	72.2	0	ANNUAL	AREA3	5
607167.8	4201248.22	29114.66282	72.06	72.06	0	ANNUAL	AREA3	5
607187.8	4201248.22	28394.82085	71.86	71.86	0	ANNUAL	AREA3	5
607207.8	4201248.22	27697.66138	71.64	71.64	0	ANNUAL	AREA3	5
607227.8	4201248.22	27024.4462	71.48	71.48	0	ANNUAL	AREA3	5
607247.8	4201248.22	26373.7891	71.34	71.34	0	ANNUAL	AREA3	5
607267.8	4201248.22	25743.61222	71.14	71.14	0	ANNUAL	AREA3	5
607287.8	4201248.22	25136.98998	71.05	71.05	0	ANNUAL	AREA3	5
607307.8	4201248.22	24549.94405	70.91	70.91	0	ANNUAL	AREA3	5
606527.8	4201268.22	57888.05394	79.16	79.16	0	ANNUAL	AREA3	5
606547.8	4201268.22	57040.30246	78.95	78.95	0	ANNUAL	AREA3	5
606567.8	4201268.22	56185.07133	78.73	78.73	0	ANNUAL	AREA3	5
606587.8	4201268.22	55315.89912	78.54	78.54	0	ANNUAL	AREA3	5
606607.8	4201268.22	54439.20148	78.3	78.3	0	ANNUAL	AREA3	5
606627.8	4201268.22	53545.49811	78.11	78.11	0	ANNUAL	AREA3	5
606647.8	4201268.22	52640.41397	77.89	77.89	0	ANNUAL	AREA3	5
606667.8	4201268.22	51717.13405	77.72	77.72	0	ANNUAL	AREA3	5
606687.8	4201268.22	50765.48468	77.38	77.38	0	ANNUAL	AREA3	5
606707.8	4201268.22	49797.21152	77.17	77.17	0	ANNUAL	AREA3	5
606727.8	4201268.22	48802.4997	76.86	76.86	0	ANNUAL	AREA3	5
606747.8	4201268.22	47787.54965	76.52	76.52	0	ANNUAL	AREA3	5
606767.8	4201268.22	46766.39471	76.43	76.43	0	ANNUAL	AREA3	5
606787.8	4201268.22	45727.19952	76.24	76.24	0	ANNUAL	AREA3	5
606807.8	4201268.22	44675.18356	75.91	75.91	0	ANNUAL	AREA3	5
606827.8	4201268.22	43623.51489	75.65	75.65	0	ANNUAL	AREA3	5
606847.8	4201268.22	42575.86953	75.41	75.41	0	ANNUAL	AREA3	5
606867.8	4201268.22	41537.66857	75.19	75.19	0	ANNUAL	AREA3	5
606887.8	4201268.22	40512.06391	74.95	74.95	0	ANNUAL	AREA3	5
606907.8	4201268.22	39504.88463	74.74	74.74	0	ANNUAL	AREA3	5
606927.8	4201268.22	38518.29685	74.54	74.54	0	ANNUAL	AREA3	5
606947.8	4201268.22	37554.2457	74.34	74.34	0	ANNUAL	AREA3	5
606967.8	4201268.22	36614.11027	74.14	74.14	0	ANNUAL	AREA3	5
606987.8	4201268.22	35697.2852	73.9	73.9	0	ANNUAL	AREA3	5
607007.8	4201268.22	34800.31664	73.49	73.49	0	ANNUAL	AREA3	5
607027.8	4201268.22	33930.08316	73.13	73.13	0	ANNUAL	AREA3	5
607047.8	4201268.22	33089.72181	72.95	72.95	0	ANNUAL	AREA3	5
607067.8	4201268.22	32271.60541	72.71	72.71	0	ANNUAL	AREA3	5
607087.8	4201268.22	31480.43791	72.6	72.6	0	ANNUAL	AREA3	5
607107.8	4201268.22	30711.78514	72.48	72.48	0	ANNUAL	AREA3	5
607127.8	4201268.22	29962.48147	72.25	72.25	0	ANNUAL	AREA3	5
607147.8	4201268.22	29232.61732	71.92	71.92	0	ANNUAL	AREA3	5
607167.8	4201268.22	28531.80552	71.9	71.9	0	ANNUAL	AREA3	5
607187.8	4201268.22	27849.15478	71.77	71.77	0	ANNUAL	AREA3	5
607207.8	4201268.22	27184.45247	71.52	71.52	0	ANNUAL	AREA3	5
607227.8	4201268.22	26540.85957	71.31	71.31	0	ANNUAL	AREA3	5
607247.8	4201268.22	25919.76289	71.22	71.22	0	ANNUAL	AREA3	5
607267.8	4201268.22	25315.65215	71.01	71.01	0	ANNUAL	AREA3	5
607287.8	4201268.22	24733.56025	70.94	70.94	0	ANNUAL	AREA3	5
607307.8	4201268.22	24171.1412	70.92	70.92	0	ANNUAL	AREA3	5
606527.8	4201288.22	55346.23773	79.35	79.35	0	ANNUAL	AREA3	5
606547.8	4201288.22	54552.52443	79.03	79.03	0	ANNUAL	AREA3	5
606567.8	4201288.22	53749.8736	78.73	78.73	0	ANNUAL	AREA3	5
606587.8	4201288.22	52931.30649	78.37	78.37	0	ANNUAL	AREA3	5
606607.8	4201288.22	52109.44856	78.07	78.07	0	ANNUAL	AREA3	5
606627.8	4201288.22	51275.79033	77.89	77.89	0	ANNUAL	AREA3	5
606647.8	4201288.22	50434.76436	77.73	77.73	0	ANNUAL	AREA3	5
606667.8	4201288.22	49574.09535	77.49	77.49	0	ANNUAL	AREA3	5
606687.8	4201288.22	48695.81118	77.26	77.26	0	ANNUAL	AREA3	5
606707.8	4201288.22	47794.60205	76.91	76.91	0	ANNUAL	AREA3	5
606727.8	4201288.22	46882.85942	76.75	76.75	0	ANNUAL	AREA3	5
606747.8	4201288.22	45948.93938	76.48	76.48	0	ANNUAL	AREA3	5
606767.8	4201288.22	45005.34021	76.32	76.32	0	ANNUAL	AREA3	5
606787.8	4201288.22	44049.95446	76.19	76.19	0	ANNUAL	AREA3	5
606807.8	4201288.22	43085.03792	76	76	0	ANNUAL	AREA3	5
606827.8	4201288.22	42113.93921	75.75	75.75	0	ANNUAL	AREA3	5
606847.8	4201288.22	41142.05591	75.45	75.45	0	ANNUAL	AREA3	5
606867.8	4201288.22	40180.32147	75.26	75.26	0	ANNUAL	AREA3	5
606887.8	4201288.22	39227.73622	75.04	75.04	0	ANNUAL	AREA3	5
606907.8	4201288.22	38286.92351	74.76	74.76	0	ANNUAL	AREA3	5
606927.8	4201288.22	37363.82174	74.5	74.5	0	ANNUAL	AREA3	5
606947.8	4201288.22	36460.18446	74.24	74.24	0	ANNUAL	AREA3	5
606967.8	4201288.22	35579.70799	74.05	74.05	0	ANNUAL	AREA3	5
606987.8	4201288.22	34718.30434	73.77	73.77	0	ANNUAL	AREA3	5
607007.8	4201288.22	33875.47815	73.36	73.36	0	ANNUAL	AREA3	5
607027.8	4201288.22	33057.65396	73.03	73.03	0	ANNUAL	AREA3	5
607047.8	4201288.22	32266.45464	72.85	72.85	0	ANNUAL	AREA3	5
607067.8	4201288.22	31496.07397	72.64	72.64	0	ANNUAL	AREA3	5
607087.8	4201288.22	30747.41327	72.45	72.45	0	ANNUAL	AREA3	5
607107.8	4201288.22	30021.40233	72.33	72.33	0	ANNUAL	AREA3	5
607127.8	4201288.22	29310.07201	72	72	0	ANNUAL	AREA3	5
607147.8	4201288.22	28618.72322	71.67	71.67	0	ANNUAL	AREA3	5
607167.8	4201288.22	27951.60524	71.54	71.54	0	ANNUAL	AREA3	5
607187.8	4201288.22	27305.65772	71.52	71.52	0	ANNUAL	AREA3	5
607207.8	4201288.22	26674.92318	71.36	71.36	0	ANNUAL	AREA3	5
607227.8	4201288.22	26059.69848	71.08	71.08	0	ANNUAL	AREA3	5
607247.8	4201288.22	25465.75789	70.95	70.95	0	ANNUAL	AREA3	5
607267.8	4201288.22	24891.09916	70.91	70.91	0	ANNUAL	AREA3	5
607287.8	4201288.22	24332.79017	70.83	70.83	0	ANNUAL	AREA3	5
607307.8	4201288.22	23792.69769	70.82	70.82	0	ANNUAL	AREA3	5
606527.8	4201308.22	52989.82844	79.46	79.46	0	ANNUAL	AREA3	5
606547.8	4201308.22	52246.56561	79.1	79.1	0	ANNUAL	AREA3	5
606567.8	4201308.22	51488.57357	78.58	78.58	0	ANNUAL	AREA3	5
606587.8	4201308.22	50718.59762	78.1	78.1	0	ANNUAL	AREA3	5
606607.8	4201308.22	49952.50461	77.87	77.87	0	ANNUAL	AREA3	5
606627.8	4201308.22	49166.76446	77.51	77.51	0	ANNUAL	AREA3	5
606647.8	4201308.22	48380.16182	77.3	77.3	0	ANNUAL	AREA3	5
606667.8	4201308.22	47583.14379	77.18	77.18	0	ANNUAL	AREA3	5
606687.8	4201308.22	46770.20399	77.04	77.04	0	ANNUAL	AREA3	5
606707.8	4201308.22	45938.79566	76.82	76.82	0	ANNUAL	AREA3	5
606727.8	4201308.22	45093.60996	76.64	76.64	0	ANNUAL	AREA3	5
606747.8	4201308.22	44227.5107	76.32	76.32	0	ANNUAL	AREA3	5
606767.8	4201308.22	43357.16402	76.21	76.21	0	ANNUAL	AREA3	5
606787.8	4201308.22	42475.98326	76.13	76.13	0	ANNUAL	AREA3	5
606807.8	4201308.22	41586.94965	76.03	76.03	0	ANNUAL	AREA3	5
606827.8	4201308.22	40686.54817	75.75	75.75	0	ANNUAL	AREA3	5
606847.8	4201308.22	39788.50074	75.54	75.54	0	ANNUAL	AREA3	5
606867.8	4201308.22	38892.56869	75.29	75.29	0	ANNUAL	AREA3	5
606887.8	4201308.22	38006.8643	75.11	75.11	0	ANNUAL	AREA3	5
606907.8	4201308.22	37129.25556	74.84	74.84	0	ANNUAL	AREA3	5
606927.8	4201308.22	36266.39123	74.59	74.59	0	ANNUAL	AREA3	5
606947.8	4201308.22	35416.60888	74.23	74.23	0	ANNUAL	AREA3	5
606967.8	4201308.22	34590.75302	74.05	74.05	0	ANNUAL	AREA3	5
606987.8	4201308.22	33776.91347	73.63	73.63	0	ANNUAL	AREA3	5
607007.8	4201308.22	32985.06689	73.27	73.27	0	ANNUAL	AREA3	5
607027.8	4201308.22	32215.39909	72.97	72.97	0	ANNUAL	AREA3	5
607047.8	4201308.22	31470.15759	72.82	72.82	0	ANNUAL	AREA3	5
607067.8	4201308.22	30741.38136	72.55	72.55	0	ANNUAL	AREA3	5
607087.8	4201308.22	30033.43263	72.33	72.33	0	ANNUAL	AREA3	5
607107.8	4201308.22	29341.43703	71.99	71.99	0	ANNUAL	AREA3	5
607127.8	4201308.22	28670.5142	71.76	71.76	0	ANNUAL	AREA3	5
607147.8	4201308.22	28014.78269	71.41	71.41	0	ANNUAL	AREA3	5
607167.8	4201308.22	27377.36643	71.09	71.09	0	ANNUAL	AREA3	5
607187.8	4201308.22	26764.64532	71.09	71.09	0	ANNUAL	AREA3	5
607207.8	4201308.22	26166.58742	71.01	71.01	0	ANNUAL	AREA3	5
607227.8	4201308.22	25581.48815	70.78	70.78	0	ANNUAL	AREA3	5
607247.8	4201308.22	25014.88569	70.66	70.66	0	ANNUAL	AREA3	5
607267.8	4201308.22	24466.15686	70.65	70.65	0	ANNUAL	AREA3	5
607287.8	4201308.22	23933.18899	70.65	70.65	0	ANNUAL	AREA3	5
607307.8	4201308.22	23416.1193	70.69	70.69	0	ANNUAL	AREA3	5
606527.8	4201328.22	50796.01254	79.49	79.49	0	ANNUAL	AREA3	5
606547.8	4201328.22	50096.57677	78.98	78.98	0	ANNUAL	AREA3	5
606567.8	4201328.22	49383.74664	78.36	78.36	0	ANNUAL	AREA3	5
606587.8	4201328.22	48653.39935	77.62	77.62	0	ANNUAL	AREA3	5
606607.8	4201328.22	47921.54507	77.02	77.02	0	ANNUAL	AREA3	5
606627.8	4201328.22	47187.4174	76.69	76.69	0	ANNUAL	AREA3	5
606647.8	4201328.22	46459.40334	76.64	76.64	0	ANNUAL	AREA3	5
606667.8	4201328.22	45720.32219	76.62	76.62	0	ANNUAL	AREA3	5
606687.8	4201328.22	44968.52934	76.61	76.61	0	ANNUAL	AREA3	5
606707.8	4201328.22	44207.13161	76.7	76.7	0	ANNUAL	AREA3	5
606727.8	4201328.22	43422.24791	76.52	76.52	0	ANNUAL	AREA3	5
606747.8	4201328.22	42623.25466	76.33	76.33	0	ANNUAL	AREA3	5
606767.8	4201328.22	41810.0245	76.05	76.05	0	ANNUAL	AREA3	5
606787.8	4201328.22	40991.04889	75.91	75.91	0	ANNUAL	AREA3	5
606807.8	4201328.22	40168.72803	75.86	75.86	0	ANNUAL	AREA3	5
606827.8	4201328.22	39338.3968	75.73	75.73	0	ANNUAL	AREA3	5
606847.8	4201328.22	38504.28695	75.54	75.54	0	ANNUAL	AREA3	5
606867.8	4201328.22	37671.9849	75.34	75.34	0	ANNUAL	AREA3	5
606887.8	4201328.22	36843.9159	75.1	75.1	0	ANNUAL	AREA3	5
606907.8	4201328.22	36026.34236	74.91	74.91	0	ANNUAL	AREA3	5
606927.8	4201328.22	35218.30183	74.66	74.66	0	ANNUAL	AREA3	5
606947.8	4201328.22	34422.36825	74.35	74.35	0	ANNUAL	AREA3	5
606967.8	4201328.22	33641.97697	74.03	74.03	0	ANNUAL	AREA3	5
606987.8	4201328.22	32879.16098	73.72	73.72	0	ANNUAL	AREA3	5
607007.8	4201328.22	32131.5553	73.32	73.32	0	ANNUAL	AREA3	5
607027.8	4201328.22	31402.51103	72.92	72.92	0	ANNUAL	AREA3	5
607047.8	4201328.22	30700.42439	72.83	72.83	0	ANNUAL	AREA3	5
607067.8	4201328.22	30011.2404	72.55	72.55	0	ANNUAL	AREA3	5
607087.8	4201328.22	29336.34107	72.13	72.13	0	ANNUAL	AREA3	5
607107.8	4201328.22	28680.65049	71.77	71.77	0	ANNUAL	AREA3	5
607127.8	4201328.22	28039.0498	71.3	71.3	0	ANNUAL	AREA3	5
607147.8	4201328.22	27414.45181	70.84	70.84	0	ANNUAL	AREA3	5
607167.8	4201328.22	26808.06443	70.46	70.46	0	ANNUAL	AREA3	5
607187.8	4201328.22	26227.34356	70.5	70.5	0	ANNUAL	AREA3	5
607207.8	4201328.22	25662.1753	70.57	70.57	0	ANNUAL	AREA3	5
607227.8	4201328.22	25107.33104	70.45	70.45	0	ANNUAL	AREA3	5

607167.8	4201188.22	0.10686	72.24	72.24	0	ANNUAL	ROAD1	5
607187.8	4201188.22	0.11975	72.04	72.04	0	ANNUAL	ROAD1	5
607207.8	4201188.22	0.13473	71.85	71.85	0	ANNUAL	ROAD1	5
607227.8	4201188.22	0.15241	71.65	71.65	0	ANNUAL	ROAD1	5
607247.8	4201188.22	0.17329	71.49	71.49	0	ANNUAL	ROAD1	5
607267.8	4201188.22	0.19864	71.34	71.34	0	ANNUAL	ROAD1	5
607287.8	4201188.22	0.23124	71.14	71.14	0	ANNUAL	ROAD1	5
607307.8	4201188.22	0.27233	70.91	70.91	0	ANNUAL	ROAD1	5
606527.8	4201208.22	0.01487	78.74	78.74	0	ANNUAL	ROAD1	5
606547.8	4201208.22	0.01534	78.6	78.6	0	ANNUAL	ROAD1	5
606567.8	4201208.22	0.01583	78.52	78.52	0	ANNUAL	ROAD1	5
606587.8	4201208.22	0.01635	78.41	78.41	0	ANNUAL	ROAD1	5
606607.8	4201208.22	0.01691	78.3	78.3	0	ANNUAL	ROAD1	5
606627.8	4201208.22	0.01751	78.14	78.14	0	ANNUAL	ROAD1	5
606647.8	4201208.22	0.01817	77.94	77.94	0	ANNUAL	ROAD1	5
606667.8	4201208.22	0.0189	77.61	77.61	0	ANNUAL	ROAD1	5
606687.8	4201208.22	0.01967	77.37	77.37	0	ANNUAL	ROAD1	5
606707.8	4201208.22	0.02048	77.16	77.16	0	ANNUAL	ROAD1	5
606727.8	4201208.22	0.02138	76.85	76.85	0	ANNUAL	ROAD1	5
606747.8	4201208.22	0.02232	76.64	76.64	0	ANNUAL	ROAD1	5
606767.8	4201208.22	0.02335	76.4	76.4	0	ANNUAL	ROAD1	5
606787.8	4201208.22	0.02446	76.21	76.21	0	ANNUAL	ROAD1	5
606807.8	4201208.22	0.02569	75.94	75.94	0	ANNUAL	ROAD1	5
606827.8	4201208.22	0.02702	75.73	75.73	0	ANNUAL	ROAD1	5
606847.8	4201208.22	0.02872	75.51	75.51	0	ANNUAL	ROAD1	5
606867.8	4201208.22	0.03047	75.39	75.39	0	ANNUAL	ROAD1	5
606887.8	4201208.22	0.03236	75.23	75.23	0	ANNUAL	ROAD1	5
606907.8	4201208.22	0.03443	74.98	74.98	0	ANNUAL	ROAD1	5
606927.8	4201208.22	0.03663	74.73	74.73	0	ANNUAL	ROAD1	5
606947.8	4201208.22	0.03898	74.54	74.54	0	ANNUAL	ROAD1	5
606967.8	4201208.22	0.0416	74.34	74.34	0	ANNUAL	ROAD1	5
606987.8	4201208.22	0.04455	74.13	74.13	0	ANNUAL	ROAD1	5
607007.8	4201208.22	0.0479	73.93	73.93	0	ANNUAL	ROAD1	5
607027.8	4201208.22	0.0518	73.61	73.61	0	ANNUAL	ROAD1	5
607047.8	4201208.22	0.05617	73.41	73.41	0	ANNUAL	ROAD1	5
607067.8	4201208.22	0.06122	73.18	73.18	0	ANNUAL	ROAD1	5
607087.8	4201208.22	0.06703	72.94	72.94	0	ANNUAL	ROAD1	5
607107.8	4201208.22	0.07353	72.82	72.82	0	ANNUAL	ROAD1	5
607127.8	4201208.22	0.08099	72.63	72.63	0	ANNUAL	ROAD1	5
607147.8	4201208.22	0.08942	72.44	72.44	0	ANNUAL	ROAD1	5
607167.8	4201208.22	0.09893	72.24	72.24	0	ANNUAL	ROAD1	5
607187.8	4201208.22	0.10964	72.03	72.03	0	ANNUAL	ROAD1	5
607207.8	4201208.22	0.12191	71.77	71.77	0	ANNUAL	ROAD1	5
607227.8	4201208.22	0.13558	71.6	71.6	0	ANNUAL	ROAD1	5
607247.8	4201208.22	0.15153	71.42	71.42	0	ANNUAL	ROAD1	5
607267.8	4201208.22	0.17012	71.35	71.35	0	ANNUAL	ROAD1	5
607287.8	4201208.22	0.1944	71.14	71.14	0	ANNUAL	ROAD1	5
607307.8	4201208.22	0.22396	70.94	70.94	0	ANNUAL	ROAD1	5
606527.8	4201228.22	0.01437	78.86	78.86	0	ANNUAL	ROAD1	5
606547.8	4201228.22	0.01482	78.74	78.74	0	ANNUAL	ROAD1	5
606567.8	4201228.22	0.0153	78.59	78.59	0	ANNUAL	ROAD1	5
606587.8	4201228.22	0.01579	78.55	78.55	0	ANNUAL	ROAD1	5
606607.8	4201228.22	0.01634	78.37	78.37	0	ANNUAL	ROAD1	5
606627.8	4201228.22	0.01692	78.2	78.2	0	ANNUAL	ROAD1	5
606647.8	4201228.22	0.01757	77.92	77.92	0	ANNUAL	ROAD1	5
606667.8	4201228.22	0.01826	77.63	77.63	0	ANNUAL	ROAD1	5
606687.8	4201228.22	0.01898	77.44	77.44	0	ANNUAL	ROAD1	5
606707.8	4201228.22	0.01975	77.24	77.24	0	ANNUAL	ROAD1	5
606727.8	4201228.22	0.0206	76.99	76.99	0	ANNUAL	ROAD1	5
606747.8	4201228.22	0.02153	76.71	76.71	0	ANNUAL	ROAD1	5
606767.8	4201228.22	0.02253	76.44	76.44	0	ANNUAL	ROAD1	5
606787.8	4201228.22	0.02362	76.18	76.18	0	ANNUAL	ROAD1	5
606807.8	4201228.22	0.02482	75.88	75.88	0	ANNUAL	ROAD1	5
606827.8	4201228.22	0.02611	75.64	75.64	0	ANNUAL	ROAD1	5
606847.8	4201228.22	0.02786	75.44	75.44	0	ANNUAL	ROAD1	5
606867.8	4201228.22	0.02958	75.22	75.22	0	ANNUAL	ROAD1	5
606887.8	4201228.22	0.03146	74.91	74.91	0	ANNUAL	ROAD1	5
606907.8	4201228.22	0.03322	74.9	74.9	0	ANNUAL	ROAD1	5
606927.8	4201228.22	0.03523	74.73	74.73	0	ANNUAL	ROAD1	5
606947.8	4201228.22	0.03749	74.49	74.49	0	ANNUAL	ROAD1	5
606967.8	4201228.22	0.04003	74.23	74.23	0	ANNUAL	ROAD1	5
606987.8	4201228.22	0.04285	74.04	74.04	0	ANNUAL	ROAD1	5
607007.8	4201228.22	0.04609	73.77	73.77	0	ANNUAL	ROAD1	5
607027.8	4201228.22	0.04983	73.41	73.41	0	ANNUAL	ROAD1	5
607047.8	4201228.22	0.05397	73.23	73.23	0	ANNUAL	ROAD1	5
607067.8	4201228.22	0.0587	73.03	73.03	0	ANNUAL	ROAD1	5
607087.8	4201228.22	0.06404	72.84	72.84	0	ANNUAL	ROAD1	5
607107.8	4201228.22	0.06994	72.73	72.73	0	ANNUAL	ROAD1	5
607127.8	4201228.22	0.07662	72.51	72.51	0	ANNUAL	ROAD1	5
607147.8	4201228.22	0.08381	72.42	72.42	0	ANNUAL	ROAD1	5
607167.8	4201228.22	0.09196	72.15	72.15	0	ANNUAL	ROAD1	5
607187.8	4201228.22	0.10075	71.95	71.95	0	ANNUAL	ROAD1	5
607207.8	4201228.22	0.11053	71.7	71.7	0	ANNUAL	ROAD1	5
607227.8	4201228.22	0.1212	71.54	71.54	0	ANNUAL	ROAD1	5
607247.8	4201228.22	0.13378	71.34	71.34	0	ANNUAL	ROAD1	5
607267.8	4201228.22	0.14861	71.23	71.23	0	ANNUAL	ROAD1	5
607287.8	4201228.22	0.16682	71.12	71.12	0	ANNUAL	ROAD1	5
607307.8	4201228.22	0.18887	70.94	70.94	0	ANNUAL	ROAD1	5
606527.8	4201248.22	0.01391	79.03	79.03	0	ANNUAL	ROAD1	5
606547.8	4201248.22	0.01435	78.85	78.85	0	ANNUAL	ROAD1	5
606567.8	4201248.22	0.01483	78.65	78.65	0	ANNUAL	ROAD1	5
606587.8	4201248.22	0.01531	78.53	78.53	0	ANNUAL	ROAD1	5
606607.8	4201248.22	0.01583	78.41	78.41	0	ANNUAL	ROAD1	5
606627.8	4201248.22	0.01641	78.13	78.13	0	ANNUAL	ROAD1	5
606647.8	4201248.22	0.01703	77.87	77.87	0	ANNUAL	ROAD1	5
606667.8	4201248.22	0.01767	77.71	77.71	0	ANNUAL	ROAD1	5
606687.8	4201248.22	0.01836	77.54	77.54	0	ANNUAL	ROAD1	5
606707.8	4201248.22	0.01914	77.21	77.21	0	ANNUAL	ROAD1	5
606727.8	4201248.22	0.01995	77	77	0	ANNUAL	ROAD1	5
606747.8	4201248.22	0.02084	76.73	76.73	0	ANNUAL	ROAD1	5
606767.8	4201248.22	0.02183	76.4	76.4	0	ANNUAL	ROAD1	5
606787.8	4201248.22	0.02286	76.21	76.21	0	ANNUAL	ROAD1	5
606807.8	4201248.22	0.02405	75.85	75.85	0	ANNUAL	ROAD1	5
606827.8	4201248.22	0.0253	75.6	75.6	0	ANNUAL	ROAD1	5
606847.8	4201248.22	0.02709	75.37	75.37	0	ANNUAL	ROAD1	5
606867.8	4201248.22	0.02865	75.2	75.2	0	ANNUAL	ROAD1	5
606887.8	4201248.22	0.03038	74.94	74.94	0	ANNUAL	ROAD1	5
606907.8	4201248.22	0.03215	74.74	74.74	0	ANNUAL	ROAD1	5
606927.8	4201248.22	0.0341	74.52	74.52	0	ANNUAL	ROAD1	5
606947.8	4201248.22	0.03623	74.41	74.41	0	ANNUAL	ROAD1	5
606967.8	4201248.22	0.03863	74.23	74.23	0	ANNUAL	ROAD1	5
606987.8	4201248.22	0.04136	74.01	74.01	0	ANNUAL	ROAD1	5
607007.8	4201248.22	0.04453	73.64	73.64	0	ANNUAL	ROAD1	5
607027.8	4201248.22	0.04812	73.27	73.27	0	ANNUAL	ROAD1	5
607047.8	4201248.22	0.05208	73.05	73.05	0	ANNUAL	ROAD1	5
607067.8	4201248.22	0.05646	72.91	72.91	0	ANNUAL	ROAD1	5
607087.8	4201248.22	0.06138	72.71	72.71	0	ANNUAL	ROAD1	5
607107.8	4201248.22	0.06672	72.58	72.58	0	ANNUAL	ROAD1	5
607127.8	4201248.22	0.07259	72.38	72.38	0	ANNUAL	ROAD1	5
607147.8	4201248.22	0.07889	72.2	72.2	0	ANNUAL	ROAD1	5
607167.8	4201248.22	0.08552	72.06	72.06	0	ANNUAL	ROAD1	5
607187.8	4201248.22	0.09266	71.86	71.86	0	ANNUAL	ROAD1	5
607207.8	4201248.22	0.10041	71.64	71.64	0	ANNUAL	ROAD1	5
607227.8	4201248.22	0.10894	71.48	71.48	0	ANNUAL	ROAD1	5
607247.8	4201248.22	0.11891	71.34	71.34	0	ANNUAL	ROAD1	5
607267.8	4201248.22	0.13127	71.14	71.14	0	ANNUAL	ROAD1	5
607287.8	4201248.22	0.14564	71.05	71.05	0	ANNUAL	ROAD1	5
607307.8	4201248.22	0.16239	70.91	70.91	0	ANNUAL	ROAD1	5
606527.8	4201268.22	0.0135	79.16	79.16	0	ANNUAL	ROAD1	5
606547.8	4201268.22	0.01393	78.95	78.95	0	ANNUAL	ROAD1	5
606567.8	4201268.22	0.01439	78.73	78.73	0	ANNUAL	ROAD1	5
606587.8	4201268.22	0.01487	78.54	78.54	0	ANNUAL	ROAD1	5
606607.8	4201268.22	0.01539	78.3	78.3	0	ANNUAL	ROAD1	5
606627.8	4201268.22	0.01594	78.11	78.11	0	ANNUAL	ROAD1	5
606647.8	4201268.22	0.01653	77.89	77.89	0	ANNUAL	ROAD1	5
606667.8	4201268.22	0.01715	77.72	77.72	0	ANNUAL	ROAD1	5
606687.8	4201268.22	0.01786	77.38	77.38	0	ANNUAL	ROAD1	5
606707.8	4201268.22	0.0186	77.17	77.17	0	ANNUAL	ROAD1	5
606727.8	4201268.22	0.01941	76.86	76.86	0	ANNUAL	ROAD1	5
606747.8	4201268.22	0.02031	76.52	76.52	0	ANNUAL	ROAD1	5
606767.8	4201268.22	0.0212	76.43	76.43	0	ANNUAL	ROAD1	5
606787.8	4201268.22	0.0222	76.24	76.24	0	ANNUAL	ROAD1	5
606807.8	4201268.22	0.02334	75.91	75.91	0	ANNUAL	ROAD1	5
606827.8	4201268.22	0.02456	75.65	75.65	0	ANNUAL	ROAD1	5
606847.8	4201268.22	0.02623	75.41	75.41	0	ANNUAL	ROAD1	5
606867.8	4201268.22	0.0278	75.19	75.19	0	ANNUAL	ROAD1	5
606887.8	4201268.22	0.02944	74.95	74.95	0	ANNUAL	ROAD1	5
606907.8	4201268.22	0.03115	74.74	74.74	0	ANNUAL	ROAD1	5
606927.8	4201268.22	0.03304	74.54	74.54	0	ANNUAL	ROAD1	5
606947.8	4201268.22	0.03513	74.34	74.34	0	ANNUAL	ROAD1	5
606967.8	4201268.22	0.03747	74.14	74.14	0	ANNUAL	ROAD1	5
606987.8	4201268.22	0.04013	73.9	73.9	0	ANNUAL	ROAD1	5
607007.8	4201268.22	0.0432	73.49	73.49	0	ANNUAL	ROAD1	5
607027.8	4201268.22	0.04663	73.13	73.13	0	ANNUAL	ROAD1	5
607047.8	4201268.22	0.05034	72.95	72.95	0	ANNUAL	ROAD1	5
607067.8	4201268.22	0.05448	72.71	72.71	0	ANNUAL	ROAD1	5
607087.8	4201268.22	0.05889	72.6	72.6	0	ANNUAL	ROAD1	5
607107.8	4201268.22	0.06363	72.48	72.48	0	ANNUAL	ROAD1	5
607127.8	4201268.22	0.06877	72.25	72.25	0	ANNUAL	ROAD1	5
607147.8	4201268.22	0.07429	71.92	71.92	0	ANNUAL	ROAD1	5
607167.8	4201268.22	0.0796	71.9	71.9	0	ANNUAL	ROAD1	5
607187.8	4201268.22	0.08527	71.77	71.77	0	ANNUAL	ROAD1	5
607207.8	4201268.22	0.09163	71.52	71.52	0	ANNUAL	ROAD1	5
607227.8	4201268.22	0.09881	71.31	71.31	0	ANNUAL	ROAD1	5
607247.8	4201268.22	0.10703	71.22	71.22	0	ANNUAL	ROAD1	5
607267.8	4201268.22	0.11727	71.01	71.01	0	ANNUAL	ROAD1	5
607287.8	4201268.22	0.12866	70.94	70.94	0	ANNUAL	ROAD1	5
607307.8	4201268.22	0.1417	70.92	70.92	0	ANNUAL	ROAD1	5
606527.8	4201288.22	0.0131	79.35	79.35	0	ANNUAL	ROAD1	5
606547.8	4201288.22	0.01354	79.03	79.03	0	ANNUAL	ROAD1	5
606567.8	4201288.22	0.014	78.73	78.73	0	ANNUAL	ROAD1	5
606587.8	4201288.22	0.0145	78.37	78.37	0	ANNUAL	ROAD1	5
606607.8	4201288.22	0.01502	78.07	78.07	0	ANNUAL	ROAD1	5
606627.8	4201288.22	0.01556	77.89	77.89	0	ANNUAL	ROAD1	5
606647.8	4201288.22	0.01612	77.73	77.73	0	ANNUAL	ROAD1	5
606667.8	4201288.22	0.01675	77.49	77.49	0	ANNUAL	ROAD1	5
606687.8	4201288.22	0.01742	77.26	77.26	0	ANNUAL	ROAD1	5
606707.8	4201288.22	0.01817	76.91	76.91	0	ANNUAL	ROAD1	5
606727.8	4201288.22	0.01893	76.75	76.75	0	ANNUAL	ROAD1	5
606747.8	4201288.22	0.01979	76.48	76.48	0	ANNUAL	ROAD1	5
606767.8	4201288.22	0.02069	76.32	76.32	0	ANNUAL	ROAD1	5
606787.8	4201288.22	0.02165	76.19	76.19	0	ANNUAL	ROAD1	5
606807.8	4201288.22	0.02272	76	76	0	ANNUAL	ROAD1	5
606827.8	4201288.22	0.0239	75.75	75.75	0	ANNUAL	ROAD1	5
606847.8	4201288.22	0.02551	75.45	75.45	0	ANNUAL	ROAD1	5
606867.8	4201288.22	0.027	75.26	75.26	0	ANNUAL	ROAD1	5
606887.8	4201288.22	0.02857	75.04	75.04	0	ANNUAL	ROAD1	5
606907.8	4201288.22	0.03027	74.76	74.76	0	ANNUAL	ROAD1	5
606927.8	4201288.22	0.03213	74.5	74.5	0	ANNUAL	ROAD1	5
606947.8	4201288.22	0.0342	74.24	74.24	0	ANNUAL	ROAD1	5
606967.8	4201288.22	0.03648	74.05	74.05	0	ANNUAL	ROAD1	5
606987.8	4201288.22	0.03907	73.77	73.77	0	ANNUAL	ROAD1	5
607007.8	4201288.22	0.04203	73.36	73.36	0	ANNUAL	ROAD1	5
607027.8	4201288.22	0.04527	73.03	73.03	0	ANNUAL	ROAD1	5
607047.8	4201288.22	0.04874	72.85	72.85	0	ANNUAL	ROAD1	5
607067.8	4201288.22	0.05252	72.64	72.64	0	ANNUAL	ROAD1	5
607087.8	4201288.22	0.05654	72.45	72.45	0	ANNUAL	ROAD1	5
607107.8	4201288.22	0.0607	72.33	72.33	0	ANNUAL	ROAD1	5
607127.8	4201288.22	0.0652	72	72	0	ANNUAL	ROAD1	5
607147.8	4201288.22	0.06983	71.67	71.67	0	ANNUAL	ROAD1	5
607167.8	4201288.22	0.07433	71.54	71.54	0	ANNUAL	ROAD1	5
607187.8	4201288.22	0.07884	71.52	71.52	0	ANNUAL	ROAD1	5
607207.8	4201288.22	0.08401	71.36	71.36	0	ANNUAL	ROAD1	5
607227.8	4201288.22	0.09031	71.08	71.08	0	ANNUAL	ROAD1	5
607247.8	4201288.22	0.09736	70.95	70.95	0	ANNUAL	ROAD1	5
607267.8	4201288.22	0.10543	70.91	70.91	0	ANNUAL	ROAD1	5
607287.8	4201288.22	0.11476	70.83	70.83	0	ANNUAL	ROAD1	5
607307.8	4201288.22	0.12528	70.82	70.82	0	ANNUAL	ROAD1	5
606527.8	4201308.22	0.01275	79.46	79.46	0	ANNUAL	ROAD1	5
606547.8	4201308.22	0.01319	79.1	79.1	0	ANNUAL	ROAD1	5
606567.8	4201308.22	0.01367	78.58	78.58	0	ANNUAL	ROAD1	5
606587.8	4201308.22	0.01419	78.1	78.1	0	ANNUAL	ROAD1	5
606607.8	4201308.22	0.01469	77.87	77.87	0	ANNUAL	ROAD1	5
606627.8	4201308.22	0.01525	77.51	77.51	0	ANNUAL	ROAD1	5
606647.8	4201308.22	0.01582	77.3	77.3	0	ANNUAL	ROAD1	5
606667.8	4201308.22	0.01641	77.18	77.18	0	ANNUAL	ROAD1	5
606687.8	4201308.22	0.01705	77.04	77.04	0	ANNUAL	ROAD1	5
606707.8	4201308.22	0.01776	76.82	76.82	0	ANNUAL	ROAD1	5
606727.8	4201308.22	0.01852	76.64	76.64	0	ANNUAL	ROAD1	5
606747.8	4201308.22	0.01937	76.32	76.32	0	ANNUAL	ROAD1	5
606767.8	4201308.22	0.02024	76.21	76.21	0	ANNUAL	ROAD1	5
606787.8	4201308.22	0.02118	76.13	76.13	0	ANNUAL	ROAD1	5
606807.8	4201308.22	0.02219	76.03	76.03	0	ANNUAL	ROAD1	5
606827.8	4201308.22	0.02335	75.75	75.75	0	ANNUAL	ROAD1	5
606847.8	4201308.22	0.02462	75.54	75.54	0	ANNUAL	ROAD1	5
606867.8	4201308.22	0.02633	75.29	75.29	0	ANNUAL	ROAD1	5
606887.8	4201308.22	0.02781	75.11	75.11	0	ANNUAL	ROAD1	5
606907.8	4201308.22	0.02949	74.84	74.84	0	ANNUAL	ROAD1	5
606927.8	4201308.22	0.03131	74.59	74.59	0	ANNUAL	ROAD1	5
606947.8	4201308.22	0.03336	74.23	74.23	0	ANNUAL	ROAD1	5
606967.8	4201308.22	0.03558	74.05	74.05	0	ANNUAL	ROAD1	5
606987.8	4201308.22	0.03814	73.63	73.63	0	ANNUAL	ROAD1	5
607007.8	4201308.22	0.04095	73.27	73.27	0	ANNUAL	ROAD1	5
607027.8	4201308.22	0.04399	72.97	72.97	0	ANNUAL	ROAD1	5
607047.8	4201308.22	0.04718	72.82	72.82	0	ANNUAL	ROAD1	5
607067.8	4201308.22	0.05063	72.55	72.55	0	ANNUAL	ROAD1	5
607087.8	4201308.22	0.05421	72.33	72.33	0	ANNUAL	ROAD1	5
607107.8	4201308.22	0.05798	71.99	71.99	0	ANNUAL	ROAD1	5
607127.8	4201308.22	0.06171	71.76	71.76	0	ANNUAL	ROAD1	5
607147.8	4201308.22	0.06559	71.41	71.41	0	ANNUAL	ROAD1	5
607167.8	4201308.22	0.06957	71.09	71.09	0	ANNUAL	ROAD1	5
607187.8	4201308.22	0.07334	71.09	71.09	0	ANNUAL	ROAD1	5
607207.8	4201308.22	0.07769	71.01	71.01	0	ANNUAL	ROAD1	5
607227.8	4201308.22	0.08284	70.78	70.78	0	ANNUAL	ROAD1	5
607247.8	4201308.22	0.08878	70.66	70.66	0	ANNUAL	ROAD1	5
607267.8	4201308.22	0.09557	70.65	70.65	0	ANNUAL	ROAD1	5
607287.8	4201308.22	0.10327	70.65	70.65	0	ANNUAL	ROAD1	5
607307.8	4201308.22	0.11189	70.69	70.69	0	ANNUAL	ROAD1	5
606527.8	4201328.22	0.01245	79.49	79.49	0	ANNUAL	ROAD1	5
606547.8	4201328.22	0.01289	78.98	78.98	0	ANNUAL	ROAD1	5
606567.8	4201328.22	0.01339	78.36	78.36	0	ANNUAL	ROAD1	5
606587.8	4201328.22	0.01394	77.62	77.62	0	ANNUAL	ROAD1	5
606607.8	4201328.22	0.01451	77.02	77.02	0	ANNUAL	ROAD1	5
606627.8	4201328.22	0.01506	76.69	76.69	0	ANNUAL	ROAD1	5
606647.8	4201328.22	0.0156	76.64	76.64	0	ANNUAL	ROAD1	5
606667.8	4201328.22	0.01617	76.62	76.62	0	ANNUAL	ROAD1	5
606687.8	4201328.22	0.01677	76.61	76.61	0	ANNUAL	ROAD1	5
606707.8	4201328.22	0.01741	76.7	76.7	0	ANNUAL	ROAD1	5
606727.8	4201328.22	0.01816	76.52	76.52	0	ANNUAL	ROAD1	5
606747.8	4201328.22	0.01897	76.33	76.33	0	ANNUAL	ROAD1	5
606767.8	4201328.22	0.01987	76.05	76.05	0	ANNUAL	ROAD1	5
606787.8	4201328.22	0.0208	75.91	75.91	0	ANNUAL	ROAD1	5
606807.8	4201328.22	0.02179	75.86	75.86	0	ANNUAL	ROAD1	5
606827.8	4201328.22	0.02288	75.73	75.73	0	ANNUAL	ROAD1	5
606847.8	4201328.22	0.02411	75.54	75.54	0	ANNUAL	ROAD1	5
606867.8	4201328.22	0.02571	75.34	75.34	0	ANNUAL	ROAD1	5
606887.8	4201328.22	0.0272	75.1	75.1	0	ANNUAL	ROAD1	5
606907.8	4201328.22	0.02883	74.91	74.91	0	ANNUAL	ROAD1	5
606927.8	4201328.22	0.03061	74.66	74.66	0	ANNUAL	ROAD1	5
606947.8	4201328.22	0.0326	74.35	74.35	0	ANNUAL	ROAD1	5
606967.8	4201328.22	0.0348	74.03	74.03	0	ANNUAL	ROAD1	5
606987.8	4201328.22	0.03721	73.72	73.72	0	ANNUAL	ROAD1	5
607007.8	4201328.22	0.03988	73.32	73.32	0	ANNUAL	ROAD1	5
607027.8	4201328.22	0.04275	72.92	72.92	0	ANNUAL	ROAD1	5
607047.8	4201328.22	0.04563	72.83	72.83	0	ANNUAL	ROAD1	5
607067.8	4201328.22	0.04871	72.55	72.55	0	ANNUAL	ROAD1	5
607087.8	4201328.22	0.05195	72.13	72.13	0	ANNUAL	ROAD1	5
607107.8	4201328.22	0.05518	71.77	71.77	0	ANNUAL	ROAD1	5
607127.8	4201328.22	0.05852	71.3	71.3	0	ANNUAL	ROAD1	5
607147.8	4201328.22	0.06182	70.84	70.84	0	ANNUAL	ROAD1	5
607167.8	4201328.22	0.06493	70.46	70.46	0	ANNUAL	ROAD1	5
607187.8	4201328.22	0.06815	70.5	70.5	0	ANNUAL	ROAD1	5
607207.8	4201328.22	0.07184	70.57	70.57	0	ANNUAL	ROAD1	5
607227.8	4201328.22	0.07625	70.45	70.45	0	ANNUAL	ROAD1	5

607167.8	4201188.22	0.10955	72.24	72.24	0	ANNUAL	ROAD2	5
607187.8	4201188.22	0.12353	72.04	72.04	0	ANNUAL	ROAD2	5
607207.8	4201188.22	0.1402	71.85	71.85	0	ANNUAL	ROAD2	5
607227.8	4201188.22	0.1605	71.65	71.65	0	ANNUAL	ROAD2	5
607247.8	4201188.22	0.18523	71.49	71.49	0	ANNUAL	ROAD2	5
607267.8	4201188.22	0.21573	71.34	71.34	0	ANNUAL	ROAD2	5
607287.8	4201188.22	0.25489	71.14	71.14	0	ANNUAL	ROAD2	5
607307.8	4201188.22	0.30614	70.91	70.91	0	ANNUAL	ROAD2	5
606527.8	4201208.22	0.01511	78.74	78.74	0	ANNUAL	ROAD2	5
606547.8	4201208.22	0.01559	78.6	78.6	0	ANNUAL	ROAD2	5
606567.8	4201208.22	0.01609	78.52	78.52	0	ANNUAL	ROAD2	5
606587.8	4201208.22	0.01663	78.41	78.41	0	ANNUAL	ROAD2	5
606607.8	4201208.22	0.0172	78.3	78.3	0	ANNUAL	ROAD2	5
606627.8	4201208.22	0.01781	78.14	78.14	0	ANNUAL	ROAD2	5
606647.8	4201208.22	0.01848	77.94	77.94	0	ANNUAL	ROAD2	5
606667.8	4201208.22	0.01923	77.61	77.61	0	ANNUAL	ROAD2	5
606687.8	4201208.22	0.02001	77.37	77.37	0	ANNUAL	ROAD2	5
606707.8	4201208.22	0.02083	77.16	77.16	0	ANNUAL	ROAD2	5
606727.8	4201208.22	0.02175	76.85	76.85	0	ANNUAL	ROAD2	5
606747.8	4201208.22	0.02271	76.64	76.64	0	ANNUAL	ROAD2	5
606767.8	4201208.22	0.02376	76.4	76.4	0	ANNUAL	ROAD2	5
606787.8	4201208.22	0.02488	76.21	76.21	0	ANNUAL	ROAD2	5
606807.8	4201208.22	0.02613	75.94	75.94	0	ANNUAL	ROAD2	5
606827.8	4201208.22	0.02748	75.73	75.73	0	ANNUAL	ROAD2	5
606847.8	4201208.22	0.02899	75.51	75.51	0	ANNUAL	ROAD2	5
606867.8	4201208.22	0.03088	75.39	75.39	0	ANNUAL	ROAD2	5
606887.8	4201208.22	0.03285	75.23	75.23	0	ANNUAL	ROAD2	5
606907.8	4201208.22	0.03503	74.98	74.98	0	ANNUAL	ROAD2	5
606927.8	4201208.22	0.03728	74.73	74.73	0	ANNUAL	ROAD2	5
606947.8	4201208.22	0.03966	74.54	74.54	0	ANNUAL	ROAD2	5
606967.8	4201208.22	0.04231	74.34	74.34	0	ANNUAL	ROAD2	5
606987.8	4201208.22	0.04528	74.13	74.13	0	ANNUAL	ROAD2	5
607007.8	4201208.22	0.04864	73.93	73.93	0	ANNUAL	ROAD2	5
607027.8	4201208.22	0.05254	73.61	73.61	0	ANNUAL	ROAD2	5
607047.8	4201208.22	0.05692	73.41	73.41	0	ANNUAL	ROAD2	5
607067.8	4201208.22	0.062	73.18	73.18	0	ANNUAL	ROAD2	5
607087.8	4201208.22	0.06787	72.94	72.94	0	ANNUAL	ROAD2	5
607107.8	4201208.22	0.07449	72.82	72.82	0	ANNUAL	ROAD2	5
607127.8	4201208.22	0.08222	72.63	72.63	0	ANNUAL	ROAD2	5
607147.8	4201208.22	0.09109	72.44	72.44	0	ANNUAL	ROAD2	5
607167.8	4201208.22	0.10131	72.24	72.24	0	ANNUAL	ROAD2	5
607187.8	4201208.22	0.11314	72.03	72.03	0	ANNUAL	ROAD2	5
607207.8	4201208.22	0.12708	71.77	71.77	0	ANNUAL	ROAD2	5
607227.8	4201208.22	0.14307	71.6	71.6	0	ANNUAL	ROAD2	5
607247.8	4201208.22	0.16192	71.42	71.42	0	ANNUAL	ROAD2	5
607267.8	4201208.22	0.18364	71.35	71.35	0	ANNUAL	ROAD2	5
607287.8	4201208.22	0.21185	71.14	71.14	0	ANNUAL	ROAD2	5
607307.8	4201208.22	0.24764	70.94	70.94	0	ANNUAL	ROAD2	5
606527.8	4201228.22	0.01459	78.86	78.86	0	ANNUAL	ROAD2	5
606547.8	4201228.22	0.01505	78.74	78.74	0	ANNUAL	ROAD2	5
606567.8	4201228.22	0.01554	78.59	78.59	0	ANNUAL	ROAD2	5
606587.8	4201228.22	0.01603	78.55	78.55	0	ANNUAL	ROAD2	5
606607.8	4201228.22	0.01659	78.37	78.37	0	ANNUAL	ROAD2	5
606627.8	4201228.22	0.01718	78.2	78.2	0	ANNUAL	ROAD2	5
606647.8	4201228.22	0.01784	77.92	77.92	0	ANNUAL	ROAD2	5
606667.8	4201228.22	0.01855	77.63	77.63	0	ANNUAL	ROAD2	5
606687.8	4201228.22	0.01928	77.44	77.44	0	ANNUAL	ROAD2	5
606707.8	4201228.22	0.02006	77.24	77.24	0	ANNUAL	ROAD2	5
606727.8	4201228.22	0.02092	76.99	76.99	0	ANNUAL	ROAD2	5
606747.8	4201228.22	0.02186	76.71	76.71	0	ANNUAL	ROAD2	5
606767.8	4201228.22	0.02287	76.44	76.44	0	ANNUAL	ROAD2	5
606787.8	4201228.22	0.02397	76.18	76.18	0	ANNUAL	ROAD2	5
606807.8	4201228.22	0.02518	75.88	75.88	0	ANNUAL	ROAD2	5
606827.8	4201228.22	0.02648	75.64	75.64	0	ANNUAL	ROAD2	5
606847.8	4201228.22	0.02795	75.44	75.44	0	ANNUAL	ROAD2	5
606867.8	4201228.22	0.02998	75.22	75.22	0	ANNUAL	ROAD2	5
606887.8	4201228.22	0.0319	74.91	74.91	0	ANNUAL	ROAD2	5
606907.8	4201228.22	0.03368	74.9	74.9	0	ANNUAL	ROAD2	5
606927.8	4201228.22	0.03574	74.73	74.73	0	ANNUAL	ROAD2	5
606947.8	4201228.22	0.03801	74.49	74.49	0	ANNUAL	ROAD2	5
606967.8	4201228.22	0.04056	74.23	74.23	0	ANNUAL	ROAD2	5
606987.8	4201228.22	0.04338	74.04	74.04	0	ANNUAL	ROAD2	5
607007.8	4201228.22	0.0466	73.77	73.77	0	ANNUAL	ROAD2	5
607027.8	4201228.22	0.05033	73.41	73.41	0	ANNUAL	ROAD2	5
607047.8	4201228.22	0.05447	73.23	73.23	0	ANNUAL	ROAD2	5
607067.8	4201228.22	0.05922	73.03	73.03	0	ANNUAL	ROAD2	5
607087.8	4201228.22	0.06462	72.84	72.84	0	ANNUAL	ROAD2	5
607107.8	4201228.22	0.07068	72.73	72.73	0	ANNUAL	ROAD2	5
607127.8	4201228.22	0.07767	72.51	72.51	0	ANNUAL	ROAD2	5
607147.8	4201228.22	0.08535	72.42	72.42	0	ANNUAL	ROAD2	5
607167.8	4201228.22	0.09429	72.15	72.15	0	ANNUAL	ROAD2	5
607187.8	4201228.22	0.10423	71.95	71.95	0	ANNUAL	ROAD2	5
607207.8	4201228.22	0.11556	71.7	71.7	0	ANNUAL	ROAD2	5
607227.8	4201228.22	0.12807	71.54	71.54	0	ANNUAL	ROAD2	5
607247.8	4201228.22	0.14256	71.34	71.34	0	ANNUAL	ROAD2	5
607267.8	4201228.22	0.15933	71.23	71.23	0	ANNUAL	ROAD2	5
607287.8	4201228.22	0.18007	71.12	71.12	0	ANNUAL	ROAD2	5
607307.8	4201228.22	0.2063	70.94	70.94	0	ANNUAL	ROAD2	5
606527.8	4201248.22	0.01411	79.03	79.03	0	ANNUAL	ROAD2	5
606547.8	4201248.22	0.01456	78.85	78.85	0	ANNUAL	ROAD2	5
606567.8	4201248.22	0.01503	78.65	78.65	0	ANNUAL	ROAD2	5
606587.8	4201248.22	0.01553	78.53	78.53	0	ANNUAL	ROAD2	5
606607.8	4201248.22	0.01605	78.41	78.41	0	ANNUAL	ROAD2	5
606627.8	4201248.22	0.01664	78.13	78.13	0	ANNUAL	ROAD2	5
606647.8	4201248.22	0.01727	77.87	77.87	0	ANNUAL	ROAD2	5
606667.8	4201248.22	0.01792	77.71	77.71	0	ANNUAL	ROAD2	5
606687.8	4201248.22	0.01861	77.54	77.54	0	ANNUAL	ROAD2	5
606707.8	4201248.22	0.0194	77.21	77.21	0	ANNUAL	ROAD2	5
606727.8	4201248.22	0.02022	77	77	0	ANNUAL	ROAD2	5
606747.8	4201248.22	0.02112	76.73	76.73	0	ANNUAL	ROAD2	5
606767.8	4201248.22	0.02212	76.4	76.4	0	ANNUAL	ROAD2	5
606787.8	4201248.22	0.02315	76.21	76.21	0	ANNUAL	ROAD2	5
606807.8	4201248.22	0.02434	75.85	75.85	0	ANNUAL	ROAD2	5
606827.8	4201248.22	0.0256	75.6	75.6	0	ANNUAL	ROAD2	5
606847.8	4201248.22	0.02731	75.37	75.37	0	ANNUAL	ROAD2	5
606867.8	4201248.22	0.02895	75.2	75.2	0	ANNUAL	ROAD2	5
606887.8	4201248.22	0.03073	74.94	74.94	0	ANNUAL	ROAD2	5
606907.8	4201248.22	0.03254	74.74	74.74	0	ANNUAL	ROAD2	5
606927.8	4201248.22	0.0345	74.52	74.52	0	ANNUAL	ROAD2	5
606947.8	4201248.22	0.03661	74.41	74.41	0	ANNUAL	ROAD2	5
606967.8	4201248.22	0.039	74.23	74.23	0	ANNUAL	ROAD2	5
606987.8	4201248.22	0.04172	74.01	74.01	0	ANNUAL	ROAD2	5
607007.8	4201248.22	0.04486	73.64	73.64	0	ANNUAL	ROAD2	5
607027.8	4201248.22	0.04843	73.27	73.27	0	ANNUAL	ROAD2	5
607047.8	4201248.22	0.05239	73.05	73.05	0	ANNUAL	ROAD2	5
607067.8	4201248.22	0.0568	72.91	72.91	0	ANNUAL	ROAD2	5
607087.8	4201248.22	0.06182	72.71	72.71	0	ANNUAL	ROAD2	5
607107.8	4201248.22	0.06737	72.58	72.58	0	ANNUAL	ROAD2	5
607127.8	4201248.22	0.07361	72.38	72.38	0	ANNUAL	ROAD2	5
607147.8	4201248.22	0.08047	72.2	72.2	0	ANNUAL	ROAD2	5
607167.8	4201248.22	0.08793	72.06	72.06	0	ANNUAL	ROAD2	5
607187.8	4201248.22	0.09618	71.86	71.86	0	ANNUAL	ROAD2	5
607207.8	4201248.22	0.10522	71.64	71.64	0	ANNUAL	ROAD2	5
607227.8	4201248.22	0.11503	71.48	71.48	0	ANNUAL	ROAD2	5
607247.8	4201248.22	0.12616	71.34	71.34	0	ANNUAL	ROAD2	5
607267.8	4201248.22	0.13982	71.14	71.14	0	ANNUAL	ROAD2	5
607287.8	4201248.22	0.156	71.05	71.05	0	ANNUAL	ROAD2	5
607307.8	4201248.22	0.17574	70.91	70.91	0	ANNUAL	ROAD2	5
606527.8	4201268.22	0.01367	79.16	79.16	0	ANNUAL	ROAD2	5
606547.8	4201268.22	0.01411	78.95	78.95	0	ANNUAL	ROAD2	5
606567.8	4201268.22	0.01457	78.73	78.73	0	ANNUAL	ROAD2	5
606587.8	4201268.22	0.01506	78.54	78.54	0	ANNUAL	ROAD2	5
606607.8	4201268.22	0.01559	78.3	78.3	0	ANNUAL	ROAD2	5
606627.8	4201268.22	0.01614	78.11	78.11	0	ANNUAL	ROAD2	5
606647.8	4201268.22	0.01674	77.89	77.89	0	ANNUAL	ROAD2	5
606667.8	4201268.22	0.01737	77.72	77.72	0	ANNUAL	ROAD2	5
606687.8	4201268.22	0.01808	77.38	77.38	0	ANNUAL	ROAD2	5
606707.8	4201268.22	0.01882	77.17	77.17	0	ANNUAL	ROAD2	5
606727.8	4201268.22	0.01964	76.86	76.86	0	ANNUAL	ROAD2	5
606747.8	4201268.22	0.02054	76.52	76.52	0	ANNUAL	ROAD2	5
606767.8	4201268.22	0.02143	76.43	76.43	0	ANNUAL	ROAD2	5
606787.8	4201268.22	0.02244	76.24	76.24	0	ANNUAL	ROAD2	5
606807.8	4201268.22	0.02358	75.91	75.91	0	ANNUAL	ROAD2	5
606827.8	4201268.22	0.0248	75.65	75.65	0	ANNUAL	ROAD2	5
606847.8	4201268.22	0.02637	75.41	75.41	0	ANNUAL	ROAD2	5
606867.8	4201268.22	0.02803	75.19	75.19	0	ANNUAL	ROAD2	5
606887.8	4201268.22	0.02972	74.95	74.95	0	ANNUAL	ROAD2	5
606907.8	4201268.22	0.03145	74.74	74.74	0	ANNUAL	ROAD2	5
606927.8	4201268.22	0.03332	74.54	74.54	0	ANNUAL	ROAD2	5
606947.8	4201268.22	0.03539	74.34	74.34	0	ANNUAL	ROAD2	5
606967.8	4201268.22	0.03771	74.14	74.14	0	ANNUAL	ROAD2	5
606987.8	4201268.22	0.04034	73.9	73.9	0	ANNUAL	ROAD2	5
607007.8	4201268.22	0.04338	73.49	73.49	0	ANNUAL	ROAD2	5
607027.8	4201268.22	0.0468	73.13	73.13	0	ANNUAL	ROAD2	5
607047.8	4201268.22	0.05052	72.95	72.95	0	ANNUAL	ROAD2	5
607067.8	4201268.22	0.05473	72.71	72.71	0	ANNUAL	ROAD2	5
607087.8	4201268.22	0.05929	72.6	72.6	0	ANNUAL	ROAD2	5
607107.8	4201268.22	0.0643	72.48	72.48	0	ANNUAL	ROAD2	5
607127.8	4201268.22	0.06987	72.25	72.25	0	ANNUAL	ROAD2	5
607147.8	4201268.22	0.07602	71.92	71.92	0	ANNUAL	ROAD2	5
607167.8	4201268.22	0.08214	71.9	71.9	0	ANNUAL	ROAD2	5
607187.8	4201268.22	0.08876	71.77	71.77	0	ANNUAL	ROAD2	5
607207.8	4201268.22	0.09608	71.52	71.52	0	ANNUAL	ROAD2	5
607227.8	4201268.22	0.10408	71.31	71.31	0	ANNUAL	ROAD2	5
607247.8	4201268.22	0.11301	71.22	71.22	0	ANNUAL	ROAD2	5
607267.8	4201268.22	0.12423	71.01	71.01	0	ANNUAL	ROAD2	5
607287.8	4201268.22	0.13714	70.94	70.94	0	ANNUAL	ROAD2	5
607307.8	4201268.22	0.15214	70.92	70.92	0	ANNUAL	ROAD2	5
606527.8	4201288.22	0.01326	79.35	79.35	0	ANNUAL	ROAD2	5
606547.8	4201288.22	0.0137	79.03	79.03	0	ANNUAL	ROAD2	5
606567.8	4201288.22	0.01417	78.73	78.73	0	ANNUAL	ROAD2	5
606587.8	4201288.22	0.01467	78.37	78.37	0	ANNUAL	ROAD2	5
606607.8	4201288.22	0.0152	78.07	78.07	0	ANNUAL	ROAD2	5
606627.8	4201288.22	0.01573	77.89	77.89	0	ANNUAL	ROAD2	5
606647.8	4201288.22	0.0163	77.73	77.73	0	ANNUAL	ROAD2	5
606667.8	4201288.22	0.01693	77.49	77.49	0	ANNUAL	ROAD2	5
606687.8	4201288.22	0.0176	77.26	77.26	0	ANNUAL	ROAD2	5
606707.8	4201288.22	0.01835	76.91	76.91	0	ANNUAL	ROAD2	5
606727.8	4201288.22	0.01912	76.75	76.75	0	ANNUAL	ROAD2	5
606747.8	4201288.22	0.01997	76.48	76.48	0	ANNUAL	ROAD2	5
606767.8	4201288.22	0.02087	76.32	76.32	0	ANNUAL	ROAD2	5
606787.8	4201288.22	0.02183	76.19	76.19	0	ANNUAL	ROAD2	5
606807.8	4201288.22	0.0229	76	76	0	ANNUAL	ROAD2	5
606827.8	4201288.22	0.02408	75.75	75.75	0	ANNUAL	ROAD2	5
606847.8	4201288.22	0.02543	75.45	75.45	0	ANNUAL	ROAD2	5
606867.8	4201288.22	0.02717	75.26	75.26	0	ANNUAL	ROAD2	5
606887.8	4201288.22	0.02877	75.04	75.04	0	ANNUAL	ROAD2	5
606907.8	4201288.22	0.03048	74.76	74.76	0	ANNUAL	ROAD2	5
606927.8	4201288.22	0.03232	74.5	74.5	0	ANNUAL	ROAD2	5
606947.8	4201288.22	0.03435	74.24	74.24	0	ANNUAL	ROAD2	5
606967.8	4201288.22	0.03661	74.05	74.05	0	ANNUAL	ROAD2	5
606987.8	4201288.22	0.03916	73.77	73.77	0	ANNUAL	ROAD2	5
607007.8	4201288.22	0.04209	73.36	73.36	0	ANNUAL	ROAD2	5
607027.8	4201288.22	0.04534	73.03	73.03	0	ANNUAL	ROAD2	5
607047.8	4201288.22	0.04886	72.85	72.85	0	ANNUAL	ROAD2	5
607067.8	4201288.22	0.05275	72.64	72.64	0	ANNUAL	ROAD2	5
607087.8	4201288.22	0.05698	72.45	72.45	0	ANNUAL	ROAD2	5
607107.8	4201288.22	0.06146	72.33	72.33	0	ANNUAL	ROAD2	5
607127.8	4201288.22	0.06644	72	72	0	ANNUAL	ROAD2	5
607147.8	4201288.22	0.07172	71.67	71.67	0	ANNUAL	ROAD2	5
607167.8	4201288.22	0.07696	71.54	71.54	0	ANNUAL	ROAD2	5
607187.8	4201288.22	0.0822	71.52	71.52	0	ANNUAL	ROAD2	5
607207.8	4201288.22	0.088	71.36	71.36	0	ANNUAL	ROAD2	5
607227.8	4201288.22	0.0948	71.08	71.08	0	ANNUAL	ROAD2	5
607247.8	4201288.22	0.10242	70.95	70.95	0	ANNUAL	ROAD2	5
607267.8	4201288.22	0.11128	70.91	70.91	0	ANNUAL	ROAD2	5
607287.8	4201288.22	0.12172	70.83	70.83	0	ANNUAL	ROAD2	5
607307.8	4201288.22	0.13368	70.82	70.82	0	ANNUAL	ROAD2	5
606527.8	4201308.22	0.0129	79.46	79.46	0	ANNUAL	ROAD2	5
606547.8	4201308.22	0.01333	79.1	79.1	0	ANNUAL	ROAD2	5
606567.8	4201308.22	0.01382	78.58	78.58	0	ANNUAL	ROAD2	5
606587.8	4201308.22	0.01434	78.1	78.1	0	ANNUAL	ROAD2	5
606607.8	4201308.22	0.01484	77.87	77.87	0	ANNUAL	ROAD2	5
606627.8	4201308.22	0.0154	77.51	77.51	0	ANNUAL	ROAD2	5
606647.8	4201308.22	0.01597	77.3	77.3	0	ANNUAL	ROAD2	5
606667.8	4201308.22	0.01656	77.18	77.18	0	ANNUAL	ROAD2	5
606687.8	4201308.22	0.0172	77.04	77.04	0	ANNUAL	ROAD2	5
606707.8	4201308.22	0.01791	76.82	76.82	0	ANNUAL	ROAD2	5
606727.8	4201308.22	0.01866	76.64	76.64	0	ANNUAL	ROAD2	5
606747.8	4201308.22	0.01952	76.32	76.32	0	ANNUAL	ROAD2	5
606767.8	4201308.22	0.02038	76.21	76.21	0	ANNUAL	ROAD2	5
606787.8	4201308.22	0.02131	76.13	76.13	0	ANNUAL	ROAD2	5
606807.8	4201308.22	0.02232	76.03	76.03	0	ANNUAL	ROAD2	5
606827.8	4201308.22	0.02347	75.75	75.75	0	ANNUAL	ROAD2	5
606847.8	4201308.22	0.02473	75.54	75.54	0	ANNUAL	ROAD2	5
606867.8	4201308.22	0.02643	75.29	75.29	0	ANNUAL	ROAD2	5
606887.8	4201308.22	0.02794	75.11	75.11	0	ANNUAL	ROAD2	5
606907.8	4201308.22	0.02962	74.84	74.84	0	ANNUAL	ROAD2	5
606927.8	4201308.22	0.0314	74.59	74.59	0	ANNUAL	ROAD2	5
606947.8	4201308.22	0.03342	74.23	74.23	0	ANNUAL	ROAD2	5
606967.8	4201308.22	0.03561	74.05	74.05	0	ANNUAL	ROAD2	5
606987.8	4201308.22	0.03815	73.63	73.63	0	ANNUAL	ROAD2	5
607007.8	4201308.22	0.04094	73.27	73.27	0	ANNUAL	ROAD2	5
607027.8	4201308.22	0.04401	72.97	72.97	0	ANNUAL	ROAD2	5
607047.8	4201308.22	0.04728	72.82	72.82	0	ANNUAL	ROAD2	5
607067.8	4201308.22	0.0509	72.55	72.55	0	ANNUAL	ROAD2	5
607087.8	4201308.22	0.05474	72.33	72.33	0	ANNUAL	ROAD2	5
607107.8	4201308.22	0.05888	71.99	71.99	0	ANNUAL	ROAD2	5
607127.8	4201308.22	0.06311	71.76	71.76	0	ANNUAL	ROAD2	5
607147.8	4201308.22	0.06759	71.41	71.41	0	ANNUAL	ROAD2	5
607167.8	4201308.22	0.07219	71.09	71.09	0	ANNUAL	ROAD2	5
607187.8	4201308.22	0.07647	71.09	71.09	0	ANNUAL	ROAD2	5
607207.8	4201308.22	0.0812	71.01	71.01	0	ANNUAL	ROAD2	5
607227.8	4201308.22	0.08675	70.78	70.78	0	ANNUAL	ROAD2	5
607247.8	4201308.22	0.09309	70.66	70.66	0	ANNUAL	ROAD2	5
607267.8	4201308.22	0.10049	70.65	70.65	0	ANNUAL	ROAD2	5
607287.8	4201308.22	0.10905	70.65	70.65	0	ANNUAL	ROAD2	5
607307.8	4201308.22	0.11877	70.69	70.69	0	ANNUAL	ROAD2	5
606527.8	4201328.22	0.01257	79.49	79.49	0	ANNUAL	ROAD2	5
606547.8	4201328.22	0.01302	78.98	78.98	0	ANNUAL	ROAD2	5
606567.8	4201328.22	0.01352	78.36	78.36	0	ANNUAL	ROAD2	5
606587.8	4201328.22	0.01407	77.62	77.62	0	ANNUAL	ROAD2	5
606607.8	4201328.22	0.01464	77.02	77.02	0	ANNUAL	ROAD2	5
606627.8	4201328.22	0.01519	76.69	76.69	0	ANNUAL	ROAD2	5
606647.8	4201328.22	0.01572	76.64	76.64	0	ANNUAL	ROAD2	5
606667.8	4201328.22	0.01629	76.62	76.62	0	ANNUAL	ROAD2	5
606687.8	4201328.22	0.01689	76.61	76.61	0	ANNUAL	ROAD2	5
606707.8	4201328.22	0.01752	76.7	76.7	0	ANNUAL	ROAD2	5
606727.8	4201328.22	0.01826	76.52	76.52	0	ANNUAL	ROAD2	5
606747.8	4201328.22	0.01907	76.33	76.33	0	ANNUAL	ROAD2	5
606767.8	4201328.22	0.01997	76.05	76.05	0	ANNUAL	ROAD2	5
606787.8	4201328.22	0.02089	75.91	75.91	0	ANNUAL	ROAD2	5
606807.8	4201328.22	0.02187	75.86	75.86	0	ANNUAL	ROAD2	5
606827.8	4201328.22	0.02295	75.73	75.73	0	ANNUAL	ROAD2	5
606847.8	4201328.22	0.02417	75.54	75.54	0	ANNUAL	ROAD2	5
606867.8	4201328.22	0.02574	75.34	75.34	0	ANNUAL	ROAD2	5
606887.8	4201328.22	0.02727	75.1	75.1	0	ANNUAL	ROAD2	5
606907.8	4201328.22	0.02886	74.91	74.91	0	ANNUAL	ROAD2	5
606927.8	4201328.22	0.03061	74.66	74.66	0	ANNUAL	ROAD2	5
606947.8	4201328.22	0.03258	74.35	74.35	0	ANNUAL	ROAD2	5
606967.8	4201328.22	0.03475	74.03	74.03	0	ANNUAL	ROAD2	5
606987.8	4201328.22	0.03716	73.72	73.72	0	ANNUAL	ROAD2	5
607007.8	4201328.22	0.03984	73.32	73.32	0	ANNUAL	ROAD2	5
607027.8	4201328.22	0.04277	72.92	72.92	0	ANNUAL	ROAD2	5
607047.8	4201328.22	0.04577	72.83	72.83	0	ANNUAL	ROAD2	5
607067.8	4201328.22	0.04906	72.55	72.55	0	ANNUAL	ROAD2	5
607087.8	4201328.22	0.0526	72.13	72.13	0	ANNUAL	ROAD2	5
607107.8	4201328.22	0.05623	71.77	71.77	0	ANNUAL	ROAD2	5
607127.8	4201328.22	0.06006	71.3	71.3	0	ANNUAL	ROAD2	5
607147.8	4201328.22	0.06393	70.84	70.84	0	ANNUAL	ROAD2	5
607167.8	4201328.22	0.06751	70.46	70.46	0	ANNUAL	ROAD2	5
607187.8	4201328.22	0.07106	70.5	70.5	0	ANNUAL	ROAD2	5
607207.8	4201328.22	0.07496	70.57	70.57	0	ANNUAL	ROAD2	5
607227.8	4201328.22	0.07957	70.45	70.45	0	ANNUAL	ROAD2	5

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607247.8	4201328.22	32182.95743	70.38	70.38	0	ANNUAL	AREA2	5
607267.8	4201328.22	30933.65852	70.35	70.35	0	ANNUAL	AREA2	5
607287.8	4201328.22	29766.31057	70.51	70.51	0	ANNUAL	AREA2	5
607307.8	4201328.22	28662.95871	70.55	70.55	0	ANNUAL	AREA2	5
606527.8	4201348.22	636453.3432	79.36	79.36	0	ANNUAL	AREA2	5
606547.8	4201348.22	543958.8099	78.49	78.49	0	ANNUAL	AREA2	5
606567.8	4201348.22	431197.5593	77.47	77.47	0	ANNUAL	AREA2	5
606587.8	4201348.22	356431.5656	76.69	76.69	0	ANNUAL	AREA2	5
606607.8	4201348.22	302842.6105	76.08	76.08	0	ANNUAL	AREA2	5
606627.8	4201348.22	262818.2522	75.84	75.84	0	ANNUAL	AREA2	5
606647.8	4201348.22	231433.6504	75.84	75.84	0	ANNUAL	AREA2	5
606667.8	4201348.22	205800.1365	75.88	75.88	0	ANNUAL	AREA2	5
606687.8	4201348.22	184409.8655	75.91	75.91	0	ANNUAL	AREA2	5
606707.8	4201348.22	166501.2083	76.14	76.14	0	ANNUAL	AREA2	5
606727.8	4201348.22	151101.3024	76.29	76.29	0	ANNUAL	AREA2	5
606747.8	4201348.22	137749.8139	76.34	76.34	0	ANNUAL	AREA2	5
606767.8	4201348.22	125982.0162	76.03	76.03	0	ANNUAL	AREA2	5
606787.8	4201348.22	115751.0602	75.81	75.81	0	ANNUAL	AREA2	5
606807.8	4201348.22	106741.5888	75.54	75.54	0	ANNUAL	AREA2	5
606827.8	4201348.22	98853.97541	75.54	75.54	0	ANNUAL	AREA2	5
606847.8	4201348.22	91819.59774	75.49	75.49	0	ANNUAL	AREA2	5
606867.8	4201348.22	85503.10441	75.31	75.31	0	ANNUAL	AREA2	5
606887.8	4201348.22	79832.26217	75.11	75.11	0	ANNUAL	AREA2	5
606907.8	4201348.22	74730.7938	74.95	74.95	0	ANNUAL	AREA2	5
606927.8	4201348.22	70107.74652	74.72	74.72	0	ANNUAL	AREA2	5
606947.8	4201348.22	65913.5244	74.48	74.48	0	ANNUAL	AREA2	5
606967.8	4201348.22	62090.31938	74.18	74.18	0	ANNUAL	AREA2	5
606987.8	4201348.22	58608.37755	73.94	73.94	0	ANNUAL	AREA2	5
607007.8	4201348.22	55412.18047	73.6	73.6	0	ANNUAL	AREA2	5
607027.8	4201348.22	52453.57737	72.96	72.96	0	ANNUAL	AREA2	5
607047.8	4201348.22	49766.37283	72.7	72.7	0	ANNUAL	AREA2	5
607067.8	4201348.22	47267.37395	72.16	72.16	0	ANNUAL	AREA2	5
607087.8	4201348.22	44966.06192	71.71	71.71	0	ANNUAL	AREA2	5
607107.8	4201348.22	42837.30288	71.28	71.28	0	ANNUAL	AREA2	5
607127.8	4201348.22	40852.02152	70.68	70.68	0	ANNUAL	AREA2	5
607147.8	4201348.22	39019.74898	70.29	70.29	0	ANNUAL	AREA2	5
607167.8	4201348.22	37319.05078	70	70	0	ANNUAL	AREA2	5
607187.8	4201348.22	35744.06387	69.94	69.94	0	ANNUAL	AREA2	5
607207.8	4201348.22	34280.84514	70.08	70.08	0	ANNUAL	AREA2	5
607227.8	4201348.22	32904.57321	70.1	70.1	0	ANNUAL	AREA2	5
607247.8	4201348.22	31610.29057	70.04	70.04	0	ANNUAL	AREA2	5
607267.8	4201348.22	30399.03391	70.09	70.09	0	ANNUAL	AREA2	5
607287.8	4201348.22	29266.53308	70.33	70.33	0	ANNUAL	AREA2	5
607307.8	4201348.22	28194.29685	70.42	70.42	0	ANNUAL	AREA2	5
606527.8	4201368.22	605870.061	78.48	78.71	0	ANNUAL	AREA2	5
606547.8	4201368.22	514296.9013	77.1	78.85	0	ANNUAL	AREA2	5
606567.8	4201368.22	405000.1809	76.21	76.21	0	ANNUAL	AREA2	5
606587.8	4201368.22	334137.7546	75.7	75.7	0	ANNUAL	AREA2	5
606607.8	4201368.22	284099.9993	75.28	75.28	0	ANNUAL	AREA2	5
606627.8	4201368.22	246455.2335	74.86	74.86	0	ANNUAL	AREA2	5
606647.8	4201368.22	217322.43	74.74	74.74	0	ANNUAL	AREA2	5
606667.8	4201368.22	193941.1709	74.88	74.88	0	ANNUAL	AREA2	5
606687.8	4201368.22	174489.4571	75.09	75.09	0	ANNUAL	AREA2	5
606707.8	4201368.22	158019.5579	75.35	75.35	0	ANNUAL	AREA2	5
606727.8	4201368.22	144017.9858	75.84	75.84	0	ANNUAL	AREA2	5
606747.8	4201368.22	131745.9317	76.15	76.15	0	ANNUAL	AREA2	5
606767.8	4201368.22	120844.2622	76.05	76.05	0	ANNUAL	AREA2	5
606787.8	4201368.22	111190.5108	75.67	75.67	0	ANNUAL	AREA2	5
606807.8	4201368.22	102735.8312	75.42	75.42	0	ANNUAL	AREA2	5
606827.8	4201368.22	95291.62813	75.35	75.35	0	ANNUAL	AREA2	5
606847.8	4201368.22	88632.39426	75.2	75.2	0	ANNUAL	AREA2	5
606867.8	4201368.22	82673.76341	75.08	75.08	0	ANNUAL	AREA2	5
606887.8	4201368.22	77302.68357	74.9	74.9	0	ANNUAL	AREA2	5
606907.8	4201368.22	72459.71505	74.76	74.76	0	ANNUAL	AREA2	5
606927.8	4201368.22	68068.30583	74.6	74.6	0	ANNUAL	AREA2	5
606947.8	4201368.22	64074.94469	74.43	74.43	0	ANNUAL	AREA2	5
606967.8	4201368.22	60446.64002	74.37	74.37	0	ANNUAL	AREA2	5
606987.8	4201368.22	57103.03769	74.07	74.07	0	ANNUAL	AREA2	5
607007.8	4201368.22	54044.69133	73.83	73.83	0	ANNUAL	AREA2	5
607027.8	4201368.22	51180.83661	72.97	72.97	0	ANNUAL	AREA2	5
607047.8	4201368.22	48568.61481	72.38	72.38	0	ANNUAL	AREA2	5
607067.8	4201368.22	46138.45194	71.52	71.52	0	ANNUAL	AREA2	5
607087.8	4201368.22	43909.59305	70.89	70.89	0	ANNUAL	AREA2	5
607107.8	4201368.22	41868.24795	70.61	70.61	0	ANNUAL	AREA2	5
607127.8	4201368.22	39969.08991	70.28	70.28	0	ANNUAL	AREA2	5
607147.8	4201368.22	38196.1238	69.85	69.85	0	ANNUAL	AREA2	5
607167.8	4201368.22	36548.29333	69.5	69.5	0	ANNUAL	AREA2	5
607187.8	4201368.22	35016.36057	69.28	69.28	0	ANNUAL	AREA2	5
607207.8	4201368.22	33598.93868	69.39	69.39	0	ANNUAL	AREA2	5
607227.8	4201368.22	32273.54167	69.58	69.58	0	ANNUAL	AREA2	5
607247.8	4201368.22	31023.94585	69.65	69.65	0	ANNUAL	AREA2	5
607267.8	4201368.22	29848.48575	69.7	69.7	0	ANNUAL	AREA2	5
607287.8	4201368.22	28751.74729	70.02	70.02	0	ANNUAL	AREA2	5
607307.8	4201368.22	27715.23389	70.27	70.27	0	ANNUAL	AREA2	5
606527.8	4201388.22	556952.0625	75.7	81.06	0	ANNUAL	AREA2	5
606547.8	4201388.22	472306.6693	74.88	80.41	0	ANNUAL	AREA2	5
606567.8	4201388.22	370143.5067	74.43	74.43	0	ANNUAL	AREA2	5
606587.8	4201388.22	306166.4749	74.41	74.41	0	ANNUAL	AREA2	5
606607.8	4201388.22	261949.5556	74.42	74.42	0	ANNUAL	AREA2	5
606627.8	4201388.22	228685.513	74.25	74.25	0	ANNUAL	AREA2	5
606647.8	4201388.22	202625.6443	74.16	74.16	0	ANNUAL	AREA2	5
606667.8	4201388.22	181356.6715	74.07	74.07	0	ANNUAL	AREA2	5
606687.8	4201388.22	163748.0865	74.15	74.15	0	ANNUAL	AREA2	5
606707.8	4201388.22	148879.8512	74.39	74.39	0	ANNUAL	AREA2	5
606727.8	4201388.22	136214.4719	74.91	74.91	0	ANNUAL	AREA2	5
606747.8	4201388.22	125304.5588	75.77	75.77	0	ANNUAL	AREA2	5
606767.8	4201388.22	115352.3905	75.89	75.89	0	ANNUAL	AREA2	5
606787.8	4201388.22	106391.5923	75.47	75.47	0	ANNUAL	AREA2	5
606807.8	4201388.22	98571.17554	75.36	75.36	0	ANNUAL	AREA2	5
606827.8	4201388.22	91595.90395	75.2	75.2	0	ANNUAL	AREA2	5
606847.8	4201388.22	85341.53566	74.97	74.97	0	ANNUAL	AREA2	5
606867.8	4201388.22	79720.39481	74.72	74.72	0	ANNUAL	AREA2	5
606887.8	4201388.22	74666.14305	74.55	74.55	0	ANNUAL	AREA2	5
606907.8	4201388.22	70091.34908	74.39	74.39	0	ANNUAL	AREA2	5
606927.8	4201388.22	65946.14027	74.31	74.31	0	ANNUAL	AREA2	5
606947.8	4201388.22	62170.95664	74.26	74.26	0	ANNUAL	AREA2	5
606967.8	4201388.22	58724.96047	74.26	74.26	0	ANNUAL	AREA2	5
606987.8	4201388.22	55557.65255	74.18	74.18	0	ANNUAL	AREA2	5
607007.8	4201388.22	52622.22405	73.82	73.82	0	ANNUAL	AREA2	5
607027.8	4201388.22	49818.35802	72.26	72.99	0	ANNUAL	AREA2	5
607047.8	4201388.22	47302.02702	71.49	71.49	0	ANNUAL	AREA2	5
607067.8	4201388.22	44971.93837	70.64	70.64	0	ANNUAL	AREA2	5
607087.8	4201388.22	42842.56411	70.16	70.16	0	ANNUAL	AREA2	5
607107.8	4201388.22	40884.71875	69.95	69.95	0	ANNUAL	AREA2	5
607127.8	4201388.22	39063.07451	69.73	69.73	0	ANNUAL	AREA2	5
607147.8	4201388.22	37358.89035	69.39	69.39	0	ANNUAL	AREA2	5
607167.8	4201388.22	35768.72851	69.05	69.05	0	ANNUAL	AREA2	5
607187.8	4201388.22	34286.60385	68.79	68.79	0	ANNUAL	AREA2	5
607207.8	4201388.22	32902.93299	68.61	68.61	0	ANNUAL	AREA2	5
607227.8	4201388.22	31626.20355	68.9	68.9	0	ANNUAL	AREA2	5
607247.8	4201388.22	30419.35488	69.03	69.03	0	ANNUAL	AREA2	5
607267.8	4201388.22	29289.55031	69.31	69.31	0	ANNUAL	AREA2	5
607287.8	4201388.22	28232.55488	69.81	69.81	0	ANNUAL	AREA2	5
607307.8	4201388.22	27226.0522	70.05	70.05	0	ANNUAL	AREA2	5
606527.8	4201408.22	486292.5549	73.29	95.77	0	ANNUAL	AREA2	5
606547.8	4201408.22	414923.4002	73.49	95.77	0	ANNUAL	AREA2	5
606567.8	4201408.22	328622.651	73.71	93.18	0	ANNUAL	AREA2	5
606587.8	4201408.22	275528.429	73.99	73.99	0	ANNUAL	AREA2	5
606607.8	4201408.22	238121.0676	73.95	73.95	0	ANNUAL	AREA2	5
606627.8	4201408.22	209639.0816	73.72	73.72	0	ANNUAL	AREA2	5
606647.8	4201408.22	186966.2491	73.49	73.49	0	ANNUAL	AREA2	5
606667.8	4201408.22	168630.59	73.59	73.59	0	ANNUAL	AREA2	5
606687.8	4201408.22	153207.0258	73.8	73.8	0	ANNUAL	AREA2	5
606707.8	4201408.22	139851.5947	73.9	73.9	0	ANNUAL	AREA2	5
606727.8	4201408.22	128318.0193	74.12	74.12	0	ANNUAL	AREA2	5
606747.8	4201408.22	118336.4028	74.63	74.63	0	ANNUAL	AREA2	5
606767.8	4201408.22	109588.1918	75.4	75.4	0	ANNUAL	AREA2	5
606787.8	4201408.22	101420.5313	75.1	75.1	0	ANNUAL	AREA2	5
606807.8	4201408.22	94333.54176	75.4	75.4	0	ANNUAL	AREA2	5
606827.8	4201408.22	87818.0295	75.05	75.05	0	ANNUAL	AREA2	5
606847.8	4201408.22	81995.41642	74.8	74.8	0	ANNUAL	AREA2	5
606867.8	4201408.22	76748.77835	74.56	74.56	0	ANNUAL	AREA2	5
606887.8	4201408.22	71999.71656	74.31	74.31	0	ANNUAL	AREA2	5
606907.8	4201408.22	67700.87227	74.15	74.15	0	ANNUAL	AREA2	5
606927.8	4201408.22	63735.41274	73.63	73.63	0	ANNUAL	AREA2	5
606947.8	4201408.22	60173.82055	73.58	74.15	0	ANNUAL	AREA2	5
606967.8	4201408.22	56909.87671	73.54	74.14	0	ANNUAL	AREA2	5
606987.8	4201408.22	53900.37343	73.4	74.17	0	ANNUAL	AREA2	5
607007.8	4201408.22	51026.72656	72.14	74.15	0	ANNUAL	AREA2	5
607027.8	4201408.22	48328.51196	70.29	74.15	0	ANNUAL	AREA2	5
607047.8	4201408.22	45954.99842	69.79	70.22	0	ANNUAL	AREA2	5
607067.8	4201408.22	43769.2838	69.44	69.44	0	ANNUAL	AREA2	5
607087.8	4201408.22	41746.84454	69.17	69.17	0	ANNUAL	AREA2	5
607107.8	4201408.22	39878.9332	69.09	69.09	0	ANNUAL	AREA2	5
607127.8	4201408.22	38141.41485	69.06	69.06	0	ANNUAL	AREA2	5
607147.8	4201408.22	36510.96912	68.88	68.88	0	ANNUAL	AREA2	5
607167.8	4201408.22	34984.74938	68.65	68.65	0	ANNUAL	AREA2	5
607187.8	4201408.22	33554.92126	68.39	68.39	0	ANNUAL	AREA2	5
607207.8	4201408.22	32217.29806	68.18	68.18	0	ANNUAL	AREA2	5
607227.8	4201408.22	30970.32862	68.16	68.16	0	ANNUAL	AREA2	5
607247.8	4201408.22	29808.60885	68.4	68.4	0	ANNUAL	AREA2	5
607267.8	4201408.22	28731.3468	69.09	69.09	0	ANNUAL	AREA2	5
607287.8	4201408.22	27709.07199	69.64	69.64	0	ANNUAL	AREA2	5
607307.8	4201408.22	26733.96552	69.91	69.91	0	ANNUAL	AREA2	5
606533.18	4201421.18	414707.0721	72.86	95.88	0	ANNUAL	AREA2	5
606553.18	4201421.18	344871.1145	73.53	95.77	0	ANNUAL	AREA2	5
606573.18	4201421.18	284828.9625	73.7	94.24	0	ANNUAL	AREA2	5
606593.18	4201421.18	245055.5068	73.97	93.41	0	ANNUAL	AREA2	5
606613.18	4201421.18	215436.0922	74	74	0	ANNUAL	AREA2	5
606633.18	4201421.18	191621.9094	73.61	73.61	0	ANNUAL	AREA2	5
606653.18	4201421.18	171969.2725	73.04	73.04	0	ANNUAL	AREA2	5
606673.18	4201421.18	156034.4075	73.01	73.01	0	ANNUAL	AREA2	5
606693.18	4201421.18	142703.9428	73.4	73.4	0	ANNUAL	AREA2	5
606713.18	4201421.18	130916.1823	73.55	73.55	0	ANNUAL	AREA2	5
606727.8	4201423.25	122465.8951	73.67	73.67	0	ANNUAL	AREA2	5
606747.8	4201423.25	113230.7818	74.04	74.04	0	ANNUAL	AREA2	5
606767.8	4201423.25	105080.3173	74.6	74.6	0	ANNUAL	AREA2	5
606787.8	4201423.25	97660.65384	74.8	74.8	0	ANNUAL	AREA2	5
606807.8	4201423.25	91123.34631	75.43	75.43	0	ANNUAL	AREA2	5
606827.8	4201428.22	84092.41178	75.24	75.24	0	ANNUAL	AREA2	5
606847.8	4201428.22	78655.77702	74.78	74.78	0	ANNUAL	AREA2	5
606867.8	4201428.22	73782.94566	74.56	74.56	0	ANNUAL	AREA2	5
606887.8	4201428.22	69346.81859	74.28	74.28	0	ANNUAL	AREA2	5
606907.8	4201428.22	65193.54145	73.23	74.22	0	ANNUAL	AREA2	5
606927.8	4201428.22	61335.44947	71.65	74.14	0	ANNUAL	AREA2	5
606947.8	4201428.22	57929.87692	70.99	74.15	0	ANNUAL	AREA2	5
606967.8	4201428.22	54841.90784	70.65	74.23	0	ANNUAL	AREA2	5
606987.8	4201428.22	51962.60723	69.97	74.23	0	ANNUAL	AREA2	5
607007.8	4201428.22	49269.35689	68.89	74.28	0	ANNUAL	AREA2	5
607027.8	4201428.22	46808.83941	68.08	74.2	0	ANNUAL	AREA2	5
607047.8	4201428.22	44592.63214	67.98	74.15	0	ANNUAL	AREA2	5
607067.8	4201428.22	42558.56713	68.2	68.2	0	ANNUAL	AREA2	5
607087.8	4201428.22	40652.40269	68.26	68.26	0	ANNUAL	AREA2	5
607107.8	4201428.22	38871.69184	68.27	68.27	0	ANNUAL	AREA2	5
607127.8	4201428.22	37214.68645	68.37	68.37	0	ANNUAL	AREA2	5
607147.8	4201428.22	35661.64883	68.41	68.41	0	ANNUAL	AREA2	5
607167.8	4201428.22	34198.13268	68.27	68.27	0	ANNUAL	AREA2	5
607187.8	4201428.22	32818.67349	67.97	67.97	0	ANNUAL	AREA2	5
607207.8	4201428.22	31528.84892	67.76	67.76	0	ANNUAL	AREA2	5
607227.8	4201428.22	30322.7158	67.68	67.68	0	ANNUAL	AREA2	5
607247.8	4201428.22	29208.86004	68.12	68.12	0	ANNUAL	AREA2	5
607267.8	4201428.22	28180.33415	69.16	69.16	0	ANNUAL	AREA2	5
607287.8	4201428.22	27181.62258	69.46	69.46	0	ANNUAL	AREA2	5
607307.8	4201428.22	26239.2166	69.8	69.8	0	ANNUAL	AREA2	5
606357.31	4200991.9	330640.9126	76.62	76.62	0	ANNUAL	AREA2	5
606373.3	4200990.76	313755.2173	76.28	76.28	0	ANNUAL	AREA2	5
606393.3	4200990.76	301177.2094	76.23	76.23	0	ANNUAL	AREA2	5
606413.3	4200990.76	288327.8917	76.18	76.18	0	ANNUAL	AREA2	5
606433.3	4200990.76	275089.9633	76.06	76.06	0	ANNUAL	AREA2	5
606453.3	4200990.76	261713.0529	75.87	75.87	0	ANNUAL	AREA2	5
606473.3	4200990.76	248885.9943	75.69	75.69	0	ANNUAL	AREA2	5
606493.3	4200990.76	237448.5012	75.53	75.53	0	ANNUAL	AREA2	5
606513.3	4200990.76	227878.0022	75.47	75.47	0	ANNUAL	AREA2	5
606355.59	4201005.6	422909.8858	77.52	77.52	0	ANNUAL	AREA2	5
606375.59	4201005.6	405803.014	77.14	77.14	0	ANNUAL	AREA2	5
606393.3	4201010.76	426278.5466	77.18	77.18	0	ANNUAL	AREA2	5
606413.3	4201010.76	407211.5915	76.93	76.93	0	ANNUAL	AREA2	5
606433.3	4201010.76	386732.1306	76.64	76.64	0	ANNUAL	AREA2	5
606453.3	4201010.76	364779.292	76.39	76.39	0	ANNUAL	AREA2	5
606473.3	4201010.76	341352.4999	76.14	76.14	0	ANNUAL	AREA2	5
606493.3	4201010.76	318323.286	76.03	76.03	0	ANNUAL	AREA2	5
606513.3	4201010.76	300034.2956	76.02	76.02	0	ANNUAL	AREA2	5
606320.15	4201003.05	434848.4162	78.67	78.67	0	ANNUAL	AREA2	5
606340.15	4201003.05	417999.4085	77.96	77.96	0	ANNUAL	AREA2	5

** CONCUNIT ug/ m^3
** DEPUNIT g/m^ 2

607247.8	4201328.22	24568.05127	70.38	70.38	0	ANNUAL	AREA3	5
607267.8	4201328.22	24043.62376	70.35	70.35	0	ANNUAL	AREA3	5
607287.8	4201328.22	23536.9656	70.51	70.51	0	ANNUAL	AREA3	5
607307.8	4201328.22	23041.53433	70.55	70.55	0	ANNUAL	AREA3	5
606527.8	4201348.22	48745.46806	79.36	79.36	0	ANNUAL	AREA3	5
606547.8	4201348.22	48079.83078	78.49	78.49	0	ANNUAL	AREA3	5
606567.8	4201348.22	47396.21519	77.47	77.47	0	ANNUAL	AREA3	5
606587.8	4201348.22	46707.73727	76.69	76.69	0	ANNUAL	AREA3	5
606607.8	4201348.22	46020.01089	76.08	76.08	0	ANNUAL	AREA3	5
606627.8	4201348.22	45336.98364	75.84	75.84	0	ANNUAL	AREA3	5
606647.8	4201348.22	44659.49262	75.84	75.84	0	ANNUAL	AREA3	5
606667.8	4201348.22	43972.79474	75.88	75.88	0	ANNUAL	AREA3	5
606687.8	4201348.22	43274.13587	75.91	75.91	0	ANNUAL	AREA3	5
606707.8	4201348.22	42571.4451	76.14	76.14	0	ANNUAL	AREA3	5
606727.8	4201348.22	41853.33624	76.29	76.29	0	ANNUAL	AREA3	5
606747.8	4201348.22	41118.90725	76.34	76.34	0	ANNUAL	AREA3	5
606767.8	4201348.22	40361.91255	76.03	76.03	0	ANNUAL	AREA3	5
606787.8	4201348.22	39598.64987	75.81	75.81	0	ANNUAL	AREA3	5
606807.8	4201348.22	38825.84019	75.54	75.54	0	ANNUAL	AREA3	5
606827.8	4201348.22	38058.33762	75.54	75.54	0	ANNUAL	AREA3	5
606847.8	4201348.22	37286.46124	75.49	75.49	0	ANNUAL	AREA3	5
606867.8	4201348.22	36510.95075	75.31	75.31	0	ANNUAL	AREA3	5
606887.8	4201348.22	35738.63722	75.11	75.11	0	ANNUAL	AREA3	5
606907.8	4201348.22	34974.31527	74.95	74.95	0	ANNUAL	AREA3	5
606927.8	4201348.22	34217.31613	74.72	74.72	0	ANNUAL	AREA3	5
606947.8	4201348.22	33471.6389	74.48	74.48	0	ANNUAL	AREA3	5
606967.8	4201348.22	32737.73717	74.18	74.18	0	ANNUAL	AREA3	5
606987.8	4201348.22	32020.59492	73.94	73.94	0	ANNUAL	AREA3	5
607007.8	4201348.22	31316.3862	73.6	73.6	0	ANNUAL	AREA3	5
607027.8	4201348.22	30620.72517	72.96	72.96	0	ANNUAL	AREA3	5
607047.8	4201348.22	29952.24241	72.7	72.7	0	ANNUAL	AREA3	5
607067.8	4201348.22	29293.14334	72.16	72.16	0	ANNUAL	AREA3	5
607087.8	4201348.22	28653.00413	71.71	71.71	0	ANNUAL	AREA3	5
607107.8	4201348.22	28029.70572	71.28	71.28	0	ANNUAL	AREA3	5
607127.8	4201348.22	27417.79748	70.68	70.68	0	ANNUAL	AREA3	5
607147.8	4201348.22	26826.72893	70.29	70.29	0	ANNUAL	AREA3	5
607167.8	4201348.22	26253.02684	70	70	0	ANNUAL	AREA3	5
607187.8	4201348.22	25699.15186	69.94	69.94	0	ANNUAL	AREA3	5
607207.8	4201348.22	25163.58873	70.08	70.08	0	ANNUAL	AREA3	5
607227.8	4201348.22	24638.32752	70.1	70.1	0	ANNUAL	AREA3	5
607247.8	4201348.22	24124.44732	70.04	70.04	0	ANNUAL	AREA3	5
607267.8	4201348.22	23625.52907	70.09	70.09	0	ANNUAL	AREA3	5
607287.8	4201348.22	23143.01113	70.33	70.33	0	ANNUAL	AREA3	5
607307.8	4201348.22	22669.62098	70.42	70.42	0	ANNUAL	AREA3	5
606527.8	4201368.22	46806.8626	78.48	78.71	0	ANNUAL	AREA3	5
606547.8	4201368.22	46159.07142	77.1	78.85	0	ANNUAL	AREA3	5
606567.8	4201368.22	45517.0695	76.21	76.21	0	ANNUAL	AREA3	5
606587.8	4201368.22	44881.29011	75.7	75.7	0	ANNUAL	AREA3	5
606607.8	4201368.22	44244.57904	75.28	75.28	0	ANNUAL	AREA3	5
606627.8	4201368.22	43597.18462	74.86	74.86	0	ANNUAL	AREA3	5
606647.8	4201368.22	42959.21445	74.74	74.74	0	ANNUAL	AREA3	5
606667.8	4201368.22	42323.52387	74.88	74.88	0	ANNUAL	AREA3	5
606687.8	4201368.22	41680.35128	75.09	75.09	0	ANNUAL	AREA3	5
606707.8	4201368.22	41027.9057	75.35	75.35	0	ANNUAL	AREA3	5
606727.8	4201368.22	40372.75052	75.84	75.84	0	ANNUAL	AREA3	5
606747.8	4201368.22	39698.94449	76.15	76.15	0	ANNUAL	AREA3	5
606767.8	4201368.22	39000.19335	76.05	76.05	0	ANNUAL	AREA3	5
606787.8	4201368.22	38283.94232	75.67	75.67	0	ANNUAL	AREA3	5
606807.8	4201368.22	37564.51594	75.42	75.42	0	ANNUAL	AREA3	5
606827.8	4201368.22	36847.07521	75.35	75.35	0	ANNUAL	AREA3	5
606847.8	4201368.22	36123.9375	75.2	75.2	0	ANNUAL	AREA3	5
606867.8	4201368.22	35401.64473	75.08	75.08	0	ANNUAL	AREA3	5
606887.8	4201368.22	34679.84289	74.9	74.9	0	ANNUAL	AREA3	5
606907.8	4201368.22	33964.35959	74.76	74.76	0	ANNUAL	AREA3	5
606927.8	4201368.22	33255.86213	74.6	74.6	0	ANNUAL	AREA3	5
606947.8	4201368.22	32556.66661	74.43	74.43	0	ANNUAL	AREA3	5
606967.8	4201368.22	31872.00274	74.37	74.37	0	ANNUAL	AREA3	5
606987.8	4201368.22	31193.57582	74.07	74.07	0	ANNUAL	AREA3	5
607007.8	4201368.22	30530.7043	73.83	73.83	0	ANNUAL	AREA3	5
607027.8	4201368.22	29866.24386	72.97	72.97	0	ANNUAL	AREA3	5
607047.8	4201368.22	29224.35174	72.38	72.38	0	ANNUAL	AREA3	5
607067.8	4201368.22	28590.75229	71.52	71.52	0	ANNUAL	AREA3	5
607087.8	4201368.22	27978.88175	70.89	70.89	0	ANNUAL	AREA3	5
607107.8	4201368.22	27391.62556	70.61	70.61	0	ANNUAL	AREA3	5
607127.8	4201368.22	26817.4341	70.28	70.28	0	ANNUAL	AREA3	5
607147.8	4201368.22	26254.86154	69.85	69.85	0	ANNUAL	AREA3	5
607167.8	4201368.22	25708.0522	69.5	69.5	0	ANNUAL	AREA3	5
607187.8	4201368.22	25177.79435	69.28	69.28	0	ANNUAL	AREA3	5
607207.8	4201368.22	24667.9267	69.39	69.39	0	ANNUAL	AREA3	5
607227.8	4201368.22	24171.89747	69.58	69.58	0	ANNUAL	AREA3	5
607247.8	4201368.22	23684.88198	69.65	69.65	0	ANNUAL	AREA3	5
607267.8	4201368.22	23208.84965	69.7	69.7	0	ANNUAL	AREA3	5
607287.8	4201368.22	22749.77734	70.02	70.02	0	ANNUAL	AREA3	5
607307.8	4201368.22	22299.93277	70.27	70.27	0	ANNUAL	AREA3	5
606527.8	4201388.22	44905.84436	75.7	81.06	0	ANNUAL	AREA3	5
606547.8	4201388.22	44308.17224	74.88	80.41	0	ANNUAL	AREA3	5
606567.8	4201388.22	43722.34305	74.43	74.43	0	ANNUAL	AREA3	5
606587.8	4201388.22	43150.2049	74.41	74.41	0	ANNUAL	AREA3	5
606607.8	4201388.22	42574.57011	74.42	74.42	0	ANNUAL	AREA3	5
606627.8	4201388.22	41982.4011	74.25	74.25	0	ANNUAL	AREA3	5
606647.8	4201388.22	41385.16721	74.16	74.16	0	ANNUAL	AREA3	5
606667.8	4201388.22	40781.24907	74.07	74.07	0	ANNUAL	AREA3	5
606687.8	4201388.22	40176.25416	74.15	74.15	0	ANNUAL	AREA3	5
606707.8	4201388.22	39568.22589	74.39	74.39	0	ANNUAL	AREA3	5
606727.8	4201388.22	38961.069	74.91	74.91	0	ANNUAL	AREA3	5
606747.8	4201388.22	38354.49423	75.77	75.77	0	ANNUAL	AREA3	5
606767.8	4201388.22	37710.24313	75.89	75.89	0	ANNUAL	AREA3	5
606787.8	4201388.22	37040.25929	75.47	75.47	0	ANNUAL	AREA3	5
606807.8	4201388.22	36373.51082	75.36	75.36	0	ANNUAL	AREA3	5
606827.8	4201388.22	35700.69653	75.2	75.2	0	ANNUAL	AREA3	5
606847.8	4201388.22	35022.43257	74.97	74.97	0	ANNUAL	AREA3	5
606867.8	4201388.22	34342.79083	74.72	74.72	0	ANNUAL	AREA3	5
606887.8	4201388.22	33667.06235	74.55	74.55	0	ANNUAL	AREA3	5
606907.8	4201388.22	32995.37767	74.39	74.39	0	ANNUAL	AREA3	5
606927.8	4201388.22	32332.12934	74.31	74.31	0	ANNUAL	AREA3	5
606947.8	4201388.22	31677.54407	74.26	74.26	0	ANNUAL	AREA3	5
606967.8	4201388.22	31033.77365	74.26	74.26	0	ANNUAL	AREA3	5
606987.8	4201388.22	30398.78257	74.18	74.18	0	ANNUAL	AREA3	5
607007.8	4201388.22	29768.6049	73.82	73.82	0	ANNUAL	AREA3	5
607027.8	4201388.22	29119.64102	72.26	72.99	0	ANNUAL	AREA3	5
607047.8	4201388.22	28505.89905	71.49	71.49	0	ANNUAL	AREA3	5
607067.8	4201388.22	27904.14758	70.64	70.64	0	ANNUAL	AREA3	5
607087.8	4201388.22	27327.15088	70.16	70.16	0	ANNUAL	AREA3	5
607107.8	4201388.22	26771.39191	69.95	69.95	0	ANNUAL	AREA3	5
607127.8	4201388.22	26228.71242	69.73	69.73	0	ANNUAL	AREA3	5
607147.8	4201388.22	25695.96744	69.39	69.39	0	ANNUAL	AREA3	5
607167.8	4201388.22	25175.98132	69.05	69.05	0	ANNUAL	AREA3	5
607187.8	4201388.22	24670.40666	68.79	68.79	0	ANNUAL	AREA3	5
607207.8	4201388.22	24178.48168	68.61	68.61	0	ANNUAL	AREA3	5
607227.8	4201388.22	23708.88996	68.9	68.9	0	ANNUAL	AREA3	5
607247.8	4201388.22	23246.0998	69.03	69.03	0	ANNUAL	AREA3	5
607267.8	4201388.22	22796.97408	69.31	69.31	0	ANNUAL	AREA3	5
607287.8	4201388.22	22362.28175	69.81	69.81	0	ANNUAL	AREA3	5
607307.8	4201388.22	21932.03458	70.05	70.05	0	ANNUAL	AREA3	5
606527.8	4201408.22	43104.85212	73.29	95.77	0	ANNUAL	AREA3	5
606547.8	4201408.22	42596.25843	73.49	95.77	0	ANNUAL	AREA3	5
606567.8	4201408.22	42082.10854	73.71	93.18	0	ANNUAL	AREA3	5
606587.8	4201408.22	41562.44226	73.99	73.99	0	ANNUAL	AREA3	5
606607.8	4201408.22	41021.71584	73.95	73.95	0	ANNUAL	AREA3	5
606627.8	4201408.22	40464.78436	73.72	73.72	0	ANNUAL	AREA3	5
606647.8	4201408.22	39899.7169	73.49	73.49	0	ANNUAL	AREA3	5
606667.8	4201408.22	39343.87976	73.59	73.59	0	ANNUAL	AREA3	5
606687.8	4201408.22	38784.69552	73.8	73.8	0	ANNUAL	AREA3	5
606707.8	4201408.22	38211.13456	73.9	73.9	0	ANNUAL	AREA3	5
606727.8	4201408.22	37633.59431	74.12	74.12	0	ANNUAL	AREA3	5
606747.8	4201408.22	37057.94694	74.63	74.63	0	ANNUAL	AREA3	5
606767.8	4201408.22	36480.56682	75.4	75.4	0	ANNUAL	AREA3	5
606787.8	4201408.22	35858.07393	75.1	75.1	0	ANNUAL	AREA3	5
606807.8	4201408.22	35249.0269	75.4	75.4	0	ANNUAL	AREA3	5
606827.8	4201408.22	34613.20279	75.05	75.05	0	ANNUAL	AREA3	5
606847.8	4201408.22	33977.74878	74.8	74.8	0	ANNUAL	AREA3	5
606867.8	4201408.22	33341.22161	74.56	74.56	0	ANNUAL	AREA3	5
606887.8	4201408.22	32704.9296	74.31	74.31	0	ANNUAL	AREA3	5
606907.8	4201408.22	32074.13876	74.15	74.15	0	ANNUAL	AREA3	5
606927.8	4201408.22	31437.03862	73.63	73.63	0	ANNUAL	AREA3	5
606947.8	4201408.22	30820.96434	73.58	74.15	0	ANNUAL	AREA3	5
606967.8	4201408.22	30213.06765	73.54	74.14	0	ANNUAL	AREA3	5
606987.8	4201408.22	29611.88397	73.4	74.17	0	ANNUAL	AREA3	5
607007.8	4201408.22	28990.13726	72.14	74.15	0	ANNUAL	AREA3	5
607027.8	4201408.22	28362.21095	70.29	74.15	0	ANNUAL	AREA3	5
607047.8	4201408.22	27787.53226	69.79	70.22	0	ANNUAL	AREA3	5
607067.8	4201408.22	27230.28033	69.44	69.44	0	ANNUAL	AREA3	5
607087.8	4201408.22	26688.06309	69.17	69.17	0	ANNUAL	AREA3	5
607107.8	4201408.22	26163.65771	69.09	69.09	0	ANNUAL	AREA3	5
607127.8	4201408.22	25652.87993	69.06	69.06	0	ANNUAL	AREA3	5
607147.8	4201408.22	25149.9273	68.88	68.88	0	ANNUAL	AREA3	5
607167.8	4201408.22	24657.5603	68.65	68.65	0	ANNUAL	AREA3	5
607187.8	4201408.22	24175.83985	68.39	68.39	0	ANNUAL	AREA3	5
607207.8	4201408.22	23706.42351	68.18	68.18	0	ANNUAL	AREA3	5
607227.8	4201408.22	23252.09612	68.16	68.16	0	ANNUAL	AREA3	5
607247.8	4201408.22	22813.56255	68.4	68.4	0	ANNUAL	AREA3	5
607267.8	4201408.22	22394.08813	69.09	69.09	0	ANNUAL	AREA3	5
607287.8	4201408.22	21980.04377	69.64	69.64	0	ANNUAL	AREA3	5
607307.8	4201408.22	21569.25027	69.91	69.91	0	ANNUAL	AREA3	5
606533.18	4201421.18	41917.38214	72.86	95.88	0	ANNUAL	AREA3	5
606553.18	4201421.18	41453.99134	73.53	95.77	0	ANNUAL	AREA3	5
606573.18	4201421.18	40957.03408	73.7	94.24	0	ANNUAL	AREA3	5
606593.18	4201421.18	40457.026	73.97	93.41	0	ANNUAL	AREA3	5
606613.18	4201421.18	39940.29084	74	74	0	ANNUAL	AREA3	5
606633.18	4201421.18	39395.72478	73.61	73.61	0	ANNUAL	AREA3	5
606653.18	4201421.18	38838.25991	73.04	73.04	0	ANNUAL	AREA3	5
606673.18	4201421.18	38298.64322	73.01	73.01	0	ANNUAL	AREA3	5
606693.18	4201421.18	37769.76458	73.4	73.4	0	ANNUAL	AREA3	5
606713.18	4201421.18	37220.98016	73.55	73.55	0	ANNUAL	AREA3	5
606727.8	4201423.25	36689.70065	73.67	73.67	0	ANNUAL	AREA3	5
606747.8	4201423.25	36138.45658	74.04	74.04	0	ANNUAL	AREA3	5
606767.8	4201423.25	35584.5705	74.6	74.6	0	ANNUAL	AREA3	5
606787.8	4201423.25	35009.7942	74.8	74.8	0	ANNUAL	AREA3	5
606807.8	4201423.25	34441.85711	75.43	75.43	0	ANNUAL	AREA3	5
606827.8	4201428.22	33590.78959	75.24	75.24	0	ANNUAL	AREA3	5
606847.8	4201428.22	32988.7221	74.78	74.78	0	ANNUAL	AREA3	5
606867.8	4201428.22	32392.10993	74.56	74.56	0	ANNUAL	AREA3	5
606887.8	4201428.22	31793.54394	74.28	74.28	0	ANNUAL	AREA3	5
606907.8	4201428.22	31172.69392	73.23	74.22	0	ANNUAL	AREA3	5
606927.8	4201428.22	30537.04321	71.65	74.14	0	ANNUAL	AREA3	5
606947.8	4201428.22	29937.84007	70.99	74.15	0	ANNUAL	AREA3	5
606967.8	4201428.22	29356.74326	70.65	74.23	0	ANNUAL	AREA3	5
606987.8	4201428.22	28773.05427	69.97	74.23	0	ANNUAL	AREA3	5
607007.8	4201428.22	28186.46577	68.89	74.28	0	ANNUAL	AREA3	5
607027.8	4201428.22	27619.9436	68.08	74.2	0	ANNUAL	AREA3	5
607047.8	4201428.22	27087.83909	67.98	74.15	0	ANNUAL	AREA3	5
607067.8	4201428.22	26576.32892	68.2	68.2	0	ANNUAL	AREA3	5
607087.8	4201428.22	26070.86382	68.26	68.26	0	ANNUAL	AREA3	5
607107.8	4201428.22	25575.00896	68.27	68.27	0	ANNUAL	AREA3	5
607127.8	4201428.22	25092.66277	68.37	68.37	0	ANNUAL	AREA3	5
607147.8	4201428.22	24619.51312	68.41	68.41	0	ANNUAL	AREA3	5
607167.8	4201428.22	24152.44104	68.27	68.27	0	ANNUAL	AREA3	5
607187.8	4201428.22	23692.03151	67.97	67.97	0	ANNUAL	AREA3	5
607207.8	4201428.22	23244.33081	67.76	67.76	0	ANNUAL	AREA3	5
607227.8	4201428.22	22809.60038	67.68	67.68	0	ANNUAL	AREA3	5
607247.8	4201428.22	22395.87696	68.12	68.12	0	ANNUAL	AREA3	5
607267.8	4201428.22	22003.02639	69.16	69.16	0	ANNUAL	AREA3	5
607287.8	4201428.22	21602.6431	69.46	69.46	0	ANNUAL	AREA3	5
607307.8	4201428.22	21211.20141	69.8	69.8	0	ANNUAL	AREA3	5
606357.31	4200991.9	164326.6741	76.62	76.62	0	ANNUAL	AREA3	5
606373.3	4200990.76	163923.3575	76.28	76.28	0	ANNUAL	AREA3	5
606393.3	4200990.76	161959.5082	76.23	76.23	0	ANNUAL	AREA3	5
606413.3	4200990.76	159485.0526	76.18	76.18	0	ANNUAL	AREA3	5
606433.3	4200990.76	156504.9214	76.06	76.06	0	ANNUAL	AREA3	5
606453.3	4200990.76	153170.2675	75.87	75.87	0	ANNUAL	AREA3	5
606473.3	4200990.76	149741.2361	75.69	75.69	0	ANNUAL	AREA3	5
606493.3	4200990.76	146453.9598	75.53	75.53	0	ANNUAL	AREA3	5
606513.3	4200990.76	143553.6835	75.47	75.47	0	ANNUAL	AREA3	5
606355.59	4201005.6	153451.2372	77.52	77.52	0	ANNUAL	AREA3	5
606375.59	4201005.6	151781.5209	77.14	77.14	0	ANNUAL	AREA3	5
606393.3	4201010.76	146364.1917	77.18	77.18	0	ANNUAL	AREA3	5
606413.3	4201010.76	144206.3253	76.93	76.93	0	ANNUAL	AREA3	5
606433.3	4201010.76	141720.0644	76.64	76.64	0	ANNUAL	AREA3	5
606453.3	4201010.76	139017.1707	76.39	76.39	0	ANNUAL	AREA3	5
606473.3	4201010.76	136202.128	76.14	76.14	0	ANNUAL	AREA3	5
606493.3	4201010.76	133480.254	76.03	76.03	0	ANNUAL	AREA3	5
606513.3	4201010.76	130960.5585	76.02	76.02	0	ANNUAL	AREA3	5
606320.15	4201003.05	158124.317	78.67	78.67	0	ANNUAL	AREA3	5
606340.15	4201003.05	156664.0645	77.96	77.96	0	ANNUAL	AREA3	5

** CONCUNIT ug/ m^3
** DEPUNIT g/m^ 2

607247.8	4201328.22	0.08136	70.38	70.38	0	ANNUAL	ROAD1	5
607267.8	4201328.22	0.08714	70.35	70.35	0	ANNUAL	ROAD1	5
607287.8	4201328.22	0.0936	70.51	70.51	0	ANNUAL	ROAD1	5
607307.8	4201328.22	0.10081	70.55	70.55	0	ANNUAL	ROAD1	5
606527.8	4201348.22	0.01219	79.36	79.36	0	ANNUAL	ROAD1	5
606547.8	4201348.22	0.01269	78.49	78.49	0	ANNUAL	ROAD1	5
606567.8	4201348.22	0.01325	77.47	77.47	0	ANNUAL	ROAD1	5
606587.8	4201348.22	0.01381	76.69	76.69	0	ANNUAL	ROAD1	5
606607.8	4201348.22	0.01438	76.08	76.08	0	ANNUAL	ROAD1	5
606627.8	4201348.22	0.01492	75.84	75.84	0	ANNUAL	ROAD1	5
606647.8	4201348.22	0.01544	75.84	75.84	0	ANNUAL	ROAD1	5
606667.8	4201348.22	0.016	75.88	75.88	0	ANNUAL	ROAD1	5
606687.8	4201348.22	0.0166	75.91	75.91	0	ANNUAL	ROAD1	5
606707.8	4201348.22	0.0172	76.14	76.14	0	ANNUAL	ROAD1	5
606727.8	4201348.22	0.01787	76.29	76.29	0	ANNUAL	ROAD1	5
606747.8	4201348.22	0.01861	76.34	76.34	0	ANNUAL	ROAD1	5
606767.8	4201348.22	0.0195	76.03	76.03	0	ANNUAL	ROAD1	5
606787.8	4201348.22	0.02044	75.81	75.81	0	ANNUAL	ROAD1	5
606807.8	4201348.22	0.02149	75.54	75.54	0	ANNUAL	ROAD1	5
606827.8	4201348.22	0.02253	75.54	75.54	0	ANNUAL	ROAD1	5
606847.8	4201348.22	0.02384	75.49	75.49	0	ANNUAL	ROAD1	5
606867.8	4201348.22	0.02522	75.31	75.31	0	ANNUAL	ROAD1	5
606887.8	4201348.22	0.02666	75.11	75.11	0	ANNUAL	ROAD1	5
606907.8	4201348.22	0.02825	74.95	74.95	0	ANNUAL	ROAD1	5
606927.8	4201348.22	0.03	74.72	74.72	0	ANNUAL	ROAD1	5
606947.8	4201348.22	0.03192	74.48	74.48	0	ANNUAL	ROAD1	5
606967.8	4201348.22	0.03403	74.18	74.18	0	ANNUAL	ROAD1	5
606987.8	4201348.22	0.0363	73.94	73.94	0	ANNUAL	ROAD1	5
607007.8	4201348.22	0.03876	73.6	73.6	0	ANNUAL	ROAD1	5
607027.8	4201348.22	0.04148	72.96	72.96	0	ANNUAL	ROAD1	5
607047.8	4201348.22	0.04414	72.7	72.7	0	ANNUAL	ROAD1	5
607067.8	4201348.22	0.04699	72.16	72.16	0	ANNUAL	ROAD1	5
607087.8	4201348.22	0.04982	71.71	71.71	0	ANNUAL	ROAD1	5
607107.8	4201348.22	0.05263	71.28	71.28	0	ANNUAL	ROAD1	5
607127.8	4201348.22	0.05542	70.68	70.68	0	ANNUAL	ROAD1	5
607147.8	4201348.22	0.05793	70.29	70.29	0	ANNUAL	ROAD1	5
607167.8	4201348.22	0.06049	70	70	0	ANNUAL	ROAD1	5
607187.8	4201348.22	0.06332	69.94	69.94	0	ANNUAL	ROAD1	5
607207.8	4201348.22	0.0666	70.08	70.08	0	ANNUAL	ROAD1	5
607227.8	4201348.22	0.07048	70.1	70.1	0	ANNUAL	ROAD1	5
607247.8	4201348.22	0.07492	70.04	70.04	0	ANNUAL	ROAD1	5
607267.8	4201348.22	0.07989	70.09	70.09	0	ANNUAL	ROAD1	5
607287.8	4201348.22	0.08538	70.33	70.33	0	ANNUAL	ROAD1	5
607307.8	4201348.22	0.09148	70.42	70.42	0	ANNUAL	ROAD1	5
606527.8	4201368.22	0.01208	78.48	78.71	0	ANNUAL	ROAD1	5
606547.8	4201368.22	0.01266	77.1	78.85	0	ANNUAL	ROAD1	5
606567.8	4201368.22	0.0132	76.21	76.21	0	ANNUAL	ROAD1	5
606587.8	4201368.22	0.01372	75.7	75.7	0	ANNUAL	ROAD1	5
606607.8	4201368.22	0.01451	75.28	75.28	0	ANNUAL	ROAD1	5
606627.8	4201368.22	0.01517	74.86	74.86	0	ANNUAL	ROAD1	5
606647.8	4201368.22	0.01573	74.74	74.74	0	ANNUAL	ROAD1	5
606667.8	4201368.22	0.01626	74.88	74.88	0	ANNUAL	ROAD1	5
606687.8	4201368.22	0.01678	75.09	75.09	0	ANNUAL	ROAD1	5
606707.8	4201368.22	0.01732	75.35	75.35	0	ANNUAL	ROAD1	5
606727.8	4201368.22	0.01766	75.84	75.84	0	ANNUAL	ROAD1	5
606747.8	4201368.22	0.01834	76.15	76.15	0	ANNUAL	ROAD1	5
606767.8	4201368.22	0.01917	76.05	76.05	0	ANNUAL	ROAD1	5
606787.8	4201368.22	0.02013	75.67	75.67	0	ANNUAL	ROAD1	5
606807.8	4201368.22	0.02135	75.42	75.42	0	ANNUAL	ROAD1	5
606827.8	4201368.22	0.02241	75.35	75.35	0	ANNUAL	ROAD1	5
606847.8	4201368.22	0.02359	75.2	75.2	0	ANNUAL	ROAD1	5
606867.8	4201368.22	0.02486	75.08	75.08	0	ANNUAL	ROAD1	5
606887.8	4201368.22	0.02629	74.9	74.9	0	ANNUAL	ROAD1	5
606907.8	4201368.22	0.02782	74.76	74.76	0	ANNUAL	ROAD1	5
606927.8	4201368.22	0.02951	74.6	74.6	0	ANNUAL	ROAD1	5
606947.8	4201368.22	0.03135	74.43	74.43	0	ANNUAL	ROAD1	5
606967.8	4201368.22	0.0333	74.37	74.37	0	ANNUAL	ROAD1	5
606987.8	4201368.22	0.03545	74.07	74.07	0	ANNUAL	ROAD1	5
607007.8	4201368.22	0.03768	73.83	73.83	0	ANNUAL	ROAD1	5
607027.8	4201368.22	0.04022	72.97	72.97	0	ANNUAL	ROAD1	5
607047.8	4201368.22	0.04271	72.38	72.38	0	ANNUAL	ROAD1	5
607067.8	4201368.22	0.04538	71.52	71.52	0	ANNUAL	ROAD1	5
607087.8	4201368.22	0.04793	70.89	70.89	0	ANNUAL	ROAD1	5
607107.8	4201368.22	0.0501	70.61	70.61	0	ANNUAL	ROAD1	5
607127.8	4201368.22	0.05219	70.28	70.28	0	ANNUAL	ROAD1	5
607147.8	4201368.22	0.05427	69.85	69.85	0	ANNUAL	ROAD1	5
607167.8	4201368.22	0.05649	69.5	69.5	0	ANNUAL	ROAD1	5
607187.8	4201368.22	0.05901	69.28	69.28	0	ANNUAL	ROAD1	5
607207.8	4201368.22	0.06198	69.39	69.39	0	ANNUAL	ROAD1	5
607227.8	4201368.22	0.06542	69.58	69.58	0	ANNUAL	ROAD1	5
607247.8	4201368.22	0.06931	69.65	69.65	0	ANNUAL	ROAD1	5
607267.8	4201368.22	0.07362	69.7	69.7	0	ANNUAL	ROAD1	5
607287.8	4201368.22	0.07836	70.02	70.02	0	ANNUAL	ROAD1	5
607307.8	4201368.22	0.08355	70.27	70.27	0	ANNUAL	ROAD1	5
606527.8	4201388.22	0.01228	75.7	81.06	0	ANNUAL	ROAD1	5
606547.8	4201388.22	0.01311	74.88	80.41	0	ANNUAL	ROAD1	5
606567.8	4201388.22	0.01359	74.43	74.43	0	ANNUAL	ROAD1	5
606587.8	4201388.22	0.01403	74.41	74.41	0	ANNUAL	ROAD1	5
606607.8	4201388.22	0.01448	74.42	74.42	0	ANNUAL	ROAD1	5
606627.8	4201388.22	0.01499	74.25	74.25	0	ANNUAL	ROAD1	5
606647.8	4201388.22	0.01553	74.16	74.16	0	ANNUAL	ROAD1	5
606667.8	4201388.22	0.01609	74.07	74.07	0	ANNUAL	ROAD1	5
606687.8	4201388.22	0.01667	74.15	74.15	0	ANNUAL	ROAD1	5
606707.8	4201388.22	0.01727	74.39	74.39	0	ANNUAL	ROAD1	5
606727.8	4201388.22	0.01787	74.91	74.91	0	ANNUAL	ROAD1	5
606747.8	4201388.22	0.01814	75.77	75.77	0	ANNUAL	ROAD1	5
606767.8	4201388.22	0.01891	75.89	75.89	0	ANNUAL	ROAD1	5
606787.8	4201388.22	0.02004	75.47	75.47	0	ANNUAL	ROAD1	5
606807.8	4201388.22	0.02103	75.36	75.36	0	ANNUAL	ROAD1	5
606827.8	4201388.22	0.0221	75.2	75.2	0	ANNUAL	ROAD1	5
606847.8	4201388.22	0.02329	74.97	74.97	0	ANNUAL	ROAD1	5
606867.8	4201388.22	0.02458	74.72	74.72	0	ANNUAL	ROAD1	5
606887.8	4201388.22	0.02596	74.55	74.55	0	ANNUAL	ROAD1	5
606907.8	4201388.22	0.02747	74.39	74.39	0	ANNUAL	ROAD1	5
606927.8	4201388.22	0.0291	74.31	74.31	0	ANNUAL	ROAD1	5
606947.8	4201388.22	0.03084	74.26	74.26	0	ANNUAL	ROAD1	5
606967.8	4201388.22	0.03267	74.26	74.26	0	ANNUAL	ROAD1	5
606987.8	4201388.22	0.0346	74.18	74.18	0	ANNUAL	ROAD1	5
607007.8	4201388.22	0.03667	73.82	73.82	0	ANNUAL	ROAD1	5
607027.8	4201388.22	0.03919	72.26	72.99	0	ANNUAL	ROAD1	5
607047.8	4201388.22	0.0415	71.49	71.49	0	ANNUAL	ROAD1	5
607067.8	4201388.22	0.04377	70.64	70.64	0	ANNUAL	ROAD1	5
607087.8	4201388.22	0.04567	70.16	70.16	0	ANNUAL	ROAD1	5
607107.8	4201388.22	0.04744	69.95	69.95	0	ANNUAL	ROAD1	5
607127.8	4201388.22	0.04915	69.73	69.73	0	ANNUAL	ROAD1	5
607147.8	4201388.22	0.05092	69.39	69.39	0	ANNUAL	ROAD1	5
607167.8	4201388.22	0.05288	69.05	69.05	0	ANNUAL	ROAD1	5
607187.8	4201388.22	0.05517	68.79	68.79	0	ANNUAL	ROAD1	5
607207.8	4201388.22	0.05789	68.61	68.61	0	ANNUAL	ROAD1	5
607227.8	4201388.22	0.06096	68.9	68.9	0	ANNUAL	ROAD1	5
607247.8	4201388.22	0.06439	69.03	69.03	0	ANNUAL	ROAD1	5
607267.8	4201388.22	0.06816	69.31	69.31	0	ANNUAL	ROAD1	5
607287.8	4201388.22	0.07226	69.81	69.81	0	ANNUAL	ROAD1	5
607307.8	4201388.22	0.07677	70.05	70.05	0	ANNUAL	ROAD1	5
606527.8	4201408.22	0.01272	73.29	95.77	0	ANNUAL	ROAD1	5
606547.8	4201408.22	0.01308	73.49	95.77	0	ANNUAL	ROAD1	5
606567.8	4201408.22	0.01345	73.71	93.18	0	ANNUAL	ROAD1	5
606587.8	4201408.22	0.01383	73.99	73.99	0	ANNUAL	ROAD1	5
606607.8	4201408.22	0.01428	73.95	73.95	0	ANNUAL	ROAD1	5
606627.8	4201408.22	0.0148	73.72	73.72	0	ANNUAL	ROAD1	5
606647.8	4201408.22	0.01534	73.49	73.49	0	ANNUAL	ROAD1	5
606667.8	4201408.22	0.01588	73.59	73.59	0	ANNUAL	ROAD1	5
606687.8	4201408.22	0.01644	73.8	73.8	0	ANNUAL	ROAD1	5
606707.8	4201408.22	0.01705	73.9	73.9	0	ANNUAL	ROAD1	5
606727.8	4201408.22	0.01769	74.12	74.12	0	ANNUAL	ROAD1	5
606747.8	4201408.22	0.01835	74.63	74.63	0	ANNUAL	ROAD1	5
606767.8	4201408.22	0.01893	75.4	75.4	0	ANNUAL	ROAD1	5
606787.8	4201408.22	0.01987	75.1	75.1	0	ANNUAL	ROAD1	5
606807.8	4201408.22	0.0207	75.4	75.4	0	ANNUAL	ROAD1	5
606827.8	4201408.22	0.02182	75.05	75.05	0	ANNUAL	ROAD1	5
606847.8	4201408.22	0.023	74.8	74.8	0	ANNUAL	ROAD1	5
606867.8	4201408.22	0.02426	74.56	74.56	0	ANNUAL	ROAD1	5
606887.8	4201408.22	0.02565	74.31	74.31	0	ANNUAL	ROAD1	5
606907.8	4201408.22	0.02712	74.15	74.15	0	ANNUAL	ROAD1	5
606927.8	4201408.22	0.0288	73.63	73.63	0	ANNUAL	ROAD1	5
606947.8	4201408.22	0.03046	73.58	74.15	0	ANNUAL	ROAD1	5
606967.8	4201408.22	0.03218	73.54	74.14	0	ANNUAL	ROAD1	5
606987.8	4201408.22	0.03398	73.4	74.17	0	ANNUAL	ROAD1	5
607007.8	4201408.22	0.03614	72.14	74.15	0	ANNUAL	ROAD1	5
607027.8	4201408.22	0.03848	70.29	74.15	0	ANNUAL	ROAD1	5
607047.8	4201408.22	0.04024	69.79	70.22	0	ANNUAL	ROAD1	5
607067.8	4201408.22	0.04189	69.44	69.44	0	ANNUAL	ROAD1	5
607087.8	4201408.22	0.04342	69.17	69.17	0	ANNUAL	ROAD1	5
607107.8	4201408.22	0.04488	69.09	69.09	0	ANNUAL	ROAD1	5
607127.8	4201408.22	0.04632	69.06	69.06	0	ANNUAL	ROAD1	5
607147.8	4201408.22	0.04788	68.88	68.88	0	ANNUAL	ROAD1	5
607167.8	4201408.22	0.04966	68.65	68.65	0	ANNUAL	ROAD1	5
607187.8	4201408.22	0.05178	68.39	68.39	0	ANNUAL	ROAD1	5
607207.8	4201408.22	0.05424	68.18	68.18	0	ANNUAL	ROAD1	5
607227.8	4201408.22	0.05702	68.16	68.16	0	ANNUAL	ROAD1	5
607247.8	4201408.22	0.06009	68.4	68.4	0	ANNUAL	ROAD1	5
607267.8	4201408.22	0.06334	69.09	69.09	0	ANNUAL	ROAD1	5
607287.8	4201408.22	0.06695	69.64	69.64	0	ANNUAL	ROAD1	5
607307.8	4201408.22	0.07088	69.91	69.91	0	ANNUAL	ROAD1	5
606533.18	4201421.18	0.01273	72.86	95.88	0	ANNUAL	ROAD1	5
606553.18	4201421.18	0.01303	73.53	95.77	0	ANNUAL	ROAD1	5
606573.18	4201421.18	0.01341	73.7	94.24	0	ANNUAL	ROAD1	5
606593.18	4201421.18	0.01379	73.97	93.41	0	ANNUAL	ROAD1	5
606613.18	4201421.18	0.01425	74	74	0	ANNUAL	ROAD1	5
606633.18	4201421.18	0.01479	73.61	73.61	0	ANNUAL	ROAD1	5
606653.18	4201421.18	0.01537	73.04	73.04	0	ANNUAL	ROAD1	5
606673.18	4201421.18	0.01593	73.01	73.01	0	ANNUAL	ROAD1	5
606693.18	4201421.18	0.01647	73.4	73.4	0	ANNUAL	ROAD1	5
606713.18	4201421.18	0.0171	73.55	73.55	0	ANNUAL	ROAD1	5
606727.8	4201423.25	0.01755	73.67	73.67	0	ANNUAL	ROAD1	5
606747.8	4201423.25	0.01822	74.04	74.04	0	ANNUAL	ROAD1	5
606767.8	4201423.25	0.01892	74.6	74.6	0	ANNUAL	ROAD1	5
606787.8	4201423.25	0.01974	74.8	74.8	0	ANNUAL	ROAD1	5
606807.8	4201423.25	0.02048	75.43	75.43	0	ANNUAL	ROAD1	5
606827.8	4201428.22	0.02149	75.24	75.24	0	ANNUAL	ROAD1	5
606847.8	4201428.22	0.02271	74.78	74.78	0	ANNUAL	ROAD1	5
606867.8	4201428.22	0.02395	74.56	74.56	0	ANNUAL	ROAD1	5
606887.8	4201428.22	0.02531	74.28	74.28	0	ANNUAL	ROAD1	5
606907.8	4201428.22	0.02693	73.23	74.22	0	ANNUAL	ROAD1	5
606927.8	4201428.22	0.02881	71.65	74.14	0	ANNUAL	ROAD1	5
606947.8	4201428.22	0.03058	70.99	74.15	0	ANNUAL	ROAD1	5
606967.8	4201428.22	0.03225	70.65	74.23	0	ANNUAL	ROAD1	5
606987.8	4201428.22	0.03394	69.97	74.23	0	ANNUAL	ROAD1	5
607007.8	4201428.22	0.03559	68.89	74.28	0	ANNUAL	ROAD1	5
607027.8	4201428.22	0.03712	68.08	74.2	0	ANNUAL	ROAD1	5
607047.8	4201428.22	0.03857	67.98	74.15	0	ANNUAL	ROAD1	5
607067.8	4201428.22	0.03993	68.2	68.2	0	ANNUAL	ROAD1	5
607087.8	4201428.22	0.0412	68.26	68.26	0	ANNUAL	ROAD1	5
607107.8	4201428.22	0.04243	68.27	68.27	0	ANNUAL	ROAD1	5
607127.8	4201428.22	0.04371	68.37	68.37	0	ANNUAL	ROAD1	5
607147.8	4201428.22	0.04512	68.41	68.41	0	ANNUAL	ROAD1	5
607167.8	4201428.22	0.04678	68.27	68.27	0	ANNUAL	ROAD1	5
607187.8	4201428.22	0.04872	67.97	67.97	0	ANNUAL	ROAD1	5
607207.8	4201428.22	0.05095	67.76	67.76	0	ANNUAL	ROAD1	5
607227.8	4201428.22	0.05345	67.68	67.68	0	ANNUAL	ROAD1	5
607247.8	4201428.22	0.0562	68.12	68.12	0	ANNUAL	ROAD1	5
607267.8	4201428.22	0.05906	69.16	69.16	0	ANNUAL	ROAD1	5
607287.8	4201428.22	0.06228	69.46	69.46	0	ANNUAL	ROAD1	5
607307.8	4201428.22	0.06574	69.8	69.8	0	ANNUAL	ROAD1	5
606357.31	4200991.9	0.01936	76.62	76.62	0	ANNUAL	ROAD1	5
606373.3	4200990.76	0.01998	76.28	76.28	0	ANNUAL	ROAD1	5
606393.3	4200990.76	0.02064	76.23	76.23	0	ANNUAL	ROAD1	5
606413.3	4200990.76	0.02134	76.18	76.18	0	ANNUAL	ROAD1	5
606433.3	4200990.76	0.0221	76.06	76.06	0	ANNUAL	ROAD1	5
606453.3	4200990.76	0.02291	75.87	75.87	0	ANNUAL	ROAD1	5
606473.3	4200990.76	0.02378	75.69	75.69	0	ANNUAL	ROAD1	5
606493.3	4200990.76	0.02466	75.53	75.53	0	ANNUAL	ROAD1	5
606513.3	4200990.76	0.02566	75.47	75.47	0	ANNUAL	ROAD1	5
606355.59	4201005.6	0.01844	77.52	77.52	0	ANNUAL	ROAD1	5
606375.59	4201005.6	0.01908	77.14	77.14	0	ANNUAL	ROAD1	5
606393.3	4201010.76	0.01933	77.18	77.18	0	ANNUAL	ROAD1	5
606413.3	4201010.76	0.02	76.93	76.93	0	ANNUAL	ROAD1	5
606433.3	4201010.76	0.02073	76.64	76.64	0	ANNUAL	ROAD1	5
606453.3	4201010.76	0.02148	76.39	76.39	0	ANNUAL	ROAD1	5
606473.3	4201010.76	0.02229	76.14	76.14	0	ANNUAL	ROAD1	5
606493.3	4201010.76	0.02312	76.03	76.03	0	ANNUAL	ROAD1	5
606513.3	4201010.76	0.02397	76.02	76.02	0	ANNUAL	ROAD1	5
606320.15	4201003.05	0.01742	78.67	78.67	0	ANNUAL	ROAD1	5
606340.15	4201003.05	0.01806	77.96	77.96	0	ANNUAL	ROAD1	5

** CONCUNIT ug /m^3
** DEPUNIT g/m ^2

607247.8	4201328.22	0.08502	70.38	70.38	0	ANNUAL	ROAD2	5
607267.8	4201328.22	0.09133	70.35	70.35	0	ANNUAL	ROAD2	5
607287.8	4201328.22	0.09844	70.51	70.51	0	ANNUAL	ROAD2	5
607307.8	4201328.22	0.1065	70.55	70.55	0	ANNUAL	ROAD2	5
606527.8	4201348.22	0.0123	79.36	79.36	0	ANNUAL	ROAD2	5
606547.8	4201348.22	0.0128	78.49	78.49	0	ANNUAL	ROAD2	5
606567.8	4201348.22	0.01336	77.47	77.47	0	ANNUAL	ROAD2	5
606587.8	4201348.22	0.01392	76.69	76.69	0	ANNUAL	ROAD2	5
606607.8	4201348.22	0.01449	76.08	76.08	0	ANNUAL	ROAD2	5
606627.8	4201348.22	0.01502	75.84	75.84	0	ANNUAL	ROAD2	5
606647.8	4201348.22	0.01555	75.84	75.84	0	ANNUAL	ROAD2	5
606667.8	4201348.22	0.0161	75.88	75.88	0	ANNUAL	ROAD2	5
606687.8	4201348.22	0.01669	75.91	75.91	0	ANNUAL	ROAD2	5
606707.8	4201348.22	0.01728	76.14	76.14	0	ANNUAL	ROAD2	5
606727.8	4201348.22	0.01794	76.29	76.29	0	ANNUAL	ROAD2	5
606747.8	4201348.22	0.01868	76.34	76.34	0	ANNUAL	ROAD2	5
606767.8	4201348.22	0.01957	76.03	76.03	0	ANNUAL	ROAD2	5
606787.8	4201348.22	0.02049	75.81	75.81	0	ANNUAL	ROAD2	5
606807.8	4201348.22	0.02153	75.54	75.54	0	ANNUAL	ROAD2	5
606827.8	4201348.22	0.02256	75.54	75.54	0	ANNUAL	ROAD2	5
606847.8	4201348.22	0.02371	75.49	75.49	0	ANNUAL	ROAD2	5
606867.8	4201348.22	0.02522	75.31	75.31	0	ANNUAL	ROAD2	5
606887.8	4201348.22	0.02666	75.11	75.11	0	ANNUAL	ROAD2	5
606907.8	4201348.22	0.02822	74.95	74.95	0	ANNUAL	ROAD2	5
606927.8	4201348.22	0.02994	74.72	74.72	0	ANNUAL	ROAD2	5
606947.8	4201348.22	0.03183	74.48	74.48	0	ANNUAL	ROAD2	5
606967.8	4201348.22	0.03394	74.18	74.18	0	ANNUAL	ROAD2	5
606987.8	4201348.22	0.03622	73.94	73.94	0	ANNUAL	ROAD2	5
607007.8	4201348.22	0.03873	73.6	73.6	0	ANNUAL	ROAD2	5
607027.8	4201348.22	0.04154	72.96	72.96	0	ANNUAL	ROAD2	5
607047.8	4201348.22	0.04437	72.7	72.7	0	ANNUAL	ROAD2	5
607067.8	4201348.22	0.04746	72.16	72.16	0	ANNUAL	ROAD2	5
607087.8	4201348.22	0.05061	71.71	71.71	0	ANNUAL	ROAD2	5
607107.8	4201348.22	0.05382	71.28	71.28	0	ANNUAL	ROAD2	5
607127.8	4201348.22	0.05709	70.68	70.68	0	ANNUAL	ROAD2	5
607147.8	4201348.22	0.06	70.29	70.29	0	ANNUAL	ROAD2	5
607167.8	4201348.22	0.06286	70	70	0	ANNUAL	ROAD2	5
607187.8	4201348.22	0.06588	69.94	69.94	0	ANNUAL	ROAD2	5
607207.8	4201348.22	0.06928	70.08	70.08	0	ANNUAL	ROAD2	5
607227.8	4201348.22	0.07331	70.1	70.1	0	ANNUAL	ROAD2	5
607247.8	4201348.22	0.07805	70.04	70.04	0	ANNUAL	ROAD2	5
607267.8	4201348.22	0.08345	70.09	70.09	0	ANNUAL	ROAD2	5
607287.8	4201348.22	0.08949	70.33	70.33	0	ANNUAL	ROAD2	5
607307.8	4201348.22	0.09625	70.42	70.42	0	ANNUAL	ROAD2	5
606527.8	4201368.22	0.01217	78.48	78.71	0	ANNUAL	ROAD2	5
606547.8	4201368.22	0.01275	77.1	78.85	0	ANNUAL	ROAD2	5
606567.8	4201368.22	0.01329	76.21	76.21	0	ANNUAL	ROAD2	5
606587.8	4201368.22	0.01381	75.7	75.7	0	ANNUAL	ROAD2	5
606607.8	4201368.22	0.01458	75.28	75.28	0	ANNUAL	ROAD2	5
606627.8	4201368.22	0.01528	74.86	74.86	0	ANNUAL	ROAD2	5
606647.8	4201368.22	0.01584	74.74	74.74	0	ANNUAL	ROAD2	5
606667.8	4201368.22	0.01636	74.88	74.88	0	ANNUAL	ROAD2	5
606687.8	4201368.22	0.01687	75.09	75.09	0	ANNUAL	ROAD2	5
606707.8	4201368.22	0.01735	75.35	75.35	0	ANNUAL	ROAD2	5
606727.8	4201368.22	0.01771	75.84	75.84	0	ANNUAL	ROAD2	5
606747.8	4201368.22	0.01838	76.15	76.15	0	ANNUAL	ROAD2	5
606767.8	4201368.22	0.0192	76.05	76.05	0	ANNUAL	ROAD2	5
606787.8	4201368.22	0.02015	75.67	75.67	0	ANNUAL	ROAD2	5
606807.8	4201368.22	0.02131	75.42	75.42	0	ANNUAL	ROAD2	5
606827.8	4201368.22	0.02241	75.35	75.35	0	ANNUAL	ROAD2	5
606847.8	4201368.22	0.02359	75.2	75.2	0	ANNUAL	ROAD2	5
606867.8	4201368.22	0.02485	75.08	75.08	0	ANNUAL	ROAD2	5
606887.8	4201368.22	0.02624	74.9	74.9	0	ANNUAL	ROAD2	5
606907.8	4201368.22	0.02774	74.76	74.76	0	ANNUAL	ROAD2	5
606927.8	4201368.22	0.02941	74.6	74.6	0	ANNUAL	ROAD2	5
606947.8	4201368.22	0.03123	74.43	74.43	0	ANNUAL	ROAD2	5
606967.8	4201368.22	0.03319	74.37	74.37	0	ANNUAL	ROAD2	5
606987.8	4201368.22	0.03537	74.07	74.07	0	ANNUAL	ROAD2	5
607007.8	4201368.22	0.03768	73.83	73.83	0	ANNUAL	ROAD2	5
607027.8	4201368.22	0.04035	72.97	72.97	0	ANNUAL	ROAD2	5
607047.8	4201368.22	0.04305	72.38	72.38	0	ANNUAL	ROAD2	5
607067.8	4201368.22	0.04598	71.52	71.52	0	ANNUAL	ROAD2	5
607087.8	4201368.22	0.04888	70.89	70.89	0	ANNUAL	ROAD2	5
607107.8	4201368.22	0.05142	70.61	70.61	0	ANNUAL	ROAD2	5
607127.8	4201368.22	0.05385	70.28	70.28	0	ANNUAL	ROAD2	5
607147.8	4201368.22	0.05622	69.85	69.85	0	ANNUAL	ROAD2	5
607167.8	4201368.22	0.05862	69.5	69.5	0	ANNUAL	ROAD2	5
607187.8	4201368.22	0.06122	69.28	69.28	0	ANNUAL	ROAD2	5
607207.8	4201368.22	0.06426	69.39	69.39	0	ANNUAL	ROAD2	5
607227.8	4201368.22	0.06785	69.58	69.58	0	ANNUAL	ROAD2	5
607247.8	4201368.22	0.07201	69.65	69.65	0	ANNUAL	ROAD2	5
607267.8	4201368.22	0.07669	69.7	69.7	0	ANNUAL	ROAD2	5
607287.8	4201368.22	0.08185	70.02	70.02	0	ANNUAL	ROAD2	5
607307.8	4201368.22	0.08758	70.27	70.27	0	ANNUAL	ROAD2	5
606527.8	4201388.22	0.01236	75.7	81.06	0	ANNUAL	ROAD2	5
606547.8	4201388.22	0.01319	74.88	80.41	0	ANNUAL	ROAD2	5
606567.8	4201388.22	0.01368	74.43	74.43	0	ANNUAL	ROAD2	5
606587.8	4201388.22	0.01412	74.41	74.41	0	ANNUAL	ROAD2	5
606607.8	4201388.22	0.01458	74.42	74.42	0	ANNUAL	ROAD2	5
606627.8	4201388.22	0.01509	74.25	74.25	0	ANNUAL	ROAD2	5
606647.8	4201388.22	0.01562	74.16	74.16	0	ANNUAL	ROAD2	5
606667.8	4201388.22	0.0162	74.07	74.07	0	ANNUAL	ROAD2	5
606687.8	4201388.22	0.01677	74.15	74.15	0	ANNUAL	ROAD2	5
606707.8	4201388.22	0.01736	74.39	74.39	0	ANNUAL	ROAD2	5
606727.8	4201388.22	0.01794	74.91	74.91	0	ANNUAL	ROAD2	5
606747.8	4201388.22	0.01816	75.77	75.77	0	ANNUAL	ROAD2	5
606767.8	4201388.22	0.01892	75.89	75.89	0	ANNUAL	ROAD2	5
606787.8	4201388.22	0.0199	75.47	75.47	0	ANNUAL	ROAD2	5
606807.8	4201388.22	0.021	75.36	75.36	0	ANNUAL	ROAD2	5
606827.8	4201388.22	0.02209	75.2	75.2	0	ANNUAL	ROAD2	5
606847.8	4201388.22	0.02326	74.97	74.97	0	ANNUAL	ROAD2	5
606867.8	4201388.22	0.02452	74.72	74.72	0	ANNUAL	ROAD2	5
606887.8	4201388.22	0.02588	74.55	74.55	0	ANNUAL	ROAD2	5
606907.8	4201388.22	0.02737	74.39	74.39	0	ANNUAL	ROAD2	5
606927.8	4201388.22	0.02897	74.31	74.31	0	ANNUAL	ROAD2	5
606947.8	4201388.22	0.03071	74.26	74.26	0	ANNUAL	ROAD2	5
606967.8	4201388.22	0.03257	74.26	74.26	0	ANNUAL	ROAD2	5
606987.8	4201388.22	0.03456	74.18	74.18	0	ANNUAL	ROAD2	5
607007.8	4201388.22	0.03673	73.82	73.82	0	ANNUAL	ROAD2	5
607027.8	4201388.22	0.03943	72.26	72.99	0	ANNUAL	ROAD2	5
607047.8	4201388.22	0.04196	71.49	71.49	0	ANNUAL	ROAD2	5
607067.8	4201388.22	0.04453	70.64	70.64	0	ANNUAL	ROAD2	5
607087.8	4201388.22	0.04673	70.16	70.16	0	ANNUAL	ROAD2	5
607107.8	4201388.22	0.04879	69.95	69.95	0	ANNUAL	ROAD2	5
607127.8	4201388.22	0.05076	69.73	69.73	0	ANNUAL	ROAD2	5
607147.8	4201388.22	0.05271	69.39	69.39	0	ANNUAL	ROAD2	5
607167.8	4201388.22	0.05476	69.05	69.05	0	ANNUAL	ROAD2	5
607187.8	4201388.22	0.05708	68.79	68.79	0	ANNUAL	ROAD2	5
607207.8	4201388.22	0.05984	68.61	68.61	0	ANNUAL	ROAD2	5
607227.8	4201388.22	0.06305	68.9	68.9	0	ANNUAL	ROAD2	5
607247.8	4201388.22	0.06673	69.03	69.03	0	ANNUAL	ROAD2	5
607267.8	4201388.22	0.07081	69.31	69.31	0	ANNUAL	ROAD2	5
607287.8	4201388.22	0.07528	69.81	69.81	0	ANNUAL	ROAD2	5
607307.8	4201388.22	0.08021	70.05	70.05	0	ANNUAL	ROAD2	5
606527.8	4201408.22	0.01282	73.29	95.77	0	ANNUAL	ROAD2	5
606547.8	4201408.22	0.01317	73.49	95.77	0	ANNUAL	ROAD2	5
606567.8	4201408.22	0.01355	73.71	93.18	0	ANNUAL	ROAD2	5
606587.8	4201408.22	0.01393	73.99	73.99	0	ANNUAL	ROAD2	5
606607.8	4201408.22	0.01438	73.95	73.95	0	ANNUAL	ROAD2	5
606627.8	4201408.22	0.01489	73.72	73.72	0	ANNUAL	ROAD2	5
606647.8	4201408.22	0.01543	73.49	73.49	0	ANNUAL	ROAD2	5
606667.8	4201408.22	0.01596	73.59	73.59	0	ANNUAL	ROAD2	5
606687.8	4201408.22	0.01651	73.8	73.8	0	ANNUAL	ROAD2	5
606707.8	4201408.22	0.01712	73.9	73.9	0	ANNUAL	ROAD2	5
606727.8	4201408.22	0.01776	74.12	74.12	0	ANNUAL	ROAD2	5
606747.8	4201408.22	0.01839	74.63	74.63	0	ANNUAL	ROAD2	5
606767.8	4201408.22	0.01889	75.4	75.4	0	ANNUAL	ROAD2	5
606787.8	4201408.22	0.01988	75.1	75.1	0	ANNUAL	ROAD2	5
606807.8	4201408.22	0.02063	75.4	75.4	0	ANNUAL	ROAD2	5
606827.8	4201408.22	0.02178	75.05	75.05	0	ANNUAL	ROAD2	5
606847.8	4201408.22	0.02293	74.8	74.8	0	ANNUAL	ROAD2	5
606867.8	4201408.22	0.02417	74.56	74.56	0	ANNUAL	ROAD2	5
606887.8	4201408.22	0.02553	74.31	74.31	0	ANNUAL	ROAD2	5
606907.8	4201408.22	0.02699	74.15	74.15	0	ANNUAL	ROAD2	5
606927.8	4201408.22	0.02866	73.63	73.63	0	ANNUAL	ROAD2	5
606947.8	4201408.22	0.03034	73.58	74.15	0	ANNUAL	ROAD2	5
606967.8	4201408.22	0.03212	73.54	74.14	0	ANNUAL	ROAD2	5
606987.8	4201408.22	0.034	73.4	74.17	0	ANNUAL	ROAD2	5
607007.8	4201408.22	0.0363	72.14	74.15	0	ANNUAL	ROAD2	5
607027.8	4201408.22	0.03886	70.29	74.15	0	ANNUAL	ROAD2	5
607047.8	4201408.22	0.04083	69.79	70.22	0	ANNUAL	ROAD2	5
607067.8	4201408.22	0.04273	69.44	69.44	0	ANNUAL	ROAD2	5
607087.8	4201408.22	0.04452	69.17	69.17	0	ANNUAL	ROAD2	5
607107.8	4201408.22	0.04621	69.09	69.09	0	ANNUAL	ROAD2	5
607127.8	4201408.22	0.04783	69.06	69.06	0	ANNUAL	ROAD2	5
607147.8	4201408.22	0.04948	68.88	68.88	0	ANNUAL	ROAD2	5
607167.8	4201408.22	0.05129	68.65	68.65	0	ANNUAL	ROAD2	5
607187.8	4201408.22	0.05341	68.39	68.39	0	ANNUAL	ROAD2	5
607207.8	4201408.22	0.05592	68.18	68.18	0	ANNUAL	ROAD2	5
607227.8	4201408.22	0.05884	68.16	68.16	0	ANNUAL	ROAD2	5
607247.8	4201408.22	0.06213	68.4	68.4	0	ANNUAL	ROAD2	5
607267.8	4201408.22	0.06566	69.09	69.09	0	ANNUAL	ROAD2	5
607287.8	4201408.22	0.06955	69.64	69.64	0	ANNUAL	ROAD2	5
607307.8	4201408.22	0.07385	69.91	69.91	0	ANNUAL	ROAD2	5
606533.18	4201421.18	0.01283	72.86	95.88	0	ANNUAL	ROAD2	5
606553.18	4201421.18	0.01311	73.53	95.77	0	ANNUAL	ROAD2	5
606573.18	4201421.18	0.01349	73.7	94.24	0	ANNUAL	ROAD2	5
606593.18	4201421.18	0.01388	73.97	93.41	0	ANNUAL	ROAD2	5
606613.18	4201421.18	0.01433	74	74	0	ANNUAL	ROAD2	5
606633.18	4201421.18	0.01486	73.61	73.61	0	ANNUAL	ROAD2	5
606653.18	4201421.18	0.01546	73.04	73.04	0	ANNUAL	ROAD2	5
606673.18	4201421.18	0.01601	73.01	73.01	0	ANNUAL	ROAD2	5
606693.18	4201421.18	0.01654	73.4	73.4	0	ANNUAL	ROAD2	5
606713.18	4201421.18	0.01715	73.55	73.55	0	ANNUAL	ROAD2	5
606727.8	4201423.25	0.01759	73.67	73.67	0	ANNUAL	ROAD2	5
606747.8	4201423.25	0.01826	74.04	74.04	0	ANNUAL	ROAD2	5
606767.8	4201423.25	0.01893	74.6	74.6	0	ANNUAL	ROAD2	5
606787.8	4201423.25	0.01973	74.8	74.8	0	ANNUAL	ROAD2	5
606807.8	4201423.25	0.02032	75.43	75.43	0	ANNUAL	ROAD2	5
606827.8	4201428.22	0.0214	75.24	75.24	0	ANNUAL	ROAD2	5
606847.8	4201428.22	0.02261	74.78	74.78	0	ANNUAL	ROAD2	5
606867.8	4201428.22	0.02383	74.56	74.56	0	ANNUAL	ROAD2	5
606887.8	4201428.22	0.02518	74.28	74.28	0	ANNUAL	ROAD2	5
606907.8	4201428.22	0.0268	73.23	74.22	0	ANNUAL	ROAD2	5
606927.8	4201428.22	0.0287	71.65	74.14	0	ANNUAL	ROAD2	5
606947.8	4201428.22	0.03051	70.99	74.15	0	ANNUAL	ROAD2	5
606967.8	4201428.22	0.03228	70.65	74.23	0	ANNUAL	ROAD2	5
606987.8	4201428.22	0.03408	69.97	74.23	0	ANNUAL	ROAD2	5
607007.8	4201428.22	0.03587	68.89	74.28	0	ANNUAL	ROAD2	5
607027.8	4201428.22	0.03757	68.08	74.2	0	ANNUAL	ROAD2	5
607047.8	4201428.22	0.03923	67.98	74.15	0	ANNUAL	ROAD2	5
607067.8	4201428.22	0.04082	68.2	68.2	0	ANNUAL	ROAD2	5
607087.8	4201428.22	0.0423	68.26	68.26	0	ANNUAL	ROAD2	5
607107.8	4201428.22	0.0437	68.27	68.27	0	ANNUAL	ROAD2	5
607127.8	4201428.22	0.04508	68.37	68.37	0	ANNUAL	ROAD2	5
607147.8	4201428.22	0.04654	68.41	68.41	0	ANNUAL	ROAD2	5
607167.8	4201428.22	0.04819	68.27	68.27	0	ANNUAL	ROAD2	5
607187.8	4201428.22	0.05013	67.97	67.97	0	ANNUAL	ROAD2	5
607207.8	4201428.22	0.05242	67.76	67.76	0	ANNUAL	ROAD2	5
607227.8	4201428.22	0.05505	67.68	67.68	0	ANNUAL	ROAD2	5
607247.8	4201428.22	0.058	68.12	68.12	0	ANNUAL	ROAD2	5
607267.8	4201428.22	0.0611	69.16	69.16	0	ANNUAL	ROAD2	5
607287.8	4201428.22	0.06454	69.46	69.46	0	ANNUAL	ROAD2	5
607307.8	4201428.22	0.06832	69.8	69.8	0	ANNUAL	ROAD2	5
606357.31	4200991.9	0.01997	76.62	76.62	0	ANNUAL	ROAD2	5
606373.3	4200990.76	0.02061	76.28	76.28	0	ANNUAL	ROAD2	5
606393.3	4200990.76	0.02131	76.23	76.23	0	ANNUAL	ROAD2	5
606413.3	4200990.76	0.02204	76.18	76.18	0	ANNUAL	ROAD2	5
606433.3	4200990.76	0.02283	76.06	76.06	0	ANNUAL	ROAD2	5
606453.3	4200990.76	0.02369	75.87	75.87	0	ANNUAL	ROAD2	5
606473.3	4200990.76	0.02461	75.69	75.69	0	ANNUAL	ROAD2	5
606493.3	4200990.76	0.02555	75.53	75.53	0	ANNUAL	ROAD2	5
606513.3	4200990.76	0.02654	75.47	75.47	0	ANNUAL	ROAD2	5
606355.59	4201005.6	0.01901	77.52	77.52	0	ANNUAL	ROAD2	5
606375.59	4201005.6	0.01968	77.14	77.14	0	ANNUAL	ROAD2	5
606393.3	4201010.76	0.01994	77.18	77.18	0	ANNUAL	ROAD2	5
606413.3	4201010.76	0.02065	76.93	76.93	0	ANNUAL	ROAD2	5
606433.3	4201010.76	0.0214	76.64	76.64	0	ANNUAL	ROAD2	5
606453.3	4201010.76	0.0222	76.39	76.39	0	ANNUAL	ROAD2	5
606473.3	4201010.76	0.02305	76.14	76.14	0	ANNUAL	ROAD2	5
606493.3	4201010.76	0.02392	76.03	76.03	0	ANNUAL	ROAD2	5
606513.3	4201010.76	0.02482	76.02	76.02	0	ANNUAL	ROAD2	5
606320.15	4201003.05	0.01794	78.67	78.67	0	ANNUAL	ROAD2	5
606340.15	4201003.05	0.01861	77.96	77.96	0	ANNUAL	ROAD2	5

** CONCUNIT ug /m^3
** DEPUNIT g/m ^2

607247.8	4201328.22
607267.8	4201328.22
607287.8	4201328.22
607307.8	4201328.22
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607187.8	4201348.22
607207.8	4201348.22
607227.8	4201348.22
607247.8	4201348.22
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607227.8	4201388.22
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606987.8	4201408.22
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607067.8	4201408.22
607087.8	4201408.22
607107.8	4201408.22
607127.8	4201408.22
607147.8	4201408.22
607167.8	4201408.22
607187.8	4201408.22
607207.8	4201408.22
607227.8	4201408.22
607247.8	4201408.22
607267.8	4201408.22
607287.8	4201408.22
607307.8	4201408.22
606533.18	4201421.18
606553.18	4201421.18
606573.18	4201421.18
606593.18	4201421.18
606613.18	4201421.18
606633.18	4201421.18
606653.18	4201421.18
606673.18	4201421.18
606693.18	4201421.18
606713.18	4201421.18
606727.8	4201423.25
606747.8	4201423.25
606767.8	4201423.25
606787.8	4201423.25
606807.8	4201423.25
606827.8	4201428.22
606847.8	4201428.22
606867.8	4201428.22
606887.8	4201428.22
606907.8	4201428.22
606927.8	4201428.22
606947.8	4201428.22
606967.8	4201428.22
606987.8	4201428.22
607007.8	4201428.22
607027.8	4201428.22
607047.8	4201428.22
607067.8	4201428.22
607087.8	4201428.22
607107.8	4201428.22
607127.8	4201428.22
607147.8	4201428.22
607167.8	4201428.22
607187.8	4201428.22
607207.8	4201428.22
607227.8	4201428.22
607247.8	4201428.22
607267.8	4201428.22
607287.8	4201428.22
607307.8	4201428.22
606357.31	4200991.9
606373.3	4200990.76
606393.3	4200990.76
606413.3	4200990.76
606433.3	4200990.76
606453.3	4200990.76
606473.3	4200990.76
606493.3	4200990.76
606513.3	4200990.76
606355.59	4201005.6
606375.59	4201005.6
606393.3	4201010.76
606413.3	4201010.76
606433.3	4201010.76
606453.3	4201010.76
606473.3	4201010.76
606493.3	4201010.76
606513.3	4201010.76
606320.15	4201003.05
606340.15	4201003.05

** CONCUNIT ug /m^3
** DEPUNIT g/m ^2

SHZWdaUgÛ, HRA ZFÛRANCH HRAZFÛRA NEH HRA2 .ÛLC

FAULT CONC EUSV URBA N
AUGIS AVERAG EO-ACROSS 5 YEARS FOR SOLI RCE GROU
RECEPTORS.
ZÛLV.PLZ X,AL,ZR,AB, ZR,IB,IÛ, ZR,AB)
VERAGE CONC ZÛLÛV ZHÛL ZRLNG AVR

0.06666	70.52	76.73		0 AMNUNL
0.06598	75.35	75.35		0 AMNUNL
0.06666	75.71	75.71		0 AMNUNL
0.06723	76.06	76.06		0 AMNUNL
0.06756	76	76		0 AMNUNL
0.06766	75.94	75.94		0 AMNUNL
0.06775	75.53	75.53		0 AMNUNL
0.06822	76.86	76.86		0 AMNUNL
0.06848	76.69	76.69		0 AMNUNL
0.06867	74.6	74.6		0 AMNUNL
0.06887	72.81	76.73		0 AMNUNL
0.06949	76.7	76.7		0 AMNUNL
0.06955	76.13	76.13		0 AMNUNL
0.06972	75.64	75.64		0 AMNUNL
0.06108	75.57	75.57		0 AMNUNL
0.06169	75.59	75.59		0 AMNUNL
0.06171	75.7	75.7		0 AMNUNL
0.06226	75.02	75.02		0 AMNUNL
0.06275	76.76	76.76		0 AMNUNL
0.06313	74.64	74.64		0 AMNUNL
0.06344	76.44	76.44		0 AMNUNL
0.06365	76.23	76.23		0 AMNUNL
0.06533	68.27	76.73		0 AMNUNL
0.06535	72.08	76.73		0 AMNUNL
0.06277	75.92	75.92		0 AMNUNL
0.06356	75.67	75.67		0 AMNUNL
0.06432	75.54	75.54		0 AMNUNL
0.06473	75.47	75.47		0 AMNUNL
0.06546	75.48	75.48		0 AMNUNL
0.06557	75.39	75.39		0 AMNUNL
0.06561	75.11	75.11		0 AMNUNL
0.06739	74.84	74.84		0 AMNUNL
0.06855	74.64	74.64		0 AMNUNL
0.06861	74.44	74.44		0 AMNUNL
0.06905	74.24	74.24		0 AMNUNL
0.06941	72.74	72.74		0 AMNUNL
0.06959	72.49	72.49		0 AMNUNL
0.06966	72.16	72.16		0 AMNUNL
0.06996	71.91	71.91		0 AMNUNL
0.06960	71.59	71.59		0 AMNUNL
0.06966	71.34	71.34		0 AMNUNL
0.2067	70.96	70.96		0 AMNUNL
0.05426	68.53	76.73		0 AMNUNL
0.06476	72.65	76.69		0 AMNUNL
0.05533	75.39	75.39		0 AMNUNL
0.05663	75.46	75.46		0 AMNUNL
0.0578	75.53	75.53		0 AMNUNL
0.05865	75.68	75.68		0 AMNUNL
0.05926	75.64	75.64		0 AMNUNL
0.06025	75.33	75.33		0 AMNUNL
0.0613	75.14	75.14		0 AMNUNL
0.06138	74.94	74.94		0 AMNUNL
0.06158	74.64	74.64		0 AMNUNL
0.06462	73.6	73.6		0 AMNUNL
0.06469	73.34	73.34		0 AMNUNL
0.06499	73.04	73.04		0 AMNUNL
0.06588	72.79	72.79		0 AMNUNL
0.06476	72.54	72.54		0 AMNUNL
0.06556	72.26	72.26		0 AMNUNL
0.06643	71.98	71.98		0 AMNUNL
0.06644	71.67	71.67		0 AMNUNL
0.06668	71.4	71.4		0 AMNUNL
0.06699	71.1	71.1		0 AMNUNL
0.05465	72.76	75.53		0 AMNUNL
0.05513	75.44	75.44		0 AMNUNL
0.05654	75.32	75.32		0 AMNUNL
0.06055	75.46	75.46		0 AMNUNL
0.06151	75.11	75.11		0 AMNUNL
0.06278	75.51	75.51		0 AMNUNL
0.06386	75.46	75.46		0 AMNUNL
0.06484	75.28	75.28		0 AMNUNL
0.06619	75.15	75.15		0 AMNUNL
0.06767	74.84	74.84		0 AMNUNL
0.07377	73.85	73.85		0 AMNUNL
0.07441	73.54	73.54		0 AMNUNL
0.07446	73.24	73.24		0 AMNUNL
0.07546	73.04	73.04		0 AMNUNL
0.07561	72.79	72.79		0 AMNUNL
0.07597	72.54	72.54		0 AMNUNL
0.07586	72.34	72.34		0 AMNUNL
0.07569	72.09	72.09		0 AMNUNL
0.07647	71.76	71.76		0 AMNUNL
0.07572	71.51	71.51		0 AMNUNL
0.07606	71.22	71.22		0 AMNUNL
0.05886	75.11	75.11		0 AMNUNL
0.06025	75.16	75.16		0 AMNUNL
0.06135	75.34	75.34		0 AMNUNL
0.06307	75.69	75.69		0 AMNUNL
0.06532	75.6	75.6		0 AMNUNL
0.06696	75.44	75.44		0 AMNUNL
0.06786	75.43	75.43		0 AMNUNL
0.06949	75.28	75.28		0 AMNUNL
0.07475	76.23	76.23		0 AMNUNL
0.08051	76.04	76.04		0 AMNUNL
0.08213	73.83	73.83		0 AMNUNL
0.08362	73.54	73.54		0 AMNUNL
0.08489	73.27	73.27		0 AMNUNL
0.08555	73.04	73.04		0 AMNUNL
0.08648	72.83	72.83		0 AMNUNL
0.08709	72.54	72.54		0 AMNUNL
0.08733	72.34	72.34		0 AMNUNL
0.08742	72.14	72.14		0 AMNUNL
0.08741	71.86	71.86		0 AMNUNL
0.08739	71.56	71.56		0 AMNUNL
0.08768	71.32	71.32		0 AMNUNL
0.05491	75.44	76.96		0 AMNUNL
0.05956	75.69	75.69		0 AMNUNL
0.06034	75.56	75.56		0 AMNUNL
0.06217	75.75	75.75		0 AMNUNL
0.06392	75.68	75.68		0 AMNUNL
0.06484	75.44	75.44		0 AMNUNL
0.0613	76.01	76.01		0 AMNUNL
0.06907	75.76	75.76		0 AMNUNL
0.07097	75.7	75.7		0 AMNUNL
0.07166	75.5	75.5		0 AMNUNL
0.08163	76.42	76.42		0 AMNUNL
0.0862	76.14	76.14		0 AMNUNL
0.08871	76.02	76.02		0 AMNUNL
0.09119	73.77	73.77		0 AMNUNL
0.09191	73.54	73.54		0 AMNUNL
0.09179	73.24	73.24		0 AMNUNL
0.09192	72.94	72.94		0 AMNUNL
0.09942	72.84	72.84		0 AMNUNL
0.10077	72.62	72.62		0 AMNUNL
0.10177	72.36	72.36		0 AMNUNL
0.10236	72.14	72.14		0 AMNUNL
0.10239	71.94	71.94		0 AMNUNL
0.10278	71.65	71.65		0 AMNUNL
0.1029	71.44	71.44		0 AMNUNL
0.05802	75.72	75.72		0 AMNUNL
0.05966	75.58	76.96		0 AMNUNL
0.06138	75.7	75.7		0 AMNUNL
0.06296	76	76		0 AMNUNL
0.06472	76.17	76.17		0 AMNUNL
0.06647	76.14	76.14		0 AMNUNL
0.06849	76.14	76.14		0 AMNUNL
0.07049	76.15	76.15		0 AMNUNL
0.07264	75.94	75.94		0 AMNUNL
0.08425	74.8	74.8		0 AMNUNL
0.08726	74.58	74.58		0 AMNUNL
0.09045	74.34	74.34		0 AMNUNL
0.09376	74.14	74.14		0 AMNUNL
0.09719	73.97	73.97		0 AMNUNL
0.10069	73.74	73.74		0 AMNUNL
0.10421	73.48	73.48		0 AMNUNL
0.10771	73.24	73.24		0 AMNUNL
0.111	73.04	73.04		0 AMNUNL
0.11413	72.84	72.84		0 AMNUNL
0.11699	72.58	72.58		0 AMNUNL
0.11928	72.44	72.44		0 AMNUNL
0.1212	72.14	72.14		0 AMNUNL
0.12246	71.94	71.94		0 AMNUNL
0.12315	71.74	71.74		0 AMNUNL
0.12343	71.57	71.57		0 AMNUNL
0.05025	74.9	74.9		0 AMNUNL
0.05148	74.95	74.95		0 AMNUNL
0.05317	75.04	75.04		0 AMNUNL
0.05421	75.05	75.05		0 AMNUNL
0.05591	74.84	74.84		0 AMNUNL
0.05748	75.04	75.04		0 AMNUNL
0.05982	75.44	75.44		0 AMNUNL
0.06153	76.07	76.07		0 AMNUNL
0.06332	76.23	76.23		0 AMNUNL
0.06518	76.45	76.45		0 AMNUNL
0.06715	76.41	76.41		0 AMNUNL
0.06922	76.36	76.36		0 AMNUNL
0.07142	76.26	76.26		0 AMNUNL
0.07367	76.14	76.14		0 AMNUNL
0.0897	74.74	74.74		0 AMNUNL
0.0919	74.54	74.54		0 AMNUNL
0.09718	74.34	74.34		0 AMNUNL
0.10129	74.14	74.14		0 AMNUNL
0.1057	73.94	73.94		0 AMNUNL
0.11016	73.7	73.7		0 AMNUNL
0.1152	73.44	73.44		0 AMNUNL
0.12019	73.24	73.24		0 AMNUNL
0.1253	73.04	73.04		0 AMNUNL
0.13041	72.84	72.84		0 AMNUNL
0.1355	72.63	72.63		0 AMNUNL
0.14025	72.44	72.44		0 AMNUNL
0.14455	72.24	72.24		0 AMNUNL
0.14805	72	72		0 AMNUNL
0.15069	71.76	71.76		0 AMNUNL
0.1318	71.73	71.73		0 AMNUNL
0.05041	75.45	75.45		0 AMNUNL
0.05181	75.47	75.47		0 AMNUNL
0.05285	75.33	75.33		0 AMNUNL
0.05426	75.28	75.28		0 AMNUNL
0.05576	75.21	75.21		0 AMNUNL
0.05726	75.36	75.36		0 AMNUNL
0.05947	75.5	75.5		0 AMNUNL
0.06126	75.7	75.7		0 AMNUNL
0.06303	75.28	75.28		0 AMNUNL
0.06522	76.55	76.55		0 AMNUNL
0.06728	76.71	76.71		0 AMNUNL
0.06942	76.58	76.58		0 AMNUNL
0.06164	75.4	75.4		0 AMNUNL
0.06759	75.14	75.14		0 AMNUNL
0.06128	74.94	74.94		0 AMNUNL
0.06191	74.74	74.74		0 AMNUNL
0.06909	74.54	74.54		0 AMNUNL
0.10363	74.34	74.34		0 AMNUNL
0.10911	74.14	74.14		0 AMNUNL
0.11397	73.94	73.94		0 AMNUNL
0.11986	73.64	73.64		0 AMNUNL
0.1261	73.44	73.44		0 AMNUNL
0.13191	73.24	73.24		0 AMNUNL
0.13651	73.04	73.04		0 AMNUNL
0.14747	72.84	72.84		0 AMNUNL
0.15172	72.44	72.44		0 AMNUNL
0.16403	72.44	72.44		0 AMNUNL
0.17231	72.24	72.24		0 AMNUNL
0.18039	72.04	72.04		0 AMNUNL
0.18792	71.88	71.88		0 AMNUNL
0.05148	76	76		0 AMNUNL
0.05316	75.9	75.9		0 AMNUNL
0.0545	75.79	75.79		0 AMNUNL
0.05603	75.7	75.7		0 AMNUNL
0.05799	75.62	75.62		0 AMNUNL
0.05932	75.77	75.77		0 AMNUNL
0.06138	76.03	76.03		0 AMNUNL
0.06295	76.15	76.15		0 AMNUNL
0.06487	76.55	76.55		0 AMNUNL
0.06141	75.91	75.91		0 AMNUNL
0.06561	75.69	75.69		0 AMNUNL
0.06796	75.37	75.37		0 AMNUNL
0.07147	74.94	74.94		0 AMNUNL
0.09148	74.94	74.94		0 AMNUNL
0.09979	74.74	74.74		0 AMNUNL
0.10651	74.54	74.54		0 AMNUNL
0.10971	74.34	74.34		0 AMNUNL
0.11543	74.14	74.14		0 AMNUNL
0.12178	73.94	73.94		0 AMNUNL
0.12893	73.65	73.65		0 AMNUNL
0.1361	73.44	73.44		0 AMNUNL
0.14398	73.24	73.24		0 AMNUNL
0.15438	73.04	73.04		0 AMNUNL
0.16427	72.84	72.84		0 AMNUNL
0.17507	72.64	72.64		0 AMNUNL
0.18915	72.44	72.44		0 AMNUNL
0.2011	72.24	72.24		0 AMNUNL
0.21858	72.04	72.04		0 AMNUNL
0.2311	71.94	71.94		0 AMNUNL
0.07475	76.47	76.47		0 AMNUNL
0.08179	76.25	76.25		0 AMNUNL
0.08506	75.93	75.93		0 AMNUNL
0.08855	75.7	75.7		0 AMNUNL
0.09117	75.39	75.39		0 AMNUNL
0.09317	75.14	75.14		0 AMNUNL
0.09548	74.94	74.94		0 AMNUNL
0.10127	74.74	74.74		0 AMNUNL
0.10968	74.54	74.54		0 AMNUNL
0.11515	74.34	74.34		0 AMNUNL
0.12148	74.13	74.13		0 AMNUNL
0.12886	73.97	73.97		0 AMNUNL
0.13693	73.73	73.73		0 AMNUNL
0.14584	73.51	73.51		0 AMNUNL
0.15612	73.27	73.27		0 AMNUNL
0.16761	73.07	73.07		0 AMNUNL
0.18075	72.87	72.87		0 AMNUNL
0.19187	72.67	72.67		0 AMNUNL
0.20347	72.47	72.47		0 AMNUNL
0.21587	72.28	72.28		0 AMNUNL
0.2577	72.14	72.14		0 AMNUNL
0.07211	77.08	77.08		0 AMNUNL
0.07478	76.95	76.95		0 AMNUNL
0.07763	76.67	76.67		0 AMNUNL
0.08062	76.53	76.53		0 AMNUNL
0.08386	76.24	76.24		0 AMNUNL
0.08733	75.99	75.99		0 AMNUNL
0.09106	75.64	75.64		0 AMNUNL
0.09402	75.4	75.4		0 AMNUNL
0.09703	75.14	75.14		0 AMNUNL
0.10302	74.94	74.94		0 AMNUNL
0.10815	74.77	74.77		0 AMNUNL
0.11383	74.57	74.57		0 AMNUNL

0.12009	76.43	76.43	0 ANNUAL
0.12712	76.23	76.23	0 ANNUAL
0.13416	76.03	76.03	0 ANNUAL
0.14122	75.8	75.8	0 ANNUAL
0.14828	75.57	75.57	0 ANNUAL
0.15575	75.36	75.36	0 ANNUAL
0.17907	75.14	75.14	0 ANNUAL
0.19015	72.94	72.94	0 ANNUAL
0.2128	72.74	72.74	0 ANNUAL
0.23561	72.54	72.54	0 ANNUAL
0.26126	72.28	72.28	0 ANNUAL
0.29036	72.14	72.14	0 ANNUAL
0.35161	77.42	77.42	0 ANNUAL
0.36255	77.21	77.21	0 ANNUAL
0.37475	77.05	77.05	0 ANNUAL
0.55843	76.99	76.99	0 ANNUAL
0.5862	77.02	77.02	0 ANNUAL
0.61206	77.11	77.11	0 ANNUAL
0.63628	76.99	76.99	0 ANNUAL
0.66418	77.1	77.1	0 ANNUAL
0.68844	77.08	77.08	0 ANNUAL
0.70581	77.14	77.14	0 ANNUAL
0.72137	77.08	77.08	0 ANNUAL
0.75413	76.88	76.88	0 ANNUAL
0.77969	76.71	76.71	0 ANNUAL
0.8813	76.51	76.51	0 ANNUAL
0.90163	76.22	76.22	0 ANNUAL
0.92829	75.94	75.94	0 ANNUAL
0.99124	75.69	75.69	0 ANNUAL
0.99915	75.43	75.43	0 ANNUAL
1.10107	75.23	75.23	0 ANNUAL
1.10607	75.06	75.06	0 ANNUAL
1.11132	74.84	74.84	0 ANNUAL
1.11757	74.65	74.65	0 ANNUAL
1.12161	74.47	74.47	0 ANNUAL
1.12169	74.27	74.27	0 ANNUAL
1.18227	74.13	74.13	0 ANNUAL
1.14122	73.94	73.94	0 ANNUAL
1.14131	73.67	73.67	0 ANNUAL
1.17173	73.44	73.44	0 ANNUAL
1.18868	73.21	73.21	0 ANNUAL
1.20589	72.95	72.95	0 ANNUAL
1.22615	72.74	72.74	0 ANNUAL
1.25159	72.54	72.54	0 ANNUAL
1.28266	72.34	72.34	0 ANNUAL
1.32137	72.14	72.14	0 ANNUAL
1.37048	71.94	71.94	0 ANNUAL
1.44631	71.74	71.74	0 ANNUAL
0.5	71.54	71.54	0 ANNUAL
0.7348	71.34	71.34	0 ANNUAL
1.00645	71.14	71.14	0 ANNUAL
1.12752	70.94	70.94	0 ANNUAL
0.05458	77.77	77.77	0 ANNUAL
0.0536	77.58	77.58	0 ANNUAL
0.05723	77.49	77.49	0 ANNUAL
0.05896	77.36	77.36	0 ANNUAL
0.06076	77.4	77.4	0 ANNUAL
0.0627	77.33	77.33	0 ANNUAL
0.06475	77.34	77.34	0 ANNUAL
0.06688	77.27	77.27	0 ANNUAL
0.06928	77.22	77.22	0 ANNUAL
0.07176	77.14	77.14	0 ANNUAL
0.0744	77.08	77.08	0 ANNUAL
0.07727	76.84	76.84	0 ANNUAL
0.08032	76.65	76.65	0 ANNUAL
0.08358	76.45	76.45	0 ANNUAL
0.08711	76.2	76.2	0 ANNUAL
0.09092	75.94	75.94	0 ANNUAL
0.09502	75.74	75.74	0 ANNUAL
0.09955	75.47	75.47	0 ANNUAL
0.10343	75.3	75.3	0 ANNUAL
0.10863	75.13	75.13	0 ANNUAL
0.11307	74.94	74.94	0 ANNUAL
0.11977	74.74	74.74	0 ANNUAL
0.12765	74.54	74.54	0 ANNUAL
0.13579	74.34	74.34	0 ANNUAL
0.14473	74.15	74.15	0 ANNUAL
0.1549	73.97	73.97	0 ANNUAL
0.16463	73.75	73.75	0 ANNUAL
0.18014	73.55	73.55	0 ANNUAL
0.19606	73.24	73.24	0 ANNUAL
0.21472	73.01	73.01	0 ANNUAL
0.23717	72.74	72.74	0 ANNUAL
0.26423	72.54	72.54	0 ANNUAL
0.29523	72.34	72.34	0 ANNUAL
0.34172	72.14	72.14	0 ANNUAL
0.39951	71.94	71.94	0 ANNUAL
0.47986	71.74	71.74	0 ANNUAL
0.59896	71.54	71.54	0 ANNUAL
0.79248	71.34	71.34	0 ANNUAL
1.15797	71.14	71.14	0 ANNUAL
2.03113	70.94	70.94	0 ANNUAL
0.05432	77.96	77.96	0 ANNUAL
0.05747	77.91	77.91	0 ANNUAL
0.06076	77.8	77.8	0 ANNUAL
0.06408	77.7	77.7	0 ANNUAL
0.06736	77.57	77.57	0 ANNUAL
0.06133	77.48	77.48	0 ANNUAL
0.06533	77.49	77.49	0 ANNUAL
0.06757	77.42	77.42	0 ANNUAL
0.06997	77.34	77.34	0 ANNUAL
0.07255	77.17	77.17	0 ANNUAL
0.07527	77.07	77.07	0 ANNUAL
0.0782	76.89	76.89	0 ANNUAL
0.08137	76.6	76.6	0 ANNUAL
0.08472	76.42	76.42	0 ANNUAL
0.08834	76.21	76.21	0 ANNUAL
0.09222	76.03	76.03	0 ANNUAL
0.09622	75.76	75.76	0 ANNUAL
0.10083	75.57	75.57	0 ANNUAL
0.10538	75.4	75.4	0 ANNUAL
0.11081	75.17	75.17	0 ANNUAL
0.11622	74.95	74.95	0 ANNUAL
0.12168	74.77	74.77	0 ANNUAL
0.13096	74.6	74.6	0 ANNUAL
0.13909	74.44	74.44	0 ANNUAL
0.14843	74.24	74.24	0 ANNUAL
0.15901	74.06	74.06	0 ANNUAL
0.17121	73.84	73.84	0 ANNUAL
0.18531	73.54	73.54	0 ANNUAL
0.2021	73.3	73.3	0 ANNUAL
0.22176	73.05	73.05	0 ANNUAL
0.2453	72.8	72.8	0 ANNUAL
0.27407	72.54	72.54	0 ANNUAL
0.30976	72.34	72.34	0 ANNUAL
0.35152	72.14	72.14	0 ANNUAL
0.41417	71.94	71.94	0 ANNUAL
0.50208	71.74	71.74	0 ANNUAL
0.62134	71.54	71.54	0 ANNUAL
0.81255	71.34	71.34	0 ANNUAL
1.17387	71.14	71.14	0 ANNUAL
1.93362	70.94	70.94	0 ANNUAL
0.05468	78.24	78.24	0 ANNUAL
0.05429	78.07	78.07	0 ANNUAL
0.05798	77.94	77.94	0 ANNUAL
0.05976	77.89	77.89	0 ANNUAL
0.06165	77.77	77.77	0 ANNUAL
0.06367	77.65	77.65	0 ANNUAL
0.06579	77.65	77.65	0 ANNUAL
0.06809	77.53	77.53	0 ANNUAL
0.07058	77.34	77.34	0 ANNUAL
0.07315	77.15	77.15	0 ANNUAL
0.07605	76.96	76.96	0 ANNUAL
0.07905	76.81	76.81	0 ANNUAL
0.08227	76.54	76.54	0 ANNUAL
0.08569	76.38	76.38	0 ANNUAL
0.08937	76.24	76.24	0 ANNUAL
0.09337	76.06	76.06	0 ANNUAL
0.09777	75.76	75.76	0 ANNUAL
0.10227	75.59	75.59	0 ANNUAL
0.10709	75.38	75.38	0 ANNUAL
0.11266	75.24	75.24	0 ANNUAL
0.11866	75.06	75.06	0 ANNUAL
0.12488	74.84	74.84	0 ANNUAL
0.1316	74.64	74.64	0 ANNUAL
0.14198	74.43	74.43	0 ANNUAL
0.15164	74.23	74.23	0 ANNUAL
0.16258	74.04	74.04	0 ANNUAL
0.17527	73.79	73.79	0 ANNUAL
0.18999	73.54	73.54	0 ANNUAL
0.20731	73.24	73.24	0 ANNUAL
0.22768	73.04	73.04	0 ANNUAL
0.25215	72.79	72.79	0 ANNUAL
0.28193	72.54	72.54	0 ANNUAL
0.32141	72.34	72.34	0 ANNUAL
0.36673	72.14	72.14	0 ANNUAL
0.42971	71.94	71.94	0 ANNUAL
0.51667	71.74	71.74	0 ANNUAL
0.63178	71.54	71.54	0 ANNUAL
0.84188	71.34	71.34	0 ANNUAL
1.23172	71.14	71.14	0 ANNUAL
1.93955	70.93	70.93	0 ANNUAL
0.05496	78.37	78.37	0 ANNUAL
0.05455	78.21	78.21	0 ANNUAL
0.05825	78.11	78.11	0 ANNUAL
0.06008	77.97	77.97	0 ANNUAL
0.06198	77.87	77.87	0 ANNUAL
0.06398	77.87	77.87	0 ANNUAL
0.06619	77.7	77.7	0 ANNUAL
0.06854	77.54	77.54	0 ANNUAL
0.07108	77.34	77.34	0 ANNUAL
0.07378	77.14	77.14	0 ANNUAL
0.07668	76.88	76.88	0 ANNUAL
0.07973	76.71	76.71	0 ANNUAL
0.08296	76.62	76.62	0 ANNUAL
0.08647	76.4	76.4	0 ANNUAL
0.09023	76.24	76.24	0 ANNUAL
0.09432	76.06	76.06	0 ANNUAL
0.09874	75.76	75.76	0 ANNUAL
0.10338	75.59	75.59	0 ANNUAL
0.10856	75.44	75.44	0 ANNUAL
0.11423	75.24	75.24	0 ANNUAL
0.1206	75.06	75.06	0 ANNUAL
0.12768	74.82	74.82	0 ANNUAL
0.13543	74.58	74.58	0 ANNUAL
0.14453	74.34	74.34	0 ANNUAL
0.15489	74.14	74.14	0 ANNUAL
0.16575	73.97	73.97	0 ANNUAL
0.17877	73.74	73.74	0 ANNUAL
0.19413	73.54	73.54	0 ANNUAL
0.21217	73.34	73.34	0 ANNUAL
0.23278	73	73	0 ANNUAL
0.25819	72.74	72.74	0 ANNUAL
0.28897	72.54	72.54	0 ANNUAL
0.32739	72.34	72.34	0 ANNUAL
0.37565	72.14	72.14	0 ANNUAL
0.43192	71.94	71.94	0 ANNUAL
0.51207	71.74	71.74	0 ANNUAL
0.66377	71.54	71.54	0 ANNUAL
0.87132	71.34	71.34	0 ANNUAL
1.27386	71.14	71.14	0 ANNUAL
1.97295	70.94	70.94	0 ANNUAL
0.05112	78.5	78.5	0 ANNUAL
0.05675	78.27	78.27	0 ANNUAL
0.05855	78.27	78.27	0 ANNUAL
0.06038	78.14	78.14	0 ANNUAL
0.06231	78.03	78.03	0 ANNUAL
0.06425	77.88	77.88	0 ANNUAL
0.06649	77.78	77.78	0 ANNUAL
0.06889	77.57	77.57	0 ANNUAL
0.07148	77.41	77.41	0 ANNUAL
0.07423	77.1	77.1	0 ANNUAL
0.07721	76.77	76.77	0 ANNUAL
0.08036	76.6	76.6	0 ANNUAL
0.08368	76.45	76.45	0 ANNUAL
0.08717	76.31	76.31	0 ANNUAL
0.091	76.14	76.14	0 ANNUAL
0.09511	76.02	76.02	0 ANNUAL
0.09963	75.84	75.84	0 ANNUAL
0.10434	75.59	75.59	0 ANNUAL
0.10971	75.39	75.39	0 ANNUAL
0.11534	75.17	75.17	0 ANNUAL
0.12158	74.92	74.92	0 ANNUAL
0.12766	74.74	74.74	0 ANNUAL
0.13463	74.54	74.54	0 ANNUAL
0.14243	74.32	74.32	0 ANNUAL
0.15085	74.12	74.12	0 ANNUAL
0.16084	73.93	73.93	0 ANNUAL
0.18135	73.63	73.63	0 ANNUAL
0.19742	73.42	73.42	0 ANNUAL
0.21537	73.22	73.22	0 ANNUAL
0.23737	72.93	72.93	0 ANNUAL
0.26168	72.74	72.74	0 ANNUAL
0.29336	72.54	72.54	0 ANNUAL
0.33468	72.34	72.34	0 ANNUAL
0.38577	72.14	72.14	0 ANNUAL
0.45399	71.94	71.94	0 ANNUAL
0.54633	71.74	71.74	0 ANNUAL
0.68282	71.54	71.54	0 ANNUAL
0.89764	71.34	71.34	0 ANNUAL
1.27431	71.12	71.12	0 ANNUAL
2.03188	70.84	70.84	0 ANNUAL
0.0514	78.59	78.59	0 ANNUAL
0.0549	78.52	78.52	0 ANNUAL
0.05862	78.4	78.4	0 ANNUAL
0.06245	78.27	78.27	0 ANNUAL
0.06238	78.19	78.19	0 ANNUAL
0.06445	78.08	78.08	0 ANNUAL
0.06662	77.94	77.94	0 ANNUAL
0.06913	77.84	77.84	0 ANNUAL
0.07177	77.66	77.66	0 ANNUAL
0.07458	77.66	77.66	0 ANNUAL
0.07758	76.77	76.77	0 ANNUAL
0.08077	76.55	76.55	0 ANNUAL
0.08415	76.36	76.36	0 ANNUAL
0.08776	76.19	76.19	0 ANNUAL
0.09146	76.01	76.01	0 ANNUAL
0.09562	75.89	75.89	0 ANNUAL
0.10049	75.72	75.72	0 ANNUAL
0.10517	75.54	75.54	0 ANNUAL
0.11072	75.28	75.28	0 ANNUAL
0.11671	75.04	75.04	0 ANNUAL
0.12331	74.84	74.84	0 ANNUAL
0.13078	74.61	74.61	0 ANNUAL
0.13909	74.42	74.42	0 ANNUAL
0.14843	74.22	74.22	0 ANNUAL
0.15888	74.03	74.03	0 ANNUAL
0.17088	73.78	73.78	0 ANNUAL
0.18496	73.52	73.52	0 ANNUAL
0.20052	73.32	73.32	0 ANNUAL
0.21884	73.12	73.12	0 ANNUAL
0.24125	72.92	72.91	0 ANNUAL
0.26793	72.74	72.74	0 ANNUAL
0.30059	72.48	72.48	0 ANNUAL

0.38155	72.24	72.24	0 ANNUAL
0.38155	72.04	72.04	0 ANNUAL
0.38155	71.84	71.84	0 ANNUAL
0.56057	71.65	71.65	0 ANNUAL
0.70138	71.49	71.49	0 ANNUAL
0.92189	71.34	71.34	0 ANNUAL
1.01007	71.14	71.14	0 ANNUAL
2.09556	70.91	70.91	0 ANNUAL
0.55141	78.74	78.74	0 ANNUAL
0.55758	78.6	78.6	0 ANNUAL
0.55876	78.52	78.52	0 ANNUAL
0.56057	78.41	78.41	0 ANNUAL
0.56251	78.3	78.3	0 ANNUAL
0.56407	78.19	78.19	0 ANNUAL
0.56407	77.94	77.94	0 ANNUAL
0.56556	77.61	77.61	0 ANNUAL
0.57188	77.37	77.37	0 ANNUAL
0.57478	77.16	77.16	0 ANNUAL
0.57783	76.85	76.85	0 ANNUAL
0.58108	76.64	76.64	0 ANNUAL
0.58439	76.4	76.4	0 ANNUAL
0.58815	76.21	76.21	0 ANNUAL
0.59214	75.94	75.94	0 ANNUAL
0.59641	75.73	75.73	0 ANNUAL
0.59921	75.54	75.54	0 ANNUAL
0.10602	75.39	75.39	0 ANNUAL
0.11151	75.23	75.23	0 ANNUAL
0.11759	74.98	74.98	0 ANNUAL
0.12438	74.73	74.73	0 ANNUAL
0.13193	74.54	74.54	0 ANNUAL
0.1404	74.34	74.34	0 ANNUAL
0.14996	74.13	74.13	0 ANNUAL
0.16064	73.93	73.93	0 ANNUAL
0.17298	73.61	73.61	0 ANNUAL
0.18702	73.41	73.41	0 ANNUAL
0.20328	73.18	73.18	0 ANNUAL
0.22197	72.96	72.96	0 ANNUAL
0.24344	72.64	72.64	0 ANNUAL
0.27202	72.44	72.44	0 ANNUAL
0.30136	72.44	72.44	0 ANNUAL
0.34711	72.24	72.24	0 ANNUAL
0.40295	72.03	72.03	0 ANNUAL
0.47116	71.77	71.77	0 ANNUAL
0.57245	71.6	71.6	0 ANNUAL
0.71796	71.42	71.42	0 ANNUAL
0.93285	71.35	71.35	0 ANNUAL
1.34439	71.14	71.14	0 ANNUAL
2.14176	70.96	70.96	0 ANNUAL
0.56556	78.74	78.74	0 ANNUAL
0.56712	78.74	78.74	0 ANNUAL
0.56865	78.59	78.59	0 ANNUAL
0.56564	78.55	78.55	0 ANNUAL
0.56242	78.37	78.37	0 ANNUAL
0.56372	78.2	78.2	0 ANNUAL
0.56702	77.92	77.92	0 ANNUAL
0.56909	77.63	77.63	0 ANNUAL
0.57211	77.44	77.44	0 ANNUAL
0.57455	77.24	77.24	0 ANNUAL
0.57795	76.99	76.99	0 ANNUAL
0.58117	76.74	76.74	0 ANNUAL
0.58473	76.44	76.44	0 ANNUAL
0.58846	76.18	76.18	0 ANNUAL
0.5924	75.88	75.88	0 ANNUAL
0.59686	75.64	75.64	0 ANNUAL
0.10166	75.44	75.44	0 ANNUAL
0.10669	75.22	75.22	0 ANNUAL
0.11221	74.91	74.91	0 ANNUAL
0.11829	74.9	74.9	0 ANNUAL
0.12516	74.74	74.74	0 ANNUAL
0.13282	74.49	74.49	0 ANNUAL
0.14142	74.23	74.23	0 ANNUAL
0.15105	74.04	74.04	0 ANNUAL
0.16194	73.78	73.78	0 ANNUAL
0.17476	73.41	73.41	0 ANNUAL
0.18908	73.23	73.23	0 ANNUAL
0.20557	73.03	73.03	0 ANNUAL
0.22495	72.84	72.84	0 ANNUAL
0.24781	72.73	72.73	0 ANNUAL
0.27567	72.51	72.51	0 ANNUAL
0.30955	72.42	72.42	0 ANNUAL
0.35188	72.15	72.15	0 ANNUAL
0.40766	71.95	71.95	0 ANNUAL
0.48116	71.7	71.7	0 ANNUAL
0.58127	71.51	71.51	0 ANNUAL
0.73236	71.34	71.34	0 ANNUAL
0.96612	71.23	71.23	0 ANNUAL
1.37576	71.12	71.12	0 ANNUAL
2.21814	70.96	70.96	0 ANNUAL
0.55315	79.03	79.03	0 ANNUAL
0.55729	78.85	78.85	0 ANNUAL
0.55896	78.65	78.65	0 ANNUAL
0.56076	78.53	78.53	0 ANNUAL
0.56257	78.41	78.41	0 ANNUAL
0.56495	78.13	78.13	0 ANNUAL
0.56673	77.94	77.94	0 ANNUAL
0.56955	77.71	77.71	0 ANNUAL
0.57215	77.54	77.54	0 ANNUAL
0.57528	77.21	77.21	0 ANNUAL
0.57826	77	77	0 ANNUAL
0.58118	76.73	76.73	0 ANNUAL
0.58489	76.4	76.4	0 ANNUAL
0.58842	76.21	76.21	0 ANNUAL
0.59276	75.85	75.85	0 ANNUAL
0.5972	75.6	75.6	0 ANNUAL
0.10193	75.37	75.37	0 ANNUAL
0.10756	75.2	75.2	0 ANNUAL
0.11363	74.96	74.96	0 ANNUAL
0.12037	74.74	74.74	0 ANNUAL
0.12785	74.52	74.52	0 ANNUAL
0.13166	74.41	74.41	0 ANNUAL
0.14211	74.23	74.23	0 ANNUAL
0.15181	74.01	74.01	0 ANNUAL
0.1631	73.84	73.84	0 ANNUAL
0.17502	73.27	73.27	0 ANNUAL
0.19038	73.05	73.05	0 ANNUAL
0.20748	72.91	72.91	0 ANNUAL
0.22797	72.71	72.71	0 ANNUAL
0.25043	72.58	72.58	0 ANNUAL
0.27567	72.41	72.41	0 ANNUAL
0.31355	73.2	73.2	0 ANNUAL
0.35402	72.06	72.06	0 ANNUAL
0.4131	71.86	71.86	0 ANNUAL
0.48799	71.64	71.64	0 ANNUAL
0.59095	71.48	71.48	0 ANNUAL
0.76098	71.34	71.34	0 ANNUAL
0.98576	71.14	71.14	0 ANNUAL
1.39143	71.05	71.05	0 ANNUAL
2.15472	70.91	70.91	0 ANNUAL
0.55156	79.16	79.16	0 ANNUAL
0.55315	78.94	78.94	0 ANNUAL
0.559	78.79	78.79	0 ANNUAL
0.56095	78.54	78.54	0 ANNUAL
0.56298	78.3	78.3	0 ANNUAL
0.56456	78.11	78.11	0 ANNUAL
0.56572	77.89	77.89	0 ANNUAL
0.5696	77.72	77.72	0 ANNUAL
0.57129	77.58	77.58	0 ANNUAL
0.57512	77.17	77.17	0 ANNUAL
0.57918	76.86	76.86	0 ANNUAL
0.58152	76.52	76.52	0 ANNUAL
0.58656	76.43	76.43	0 ANNUAL
0.58968	76.24	76.24	0 ANNUAL
0.59416	75.94	75.94	0 ANNUAL
0.59715	75.65	75.65	0 ANNUAL
0.10129	75.41	75.41	0 ANNUAL
0.10732	75.19	75.19	0 ANNUAL
0.11291	74.95	74.95	0 ANNUAL
0.11917	74.74	74.74	0 ANNUAL
0.12613	74.54	74.54	0 ANNUAL
0.13391	74.34	74.34	0 ANNUAL
0.14243	74.14	74.14	0 ANNUAL
0.15242	73.9	73.9	0 ANNUAL
0.16388	73.69	73.69	0 ANNUAL
0.17707	73.41	73.41	0 ANNUAL
0.19168	72.93	72.93	0 ANNUAL
0.20872	72.71	72.71	0 ANNUAL
0.22864	72.6	72.6	0 ANNUAL
0.2523	72.48	72.48	0 ANNUAL
0.28122	72.25	72.25	0 ANNUAL
0.3178	71.92	71.92	0 ANNUAL
0.36108	71.9	71.9	0 ANNUAL
0.41782	71.77	71.77	0 ANNUAL
0.49151	71.52	71.52	0 ANNUAL
0.59971	71.31	71.31	0 ANNUAL
0.77512	71.22	71.22	0 ANNUAL
0.99142	71.02	71.02	0 ANNUAL
1.40498	70.94	70.94	0 ANNUAL
2.26491	70.92	70.92	0 ANNUAL
0.55161	79.35	79.35	0 ANNUAL
0.5576	79.03	79.03	0 ANNUAL
0.56068	78.73	78.73	0 ANNUAL
0.561	78.37	78.37	0 ANNUAL
0.56161	78.07	78.07	0 ANNUAL
0.5611	77.89	77.89	0 ANNUAL
0.56743	77.73	77.73	0 ANNUAL
0.57127	77.39	77.39	0 ANNUAL
0.57137	77.24	77.24	0 ANNUAL
0.57515	76.91	76.91	0 ANNUAL
0.57926	76.75	76.75	0 ANNUAL
0.58154	76.48	76.48	0 ANNUAL
0.58615	76.32	76.32	0 ANNUAL
0.58872	76.19	76.19	0 ANNUAL
0.59275	76	76	0 ANNUAL
0.59715	75.75	75.75	0 ANNUAL
0.10235	75.45	75.45	0 ANNUAL
0.1075	75.26	75.26	0 ANNUAL
0.11309	75.06	75.06	0 ANNUAL
0.1195	74.76	74.76	0 ANNUAL
0.12663	74.6	74.6	0 ANNUAL
0.13415	74.24	74.24	0 ANNUAL
0.1428	74.05	74.05	0 ANNUAL
0.15172	73.77	73.77	0 ANNUAL
0.1642	73.36	73.36	0 ANNUAL
0.17727	73.03	73.03	0 ANNUAL
0.1921	72.85	72.85	0 ANNUAL
0.20939	72.64	72.64	0 ANNUAL
0.22969	72.45	72.45	0 ANNUAL
0.25367	72.33	72.33	0 ANNUAL
0.28165	72	72	0 ANNUAL
0.31355	72.2	72.2	0 ANNUAL
0.35569	72.64	72.64	0 ANNUAL
0.42267	71.52	71.52	0 ANNUAL
0.49968	71.39	71.39	0 ANNUAL
0.60809	71.08	71.08	0 ANNUAL
0.76149	70.95	70.95	0 ANNUAL
0.9991	70.91	70.91	0 ANNUAL
1.43148	70.83	70.83	0 ANNUAL
2.25141	70.82	70.82	0 ANNUAL
0.55164	79.46	79.46	0 ANNUAL
0.55732	79.1	79.1	0 ANNUAL
0.55916	78.94	78.94	0 ANNUAL
0.56119	78.5	78.5	0 ANNUAL
0.56154	77.87	77.87	0 ANNUAL
0.56538	77.51	77.51	0 ANNUAL
0.56758	77.3	77.3	0 ANNUAL
0.56956	77.18	77.18	0 ANNUAL
0.57249	77.04	77.04	0 ANNUAL
0.57529	76.82	76.82	0 ANNUAL
0.57828	76.64	76.64	0 ANNUAL
0.58139	76.32	76.32	0 ANNUAL
0.58162	76.21	76.21	0 ANNUAL
0.58869	76.13	76.13	0 ANNUAL
0.59243	76.03	76.03	0 ANNUAL
0.59716	75.74	75.74	0 ANNUAL
0.10209	75.54	75.54	0 ANNUAL
0.10763	75.29	75.29	0 ANNUAL
0.11314	75.11	75.11	0 ANNUAL
0.11924	74.84	74.84	0 ANNUAL
0.1262	74.59	74.59	0 ANNUAL
0.13407	74.23	74.23	0 ANNUAL
0.14275	74.05	74.05	0 ANNUAL
0.15277	73.63	73.63	0 ANNUAL
0.16423	73.27	73.27	0 ANNUAL
0.17722	72.97	72.97	0 ANNUAL
0.19168	72.61	72.61	0 ANNUAL
0.20909	72.51	72.51	0 ANNUAL
0.2265	72.33	72.33	0 ANNUAL
0.24398	71.99	71.99	0 ANNUAL
0.2868	71.76	71.76	0 ANNUAL
0.32215	71.41	71.41	0 ANNUAL
0.36946	71.09	71.09	0 ANNUAL
0.42761	71.09	71.09	0 ANNUAL
0.50168	71.01	71.01	0 ANNUAL
0.61169	70.78	70.78	0 ANNUAL
0.76179	70.66	70.66	0 ANNUAL
0.98149	70.61	70.61	0 ANNUAL
1.42235	70.65	70.65	0 ANNUAL
2.26515	70.69	70.69	0 ANNUAL
0.2517	79.49	79.49	0 ANNUAL
0.55736	78.98	78.98	0 ANNUAL
0.55938	78.36	78.36	0 ANNUAL
0.56147	77.62	77.62	0 ANNUAL
0.56562	77.02	77.02	0 ANNUAL
0.56577	76.69	76.69	0 ANNUAL
0.56796	76.64	76.64	0 ANNUAL
0.57015	76.62	76.62	0 ANNUAL
0.57179	76.61	76.61	0 ANNUAL
0.57143	76.7	76.7	0 ANNUAL
0.57	76.83	76.83	0 ANNUAL
0.58151	76.33	76.33	0 ANNUAL
0.58163	76.05	76.05	0 ANNUAL
0.58673	75.91	75.91	0 ANNUAL
0.59163	75.86	75.86	0 ANNUAL
0.59684	75.73	75.73	0 ANNUAL
0.10191	75.54	75.54	0 ANNUAL
0.10746	75.34	75.34	0 ANNUAL
0.11306	75.1	75.1	0 ANNUAL
0.11913	74.91	74.91	0 ANNUAL
0.12588	74.66	74.66	0 ANNUAL
0.13327	74.44	74.44	0 ANNUAL
0.14163	74.03	74.03	0 ANNUAL
0.15139	73.72	73.72	0 ANNUAL
0.16379	73.32	73.32	0 ANNUAL
0.17685	72.92	72.92	0 ANNUAL
0.19112	72.83	72.83	0 ANNUAL
0.20956	72.55	72.55	0 ANNUAL
0.23038	72.13	72.13	0 ANNUAL
0.25157	71.77	71.77	0 ANNUAL
0.28628	71.3	71.3	0 ANNUAL
0.32439	70.84	70.84	0 ANNUAL
0.37149	70.51	70.51	0 ANNUAL
0.42931	70.5	70.5	0 ANNUAL
0.50095	70.57	70.57	0 ANNUAL
0.60298	70.45	70.45	0 ANNUAL

0.76192	70.18	70.18	0 ANNUAL
1.02168	70.15	70.15	0 ANNUAL
0.08168	70.15	70.15	0 ANNUAL
2.28116	70.15	70.15	0 ANNUAL
0.05183	79.36	79.36	0 ANNUAL
0.05779	78.49	78.49	0 ANNUAL
0.05986	77.47	77.47	0 ANNUAL
0.06196	76.69	76.69	0 ANNUAL
0.0641	76.08	76.08	0 ANNUAL
0.06622	75.84	75.84	0 ANNUAL
0.06837	75.84	75.84	0 ANNUAL
0.07060	75.88	75.88	0 ANNUAL
0.0731	75.91	75.91	0 ANNUAL
0.07538	76.21	76.21	0 ANNUAL
0.07768	76.29	76.29	0 ANNUAL
0.08142	76.34	76.34	0 ANNUAL
0.08494	76.03	76.03	0 ANNUAL
0.08867	75.81	75.81	0 ANNUAL
0.09296	75.54	75.54	0 ANNUAL
0.09714	75.54	75.54	0 ANNUAL
0.1018	75.49	75.49	0 ANNUAL
0.10725	75.31	75.31	0 ANNUAL
0.11295	75.11	75.11	0 ANNUAL
0.11889	74.95	74.95	0 ANNUAL
0.12516	74.84	74.84	0 ANNUAL
0.13156	74.68	74.68	0 ANNUAL
0.13796	74.18	74.18	0 ANNUAL
0.15161	73.94	73.94	0 ANNUAL
0.16282	73.6	73.6	0 ANNUAL
0.17506	72.96	72.96	0 ANNUAL
0.19085	72.7	72.7	0 ANNUAL
0.20884	72.16	72.16	0 ANNUAL
0.23002	71.71	71.71	0 ANNUAL
0.25706	71.28	71.28	0 ANNUAL
0.28644	70.68	70.68	0 ANNUAL
0.32315	70.29	70.29	0 ANNUAL
0.36845	70	70	0 ANNUAL
0.42304	69.78	69.78	0 ANNUAL
0.5016	70.08	70.08	0 ANNUAL
0.60518	70.1	70.1	0 ANNUAL
0.75497	70.04	70.04	0 ANNUAL
0.98614	70.09	70.09	0 ANNUAL
1.39143	70.13	70.13	0 ANNUAL
2.33712	70.42	70.42	0 ANNUAL
0.0543	78.68	78.71	0 ANNUAL
0.05846	77.1	78.85	0 ANNUAL
0.06039	76.21	76.21	0 ANNUAL
0.06248	75.7	75.7	0 ANNUAL
0.06463	75.54	75.54	0 ANNUAL
0.06671	75.86	75.86	0 ANNUAL
0.06902	76.74	76.74	0 ANNUAL
0.0716	76.88	76.88	0 ANNUAL
0.0743	75.09	75.09	0 ANNUAL
0.07622	75.35	75.35	0 ANNUAL
0.07861	75.84	75.84	0 ANNUAL
0.08145	76.15	76.15	0 ANNUAL
0.0848	76.05	76.05	0 ANNUAL
0.08866	75.67	75.67	0 ANNUAL
0.09121	75.42	75.42	0 ANNUAL
0.09371	75.3	75.3	0 ANNUAL
0.10215	75.2	75.2	0 ANNUAL
0.10718	75.08	75.08	0 ANNUAL
0.11268	74.9	74.9	0 ANNUAL
0.11872	74.76	74.76	0 ANNUAL
0.12543	74.4	74.4	0 ANNUAL
0.13292	74.43	74.43	0 ANNUAL
0.14127	74.37	74.37	0 ANNUAL
0.1508	74.07	74.07	0 ANNUAL
0.1617	73.83	73.83	0 ANNUAL
0.17168	72.97	72.97	0 ANNUAL
0.18326	72.38	72.38	0 ANNUAL
0.20382	71.52	71.52	0 ANNUAL
0.22511	70.98	70.98	0 ANNUAL
0.25315	70.61	70.61	0 ANNUAL
0.28476	70.28	70.28	0 ANNUAL
0.3208	69.85	69.85	0 ANNUAL
0.36134	69.5	69.5	0 ANNUAL
0.41179	69.28	69.28	0 ANNUAL
0.48173	69.39	69.39	0 ANNUAL
0.59648	69.58	69.58	0 ANNUAL
0.76095	69.65	69.65	0 ANNUAL
0.9626	69.7	69.7	0 ANNUAL
1.16643	70.02	70.02	0 ANNUAL
1.39143	70.13	70.13	0 ANNUAL
0.05758	79.7	81.06	0 ANNUAL
0.05979	78.88	80.41	0 ANNUAL
0.06192	76.43	76.43	0 ANNUAL
0.06402	76.41	76.41	0 ANNUAL
0.06633	76.42	76.42	0 ANNUAL
0.06742	76.25	74.25	0 ANNUAL
0.06962	76.16	76.16	0 ANNUAL
0.07196	76.07	76.07	0 ANNUAL
0.07443	76.15	76.15	0 ANNUAL
0.07702	76.39	76.39	0 ANNUAL
0.07971	76.69	76.69	0 ANNUAL
0.08243	75.77	75.77	0 ANNUAL
0.0848	75.89	75.89	0 ANNUAL
0.08895	75.47	75.47	0 ANNUAL
0.0931	75.36	75.36	0 ANNUAL
0.0976	75.2	75.2	0 ANNUAL
0.10211	76.97	76.97	0 ANNUAL
0.10718	76.72	76.72	0 ANNUAL
0.11265	76.55	76.55	0 ANNUAL
0.11861	76.39	76.39	0 ANNUAL
0.12515	76.31	76.31	0 ANNUAL
0.13159	76.26	76.26	0 ANNUAL
0.14077	76.28	76.28	0 ANNUAL
0.15117	74.36	74.36	0 ANNUAL
0.16076	73.82	73.82	0 ANNUAL
0.17195	72.26	72.99	0 ANNUAL
0.19036	71.49	71.49	0 ANNUAL
0.20885	70.64	70.64	0 ANNUAL
0.22938	70.16	70.16	0 ANNUAL
0.25162	69.95	69.95	0 ANNUAL
0.28227	69.73	69.73	0 ANNUAL
0.31748	69.39	69.39	0 ANNUAL
0.36096	69.05	69.05	0 ANNUAL
0.42195	68.79	68.79	0 ANNUAL
0.50977	68.64	68.64	0 ANNUAL
0.68508	68.5	68.5	0 ANNUAL
0.72564	69.03	69.03	0 ANNUAL
0.93112	69.31	69.31	0 ANNUAL
1.25156	69.81	69.81	0 ANNUAL
1.98836	70.05	70.05	0 ANNUAL
0.05672	79.29	81.77	0 ANNUAL
0.06031	79.69	81.77	0 ANNUAL
0.06197	73.71	93.18	0 ANNUAL
0.06369	73.99	73.99	0 ANNUAL
0.06542	73.95	73.95	0 ANNUAL
0.06722	74.13	74.13	0 ANNUAL
0.06906	73.69	73.69	0 ANNUAL
0.07122	73.59	73.59	0 ANNUAL
0.07343	73.8	73.8	0 ANNUAL
0.07727	73.9	73.9	0 ANNUAL
0.08025	74.12	74.12	0 ANNUAL
0.08288	74.63	74.63	0 ANNUAL
0.08537	75.4	75.4	0 ANNUAL
0.08937	75.1	75.1	0 ANNUAL
0.09288	75.4	75.4	0 ANNUAL
0.09715	75.05	75.05	0 ANNUAL
0.10203	74.8	74.8	0 ANNUAL
0.10756	74.56	74.56	0 ANNUAL
0.11371	74.35	74.35	0 ANNUAL
0.1126	74.15	74.15	0 ANNUAL
0.12518	73.63	73.63	0 ANNUAL
0.1323	73.58	74.15	0 ANNUAL
0.14064	73.54	74.14	0 ANNUAL
0.14995	73.4	74.17	0 ANNUAL
0.16177	72.14	74.15	0 ANNUAL
0.17536	70.29	74.15	0 ANNUAL
0.19111	69.79	70.22	0 ANNUAL
0.20808	69.44	69.44	0 ANNUAL
0.22788	69.17	69.17	0 ANNUAL
0.25117	69.06	69.06	0 ANNUAL
0.2792	69.09	69.09	0 ANNUAL
0.31151	68.88	68.88	0 ANNUAL
0.35148	68.65	68.65	0 ANNUAL
0.40875	68.39	68.39	0 ANNUAL
0.47785	68.18	68.18	0 ANNUAL
0.57107	68.16	68.16	0 ANNUAL
0.70168	68.6	68.6	0 ANNUAL
0.90113	69.09	69.09	0 ANNUAL
1.22766	69.64	69.64	0 ANNUAL
1.86779	69.91	69.91	0 ANNUAL
0.05672	79.29	81.77	0 ANNUAL
0.06087	73.59	91.77	0 ANNUAL
0.06256	73.7	94.24	0 ANNUAL
0.06431	73.97	93.41	0 ANNUAL
0.06623	76	76	0 ANNUAL
0.06801	73.61	73.61	0 ANNUAL
0.07076	73.04	73.04	0 ANNUAL
0.07319	73.01	73.01	0 ANNUAL
0.07537	73.4	73.4	0 ANNUAL
0.07921	73.55	73.55	0 ANNUAL
0.0803	73.67	73.67	0 ANNUAL
0.08417	74.04	74.04	0 ANNUAL
0.08617	74.6	74.6	0 ANNUAL
0.08954	74.8	74.8	0 ANNUAL
0.09348	75.43	75.43	0 ANNUAL
0.09696	75.24	75.24	0 ANNUAL
0.10188	74.78	74.78	0 ANNUAL
0.10682	74.56	74.56	0 ANNUAL
0.11129	74.28	74.28	0 ANNUAL
0.11687	74.23	74.22	0 ANNUAL
0.12436	74.45	74.14	0 ANNUAL
0.13127	70.98	74.15	0 ANNUAL
0.14275	70.65	74.23	0 ANNUAL
0.15192	69.97	74.23	0 ANNUAL
0.16411	69.58	74.23	0 ANNUAL
0.17628	68.08	74.2	0 ANNUAL
0.19049	67.98	74.15	0 ANNUAL
0.20577	68.2	68.2	0 ANNUAL
0.22189	68.26	68.26	0 ANNUAL
0.24053	68.27	68.27	0 ANNUAL
0.27041	68.37	68.37	0 ANNUAL
0.30851	68.41	68.41	0 ANNUAL
0.36515	68.27	68.27	0 ANNUAL
0.45556	67.97	67.97	0 ANNUAL
0.64455	67.76	67.76	0 ANNUAL
0.94148	67.67	67.67	0 ANNUAL
0.68128	68.12	68.12	0 ANNUAL
0.87122	69.16	69.16	0 ANNUAL
1.17803	69.46	69.46	0 ANNUAL
1.76669	69.8	69.8	0 ANNUAL
0.06196	76.62	76.62	0 ANNUAL
0.06243	76.28	76.28	0 ANNUAL
0.06356	76.23	76.23	0 ANNUAL
0.06489	76.18	76.18	0 ANNUAL
0.06549	76.06	76.06	0 ANNUAL
0.06915	75.87	75.87	0 ANNUAL
0.07121	75.63	75.63	0 ANNUAL
0.07363	75.53	75.53	0 ANNUAL
0.07675	75.47	75.47	0 ANNUAL
0.08216	77.52	77.52	0 ANNUAL
0.0853	77.16	77.16	0 ANNUAL
0.08837	77.18	77.18	0 ANNUAL
0.09108	76.93	76.93	0 ANNUAL
0.09419	76.64	76.64	0 ANNUAL
0.09716	76.39	76.39	0 ANNUAL
0.1008	76.14	76.14	0 ANNUAL
0.10496	76.03	76.03	0 ANNUAL
0.10986	76.02	76.02	0 ANNUAL
0.06196	78.67	78.67	0 ANNUAL
0.06138	77.96	77.96	0 ANNUAL

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        12/17/2001          9     *  AERMOD ( 191   91): C:\Users\a   patel\Desktop\H   RA 2\RANCH   HRA2\RA   NCH HRA2   .isc              1
           9:32:02          4     *  AERMET ( 141   34):
                                  *  MODELING OPT   IONS USED:  Re   gDFAULT  CONC   ELEV  URBA   N
P: ROAD3                          *  PLOT           FILE OF ANNUAL   VALUES AVERAGE   D ACROSS     5 YEARS   FOR SOU    RCE GROU   P: ROAD4
                                  *  FOR            A TOTAL OF  106  8 RECEPTORS.
                                  *  FORM           AT: (3(1X,F13.5  ),3(1X,F8.2),2X  ,A6,2X,A8,   2X,I8.8,  2X,A8)
GRP      NUM YRS   NET ID         *  X              Y                AVERAGE CONC     ZELEV        ZHILL     ZFLAG      AVE        GRP       NUM YRS   NET ID
________ ________  ________       *  ____________   ____________     ____________     ______       ______    ______     ______     ________  ________
ROAD3          5                       606771.32      4200808.57          0.04498       70.52       76.73           0  ANNUAL     ROAD4           5
ROAD3          5                        606787.8      4200808.22          0.04418       75.35       75.35           0  ANNUAL     ROAD4           5
ROAD3          5                        606807.8      4200808.22          0.04487       75.71       75.71           0  ANNUAL     ROAD4           5
ROAD3          5                        606827.8      4200808.22          0.04515       76.06       76.06           0  ANNUAL     ROAD4           5
ROAD3          5                        606847.8      4200808.22          0.04536          76          76           0  ANNUAL     ROAD4           5
ROAD3          5                        606867.8      4200808.22          0.04526       75.55       75.55           0  ANNUAL     ROAD4           5
ROAD3          5                        606887.8      4200808.22          0.04539       75.33       75.33           0  ANNUAL     ROAD4           5
ROAD3          5                        606907.8      4200808.22          0.04576       74.86       74.86           0  ANNUAL     ROAD4           5
ROAD3          5                        606927.8      4200808.22          0.04592       74.69       74.69           0  ANNUAL     ROAD4           5
ROAD3          5                        606947.8      4200808.22          0.04599        74.6        74.6           0  ANNUAL     ROAD4           5
ROAD3          5                        606767.8      4200828.22          0.04722       72.81       76.73           0  ANNUAL     ROAD4           5
ROAD3          5                        606787.8      4200828.22          0.04763        76.7        76.7           0  ANNUAL     ROAD4           5
ROAD3          5                        606807.8      4200828.22          0.04814       76.13       76.13           0  ANNUAL     ROAD4           5
ROAD3          5                        606827.8      4200828.22           0.0484       75.64       75.64           0  ANNUAL     ROAD4           5
ROAD3          5                        606847.8      4200828.22          0.04874       75.57       75.57           0  ANNUAL     ROAD4           5
ROAD3          5                        606867.8      4200828.22          0.04908       75.59       75.59           0  ANNUAL     ROAD4           5
ROAD3          5                        606887.8      4200828.22          0.04914        75.4        75.4           0  ANNUAL     ROAD4           5
ROAD3          5                        606907.8      4200828.22           0.0496       75.02       75.02           0  ANNUAL     ROAD4           5
ROAD3          5                        606927.8      4200828.22          0.04996       74.76       74.76           0  ANNUAL     ROAD4           5
ROAD3          5                        606947.8      4200828.22          0.05019       74.64       74.64           0  ANNUAL     ROAD4           5
ROAD3          5                        606967.8      4200828.22          0.05035       74.44       74.44           0  ANNUAL     ROAD4           5
ROAD3          5                        606987.8      4200828.22          0.05042       74.23       74.23           0  ANNUAL     ROAD4           5
ROAD3          5                        606747.8      4200848.22          0.05004       68.27       76.73           0  ANNUAL     ROAD4           5
ROAD3          5                        606767.8      4200848.22          0.05034       72.08       76.73           0  ANNUAL     ROAD4           5
ROAD3          5                        606787.8      4200848.22          0.05093       75.92       75.92           0  ANNUAL     ROAD4           5
ROAD3          5                        606807.8      4200848.22          0.05147       75.67       75.67           0  ANNUAL     ROAD4           5
ROAD3          5                        606827.8      4200848.22          0.05168       75.54       75.54           0  ANNUAL     ROAD4           5
ROAD3          5                        606847.8      4200848.22          0.05214       75.47       75.47           0  ANNUAL     ROAD4           5
ROAD3          5                        606867.8      4200848.22          0.05268       75.48       75.48           0  ANNUAL     ROAD4           5
ROAD3          5                        606887.8      4200848.22          0.05323       75.34       75.34           0  ANNUAL     ROAD4           5
ROAD3          5                        606907.8      4200848.22          0.05383       75.11       75.11           0  ANNUAL     ROAD4           5
ROAD3          5                        606927.8      4200848.22          0.05442       74.84       74.84           0  ANNUAL     ROAD4           5
ROAD3          5                        606947.8      4200848.22          0.05487       74.64       74.64           0  ANNUAL     ROAD4           5
ROAD3          5                        606967.8      4200848.22          0.05523       74.44       74.44           0  ANNUAL     ROAD4           5
ROAD3          5                        606987.8      4200848.22          0.05548       74.24       74.24           0  ANNUAL     ROAD4           5
ROAD3          5                        607107.8      4200848.22           0.0552       72.74       72.74           0  ANNUAL     ROAD4           5
ROAD3          5                        607127.8      4200848.22          0.05502       72.49       72.49           0  ANNUAL     ROAD4           5
ROAD3          5                        607147.8      4200848.22          0.05496       72.16       72.16           0  ANNUAL     ROAD4           5
ROAD3          5                        607167.8      4200848.22          0.05493       71.91       71.91           0  ANNUAL     ROAD4           5
ROAD3          5                        607187.8      4200848.22           0.0551       71.59       71.59           0  ANNUAL     ROAD4           5
ROAD3          5                        607207.8      4200848.22           0.0555       71.21       71.21           0  ANNUAL     ROAD4           5
ROAD3          5                        607227.8      4200848.22          0.05577       70.96       70.96           0  ANNUAL     ROAD4           5
ROAD3          5                        606747.8      4200868.22          0.05284       68.53       76.73           0  ANNUAL     ROAD4           5
ROAD3          5                        606767.8      4200868.22           0.0532       72.65       76.69           0  ANNUAL     ROAD4           5
ROAD3          5                        606787.8      4200868.22          0.05361       75.39       75.39           0  ANNUAL     ROAD4           5
ROAD3          5                        606807.8      4200868.22          0.05445       75.46       75.46           0  ANNUAL     ROAD4           5
ROAD3          5                        606827.8      4200868.22          0.05523       75.53       75.53           0  ANNUAL     ROAD4           5
ROAD3          5                        606847.8      4200868.22          0.05603       75.48       75.48           0  ANNUAL     ROAD4           5
ROAD3          5                        606867.8      4200868.22           0.0568       75.44       75.44           0  ANNUAL     ROAD4           5
ROAD3          5                        606887.8      4200868.22          0.05759       75.33       75.33           0  ANNUAL     ROAD4           5
ROAD3          5                        606907.8      4200868.22          0.05841       75.14       75.14           0  ANNUAL     ROAD4           5
ROAD3          5                        606927.8      4200868.22          0.05926        74.9        74.9           0  ANNUAL     ROAD4           5
ROAD3          5                        606947.8      4200868.22          0.06002       74.64       74.64           0  ANNUAL     ROAD4           5
ROAD3          5                        607047.8      4200868.22          0.06198        73.6        73.6           0  ANNUAL     ROAD4           5
ROAD3          5                        607067.8      4200868.22          0.06201       73.34       73.34           0  ANNUAL     ROAD4           5
ROAD3          5                        607087.8      4200868.22          0.06197       73.04       73.04           0  ANNUAL     ROAD4           5
ROAD3          5                        607107.8      4200868.22          0.06184       72.79       72.79           0  ANNUAL     ROAD4           5
ROAD3          5                        607127.8      4200868.22          0.06168       72.54       72.54           0  ANNUAL     ROAD4           5
ROAD3          5                        607147.8      4200868.22          0.06154       72.26       72.26           0  ANNUAL     ROAD4           5
ROAD3          5                        607167.8      4200868.22          0.06147       71.98       71.98           0  ANNUAL     ROAD4           5
ROAD3          5                        607187.8      4200868.22          0.06158       71.67       71.67           0  ANNUAL     ROAD4           5
ROAD3          5                        607207.8      4200868.22          0.06182        71.4        71.4           0  ANNUAL     ROAD4           5
ROAD3          5                        607227.8      4200868.22          0.06226        71.1        71.1           0  ANNUAL     ROAD4           5
ROAD3          5                       606755.19      4200886.81          0.05528       72.76       75.53           0  ANNUAL     ROAD4           5
ROAD3          5                        606767.8      4200888.22          0.05583       74.67       74.67           0  ANNUAL     ROAD4           5
ROAD3          5                        606787.8      4200888.22          0.05691       75.31       75.31           0  ANNUAL     ROAD4           5
ROAD3          5                        606807.8      4200888.22          0.05796       75.46       75.46           0  ANNUAL     ROAD4           5
ROAD3          5                        606827.8      4200888.22            0.059       75.51       75.51           0  ANNUAL     ROAD4           5
ROAD3          5                        606847.8      4200888.22          0.06005       75.51       75.51           0  ANNUAL     ROAD4           5
ROAD3          5                        606867.8      4200888.22          0.06111       75.46       75.46           0  ANNUAL     ROAD4           5
ROAD3          5                        606887.8      4200888.22          0.06219       75.28       75.28           0  ANNUAL     ROAD4           5
ROAD3          5                        606907.8      4200888.22          0.06329       75.15       75.15           0  ANNUAL     ROAD4           5
ROAD3          5                        606927.8      4200888.22           0.0645       74.84       74.84           0  ANNUAL     ROAD4           5
ROAD3          5                        607027.8      4200888.22          0.06888       73.85       73.85           0  ANNUAL     ROAD4           5
ROAD3          5                        607047.8      4200888.22          0.06939       73.54       73.54           0  ANNUAL     ROAD4           5
ROAD3          5                        607067.8      4200888.22          0.06969        73.3        73.3           0  ANNUAL     ROAD4           5
ROAD3          5                        607087.8      4200888.22          0.06985       73.04       73.04           0  ANNUAL     ROAD4           5
ROAD3          5                        607107.8      4200888.22          0.06989       72.79       72.79           0  ANNUAL     ROAD4           5
ROAD3          5                        607127.8      4200888.22          0.06983       72.54       72.54           0  ANNUAL     ROAD4           5
ROAD3          5                        607147.8      4200888.22          0.06965       72.34       72.34           0  ANNUAL     ROAD4           5
ROAD3          5                        607167.8      4200888.22          0.06952       72.09       72.09           0  ANNUAL     ROAD4           5
ROAD3          5                        607187.8      4200888.22          0.06959       71.76       71.76           0  ANNUAL     ROAD4           5
ROAD3          5                        607207.8      4200888.22          0.06975       71.51       71.51           0  ANNUAL     ROAD4           5
ROAD3          5                        607227.8      4200888.22          0.07018       71.22       71.22           0  ANNUAL     ROAD4           5
ROAD3          5                        606747.8      4200908.22           0.0576       75.11       75.11           0  ANNUAL     ROAD4           5
ROAD3          5                        606767.8      4200908.22          0.05888       75.16       75.16           0  ANNUAL     ROAD4           5
ROAD3          5                        606787.8      4200908.22          0.06078       75.89       75.89           0  ANNUAL     ROAD4           5
ROAD3          5                        606807.8      4200908.22          0.06206       75.69       75.69           0  ANNUAL     ROAD4           5
ROAD3          5                        606827.8      4200908.22          0.06328        75.6        75.6           0  ANNUAL     ROAD4           5
ROAD3          5                        606847.8      4200908.22          0.06466       75.64       75.64           0  ANNUAL     ROAD4           5
ROAD3          5                        606867.8      4200908.22          0.06552       75.43       75.43           0  ANNUAL     ROAD4           5
ROAD3          5                        606887.8      4200908.22          0.06694       75.28       75.28           0  ANNUAL     ROAD4           5
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ROAD3	5	606967.8	4201048.22	0.11939	74.43	74.43	0	ANNUAL	ROAD4	5	606967.8	4201048.22	0.05684	74.43	74.43	0	ANNUAL	ROAD5	5	606967.8	4201048.22	0.05687	74.43	74.43	0	ANNUAL	ROAD6	5	608261.76	4200817.15	0.02067	59.74	59.74	0	ANNUAL	ROAD6	5
ROAD3	5	606987.8	4201048.22	0.12623	74.23	74.23	0	ANNUAL	ROAD4	5	606987.8	4201048.22	0.05605	74.23	74.23	0	ANNUAL	ROAD5	5	606987.8	4201048.22	0.05605	74.23	74.23	0	ANNUAL	ROAD6	5	608268.63	4200817.15	0.02059	59.65	59.65	0	ANNUAL	ROAD6	5
ROAD3	5	607007.8	4201048.22	0.13389	74.04	74.04	0	ANNUAL	ROAD4	5	607007.8	4201048.22	0.05526	74.04	74.04	0	ANNUAL	ROAD5	5	607007.8	4201048.22	0.05523	74.04	74.04	0	ANNUAL	ROAD6	5	608275.5	4200817.15	0.02051	59.58	59.58	0	ANNUAL	ROAD6	5
ROAD3	5	607027.8	4201048.22	0.14252	73.8	73.8	0	ANNUAL	ROAD4	5	607027.8	4201048.22	0.05447	73.8	73.8	0	ANNUAL	ROAD5	5	607027.8	4201048.22	0.05442	73.8	73.8	0	ANNUAL	ROAD6	5	608282.37	4200817.15	0.02044	59.5	59.5	0	ANNUAL	ROAD6	5
ROAD3	5	607047.8	4201048.22	0.15224	73.57	73.57	0	ANNUAL	ROAD4	5	607047.8	4201048.22	0.05368	73.57	73.57	0	ANNUAL	ROAD5	5	607047.8	4201048.22	0.05361	73.57	73.57	0	ANNUAL	ROAD6	5	608289.24	4200817.15	0.02036	59.42	59.42	0	ANNUAL	ROAD6	5
ROAD3	5	607067.8	4201048.22	0.16322	73.36	73.36	0	ANNUAL	ROAD4	5	607067.8	4201048.22	0.0529	73.36	73.36	0	ANNUAL	ROAD5	5	607067.8	4201048.22	0.05281	73.36	73.36	0	ANNUAL	ROAD6	5	608296.11	4200817.15	0.02028	59.35	59.35	0	ANNUAL	ROAD6	5
ROAD3	5	607087.8	4201048.22	0.17575	73.14	73.14	0	ANNUAL	ROAD4	5	607087.8	4201048.22	0.05212	73.14	73.14	0	ANNUAL	ROAD5	5	607087.8	4201048.22	0.05201	73.14	73.14	0	ANNUAL	ROAD6	5	608302.98	4200817.15	0.02021	59.27	59.27	0	ANNUAL	ROAD6	5
ROAD3	5	607107.8	4201048.22	0.19011	72.94	72.94	0	ANNUAL	ROAD4	5	607107.8	4201048.22	0.05134	72.94	72.94	0	ANNUAL	ROAD5	5	607107.8	4201048.22	0.05122	72.94	72.94	0	ANNUAL	ROAD6	5	608186.19	4200824.75	0.0216	60.65	60.65	0	ANNUAL	ROAD6	5
ROAD3	5	607127.8	4201048.22	0.2068	72.74	72.74	0	ANNUAL	ROAD4	5	607127.8	4201048.22	0.05057	72.74	72.74	0	ANNUAL	ROAD5	5	607127.8	4201048.22	0.05043	72.74	72.74	0	ANNUAL	ROAD6	5	608193.06	4200824.75	0.02152	60.56	60.56	0	ANNUAL	ROAD6	5
ROAD3	5	607147.8	4201048.22	0.22635	72.54	72.54	0	ANNUAL	ROAD4	5	607147.8	4201048.22	0.04981	72.54	72.54	0	ANNUAL	ROAD5	5	607147.8	4201048.22	0.04965	72.54	72.54	0	ANNUAL	ROAD6	5	608199.93	4200824.75	0.02144	60.45	60.45	0	ANNUAL	ROAD6	5
ROAD3	5	607167.8	4201048.22	0.24964	72.29	72.29	0	ANNUAL	ROAD4	5	607167.8	4201048.22	0.04905	72.29	72.29	0	ANNUAL	ROAD5	5	607167.8	4201048.22	0.04888	72.29	72.29	0	ANNUAL	ROAD6	5	608206.8	4200824.75	0.02136	60.35	60.35	0	ANNUAL	ROAD6	5
ROAD3	5	607187.8	4201048.22	0.2773	72.14	72.14	0	ANNUAL	ROAD4	5	607187.8	4201048.22	0.0483	72.14	72.14	0	ANNUAL	ROAD5	5	607187.8	4201048.22	0.04812	72.14	72.14	0	ANNUAL	ROAD6	5	608213.67	4200824.75	0.02127	60.28	60.28	0	ANNUAL	ROAD6	5
ROAD3	5	606527.8	4201068.22	0.0539	77.42	77.42	0	ANNUAL	ROAD4	5	606527.8	4201068.22	0.07547	77.42	77.42	0	ANNUAL	ROAD5	5	606527.8	4201068.22	0.07666	77.42	77.42	0	ANNUAL	ROAD6	5	608220.54	4200824.75	0.02119	60.21	60.21	0	ANNUAL	ROAD6	5
ROAD3	5	606547.8	4201068.22	0.05542	77.27	77.27	0	ANNUAL	ROAD4	5	606547.8	4201068.22	0.07501	77.27	77.27	0	ANNUAL	ROAD5	5	606547.8	4201068.22	0.0761	77.27	77.27	0	ANNUAL	ROAD6	5	608227.41	4200824.75	0.02111	60.14	60.14	0	ANNUAL	ROAD6	5
ROAD3	5	606567.8	4201068.22	0.05705	77.05	77.05	0	ANNUAL	ROAD4	5	606567.8	4201068.22	0.07449	77.05	77.05	0	ANNUAL	ROAD5	5	606567.8	4201068.22	0.07549	77.05	77.05	0	ANNUAL	ROAD6	5	608234.28	4200824.75	0.02103	60.07	60.07	0	ANNUAL	ROAD6	5
ROAD3	5	606587.8	4201068.22	0.05874	76.99	76.99	0	ANNUAL	ROAD4	5	606587.8	4201068.22	0.07391	76.99	76.99	0	ANNUAL	ROAD5	5	606587.8	4201068.22	0.07483	76.99	76.99	0	ANNUAL	ROAD6	5	608241.15	4200824.75	0.02095	60.01	60.01	0	ANNUAL	ROAD6	5
ROAD3	5	606607.8	4201068.22	0.06051	77.02	77.02	0	ANNUAL	ROAD4	5	606607.8	4201068.22	0.07331	77.02	77.02	0	ANNUAL	ROAD5	5	606607.8	4201068.22	0.07414	77.02	77.02	0	ANNUAL	ROAD6	5	608248.02	4200824.75	0.02088	59.94	59.94	0	ANNUAL	ROAD6	5
ROAD3	5	606627.8	4201068.22	0.06238	77.11	77.11	0	ANNUAL	ROAD4	5	606627.8	4201068.22	0.07266	77.11	77.11	0	ANNUAL	ROAD5	5	606627.8	4201068.22	0.07342	77.11	77.11	0	ANNUAL	ROAD6	5	608254.89	4200824.75	0.0208	59.87	59.87	0	ANNUAL	ROAD6	5
ROAD3	5	606647.8	4201068.22	0.06441	76.99	76.99	0	ANNUAL	ROAD4	5	606647.8	4201068.22	0.07197	76.99	76.99	0	ANNUAL	ROAD5	5	606647.8	4201068.22	0.07266	76.99	76.99	0	ANNUAL	ROAD6	5	608261.76	4200824.75	0.02072	59.79	59.79	0	ANNUAL	ROAD6	5
ROAD3	5	606667.8	4201068.22	0.0665	77.1	77.1	0	ANNUAL	ROAD4	5	606667.8	4201068.22	0.07126	77.1	77.1	0	ANNUAL	ROAD5	5	606667.8	4201068.22	0.07188	77.1	77.1	0	ANNUAL	ROAD6	5	608268.63	4200824.75	0.02064	59.72	59.72	0	ANNUAL	ROAD6	5
ROAD3	5	606687.8	4201068.22	0.06876	77.08	77.08	0	ANNUAL	ROAD4	5	606687.8	4201068.22	0.07052	77.08	77.08	0	ANNUAL	ROAD5	5	606687.8	4201068.22	0.07107	77.08	77.08	0	ANNUAL	ROAD6	5	608275.5	4200824.75	0.02056	59.63	59.63	0	ANNUAL	ROAD6	5
ROAD3	5	606707.8	4201068.22	0.07112	77.14	77.14	0	ANNUAL	ROAD4	5	606707.8	4201068.22	0.06976	77.14	77.14	0	ANNUAL	ROAD5	5	606707.8	4201068.22	0.07025	77.14	77.14	0	ANNUAL	ROAD6	5	608282.37	4200824.75	0.02048	59.51	59.51	0	ANNUAL	ROAD6	5
ROAD3	5	606727.8	4201068.22	0.07367	77.08	77.08	0	ANNUAL	ROAD4	5	606727.8	4201068.22	0.06896	77.08	77.08	0	ANNUAL	ROAD5	5	606727.8	4201068.22	0.0694	77.08	77.08	0	ANNUAL	ROAD6	5	608289.24	4200824.75	0.02041	59.42	59.42	0	ANNUAL	ROAD6	5
ROAD3	5	606747.8	4201068.22	0.07642	76.88	76.88	0	ANNUAL	ROAD4	5	606747.8	4201068.22	0.06815	76.88	76.88	0	ANNUAL	ROAD5	5	606747.8	4201068.22	0.06853	76.88	76.88	0	ANNUAL	ROAD6	5	608296.11	4200824.75	0.02033	59.35	59.35	0	ANNUAL	ROAD6	5
ROAD3	5	606767.8	4201068.22	0.07935	76.71	76.71	0	ANNUAL	ROAD4	5	606767.8	4201068.22	0.06732	76.71	76.71	0	ANNUAL	ROAD5	5	606767.8	4201068.22	0.06764	76.71	76.71	0	ANNUAL	ROAD6	5	608302.98	4200824.75	0.02025	59.29	59.29	0	ANNUAL	ROAD6	5
ROAD3	5	606787.8	4201068.22	0.08247	76.55	76.55	0	ANNUAL	ROAD4	5	606787.8	4201068.22	0.06647	76.55	76.55	0	ANNUAL	ROAD5	5	606787.8	4201068.22	0.06675	76.55	76.55	0	ANNUAL	ROAD6	5	608186.19	4200832.35	0.02166	60.66	60.66	0	ANNUAL	ROAD6	5
ROAD3	5	606807.8	4201068.22	0.08589	76.22	76.22	0	ANNUAL	ROAD4	5	606807.8	4201068.22	0.06561	76.22	76.22	0	ANNUAL	ROAD5	5	606807.8	4201068.22	0.06584	76.22	76.22	0	ANNUAL	ROAD6	5	608193.06	4200832.35	0.02158	60.59	60.59	0	ANNUAL	ROAD6	5
ROAD3	5	606827.8	4201068.22	0.08955	75.94	75.94	0	ANNUAL	ROAD4	5	606827.8	4201068.22	0.06474	75.94	75.94	0	ANNUAL	ROAD5	5	606827.8	4201068.22	0.06493	75.94	75.94	0	ANNUAL	ROAD6	5	608199.93	4200832.35	0.02149	60.5	60.5	0	ANNUAL	ROAD6	5
ROAD3	5	606847.8	4201068.22	0.09333	75.69	75.69	0	ANNUAL	ROAD4	5	606847.8	4201068.22	0.06387	75.69	75.69	0	ANNUAL	ROAD5	5	606847.8	4201068.22	0.06402	75.69	75.69	0	ANNUAL	ROAD6	5	608206.8	4200832.35	0.02141	60.39	60.39	0	ANNUAL	ROAD6	5
ROAD3	5	606867.8	4201068.22	0.09675	75.43	75.43	0	ANNUAL	ROAD4	5	606867.8	4201068.22	0.06299	75.43	75.43	0	ANNUAL	ROAD5	5	606867.8	4201068.22	0.0631	75.43	75.43	0	ANNUAL	ROAD6	5	608213.67	4200832.35	0.02133	60.29	60.29	0	ANNUAL	ROAD6	5
ROAD3	5	606887.8	4201068.22	0.10128	75.23	75.23	0	ANNUAL	ROAD4	5	606887.8	4201068.22	0.06211	75.23	75.23	0	ANNUAL	ROAD5	5	606887.8	4201068.22	0.06219	75.23	75.23	0	ANNUAL	ROAD6	5	608220.54	4200832.35	0.02125	60.2	60.2	0	ANNUAL	ROAD6	5
ROAD3	5	606907.8	4201068.22	0.10626	75.04	75.04	0	ANNUAL	ROAD4	5	606907.8	4201068.22	0.06123	75.04	75.04	0	ANNUAL	ROAD5	5	606907.8	4201068.22	0.06128	75.04	75.04	0	ANNUAL	ROAD6	5	608227.41	4200832.35	0.02117	60.14	60.14	0	ANNUAL	ROAD6	5
ROAD3	5	606927.8	4201068.22	0.11166	74.84	74.84	0	ANNUAL	ROAD4	5	606927.8	4201068.22	0.06035	74.84	74.84	0	ANNUAL	ROAD5	5	606927.8	4201068.22	0.06036	74.84	74.84	0	ANNUAL	ROAD6	5	608234.28	4200832.35	0.02109	60.07	60.07	0	ANNUAL	ROAD6	5
ROAD3	5	606947.8	4201068.22	0.11768	74.65	74.65	0	ANNUAL	ROAD4	5	606947.8	4201068.22	0.05947	74.65	74.65	0	ANNUAL	ROAD5	5	606947.8	4201068.22	0.05946	74.65	74.65	0	ANNUAL	ROAD6	5	608241.15	4200832.35	0.02101	60.01	60.01	0	ANNUAL	ROAD6	5
ROAD3	5	606967.8	4201068.22	0.12437	74.47	74.47	0	ANNUAL	ROAD4	5	606967.8	4201068.22	0.0586	74.47	74.47	0	ANNUAL	ROAD5	5	606967.8	4201068.22	0.05855	74.47	74.47	0	ANNUAL	ROAD6	5	608248.02	4200832.35	0.02093	59.94	59.94	0	ANNUAL	ROAD6	5
ROAD3	5	606987.8	4201068.22	0.13184	74.27	74.27	0	ANNUAL	ROAD4	5	606987.8	4201068.22	0.05772	74.27	74.27	0	ANNUAL	ROAD5	5	606987.8	4201068.22	0.05765	74.27	74.27	0	ANNUAL	ROAD6	5	608254.89	4200832.35	0.02085	59.87	59.87	0	ANNUAL	ROAD6	5
ROAD3	5	607007.8	4201068.22	0.1402	74.13	74.13	0	ANNUAL	ROAD4	5	607007.8	4201068.22	0.05685	74.13	74.13	0	ANNUAL	ROAD5	5	607007.8	4201068.22	0.05676	74.13	74.13	0	ANNUAL	ROAD6	5	608261.76	4200832.35	0.02077	59.8	59.8	0	ANNUAL	ROAD6	5
ROAD3	5	607027.8	4201068.22	0.14973	73.94	73.94	0	ANNUAL	ROAD4	5	607027.8	4201068.22	0.05599	73.94	73.94	0	ANNUAL	ROAD5	5	607027.8	4201068.22	0.05587	73.94	73.94	0	ANNUAL	ROAD6	5	608268.63	4200832.35	0.02069	59.73	59.73	0	ANNUAL	ROAD6	5
ROAD3	5	607047.8	4201068.22	0.16066	73.67	73.67	0	ANNUAL	ROAD4	5	607047.8	4201068.22	0.05512	73.67	73.67	0	ANNUAL	ROAD5	5	607047.8	4201068.22	0.05499	73.67	73.67	0	ANNUAL	ROAD6	5	608275.5	4200832.35	0.02061	59.65	59.65	0	ANNUAL	ROAD6	5
ROAD3	5	607067.8	4201068.22	0.17314	73.44	73.44	0	ANNUAL	ROAD4	5	607067.8	4201068.22	0.05426	73.44	73.44	0	ANNUAL	ROAD5	5	607067.8	4201068.22	0.05411	73.44	73.44	0	ANNUAL	ROAD6	5	608282.37	4200832.35	0.02053	59.57	59.57	0	ANNUAL	ROAD6	5
ROAD3	5	607087.8	4201068.22	0.18757	73.21	73.21	0	ANNUAL	ROAD4	5	607087.8	4201068.22	0.05342	73.21	73.21	0	ANNUAL	ROAD5	5	607087.8	4201068.22	0.05325	73.21	73.21	0	ANNUAL	ROAD6	5	608289.24	4200832.35	0.02045	59.49	59.49	0	ANNUAL	ROAD6	5
ROAD3	5	607107.8	4201068.22	0.2045	72.95	72.95	0	ANNUAL	ROAD4	5	607107.8	4201068.22	0.05257	72.95	72.95	0	ANNUAL	ROAD5	5	607107.8	4201068.22	0.05239	72.95	72.95	0	ANNUAL	ROAD6	5	608296.11	4200832.35	0.02038	59.4	59.4	0	ANNUAL	ROAD6	5
ROAD3	5	607127.8	4201068.22	0.22446	72.74	72.74	0	ANNUAL	ROAD4	5	607127.8	4201068.22	0.05174	72.74	72.74	0	ANNUAL	ROAD5	5	607127.8	4201068.22	0.05154	72.74	72.74	0	ANNUAL	ROAD6	5	608302.98	4200832.35	0.0203	59.3	59.3	0	ANNUAL	ROAD6	5
ROAD3	5	607147.8	4201068.22	0.24843	72.54	72.54	0	ANNUAL	ROAD4	5	607147.8	4201068.22	0.05092	72.54	72.54	0	ANNUAL	ROAD5	5	607147.8	4201068.22	0.05071	72.54	72.54	0	ANNUAL	ROAD6	5	608186.19	4200839.95	0.02172	60.66	60.66	0	ANNUAL	ROAD6	5
ROAD3	5	607167.8	4201068.22	0.27779	72.34	72.34	0	ANNUAL	ROAD4	5	607167.8	4201068.22	0.0501	72.34	72.34	0	ANNUAL	ROAD5	5	607167.8	4201068.22	0.04988	72.34	72.34	0	ANNUAL	ROAD6	5	608193.06	4200839.95	0.02163	60.59	60.59	0	ANNUAL	ROAD6	5
ROAD3	5	607187.8	4201068.22	0.31453	72.14	72.14	0	ANNUAL	ROAD4	5	607187.8	4201068.22	0.0493	72.14	72.14	0	ANNUAL	ROAD5	5	607187.8	4201068.22	0.04907	72.14	72.14	0	ANNUAL	ROAD6	5	608199.93	4200839.95	0.02155	60.51	60.51	0	ANNUAL	ROAD6	5
ROAD3	5	607207.8	4201068.22	0.36178	71.94	71.94	0	ANNUAL	ROAD4	5	607207.8	4201068.22	0.04851	71.94	71.94	0	ANNUAL	ROAD5	5	607207.8	4201068.22	0.04827	71.94	71.94	0	ANNUAL	ROAD6	5	608206.8	4200839.95	0.02147	60.43	60.43	0	ANNUAL	ROAD6	5
ROAD3	5	607227.8	4201068.22	0.42462	71.74	71.74	0	ANNUAL	ROAD4	5	607227.8	4201068.22	0.04773	71.74	71.74	0	ANNUAL	ROAD5	5	607227.8	4201068.22	0.04748	71.74	71.74	0	ANNUAL	ROAD6	5	608213.67	4200839.95	0.02138	60.34	60.34	0	ANNUAL	ROAD6	5
ROAD3	5	607247.8	4201068.22	0.51185	71.54	71.54	0	ANNUAL	ROAD4	5	607247.8	4201068.22	0.04695	71.54	71.54	0	ANNUAL	ROAD5	5	607247.8	4201068.22	0.0467	71.54	71.54	0	ANNUAL	ROAD6	5	608220.54	4200839.95	0.0213	60.26	60.26	0	ANNUAL	ROAD6	5
ROAD3	5	607267.8	4201068.22	0.63975	71.34	71.34	0	ANNUAL	ROAD4	5	607267.8	4201068.22	0.0462	71.34	71.34	0	ANNUAL	ROAD5	5	607267.8	4201068.22	0.04594	71.34	71.34	0	ANNUAL	ROAD6	5	608227.41	4200839.95	0.02122	60.17	60.17	0	ANNUAL	ROAD6	5
ROAD3	5	607287.8	4201068.22	0.83985	71.14	71.14	0	ANNUAL	ROAD4	5	607287.8	4201068.22	0.04545	71.14	71.14	0	ANNUAL	ROAD5	5	607287.8	4201068.22	0.04518	71.14	71.14	0	ANNUAL	ROAD6	5	608234.28	4200839.95	0.02114	60.07	60.07	0	ANNUAL	ROAD6	5
ROAD3	5	607307.8	4201068.22	1.15462	70.94	70.94	0	ANNUAL	ROAD4	5	607307.8	4201068.22	0.04471	70.94	70.94	0	ANNUAL	ROAD5	5	607307.8	4201068.22	0.04444	70.94	70.94	0	ANNUAL	ROAD6	5	608241.15	4200839.95	0.02106	60	60	0	ANNUAL	ROAD6	5
ROAD3	5	606527.8	4201088.22	0.05441	77.77	77.77	0	ANNUAL	ROAD4	5	606527.8	4201088.22	0.08031	77.77	77.77	0	ANNUAL	ROAD5	5	606527.8	4201088.22	0.08142	77.77	77.77	0	ANNUAL	ROAD6	5	608248.02	4200839.95	0.02097	59.94	59.94	0	ANNUAL	ROAD6	5
ROAD3	5	606547.8	4201088.22	0.05598	77.58	77.58	0	ANNUAL	ROAD4	5	606547.8	4201088.22	0.07965	77.58	77.58	0	ANNUAL	ROAD5	5	606547.8	4201088.22	0.08065	77.58	77.58	0	ANNUAL	ROAD6	5	608254.89	4200839.95	0.02089	59.87	59.87	0	ANNUAL	ROAD6	5
ROAD3	5	606567.8	4201088.22	0.05762	77.49	77.49	0	ANNUAL	ROAD4	5	606567.8	4201088.22	0.07893	77.49	77.49	0	ANNUAL	ROAD5	5	606567.8	4201088.22	0.07985	77.49	77.49	0	ANNUAL	ROAD6	5	608261.76	4200839.95	0.02081	59.8	59.8	0	ANNUAL	ROAD6	5
ROAD3	5	606587.8	4201088.22	0.05938	77.36	77.36	0	ANNUAL	ROAD4	5	606587.8	4201088.22	0.07817	77.36	77.36	0	ANNUAL	ROAD5	5	606587.8	4201088.22	0.079	77.36	77.36	0	ANNUAL	ROAD6	5	608268.63	4200839.95	0.02073	59.73	59.73	0	ANNUAL	ROAD6	5
ROAD3	5	606607.8	4201088.22	0.06119	77.4	77.4	0	ANNUAL	ROAD4	5	606607.8	4201088.22	0.07738	77.4	77.4	0	ANNUAL	ROAD5	5	606607.8	4201088.22	0.07813	77.4	77.4	0	ANNUAL	ROAD6	5	608275.5	4200839.95	0.02066	59.66	59.66	0	ANNUAL	ROAD6	5
ROAD3	5	606627.8	4201088.22	0.06315	77.33	77.33	0	ANNUAL	ROAD4	5	606627.8	4201088.22	0.07656	77.33	77.33	0	ANNUAL	ROAD5	5	606627.8	4201088.22	0.07722	77.33	77.33	0	ANNUAL	ROAD6	5	608282.37	4200839.95	0.02058	59.59	59.59	0	ANNUAL	ROAD6	5
ROAD3	5	606647.8	4201088.22	0.06521	77.34	77.34	0	ANNUAL	ROAD4	5	606647.8	4201088.22	0.0757	77.34	77.34	0	ANNUAL	ROAD5	5	606647.8	4201088.22	0.07629	77.34	77.34	0	ANNUAL	ROAD6	5	608289.24	4200839.95	0.0205	59.52	59.52	0	ANNUAL	ROAD6	5
ROAD3	5	606667.8	4201088.22	0.0674	77.31	77.31	0	ANNUAL	ROAD4	5	606667.8	4201088.22	0.07483	77.31	77.31	0	ANNUAL	ROAD5	5	606667.8	4201088.22	0.07535	77.31	77.31	0	ANNUAL	ROAD6	5	608296.11	4200839.95	0.02042	59.44	59.44	0	ANNUAL	ROAD6	5
ROAD3	5	606687.8	4201088.22	0.06976	77.22	77.22	0	ANNUAL	ROAD4	5	606687.8	4201088.22	0.07393	77.22	77.22	0	ANNUAL	ROAD5	5	606687.8	4201088.22	0.07439	77.22	77.22	0	ANNUAL	ROAD6	5	608302.98	4200839.95	0.02034	59.34	59.34	0	ANNUAL	ROAD6	5
ROAD3	5	606707.8	4201088.22	0.07225	77.14	77.14	0	ANNUAL	ROAD4	5	606707.8	4201088.22	0.073	77.14	77.14	0	ANNUAL	ROAD5	5	606707.8	4201088.22	0.0734	77.14	77.14	0	ANNUAL	ROAD6	5	608186.19	4200847.55	0.02177	60.66	60.66	0	ANNUAL	ROAD6	5
ROAD3	5	606727.8	4201088.22	0.07489	77.08	77.08	0	ANNUAL	ROAD4	5	606727.8	4201088.22	0.07207	77.08	77.08	0	ANNUAL	ROAD5	5	606727.8	4201088.22	0.07241	77.08	77.08	0	ANNUAL	ROAD6	5	608193.06	4200847.55	0.02169	60.59	60.59	0	ANNUAL	ROAD6	5
ROAD3	5	606747.8	4201088.22	0.07777	76.84	76.84	0	ANNUAL	ROAD4	5	606747.8	4201088.22	0.0711	76.84	76.84	0	ANNUAL	ROAD5	5	606747.8	4201088.22	0.07139	76.84	76.84	0	ANNUAL	ROAD6	5	608199.93	4200847.55	0.0216	60.52	60.52	0	ANNUAL	ROAD6	5
ROAD3	5	606767.8	4201088.22	0.08082	76.65	76.65	0	ANNUAL	ROAD4	5	606767.8	4201088.22	0.07013	76.65	76.65	0	ANNUAL	ROAD5	5	606767.8	4201088.22	0.07037	76.65	76.65	0	ANNUAL	ROAD6	5	608206.8	4200847.55	0.02152	60.45	60.45	0	ANNUAL	ROAD6	5
ROAD3	5	606787.8	4201088.22	0.0841	76.45	76.45	0	ANNUAL	ROAD4	5	606787.8	4201088.22	0.06916	76.45	76.45	0	ANNUAL	ROAD5	5	606787.8	4201088.22	0.06935	76.45	76.45	0	ANNUAL	ROAD6	5	608213.67	4200847.55	0.02144	60.38	60.38	0	ANNUAL	ROAD6	5
ROAD3	5	606807.8	4201088.22	0.08764	76.2	76.2	0	ANNUAL	ROAD4	5	606807.8	4201088.22	0.06817	76.2	76.2	0	ANNUAL	ROAD5	5	606807.8	4201088.22	0.06832	76.2	76.2	0	ANNUAL	ROAD6	5	608220.54	4200847.55	0.02135	60.3	60.3	0	ANNUAL	ROAD6	5
ROAD3	5	606827.8	4201088.22	0.09148	75.94	75.94	0	ANNUAL	ROAD4	5	606827.8	4201088.22	0.06718	75.94	75.94	0	ANNUAL	ROAD5	5	606827.8	4201088.22	0.06729	75.94	75.94	0	ANNUAL	ROAD6	5	608227.41	4200847.55	0.02127	60.21	60.21	0	ANNUAL	ROAD6	5
ROAD3	5	606847.8	4201088.22	0.09558	75.74	75.74	0	ANNUAL	ROAD4	5	606847.8	4201088.22	0.0662	75.74	75.74	0	ANNUAL	ROAD5	5	606847.8	4201088.22	0.06626	75.74	75.74	0	ANNUAL	ROAD6	5	608234.28	4200847.55	0.02119	60.1	60.1	0	ANNUAL	ROAD6	5
ROAD3	5	606867.8	4201088.22	0.09926	75.47	75.47	0	ANNUAL	ROAD4	5	606867.8	4201088.22	0.06521	75.47	75.47	0	ANNUAL	ROAD5	5	606867.8	4201088.22	0.06523	75.47	75.47	0	ANNUAL	ROAD6	5	608241.15	4200847.55	0.0211	60.01	60.01	0	ANNUAL	ROAD6	5
ROAD3	5	606887.8	4201088.22	0.10403	75.3	75.3	0	ANNUAL	ROAD4	5	606887.8	4201088.22	0.06422	75.3	75.3	0	ANNUAL	ROAD5	5	606887.8	4201088.22	0.06422	75.3	75.3	0	ANNUAL	ROAD6	5	608248.02	4200847.55	0.02102	59.93	59.93	0	ANNUAL	ROAD6	5
ROAD3	5	606907.8	4201088.22	0.1093	75.13	75.13	0	ANNUAL	ROAD4	5	606907.8	4201088.22	0.06324	75.13	75.13	0	ANNUAL	ROAD5	5	606907.8	4201088.22	0.0632	75.13	75.13	0	ANNUAL	ROAD6	5	608254.89	4200847.55	0.02094	59.87	59.87	0	ANNUAL	ROAD6	5
ROAD3	5	606927.8	4201088.22	0.11506	74.93	74.93	0	ANNUAL	ROAD4	5	606927.8	4201088.22	0.06226	74.93	74.93	0	ANNUAL	ROAD5	5	606927.8	4201088.22	0.06219	74.93	74.93	0	ANNUAL	ROAD6	5	608261.76	4200847.55	0.02086	59.8	59.8	0	ANNUAL	ROAD6	5
ROAD3	5	606947.8	4201088.22	0.12149	74.74	74.74	0	ANNUAL	ROAD4	5	606947.8	4201088.22	0.06129	74.74	74.74	0	ANNUAL	ROAD5	5	606947.8	4201088.22	0.06119	74.74	74.74	0	ANNUAL	ROAD6	5	608268.63	4200847.55	0.02078	59.73	59.73	0	ANNUAL	ROAD6	5
ROAD3	5	606967.8	4201088.22	0.12863	74.54	74.54	0	ANNUAL	ROAD4	5	606967.8	4201088.22	0.06032	74.54	74.54	0	ANNUAL	ROAD5	5	606967.8	4201088.22	0.0602	74.54	74.54	0	ANNUAL	ROAD6	5	608275.5	4200847.55	0.0207	59.66	59.66	0	ANNUAL	ROAD6	5
ROAD3	5	606987.8	4201088.22	0.13663	74.34	74.34	0	ANNUAL	ROAD4	5	606987.8	4201088.22	0.05935	74.34	74.34	0	ANNUAL	ROAD5	5	606987.8	4201088.22	0.05922	74.34	74.34	0	ANNUAL	ROAD6	5	608282.37	4200847.55	0.02062	59.59	59.59	0	ANNUAL	ROAD6	5
ROAD3	5	607007.8	4201088.22	0.14565	74.15	74.15	0	ANNUAL	ROAD4	5	607007.8	4201088.22	0.0584	74.15	74.15	0	ANNUAL	ROAD5	5	607007.8	4201088.22	0.05824	74.15	74.15	0	ANNUAL	ROAD6	5	608289.24	4200847.55	0.02054	59.53	59.53	0	ANNUAL	ROAD6	5
ROAD3	5	607027.8	4201088.22	0.15591	73.97	73.97	0	ANNUAL	ROAD4	5	607027.8	4201088.22	0.05746	73.97	73.97	0	ANNUAL	ROAD5	5	607027.8	4201088.22	0.05728	73.97	73.97	0	ANNUAL	ROAD6	5	608296.11	4200847.55	0.02046	59.46	59.46	0	ANNUAL	ROAD6	5
ROAD3	5	607047.8	4201088.22	0.16773	73.75	73.75	0	ANNUAL	ROAD4	5	607047.8	4201088.22	0.05652	73.75	73.75	0	ANNUAL	ROAD5	5	607047.8	4201088.22	0.05632	73.75	73.75	0	ANNUAL	ROAD6	5	608302.98	4200847.55	0.02038	59.37	59.37	0	ANNUAL	ROAD6	5
ROAD3	5	607067.8	4201088.22	0.18136	73.55	73.55	0	ANNUAL	ROAD4	5	607067.8	4201088.22	0.05559	73.55	73.55	0	ANNUAL	ROAD5	5	607067.8	4201088.22	0.05538	73.55	73.55	0	ANNUAL	ROAD6	5	608186.19	4200855.15	0.02183	60.66	60.66	0	ANNUAL	ROAD6	5
ROAD3	5	607087.8	4201088.22	0.19743	73.24	73.24	0	ANNUAL	ROAD4	5	607087.8	4201088.22	0.05467	73.24	73.24	0	ANNUAL	ROAD5	5	607087.8	4201088.22	0.05444	73.24	73.24	0	ANNUAL	ROAD6	5	608193.06	4200855.15	0.02174	60.59	60.59	0	ANNUAL	ROAD6	5
ROAD3	5	607107.8	4201088.22	0.21625	73.01	73.01	0	ANNUAL	ROAD4	5	607107.8	4201088.22	0.05376	73.01	73.01	0	ANNUAL	ROAD5	5	607107.8	4201088.22	0.05352	73.01	73.01	0	ANNUAL	ROAD6	5	608199.93	4200855.15	0.02165	60.52	60.52	0	ANNUAL	ROAD6	5
ROAD3	5	607127.8	4201088.22	0.23891	72.74	72.74	0	ANNUAL	ROAD4	5	607127.8	4201088.22	0.05287	72.74	72.74	0	ANNUAL	ROAD5	5	607127.8	4201088.22	0.05262	72.74	72.74	0	ANNUAL	ROAD6	5	608206.8	4200855.15	0.02157	60.45	60.45	0	ANNUAL	ROAD6	5
ROAD3	5	607147.8	4201088.22	0.26635	72.54	72.54	0	ANNUAL	ROAD4	5	607147.8	4201088.22	0.05198	72.54	72.54	0	ANNUAL	ROAD5	5	607147.8	4201088.22	0.05172	72.54	72.54	0	ANNUAL	ROAD6	5	608213.67	4200855.15	0.02149	60.38	60.38	0	ANNUAL	ROAD6	5
ROAD3	5	607167.8	4201088.22	0.30052	72.34	72.34	0	ANNUAL	ROAD4	5	607167.8	4201088.22	0.05111	72.34	72.34	0	ANNUAL	ROAD5	5	607167.8	4201088.22	0.05085	72.34	72.34	0	ANNUAL	ROAD6	5	608220.54	4200855.15	0.0214	60.31	60.31	0	ANNUAL	ROAD6	5
ROAD3	5	607187.8	4201088.22	0.34424	72.14	72.14	0	ANNUAL	ROAD4	5	607187.8	4201088.22	0.05026	72.14	72.14	0	ANNUAL	ROAD5	5	607187.8	4201088.22	0.04998	72.14	72.14	0	ANNUAL	ROAD6	5	608227.41	4200855.15	0.02132	60.24	60.24	0	ANNUAL	ROAD6	5
ROAD3	5	607207.8	4201088.22	0.40207	71.94	71.94	0	ANNUAL	ROAD4	5	607207.8	4201088.22	0.04941	71.94	71.94	0	ANNUAL	ROAD5	5	607207.8	4201088.22	0.04913	71.94	71.94	0	ANNUAL	ROAD6	5	608234.28	4200855.15	0.02123	60.15	60.15	0	ANNUAL	ROAD6	5
ROAD3	5	607227.8	4201088.22	0.48202	71.74	71.74	0	ANNUAL	ROAD4	5	607227.8	4201088.22	0.04858	71.74	71.74	0	ANNUAL	ROAD5	5	607227.8	4201088.22	0.04829	71.74	71.74	0	ANNUAL	ROAD6	5	608241.15	4200855.15	0.02115	60.03	60.03	0	ANNUAL	ROAD6	5
ROAD3	5	607247.8	4201088.22	0.59935	71.54	71.54	0	ANNUAL	ROAD4	5	607247.8	4201088.22	0.04777	71.54	71.54	0	ANNUAL	ROAD5	5	607247.8	4201088.22	0.04747	71.54	71.54	0	ANNUAL	ROAD6	5	608248.02	4200855.15	0.02107	59.94	59.94	0	ANNUAL	ROAD6	5
ROAD3	5	607267.8	4201088.22	0.78713	71.34	71.34	0	ANNUAL	ROAD4	5	607267.8	4201088.22	0.04696	71.34	71.34	0	ANNUAL	ROAD5	5	607267.8	4201088.22	0.04666	71.34	71.34	0	ANNUAL	ROAD6	5	608254.89	4200855.15	0.02099	59.86	59.86	0	ANNUAL	ROAD6	5
ROAD3	5	607287.8	4201088.22	1.12953	71.14	71.14	0	ANNUAL	ROAD4	5	607287.8	4201088.22	0.04617	71.14	71.14	0	ANNUAL	ROAD5	5	607287.8	4201088.22	0.04587	71.14	71.14	0	ANNUAL	ROAD6	5	608261.76	4200855.15	0.0209	59.8	59.8	0	ANNUAL	ROAD6	5
ROAD3	5	607307.8	4201088.22	1.88382	70.94	70.94	0	ANNUAL	ROAD4	5	607307.8	4201088.22	0.0454	70.94	70.94	0	ANNUAL	ROAD5	5	607307.8	4201088.22	0.04509	70.94	70.94	0	ANNUAL	ROAD6	5	608268.63	4200855.15	0.02082	59.73	59.73	0	ANNUAL	ROAD6	5
ROAD3	5	606527.8	4201108.22	0.05485	77.96	77.96	0	ANNUAL	ROAD4	5	606527.8	4201108.22	0.08529	77.96	77.96	0	ANNUAL	ROAD5	5	606527.8	4201108.22	0.0863	77.96	77.96	0	ANNUAL	ROAD6	5	608275.5	4200855.15	0.02074	59.66	59.66	0	ANNUAL	ROAD6	5
ROAD3	5	606547.8	4201108.22	0.05642	77.91	77.91	0	ANNUAL	ROAD4	5	606547.8	4201108.22	0.08441	77.91	77.91	0	ANNUAL	ROAD5	5	606547.8	4201108.22	0.08531	77.91	77.91	0	ANNUAL	ROAD6	5	608282.37	4200855.15	0.02066	59.59	59.59	0	ANNUAL	ROAD6	5
ROAD3	5	606567.8	4201108.22	0.05811	77.78	77.78	0	ANNUAL	ROAD4	5	606567.8	4201108.22	0.08349	77.78	77.78	0	ANNUAL	ROAD5	5	606567.8	4201108.22	0.0843	77.78	77.78	0	ANNUAL	ROAD6	5	608289.24	4200855.15	0.02058	59.52	59.52	0	ANNUAL	ROAD6	5
ROAD3	5	606587.8	4201108.22	0.05988	77.7	77.7	0	ANNUAL	ROAD4	5	606587.8	4201108.22	0.08254	77.7	77.7	0	ANNUAL	ROAD5	5	606587.8	4201108.22	0.08325	77.7	77.7	0	ANNUAL	ROAD6	5	608296.11	4200855.15	0.0205	59.46	59.46	0	ANNUAL	ROAD6	5
ROAD3	5	606607.8	4201108.22	0.06179	77.57	77.57	0	ANNUAL	ROAD4	5	606607.8	4201108.22	0.08154	77.57	77.57	0	ANNUAL	ROAD5	5	606607.8	4201108.22	0.08218	77.57	77.57	0	ANNUAL	ROAD6	5	608302.98	4200855.15	0.02042	59.39	59.39	0	ANNUAL	ROAD6	5
ROAD3	5	606627.8	4201108.22	0.0638	77.48	77.48	0	ANNUAL	ROAD4	5	606627.8	4201108.22	0.08052	77.48	77.48	0	ANNUAL	ROAD5	5	606627.8	4201108.22	0.08108	77.48	77.48	0	ANNUAL	ROAD6	5	608186.19	4200862.75	0.02188	60.66	60.66	0	ANNUAL	ROAD6	5
ROAD3	5	606647.8	4201108.22	0.06591	77.49	77.49	0	ANNUAL	ROAD4	5	606647.8	4201108.22	0.07948	77.49	77.49	0	ANNUAL	ROAD5	5	606647.8	4201108.22	0.07997	77.49	77.49	0	ANNUAL	ROAD6	5	608193.06	4200862.75	0.02179	60.59	60.59	0	ANNUAL	ROAD6	5
ROAD3	5	606667.8	4201108.22	0.06817	77.42	77.42	0	ANNUAL	ROAD4	5	606667.8	4201108.22	0.07842	77.42	77.42	0	ANNUAL	ROAD5	5	606667.8	4201108.22	0.07884	77.42	77.42	0	ANNUAL	ROAD6	5	608199.93	4200862.75	0.0217	60.52	60.52	0	ANNUAL	ROAD6	5
ROAD3	5	606687.8	4201108.22	0.07059	77.34	77.34	0	ANNUAL	ROAD4	5	606687.8	4201108.22	0.07734	77.34	77.34	0	ANNUAL	ROAD5	5	606687.8	4201108.22	0.0777	77.34	77.34	0	ANNUAL	ROAD6	5	608206.8	4200862.75	0.02162	60.45	60.45	0	ANNUAL	ROAD6	5
ROAD3	5	606707.8	4201108.22	0.07319	77.17	77.17	0	ANNUAL	ROAD4	5	606707.8	4201108.22	0.07627	77.17	77.17	0	ANNUAL	ROAD5	5	606707.8	4201108.22	0.07657	77.17	77.17	0	ANNUAL	ROAD6	5	608213.67	4200862.75	0.02153	60.38	60.38	0	ANNUAL	ROAD6	5
ROAD3	5	606727.8	4201108.22	0.07593	77.07	77.07	0	ANNUAL	ROAD4	5	606727.8	4201108.22	0.07517	77.07	77.07	0	ANNUAL	ROAD5	5	606727.8	4201108.22	0.07541	77.07	77.07	0	ANNUAL	ROAD6	5	608220.54	4200862.75	0.02145	60.31	60.31	0	ANNUAL	ROAD6	5
ROAD3	5	606747.8	4201108.22	0.07887	76.89	76.89	0	ANNUAL	ROAD4	5	606747.8	4201108.22	0.07406	76.89	76.89	0	ANNUAL	ROAD5	5	606747.8	4201108.22	0.07425	76.89	76.89	0	ANNUAL	ROAD6	5	608227.41	4200862.75	0.02136	60.24	60.24	0	ANNUAL	ROAD6	5
ROAD3	5	606767.8	4201108.22	0.08207	76.6	76.6	0	ANNUAL	ROAD4	5	606767.8	4201108.22	0.07295	76.6	76.6	0	ANNUAL	ROAD5	5	606767.8	4201108.22	0.07309	76.6	76.6	0	ANNUAL	ROAD6	5	608234.28	4200862.75	0.02128	60.17	60.17	0	ANNUAL	ROAD6	5
ROAD3	5	606787.8	4201108.22	0.08545	76.42	76.42	0	ANNUAL	ROAD4	5	606787.8	4201108.22	0.07183	76.42	76.42	0	ANNUAL	ROAD5	5	606787.8	4201108.22	0.07193	76.42	76.42	0	ANNUAL	ROAD6	5	608241.15	4200862.75	0.0212	60.08	60.08	0	ANNUAL	ROAD6	5
ROAD3	5	606807.8	4201108.22	0.08911	76.21	76.21	0	ANNUAL	ROAD4	5	606807.8	4201108.22	0.07072	76.21	76.21	0	ANNUAL	ROAD5	5	606807.8	4201108.22	0.07077	76.21	76.21	0	ANNUAL	ROAD6	5	608248.02	4200862.75	0.02111	59.97	59.97	0	ANNUAL	ROAD6	5
ROAD3	5	606827.8	4201108.22	0.09309	75.96	75.96	0	ANNUAL	ROAD4	5	606827.8	4201108.22	0.0696	75.96	75.96	0	ANNUAL	ROAD5	5	606827.8	4201108.22	0.06962	75.96	75.96	0	ANNUAL	ROAD6	5	608254.89	4200862.75	0.02103	59.87	59.87	0	ANNUAL	ROAD6	5
ROAD3	5	606847.8	4201108.22	0.09737	75.74	75.74	0	ANNUAL	ROAD4	5	606847.8	4201108.22	0.06849	75.74	75.74	0	ANNUAL	ROAD5	5	606847.8	4201108.22	0.06847	75.74	75.74	0	ANNUAL	ROAD6	5	608261.76	4200862.75	0.02095	59.79	59.79	0	ANNUAL	ROAD6	5
ROAD3	5	606867.8	4201108.22	0.10156	75.57	75.57	0	ANNUAL	ROAD4	5	606867.8	4201108.22	0.06739	75.57	75.57	0	ANNUAL	ROAD5	5	606867.8	4201108.22	0.06734	75.57	75.57	0	ANNUAL	ROAD6	5	608268.63	4200862.75	0.02086	59.73	59.73	0	ANNUAL	ROAD6	5
ROAD3	5	606887.8	4201108.22	0.10636	75.4	75.4	0	ANNUAL	ROAD4	5	606887.8	4201108.22	0.0663	75.4	75.4	0	ANNUAL	ROAD5	5	606887.8	4201108.22	0.06621	75.4	75.4	0	ANNUAL	ROAD6	5	608275.5	4200862.75	0.02078	59.66	59.66	0	ANNUAL	ROAD6	5
ROAD3	5	606907.8	4201108.22	0.11188	75.17	75.17	0	ANNUAL	ROAD4	5	606907.8	4201108.22	0.06521	75.17	75.17	0	ANNUAL	ROAD5	5	606907.8	4201108.22	0.06509	75.17	75.17	0	ANNUAL	ROAD6	5	608282.37	4200862.75	0.0207	59.59	59.59	0	ANNUAL	ROAD6	5
ROAD3	5	606927.8	4201108.22	0.11797	74.95	74.95	0	ANNUAL	ROAD4	5	606927.8	4201108.22	0.06412	74.95	74.95	0	ANNUAL	ROAD5	5	606927.8	4201108.22	0.06398	74.95	74.95	0	ANNUAL	ROAD6	5	608289.24	4200862.75	0.02062	59.52	59.52	0	ANNUAL	ROAD6	5
ROAD3	5	606947.8	4201108.22	0.12474	74.77	74.77	0	ANNUAL	ROAD4	5	606947.8	4201108.22	0.06305	74.77	74.77	0	ANNUAL	ROAD5	5	606947.8	4201108.22	0.06289	74.77	74.77	0	ANNUAL	ROAD6	5	608296.11	4200862.75	0.02054	59.46	59.46	0	ANNUAL	ROAD6	5
ROAD3	5	606967.8	4201108.22	0.13225	74.6	74.6	0	ANNUAL	ROAD4	5	606967.8	4201108.22	0.06199	74.6	74.6	0	ANNUAL	ROAD5	5	606967.8	4201108.22	0.06181	74.6	74.6	0	ANNUAL	ROAD6	5	608302.98	4200862.75	0.02046	59.39	59.39	0	ANNUAL	ROAD6	5
ROAD3	5	606987.8	4201108.22	0.14067	74.44	74.44	0	ANNUAL	ROAD4	5	606987.8	4201108.22	0.06095	74.44	74.44	0	ANNUAL	ROAD5	5	606987.8	4201108.22	0.06074	74.44	74.44	0	ANNUAL	ROAD6	5	608186.19	4200870.35	0.02193	60.65	60.65	0	ANNUAL	ROAD6	5
ROAD3	5	607007.8	4201108.22	0.15018	74.24	74.24	0	ANNUAL	ROAD4	5	607007.8	4201108.22	0.05991	74.24	74.24	0	ANNUAL	ROAD5	5	607007.8	4201108.22	0.05968	74.24	74.24	0	ANNUAL	ROAD6	5	608193.06	4200870.35	0.02184	60.59	60.59	0	ANNUAL	ROAD6	5
ROAD3	5	607027.8	4201108.22	0.16102	74.04	74.04	0	ANNUAL	ROAD4	5	607027.8	4201108.22	0.05888	74.04	74.04	0	ANNUAL	ROAD5	5	607027.8	4201108.22	0.05864	74.04	74.04	0	ANNUAL	ROAD6	5	608199.93	4200870.35	0.02175	60.52	60.52	0	ANNUAL	ROAD6	5
ROAD3	5	607047.8	4201108.22	0.17358	73.81	73.81	0	ANNUAL	ROAD4	5	607047.8	4201108.22	0.05787	73.81	73.81	0	ANNUAL	ROAD5	5	607047.8	4201108.22	0.05761	73.81	73.81	0	ANNUAL	ROAD6	5	608206.8	4200870.35	0.02167	60.45	60.45	0	ANNUAL	ROAD6	5
ROAD3	5	607067.8	4201108.22	0.18822	73.54	73.54	0	ANNUAL	ROAD4	5	607067.8	4201108.22	0.05687	73.54	73.54	0	ANNUAL	ROAD5	5	607067.8	4201108.22	0.0566	73.54	73.54	0	ANNUAL	ROAD6	5	608213.67	4200870.35	0.02158	60.38	60.38	0	ANNUAL	ROAD6	5
ROAD3	5	607087.8	4201108.22	0.20533	73.3	73.3	0	ANNUAL	ROAD4	5	607087.8	4201108.22	0.05588	73.3	73.3	0	ANNUAL	ROAD5	5	607087.8	4201108.22	0.0556	73.3	73.3	0	ANNUAL	ROAD6	5	608220.54	4200870.35	0.02149	60.31	60.31	0	ANNUAL	ROAD6	5
ROAD3	5	607107.8	4201108.22	0.22567	73.04	73.04	0	ANNUAL	ROAD4	5	607107.8	4201108.22	0.05491	73.04	73.04	0	ANNUAL	ROAD5	5	607107.8	4201108.22	0.05461	73.04	73.04	0	ANNUAL	ROAD6	5	608227.41	4200870.35	0.02141	60.24	60.24	0	ANNUAL	ROAD6	5
ROAD3	5	607127.8	4201108.22	0.25016	72.8	72.8	0	ANNUAL	ROAD4	5	607127.8	4201108.22	0.05395	72.8	72.8	0	ANNUAL	ROAD5	5	607127.8	4201108.22	0.05365	72.8	72.8	0	ANNUAL	ROAD6	5	608234.28	4200870.35	0.02132	60.18	60.18	0	ANNUAL	ROAD6	5
ROAD3	5	607147.8	4201108.22	0.28027	72.54	72.54	0	ANNUAL	ROAD4	5	607147.8	4201108.22	0.05301	72.54	72.54	0	ANNUAL	ROAD5	5	607147.8	4201108.22	0.05269	72.54	72.54	0	ANNUAL	ROAD6	5	608241.15	4200870.35	0.02124	60.1	60.1	0	ANNUAL	ROAD6	5
ROAD3	5	607167.8	4201108.22	0.31786	72.34	72.34	0	ANNUAL	ROAD4	5	607167.8	4201108.22	0.05208	72.34	72.34	0	ANNUAL	ROAD5	5	607167.8	4201108.22	0.05176	72.34	72.34	0	ANNUAL	ROAD6	5	608248.02	4200870.35	0.02116	60.01	60.01	0	ANNUAL	ROAD6	5
ROAD3	5	607187.8	4201108.22	0.3664	72.14	72.14	0	ANNUAL	ROAD4	5	607187.8	4201108.22	0.05117	72.14	72.14	0	ANNUAL	ROAD5	5	607187.8	4201108.22	0.05085	72.14	72.14	0	ANNUAL	ROAD6	5	608254.89	4200870.35	0.02107	59.91	59.91	0	ANNUAL	ROAD6	5
ROAD3	5	607207.8	4201108.22	0.43133	71.94	71.94	0	ANNUAL	ROAD4	5	607207.8	4201108.22	0.05028	71.94	71.94	0	ANNUAL	ROAD5	5	607207.8	4201108.22	0.04995	71.94	71.94	0	ANNUAL	ROAD6	5	608261.76	4200870.35	0.02099	59.81	59.81	0	ANNUAL	ROAD6	5
ROAD3	5	607227.8	4201108.22	0.52233	71.74	71.74	0	ANNUAL	ROAD4	5	607227.8	4201108.22	0.0494	71.74	71.74	0	ANNUAL	ROAD5	5	607227.8	4201108.22	0.04907	71.74	71.74	0	ANNUAL	ROAD6	5	608268.63	4200870.35	0.02091	59.73	59.73	0	ANNUAL	ROAD6	5
ROAD3	5	607247.8	4201108.22	0.65811	71.54	71.54	0	ANNUAL	ROAD4	5	607247.8	4201108.22	0.04854	71.54	71.54	0	ANNUAL	ROAD5	5	607247.8	4201108.22	0.0482	71.54	71.54	0	ANNUAL	ROAD6	5	608275.5	4200870.35	0.02082	59.66	59.66	0	ANNUAL	ROAD6	5
ROAD3	5	607267.8	4201108.22	0.88012	71.34	71.34	0	ANNUAL	ROAD4	5	607267.8	4201108.22	0.04769	71.34	71.34	0	ANNUAL	ROAD5	5	607267.8	4201108.22	0.04735	71.34	71.34	0	ANNUAL	ROAD6	5	608282.37	4200870.35	0.02074	59.59	59.59	0	ANNUAL	ROAD6	5
ROAD3	5	607287.8	4201108.22	1.29618	71.14	71.14	0	ANNUAL	ROAD4	5	607287.8	4201108.22	0.04686	71.14	71.14	0	ANNUAL	ROAD5	5	607287.8	4201108.22	0.04652	71.14	71.14	0	ANNUAL	ROAD6	5	608289.24	4200870.35	0.02066	59.52	59.52	0	ANNUAL	ROAD6	5
ROAD3	5	607307.8	4201108.22	2.23698	70.94	70.94	0	ANNUAL	ROAD4	5	607307.8	4201108.22	0.04605	70.94	70.94	0	ANNUAL	ROAD5	5	607307.8	4201108.22	0.0457	70.94	70.94	0	ANNUAL	ROAD6	5	608296.11	4200870.35	0.02058	59.46	59.46	0	ANNUAL	ROAD6	5
ROAD3	5	606527.8	4201128.22	0.05518	78.24	78.24	0	ANNUAL	ROAD4	5	606527.8	4201128.22	0.09041	78.24	78.24	0	ANNUAL	ROAD5	5	606527.8	4201128.22	0.09129	78.24	78.24	0	ANNUAL	ROAD6	5	608302.98	4200870.35	0.0205	59.39	59.39	0	ANNUAL	ROAD6	5
ROAD3	5	606547.8	4201128.22	0.05681	78.07	78.07	0	ANNUAL	ROAD4	5	606547.8	4201128.22	0.08929	78.07	78.07	0	ANNUAL	ROAD5	5	606547.8	4201128.22	0.09005	78.07	78.07	0	ANNUAL	ROAD6	5	608240.73	4200729.53	0.0202	59.81	59.81	0	ANNUAL	ROAD6	5
ROAD3	5	606567.8	4201128.22	0.05852	77.94	77.94	0	ANNUAL	ROAD4	5	606567.8	4201128.22	0.08812	77.94	77.94	0	ANNUAL	ROAD5	5	606567.8	4201128.22	0.08881	77.94	77.94	0	ANNUAL	ROAD6	5	608248.07	4200730.93	0.02014	59.74	59.74	0	ANNUAL	ROAD6	5
ROAD3	5	606587.8	4201128.22	0.06032	77.89	77.89	0	ANNUAL	ROAD4	5	606587.8	4201128.22	0.08695	77.89	77.89	0	ANNUAL	ROAD5	5	606587.8	4201128.22	0.08754	77.89	77.89	0	ANNUAL	ROAD6	5	608255.41	4200731.98	0.02008	59.66	59.66	0	ANNUAL	ROAD6	5
ROAD3	5	606607.8	4201128.22	0.06225	77.77	77.77	0	ANNUAL	ROAD4	5	606607.8	4201128.22	0.08574	77.77	77.77	0	ANNUAL	ROAD5	5	606607.8	4201128.22	0.08626	77.77	77.77	0	ANNUAL	ROAD6	5	608240.38	4200722.19	0.02014	59.82	59.82	0	ANNUAL	ROAD6	5
ROAD3	5	606627.8	4201128.22	0.06431	77.65	77.65	0	ANNUAL	ROAD4	5	606627.8	4201128.22	0.08453	77.65	77.65	0	ANNUAL	ROAD5	5	606627.8	4201128.22	0.08495	77.65	77.65	0	ANNUAL	ROAD6	5	608248.42	4200723.59	0.02007	59.74	59.74	0	ANNUAL	ROAD6	5
ROAD3	5	606647.8	4201128.22	0.06646	77.65	77.65	0	ANNUAL	ROAD4	5	606647.8	4201128.22	0.08329	77.65	77.65	0	ANNUAL	ROAD5	5	606647.8	4201128.22	0.08365	77.65	77.65	0	ANNUAL	ROAD6	5	608255.76	4200725.34	0.02001	59.64	59.64	0	ANNUAL	ROAD6	5
ROAD3	5	606667.8	4201128.22	0.0688	77.53	77.53	0	ANNUAL	ROAD4	5	606667.8	4201128.22	0.08204	77.53	77.53	0	ANNUAL	ROAD5	5	606667.8	4201128.22	0.08234	77.53	77.53	0	ANNUAL	ROAD6	5	605774.72	4201432.6	4.78215	97.29	113.71	0	ANNUAL	ROAD6	5
ROAD3	5	606687.8	4201128.22	0.07132	77.34	77.34	0	ANNUAL	ROAD4	5	606687.8	4201128.22	0.08078	77.34	77.34	0	ANNUAL	ROAD5	5	606687.8	4201128.22	0.08102	77.34	77.34	0	ANNUAL	ROAD6	5	605767.62	4201463.35	6.41748	92.5	119.11	0	ANNUAL	ROAD6	5
ROAD3	5	606707.8	4201128.22	0.07399	77.15	77.15	0	ANNUAL	ROAD4	5	606707.8	4201128.22	0.07953	77.15	77.15	0	ANNUAL	ROAD5	5	606707.8	4201128.22	0.07972	77.15	77.15	0	ANNUAL	ROAD6	5	605762.1	4201482.26	7.18683	93.38	119.11	0	ANNUAL	ROAD6	5
ROAD3	5	606727.8	4201128.22	0.07681	77.02	77.02	0	ANNUAL	ROAD4	5	606727.8	4201128.22	0.07827	77.02	77.02	0	ANNUAL	ROAD5	5	606727.8	4201128.22	0.0784	77.02	77.02	0	ANNUAL	ROAD6	5	605760.53	4201505.91	7.32523	99.61	118.11	0	ANNUAL	ROAD6	5
ROAD3	5	606747.8	4201128.22	0.07985	76.81	76.81	0	ANNUAL	ROAD4	5	606747.8	4201128.22	0.077	76.81	76.81	0	ANNUAL	ROAD5	5	606747.8	4201128.22	0.07708	76.81	76.81	0	ANNUAL	ROAD6	5	605758.95	4201524.04	7.5477	104.85	113.71	0	ANNUAL	ROAD6	5
ROAD3	5	606767.8	4201128.22	0.08312	76.54	76.54	0	ANNUAL	ROAD4	5	606767.8	4201128.22	0.07574	76.54	76.54	0	ANNUAL	ROAD5	5	606767.8	4201128.22	0.07577	76.54	76.54	0	ANNUAL	ROAD6	5	605756.59	4201550.06	8.11245	110.8	112.7	0	ANNUAL	ROAD6	5
ROAD3	5	606787.8	4201128.22	0.08659	76.38	76.38	0	ANNUAL	ROAD4	5	606787.8	4201128.22	0.07448	76.38	76.38	0	ANNUAL	ROAD5	5	606787.8	4201128.22	0.07447	76.38	76.38	0	ANNUAL	ROAD6	5	605753.43	4201572.13	8.86091	111.23	112.7	0	ANNUAL	ROAD6	5
ROAD3	5	606807.8	4201128.22	0.09032	76.24	76.24	0	ANNUAL	ROAD4	5	606807.8	4201128.22	0.07323	76.24	76.24	0	ANNUAL	ROAD5	5	606807.8	4201128.22	0.07319	76.24	76.24	0	ANNUAL	ROAD6	5	605753.43	4201592.62	8.49809	107.76	113.58	0	ANNUAL	ROAD6	5
ROAD3	5	606827.8	4201128.22	0.0944	76.04	76.04	0	ANNUAL	ROAD4	5	606827.8	4201128.22	0.07199	76.04	76.04	0	ANNUAL	ROAD5	5	606827.8	4201128.22	0.07191	76.04	76.04	0	ANNUAL	ROAD6	5	605752.64	4201613.91	8.42503	103.23	113.71	0	ANNUAL	ROAD6	5
ROAD3	5	606847.8	4201128.22	0.09889	75.76	75.76	0	ANNUAL	ROAD4	5	606847.8	4201128.22	0.07075	75.76	75.76	0	ANNUAL	ROAD5	5	606847.8	4201128.22	0.07064	75.76	75.76	0	ANNUAL	ROAD6	5	605755.8	4201636.77	7.82454	96.02	119.11	0	ANNUAL	ROAD6	5
ROAD3	5	606867.8	4201128.22	0.10317	75.59	75.59	0	ANNUAL	ROAD4	5	606867.8	4201128.22	0.06953	75.59	75.59	0	ANNUAL	ROAD5	5	606867.8	4201128.22	0.06939	75.59	75.59	0	ANNUAL	ROAD6	5	605756.59	4201659.63	7.74226	91.24	119.11	0	ANNUAL	ROAD6	5
ROAD3	5	606887.8	4201128.22	0.10837	75.38	75.38	0	ANNUAL	ROAD4	5	606887.8	4201128.22	0.06832	75.38	75.38	0	ANNUAL	ROAD5	5	606887.8	4201128.22	0.06815	75.38	75.38	0	ANNUAL	ROAD6	5	605757.37	4201681.7	7.80918	90.46	119.11	0	ANNUAL	ROAD6	5
ROAD3	5	606907.8	4201128.22	0.11407	75.24	75.24	0	ANNUAL	ROAD4	5	606907.8	4201128.22	0.06713	75.24	75.24	0	ANNUAL	ROAD5	5	606907.8	4201128.22	0.06693	75.24	75.24	0	ANNUAL	ROAD6	5	605804.38	4201419.48	2.3345	102.75	113.61	0	ANNUAL	ROAD6	5
ROAD3	5	606927.8	4201128.22	0.12043	75.04	75.04	0	ANNUAL	ROAD4	5	606927.8	4201128.22	0.06595	75.04	75.04	0	ANNUAL	ROAD5	5	606927.8	4201128.22	0.06572	75.04	75.04	0	ANNUAL	ROAD6	5	605826.19	4201439.64	2.19111	100.66	113.61	0	ANNUAL	ROAD6	5
ROAD3	5	606947.8	4201128.22	0.12743	74.84	74.84	0	ANNUAL	ROAD4	5	606947.8	4201128.22	0.06478	74.84	74.84	0	ANNUAL	ROAD5	5	606947.8	4201128.22	0.06453	74.84	74.84	0	ANNUAL	ROAD6	5	605823.31	4201467.62	2.5698	96.57	113.71	0	ANNUAL	ROAD6	5
ROAD3	5	606967.8	4201128.22	0.1353	74.64	74.64	0	ANNUAL	ROAD4	5	606967.8	4201128.22	0.06362	74.64	74.64	0	ANNUAL	ROAD5	5	606967.8	4201128.22	0.06336	74.64	74.64	0	ANNUAL	ROAD6	5	605819.2	4201487.79	2.79157	93.83	118.11	0	ANNUAL	ROAD6	5
ROAD3	5	606987.8	4201128.22	0.14415	74.43	74.43	0	ANNUAL	ROAD4	5	606987.8	4201128.22	0.06249	74.43	74.43	0	ANNUAL	ROAD5	5	606987.8	4201128.22	0.0622	74.43	74.43	0	ANNUAL	ROAD6	5	605814.67	4201508.36	2.99254	92.67	118.98	0	ANNUAL	ROAD6	5
ROAD3	5	607007.8	4201128.22	0.15408	74.23	74.23	0	ANNUAL	ROAD4	5	607007.8	4201128.22	0.06136	74.23	74.23	0	ANNUAL	ROAD5	5	607007.8	4201128.22	0.06106	74.23	74.23	0	ANNUAL	ROAD6	5	605814.67	4201534.29	3.08338	95.76	115.14	0	ANNUAL	ROAD6	5
ROAD3	5	607027.8	4201128.22	0.16536	74.04	74.04	0	ANNUAL	ROAD4	5	607027.8	4201128.22	0.06026	74.04	74.04	0	ANNUAL	ROAD5	5	607027.8	4201128.22	0.05995	74.04	74.04	0	ANNUAL	ROAD6	5	605860.35	4201439.64	1.50952	105.1	112.92	0	ANNUAL	ROAD6	5
ROAD3	5	607047.8	4201128.22	0.17851	73.79	73.79	0	ANNUAL	ROAD4	5	607047.8	4201128.22	0.05917	73.79	73.79	0	ANNUAL	ROAD5	5	607047.8	4201128.22	0.05884	73.79	73.79	0	ANNUAL	ROAD6	5	605857.05	4201470.09	1.7981	101.01	113.61	0	ANNUAL	ROAD6	5
ROAD3	5	607067.8	4201128.22	0.19382	73.54	73.54	0	ANNUAL	ROAD4	5	607067.8	4201128.22	0.05809	73.54	73.54	0	ANNUAL	ROAD5	5	607067.8	4201128.22	0.05776	73.54	73.54	0	ANNUAL	ROAD6	5	605857.05	4201491.49	1.91033	97.67	113.61	0	ANNUAL	ROAD6	5
ROAD3	5	607087.8	4201128.22	0.21191	73.24	73.24	0	ANNUAL	ROAD4	5	607087.8	4201128.22	0.05704	73.24	73.24	0	ANNUAL	ROAD5	5	607087.8	4201128.22	0.05669	73.24	73.24	0	ANNUAL	ROAD6	5	605854.59	4201515.36	2.0207	93.53	113.71	0	ANNUAL	ROAD6	5
ROAD3	5	607107.8	4201128.22	0.23324	73.04	73.04	0	ANNUAL	ROAD4	5	607107.8	4201128.22	0.056	73.04	73.04	0	ANNUAL	ROAD5	5	607107.8	4201128.22	0.05565	73.04	73.04	0	ANNUAL	ROAD6	5	605854.59	4201537.17	2.05595	91.08	117.8	0	ANNUAL	ROAD6	5
ROAD3	5	607127.8	4201128.22	0.25917	72.79	72.79	0	ANNUAL	ROAD4	5	607127.8	4201128.22	0.05498	72.79	72.79	0	ANNUAL	ROAD5	5	607127.8	4201128.22	0.05462	72.79	72.79	0	ANNUAL	ROAD6	5	605892.86	4201424.83	1.0466	110.23	110.23	0	ANNUAL	ROAD6	5
ROAD3	5	607147.8	4201128.22	0.29109	72.54	72.54	0	ANNUAL	ROAD4	5	607147.8	4201128.22	0.05398	72.54	72.54	0	ANNUAL	ROAD5	5	607147.8	4201128.22	0.05362	72.54	72.54	0	ANNUAL	ROAD6	5	605915.08	4201442.93	0.97839	112.18	112.18	0	ANNUAL	ROAD6	5
ROAD3	5	607167.8	4201128.22	0.33111	72.34	72.34	0	ANNUAL	ROAD4	5	607167.8	4201128.22	0.053	72.34	72.34	0	ANNUAL	ROAD5	5	607167.8	4201128.22	0.05263	72.34	72.34	0	ANNUAL	ROAD6	5	605913.84	4201470.5	1.10077	111.11	112.58	0	ANNUAL	ROAD6	5
ROAD3	5	607187.8	4201128.22	0.383	72.14	72.14	0	ANNUAL	ROAD4	5	607187.8	4201128.22	0.05204	72.14	72.14	0	ANNUAL	ROAD5	5	607187.8	4201128.22	0.05167	72.14	72.14	0	ANNUAL	ROAD6	5	605915.9	4201491.49	1.1882	106.24	112.92	0	ANNUAL	ROAD6	5
ROAD3	5	607207.8	4201128.22	0.45279	71.94	71.94	0	ANNUAL	ROAD4	5	607207.8	4201128.22	0.0511	71.94	71.94	0	ANNUAL	ROAD5	5	607207.8	4201128.22	0.05072	71.94	71.94	0	ANNUAL	ROAD6	5	605908.49	4201515.36	1.34425	101.45	112.92	0	ANNUAL	ROAD6	5
ROAD3	5	607227.8	4201128.22	0.55117	71.74	71.74	0	ANNUAL	ROAD4	5	607227.8	4201128.22	0.05017	71.74	71.74	0	ANNUAL	ROAD5	5	607227.8	4201128.22	0.04979	71.74	71.74	0	ANNUAL	ROAD6	5	605904.79	4201542.52	1.45863	97.12	112.92	0	ANNUAL	ROAD6	5
ROAD3	5	607247.8	4201128.22	0.69901	71.54	71.54	0	ANNUAL	ROAD4	5	607247.8	4201128.22	0.04926	71.54	71.54	0	ANNUAL	ROAD5	5	607247.8	4201128.22	0.04888	71.54	71.54	0	ANNUAL	ROAD6	5	605957.05	4201448.69	0.81929	105.9	112.92	0	ANNUAL	ROAD6	5
ROAD3	5	607267.8	4201128.22	0.94262	71.34	71.34	0	ANNUAL	ROAD4	5	607267.8	4201128.22	0.04838	71.34	71.34	0	ANNUAL	ROAD5	5	607267.8	4201128.22	0.048	71.34	71.34	0	ANNUAL	ROAD6	5	605984.21	4201435.94	0.69732	100.6	112.92	0	ANNUAL	ROAD6	5
ROAD3	5	607287.8	4201128.22	1.40259	71.14	71.14	0	ANNUAL	ROAD4	5	607287.8	4201128.22	0.04751	71.14	71.14	0	ANNUAL	ROAD5	5	607287.8	4201128.22	0.04713	71.14	71.14	0	ANNUAL	ROAD6	5	606012.6	4201448.69	0.64216	99.51	112.92	0	ANNUAL	ROAD6	5
ROAD3	5	607307.8	4201128.22	2.44029	70.93	70.93	0	ANNUAL	ROAD4	5	607307.8	4201128.22	0.04665	70.93	70.93	0	ANNUAL	ROAD5	5	607307.8	4201128.22	0.04627	70.93	70.93	0	ANNUAL	ROAD6	5	605949.23	4201544.16	1.11172	97.24	112.92	0	ANNUAL	ROAD6	5
ROAD3	5	606527.8	4201148.22	0.05548	78.37	78.37	0	ANNUAL	ROAD4	5	606527.8	4201148.22	0.09561	78.37	78.37	0	ANNUAL	ROAD5	5	606527.8	4201148.22	0.09635	78.37	78.37	0	ANNUAL	ROAD6	5	605950.05	4201518.65	1.04629	101.76	112.92	0	ANNUAL	ROAD6	5
ROAD3	5	606547.8	4201148.22	0.05712	78.21	78.21	0	ANNUAL	ROAD4	5	606547.8	4201148.22	0.09423	78.21	78.21	0	ANNUAL	ROAD5	5	606547.8	4201148.22	0.09487	78.21	78.21	0	ANNUAL	ROAD6	5	605954.99	4201496.02	0.95455	105.4	112.92	0	ANNUAL	ROAD6	5
ROAD3	5	606567.8	4201148.22	0.05885	78.11	78.11	0	ANNUAL	ROAD4	5	606567.8	4201148.22	0.09283	78.11	78.11	0	ANNUAL	ROAD5	5	606567.8	4201148.22	0.09336	78.11	78.11	0	ANNUAL	ROAD6	5	605951.7	4201477.5	0.91028	109.07	112.92	0	ANNUAL	ROAD6	5
ROAD3	5	606587.8	4201148.22	0.06069	77.99	77.99	0	ANNUAL	ROAD4	5	606587.8	4201148.22	0.09141	77.99	77.99	0	ANNUAL	ROAD5	5	606587.8	4201148.22	0.09185	77.99	77.99	0	ANNUAL	ROAD6	5	606001.9	4201540.87	0.83768	95.19	112.92	0	ANNUAL	ROAD6	5
ROAD3	5	606607.8	4201148.22	0.06265	77.87	77.87	0	ANNUAL	ROAD4	5	606607.8	4201148.22	0.08998	77.87	77.87	0	ANNUAL	ROAD5	5	606607.8	4201148.22	0.09035	77.87	77.87	0	ANNUAL	ROAD6	5	606004.78	4201518.24	0.79336	98.4	112.92	0	ANNUAL	ROAD6	5
ROAD3	5	606627.8	4201148.22	0.06469	77.87	77.87	0	ANNUAL	ROAD4	5	606627.8	4201148.22	0.08855	77.87	77.87	0	ANNUAL	ROAD5	5	606627.8	4201148.22	0.08884	77.87	77.87	0	ANNUAL	ROAD6	5	606005.3	4201499.08	0.75846	99.53	112.92	0	ANNUAL	ROAD6	5
ROAD3	5	606647.8	4201148.22	0.06694	77.7	77.7	0	ANNUAL	ROAD4	5	606647.8	4201148.22	0.08711	77.7	77.7	0	ANNUAL	ROAD5	5	606647.8	4201148.22	0.08733	77.7	77.7	0	ANNUAL	ROAD6	5	606009.49	4201477.75	0.70636	99.74	112.92	0	ANNUAL	ROAD6	5
ROAD3	5	606667.8	4201148.22	0.06934	77.54	77.54	0	ANNUAL	ROAD4	5	606667.8	4201148.22	0.08566	77.54	77.54	0	ANNUAL	ROAD5	5	606667.8	4201148.22	0.08583	77.54	77.54	0	ANNUAL	ROAD6	5	606057.41	4201447.66	0.53732	95.97	112.92	0	ANNUAL	ROAD6	5
ROAD3	5	606687.8	4201148.22	0.07191	77.34	77.34	0	ANNUAL	ROAD4	5	606687.8	4201148.22	0.08421	77.34	77.34	0	ANNUAL	ROAD5	5	606687.8	4201148.22	0.08432	77.34	77.34	0	ANNUAL	ROAD6	5	606058.46	4201539.31	0.64342	87.6	113.61	0	ANNUAL	ROAD6	5
ROAD3	5	606707.8	4201148.22	0.07465	77.14	77.14	0	ANNUAL	ROAD4	5	606707.8	4201148.22	0.08278	77.14	77.14	0	ANNUAL	ROAD5	5	606707.8	4201148.22	0.08284	77.14	77.14	0	ANNUAL	ROAD6	5	606061.96	4201516.57	0.61364	90.33	112.92	0	ANNUAL	ROAD6	5
ROAD3	5	606727.8	4201148.22	0.07758	76.88	76.88	0	ANNUAL	ROAD4	5	606727.8	4201148.22	0.08134	76.88	76.88	0	ANNUAL	ROAD5	5	606727.8	4201148.22	0.08135	76.88	76.88	0	ANNUAL	ROAD6	5	606057.76	4201494.89	0.59996	92.5	112.92	0	ANNUAL	ROAD6	5
ROAD3	5	606747.8	4201148.22	0.08068	76.71	76.71	0	ANNUAL	ROAD4	5	606747.8	4201148.22	0.07991	76.71	76.71	0	ANNUAL	ROAD5	5	606747.8	4201148.22	0.07987	76.71	76.71	0	ANNUAL	ROAD6	5	606054.96	4201471.1	0.57649	96.35	112.92	0	ANNUAL	ROAD6	5
ROAD3	5	606767.8	4201148.22	0.08395	76.62	76.62	0	ANNUAL	ROAD4	5	606767.8	4201148.22	0.0785	76.62	76.62	0	ANNUAL	ROAD5	5	606767.8	4201148.22	0.07842	76.62	76.62	0	ANNUAL	ROAD6	5	606083.3	4201427.03	0.4614	92.87	112.92	0	ANNUAL	ROAD6	5
ROAD3	5	606787.8	4201148.22	0.08752	76.4	76.4	0	ANNUAL	ROAD4	5	606787.8	4201148.22	0.07709	76.4	76.4	0	ANNUAL	ROAD5	5	606787.8	4201148.22	0.07698	76.4	76.4	0	ANNUAL	ROAD6	5	606107.43	4201441.37	0.44346	93.77	112.92	0	ANNUAL	ROAD6	5
ROAD3	5	606807.8	4201148.22	0.09134	76.24	76.24	0	ANNUAL	ROAD4	5	606807.8	4201148.22	0.07571	76.24	76.24	0	ANNUAL	ROAD5	5	606807.8	4201148.22	0.07555	76.24	76.24	0	ANNUAL	ROAD6	5	606113.38	4201469.7	0.46517	95.5	95.5	0	ANNUAL	ROAD6	5
ROAD3	5	606827.8	4201148.22	0.09552	76.04	76.04	0	ANNUAL	ROAD4	5	606827.8	4201148.22	0.07433	76.04	76.04	0	ANNUAL	ROAD5	5	606827.8	4201148.22	0.07414	76.04	76.04	0	ANNUAL	ROAD6	5	606112.33	4201491.04	0.48785	94.39	111.76	0	ANNUAL	ROAD6	5
ROAD3	5	606847.8	4201148.22	0.10008	75.84	75.84	0	ANNUAL	ROAD4	5	606847.8	4201148.22	0.07297	75.84	75.84	0	ANNUAL	ROAD5	5	606847.8	4201148.22	0.07275	75.84	75.84	0	ANNUAL	ROAD6	5	606108.13	4201514.12	0.5157	92.5	112.92	0	ANNUAL	ROAD6	5
ROAD3	5	606867.8	4201148.22	0.10452	75.59	75.59	0	ANNUAL	ROAD4	5	606867.8	4201148.22	0.07162	75.59	75.59	0	ANNUAL	ROAD5	5	606867.8	4201148.22	0.07138	75.59	75.59	0	ANNUAL	ROAD6	5	606113.03	4201537.21	0.52235	87.12	112.92	0	ANNUAL	ROAD6	5
ROAD3	5	606887.8	4201148.22	0.11005	75.44	75.44	0	ANNUAL	ROAD4	5	606887.8	4201148.22	0.0703	75.44	75.44	0	ANNUAL	ROAD5	5	606887.8	4201148.22	0.07003	75.44	75.44	0	ANNUAL	ROAD6	5	606149.76	4201533.71	0.45941	88.2	112.92	0	ANNUAL	ROAD6	5
ROAD3	5	606907.8	4201148.22	0.11592	75.24	75.24	0	ANNUAL	ROAD4	5	606907.8	4201148.22	0.069	75.24	75.24	0	ANNUAL	ROAD5	5	606907.8	4201148.22	0.06871	75.24	75.24	0	ANNUAL	ROAD6	5	606169.34	4201536.16	0.43255	87.88	111.76	0	ANNUAL	ROAD6	5
ROAD3	5	606927.8	4201148.22	0.12248	75.04	75.04	0	ANNUAL	ROAD4	5	606927.8	4201148.22	0.06771	75.04	75.04	0	ANNUAL	ROAD5	5	606927.8	4201148.22	0.0674	75.04	75.04	0	ANNUAL	ROAD6	5	606167.94	4201503.63	0.41573	93.7	94.53	0	ANNUAL	ROAD6	5
ROAD3	5	606947.8	4201148.22	0.12974	74.82	74.82	0	ANNUAL	ROAD4	5	606947.8	4201148.22	0.06644	74.82	74.82	0	ANNUAL	ROAD5	5	606947.8	4201148.22	0.06611	74.82	74.82	0	ANNUAL	ROAD6	5	606158.5	4201482.99	0.41332	95.73	95.73	0	ANNUAL	ROAD6	5
ROAD3	5	606967.8	4201148.22	0.13794	74.58	74.58	0	ANNUAL	ROAD4	5	606967.8	4201148.22	0.06519	74.58	74.58	0	ANNUAL	ROAD5	5	606967.8	4201148.22	0.06485	74.58	74.58	0	ANNUAL	ROAD6	5	606161.65	4201457.81	0.38931	94.5	96.37	0	ANNUAL	ROAD6	5
ROAD3	5	606987.8	4201148.22	0.14713	74.34	74.34	0	ANNUAL	ROAD4	5	606987.8	4201148.22	0.06396	74.34	74.34	0	ANNUAL	ROAD5	5	606987.8	4201148.22	0.06361	74.34	74.34	0	ANNUAL	ROAD6	5	606186.48	4201435.77	0.34516	90.23	96.38	0	ANNUAL	ROAD6	5
ROAD3	5	607007.8	4201148.22	0.15744	74.14	74.14	0	ANNUAL	ROAD4	5	607007.8	4201148.22	0.06276	74.14	74.14	0	ANNUAL	ROAD5	5	607007.8	4201148.22	0.06239	74.14	74.14	0	ANNUAL	ROAD6	5	606208.52	4201434.72	0.3243	88.51	96.38	0	ANNUAL	ROAD6	5
ROAD3	5	607027.8	4201148.22	0.16912	73.97	73.97	0	ANNUAL	ROAD4	5	607027.8	4201148.22	0.06157	73.97	73.97	0	ANNUAL	ROAD5	5	607027.8	4201148.22	0.06119	73.97	73.97	0	ANNUAL	ROAD6	5	606229.86	4201440.32	0.31036	88.4	96.37	0	ANNUAL	ROAD6	5
ROAD3	5	607047.8	4201148.22	0.1827	73.74	73.74	0	ANNUAL	ROAD4	5	607047.8	4201148.22	0.06041	73.74	73.74	0	ANNUAL	ROAD5	5	607047.8	4201148.22	0.06002	73.74	73.74	0	ANNUAL	ROAD6	5	606250.49	4201437.52	0.29257	86.23	96.37	0	ANNUAL	ROAD6	5
ROAD3	5	607067.8	4201148.22	0.19851	73.52	73.52	0	ANNUAL	ROAD4	5	607067.8	4201148.22	0.05927	73.52	73.52	0	ANNUAL	ROAD5	5	607067.8	4201148.22	0.05887	73.52	73.52	0	ANNUAL	ROAD6	5	606272.88	4201439.62	0.278	85.76	96.14	0	ANNUAL	ROAD6	5
ROAD3	5	607087.8	4201148.22	0.21725	73.24	73.24	0	ANNUAL	ROAD4	5	607087.8	4201148.22	0.05814	73.24	73.24	0	ANNUAL	ROAD5	5	607087.8	4201148.22	0.05774	73.24	73.24	0	ANNUAL	ROAD6	5	606292.47	4201438.92	0.26483	84.79	95.86	0	ANNUAL	ROAD6	5
ROAD3	5	607107.8	4201148.22	0.23952	73	73	0	ANNUAL	ROAD4	5	607107.8	4201148.22	0.05704	73	73	0	ANNUAL	ROAD5	5	607107.8	4201148.22	0.05663	73	73	0	ANNUAL	ROAD6	5	606315.55	4201437.87	0.25036	83.46	95.86	0	ANNUAL	ROAD6	5
ROAD3	5	607127.8	4201148.22	0.2666	72.74	72.74	0	ANNUAL	ROAD4	5	607127.8	4201148.22	0.05596	72.74	72.74	0	ANNUAL	ROAD5	5	607127.8	4201148.22	0.05555	72.74	72.74	0	ANNUAL	ROAD6	5	606336.54	4201438.57	0.2389	82.5	95.86	0	ANNUAL	ROAD6	5
ROAD3	5	607147.8	4201148.22	0.29975	72.54	72.54	0	ANNUAL	ROAD4	5	607147.8	4201148.22	0.05491	72.54	72.54	0	ANNUAL	ROAD5	5	607147.8	4201148.22	0.05449	72.54	72.54	0	ANNUAL	ROAD6	5	606356.48	4201437.17	0.2278	80.83	95.86	0	ANNUAL	ROAD6	5
ROAD3	5	607167.8	4201148.22	0.34158	72.34	72.34	0	ANNUAL	ROAD4	5	607167.8	4201148.22	0.05387	72.34	72.34	0	ANNUAL	ROAD5	5	607167.8	4201148.22	0.05345	72.34	72.34	0	ANNUAL	ROAD6	5	606381.66	4201440.67	0.21683	80.36	95.77	0	ANNUAL	ROAD6	5
ROAD3	5	607187.8	4201148.22	0.39596	72.14	72.14	0	ANNUAL	ROAD4	5	607187.8	4201148.22	0.05286	72.14	72.14	0	ANNUAL	ROAD5	5	607187.8	4201148.22	0.05244	72.14	72.14	0	ANNUAL	ROAD6	5	606400.2	4201441.37	0.20856	79.55	95.77	0	ANNUAL	ROAD6	5
ROAD3	5	607207.8	4201148.22	0.46932	71.94	71.94	0	ANNUAL	ROAD4	5	607207.8	4201148.22	0.05187	71.94	71.94	0	ANNUAL	ROAD5	5	607207.8	4201148.22	0.05145	71.94	71.94	0	ANNUAL	ROAD6	5	606417.34	4201441.37	0.20123	79.24	95.77	0	ANNUAL	ROAD6	5
ROAD3	5	607227.8	4201148.22	0.57313	71.74	71.74	0	ANNUAL	ROAD4	5	607227.8	4201148.22	0.0509	71.74	71.74	0	ANNUAL	ROAD5	5	607227.8	4201148.22	0.05047	71.74	71.74	0	ANNUAL	ROAD6	5	606444.62	4201444.87	0.19103	78.57	95.77	0	ANNUAL	ROAD6	5
ROAD3	5	607247.8	4201148.22	0.72984	71.54	71.54	0	ANNUAL	ROAD4	5	607247.8	4201148.22	0.04995	71.54	71.54	0	ANNUAL	ROAD5	5	607247.8	4201148.22	0.04953	71.54	71.54	0	ANNUAL	ROAD6	5	606474	4201459.56	0.18306	79.28	95.77	0	ANNUAL	ROAD6	5
ROAD3	5	607267.8	4201148.22	0.98918	71.34	71.34	0	ANNUAL	ROAD4	5	607267.8	4201148.22	0.04902	71.34	71.34	0	ANNUAL	ROAD5	5	607267.8	4201148.22	0.0486	71.34	71.34	0	ANNUAL	ROAD6	5	606498.84	4201448.36	0.17138	74.57	96.04	0	ANNUAL	ROAD6	5
ROAD3	5	607287.8	4201148.22	1.47896	71.14	71.14	0	ANNUAL	ROAD4	5	607287.8	4201148.22	0.04811	71.14	71.14	0	ANNUAL	ROAD5	5	607287.8	4201148.22	0.04769	71.14	71.14	0	ANNUAL	ROAD6	5	606518.78	4201441.37	0.16362	73.62	96.04	0	ANNUAL	ROAD6	5
ROAD3	5	607307.8	4201148.22	2.57589	70.84	70.84	0	ANNUAL	ROAD4	5	607307.8	4201148.22	0.04722	70.84	70.84	0	ANNUAL	ROAD5	5	607307.8	4201148.22	0.0468	70.84	70.84	0	ANNUAL	ROAD6	5	606541.86	4201446.62	0.15745	73.85	96.04	0	ANNUAL	ROAD6	5
ROAD3	5	606527.8	4201168.22	0.05572	78.5	78.5	0	ANNUAL	ROAD4	5	606527.8	4201168.22	0.1009	78.5	78.5	0	ANNUAL	ROAD5	5	606527.8	4201168.22	0.10145	78.5	78.5	0	ANNUAL	ROAD6	5	606562.5	4201446.27	0.15145	73.85	96.04	0	ANNUAL	ROAD6	5
ROAD3	5	606547.8	4201168.22	0.05737	78.37	78.37	0	ANNUAL	ROAD4	5	606547.8	4201168.22	0.09923	78.37	78.37	0	ANNUAL	ROAD5	5	606547.8	4201168.22	0.0997	78.37	78.37	0	ANNUAL	ROAD6	5	606580.34	4201444.87	0.14639	73.83	96.04	0	ANNUAL	ROAD6	5
ROAD3	5	606567.8	4201168.22	0.0591	78.27	78.27	0	ANNUAL	ROAD4	5	606567.8	4201168.22	0.09757	78.27	78.27	0	ANNUAL	ROAD5	5	606567.8	4201168.22	0.09795	78.27	78.27	0	ANNUAL	ROAD6	5	606598.88	4201448.01	0.14187	73.86	96.04	0	ANNUAL	ROAD6	5
ROAD3	5	606587.8	4201168.22	0.06096	78.14	78.14	0	ANNUAL	ROAD4	5	606587.8	4201168.22	0.0959	78.14	78.14	0	ANNUAL	ROAD5	5	606587.8	4201168.22	0.09619	78.14	78.14	0	ANNUAL	ROAD6	5	606618.46	4201447.31	0.1369	73.95	95.26	0	ANNUAL	ROAD6	5
ROAD3	5	606607.8	4201168.22	0.06294	78.03	78.03	0	ANNUAL	ROAD4	5	606607.8	4201168.22	0.09423	78.03	78.03	0	ANNUAL	ROAD5	5	606607.8	4201168.22	0.09444	78.03	78.03	0	ANNUAL	ROAD6	5	606634.55	4201446.27	0.13293	73.94	93.68	0	ANNUAL	ROAD6	5
ROAD3	5	606627.8	4201168.22	0.06502	77.98	77.98	0	ANNUAL	ROAD4	5	606627.8	4201168.22	0.09256	77.98	77.98	0	ANNUAL	ROAD5	5	606627.8	4201168.22	0.09271	77.98	77.98	0	ANNUAL	ROAD6	5	606654.84	4201448.01	0.12838	73.73	92.19	0	ANNUAL	ROAD6	5
ROAD3	5	606647.8	4201168.22	0.06731	77.78	77.78	0	ANNUAL	ROAD4	5	606647.8	4201168.22	0.0909	77.78	77.78	0	ANNUAL	ROAD5	5	606647.8	4201168.22	0.09099	77.78	77.78	0	ANNUAL	ROAD6	5	606671.98	4201445.92	0.1244	73.42	73.42	0	ANNUAL	ROAD6	5
ROAD3	5	606667.8	4201168.22	0.06976	77.57	77.57	0	ANNUAL	ROAD4	5	606667.8	4201168.22	0.08925	77.57	77.57	0	ANNUAL	ROAD5	5	606667.8	4201168.22	0.08928	77.57	77.57	0	ANNUAL	ROAD6	5	606689.82	4201446.96	0.12064	72.92	72.92	0	ANNUAL	ROAD6	5
ROAD3	5	606687.8	4201168.22	0.07236	77.41	77.41	0	ANNUAL	ROAD4	5	606687.8	4201168.22	0.08761	77.41	77.41	0	ANNUAL	ROAD5	5	606687.8	4201168.22	0.08759	77.41	77.41	0	ANNUAL	ROAD6	5	606709.06	4201446.27	0.1166	72.05	72.05	0	ANNUAL	ROAD6	5
ROAD3	5	606707.8	4201168.22	0.07519	77.1	77.1	0	ANNUAL	ROAD4	5	606707.8	4201168.22	0.08599	77.1	77.1	0	ANNUAL	ROAD5	5	606707.8	4201168.22	0.08592	77.1	77.1	0	ANNUAL	ROAD6	5	606728.64	4201447.31	0.11279	71.3	73.46	0	ANNUAL	ROAD6	5
ROAD3	5	606727.8	4201168.22	0.07822	76.77	76.77	0	ANNUAL	ROAD4	5	606727.8	4201168.22	0.08437	76.77	76.77	0	ANNUAL	ROAD5	5	606727.8	4201168.22	0.08425	76.77	76.77	0	ANNUAL	ROAD6	5	606745.08	4201446.96	0.10974	71.37	74.54	0	ANNUAL	ROAD6	5
ROAD3	5	606747.8	4201168.22	0.08137	76.6	76.6	0	ANNUAL	ROAD4	5	606747.8	4201168.22	0.08277	76.6	76.6	0	ANNUAL	ROAD5	5	606747.8	4201168.22	0.08261	76.6	76.6	0	ANNUAL	ROAD6	5	606764.67	4201449.41	0.10638	71.46	74.87	0	ANNUAL	ROAD6	5
ROAD3	5	606767.8	4201168.22	0.08473	76.45	76.45	0	ANNUAL	ROAD4	5	606767.8	4201168.22	0.0812	76.45	76.45	0	ANNUAL	ROAD5	5	606767.8	4201168.22	0.081	76.45	76.45	0	ANNUAL	ROAD6	5	606781.11	4201450.46	0.10365	71.8	75.5	0	ANNUAL	ROAD6	5
ROAD3	5	606787.8	4201168.22	0.08833	76.31	76.31	0	ANNUAL	ROAD4	5	606787.8	4201168.22	0.07965	76.31	76.31	0	ANNUAL	ROAD5	5	606787.8	4201168.22	0.07942	76.31	76.31	0	ANNUAL	ROAD6	5	606800.7	4201451.51	0.10049	72.1	75.52	0	ANNUAL	ROAD6	5
ROAD3	5	606807.8	4201168.22	0.09223	76.14	76.14	0	ANNUAL	ROAD4	5	606807.8	4201168.22	0.07812	76.14	76.14	0	ANNUAL	ROAD5	5	606807.8	4201168.22	0.07785	76.14	76.14	0	ANNUAL	ROAD6	5	606818.19	4201452.56	0.09777	72.27	75.53	0	ANNUAL	ROAD6	5
ROAD3	5	606827.8	4201168.22	0.09645	76.02	76.02	0	ANNUAL	ROAD4	5	606827.8	4201168.22	0.07661	76.02	76.02	0	ANNUAL	ROAD5	5	606827.8	4201168.22	0.07632	76.02	76.02	0	ANNUAL	ROAD6	5	606836.03	4201452.56	0.09506	72.46	75.25	0	ANNUAL	ROAD6	5
ROAD3	5	606847.8	4201168.22	0.10108	75.84	75.84	0	ANNUAL	ROAD4	5	606847.8	4201168.22	0.07512	75.84	75.84	0	ANNUAL	ROAD5	5	606847.8	4201168.22	0.0748	75.84	75.84	0	ANNUAL	ROAD6	5	606854.57	4201452.21	0.09233	72.42	74.9	0	ANNUAL	ROAD6	5
ROAD3	5	606867.8	4201168.22	0.10568	75.59	75.59	0	ANNUAL	ROAD4	5	606867.8	4201168.22	0.07366	75.59	75.59	0	ANNUAL	ROAD5	5	606867.8	4201168.22	0.07331	75.59	75.59	0	ANNUAL	ROAD6	5	606875.9	4201452.56	0.08926	71.43	74.8	0	ANNUAL	ROAD6	5
ROAD3	5	606887.8	4201168.22	0.11143	75.39	75.39	0	ANNUAL	ROAD4	5	606887.8	4201168.22	0.07222	75.39	75.39	0	ANNUAL	ROAD5	5	606887.8	4201168.22	0.07185	75.39	75.39	0	ANNUAL	ROAD6	5	606892.34	4201453.96	0.08695	70.03	74.8	0	ANNUAL	ROAD6	5
ROAD3	5	606907.8	4201168.22	0.11747	75.17	75.17	0	ANNUAL	ROAD4	5	606907.8	4201168.22	0.0708	75.17	75.17	0	ANNUAL	ROAD5	5	606907.8	4201168.22	0.07042	75.17	75.17	0	ANNUAL	ROAD6	5	606914.38	4201456.76	0.084	68.23	74.72	0	ANNUAL	ROAD6	5
ROAD3	5	606927.8	4201168.22	0.12418	74.92	74.92	0	ANNUAL	ROAD4	5	606927.8	4201168.22	0.0694	74.92	74.92	0	ANNUAL	ROAD5	5	606927.8	4201168.22	0.06901	74.92	74.92	0	ANNUAL	ROAD6	5	606932.92	4201460.96	0.08168	67.28	74.63	0	ANNUAL	ROAD6	5
ROAD3	5	606947.8	4201168.22	0.13171	74.74	74.74	0	ANNUAL	ROAD4	5	606947.8	4201168.22	0.06804	74.74	74.74	0	ANNUAL	ROAD5	5	606947.8	4201168.22	0.06763	74.74	74.74	0	ANNUAL	ROAD6	5	606952.5	4201465.5	0.07934	66.73	74.88	0	ANNUAL	ROAD6	5
ROAD3	5	606967.8	4201168.22	0.14015	74.53	74.53	0	ANNUAL	ROAD4	5	606967.8	4201168.22	0.0667	74.53	74.53	0	ANNUAL	ROAD5	5	606967.8	4201168.22	0.06628	74.53	74.53	0	ANNUAL	ROAD6	5	606974.19	4201467.6	0.07686	66.45	75.96	0	ANNUAL	ROAD6	5
ROAD3	5	606987.8	4201168.22	0.1496	74.32	74.32	0	ANNUAL	ROAD4	5	606987.8	4201168.22	0.06538	74.32	74.32	0	ANNUAL	ROAD5	5	606987.8	4201168.22	0.06495	74.32	74.32	0	ANNUAL	ROAD6	5	606994.48	4201473.2	0.07459	65.54	76.36	0	ANNUAL	ROAD6	5
ROAD3	5	607007.8	4201168.22	0.16021	74.12	74.12	0	ANNUAL	ROAD4	5	607007.8	4201168.22	0.0641	74.12	74.12	0	ANNUAL	ROAD5	5	607007.8	4201168.22	0.06365	74.12	74.12	0	ANNUAL	ROAD6	5	607012.32	4201474.6	0.07273	65.87	76.36	0	ANNUAL	ROAD6	5
ROAD3	5	607027.8	4201168.22	0.17227	73.93	73.93	0	ANNUAL	ROAD4	5	607027.8	4201168.22	0.06283	73.93	73.93	0	ANNUAL	ROAD5	5	607027.8	4201168.22	0.06238	73.93	73.93	0	ANNUAL	ROAD6	5	607028.76	4201479.84	0.07108	66.07	76.36	0	ANNUAL	ROAD6	5
ROAD3	5	607047.8	4201168.22	0.18637	73.63	73.63	0	ANNUAL	ROAD4	5	607047.8	4201168.22	0.06159	73.63	73.63	0	ANNUAL	ROAD5	5	607047.8	4201168.22	0.06113	73.63	73.63	0	ANNUAL	ROAD6	5	607054.99	4201488.59	0.06853	66.57	76.36	0	ANNUAL	ROAD6	5
ROAD3	5	607067.8	4201168.22	0.20264	73.42	73.42	0	ANNUAL	ROAD4	5	607067.8	4201168.22	0.06038	73.42	73.42	0	ANNUAL	ROAD5	5	607067.8	4201168.22	0.05992	73.42	73.42	0	ANNUAL	ROAD6	5	607053.24	4201471.1	0.0687	66.54	76.36	0	ANNUAL	ROAD6	5
ROAD3	5	607087.8	4201168.22	0.22179	73.22	73.22	0	ANNUAL	ROAD4	5	607087.8	4201168.22	0.05919	73.22	73.22	0	ANNUAL	ROAD5	5	607087.8	4201168.22	0.05873	73.22	73.22	0	ANNUAL	ROAD6	5	607058.84	4201453.26	0.06817	67.28	67.28	0	ANNUAL	ROAD6	5
ROAD3	5	607107.8	4201168.22	0.24491	72.93	72.93	0	ANNUAL	ROAD4	5	607107.8	4201168.22	0.05802	72.93	72.93	0	ANNUAL	ROAD5	5	607107.8	4201168.22	0.05756	72.93	72.93	0	ANNUAL	ROAD6	5	607111.31	4201455.71	0.06349	66.97	66.97	0	ANNUAL	ROAD6	5
ROAD3	5	607127.8	4201168.22	0.27266	72.74	72.74	0	ANNUAL	ROAD4	5	607127.8	4201168.22	0.05689	72.74	72.74	0	ANNUAL	ROAD5	5	607127.8	4201168.22	0.05642	72.74	72.74	0	ANNUAL	ROAD6	5	607106.06	4201502.23	0.06381	66.58	76.36	0	ANNUAL	ROAD6	5
ROAD3	5	607147.8	4201168.22	0.30691	72.54	72.54	0	ANNUAL	ROAD4	5	607147.8	4201168.22	0.05578	72.54	72.54	0	ANNUAL	ROAD5	5	607147.8	4201168.22	0.05531	72.54	72.54	0	ANNUAL	ROAD6	5	607109.71	4201481.99	0.06353	65.8	76.27	0	ANNUAL	ROAD6	5
ROAD3	5	607167.8	4201168.22	0.35016	72.34	72.34	0	ANNUAL	ROAD4	5	607167.8	4201168.22	0.05469	72.34	72.34	0	ANNUAL	ROAD5	5	607167.8	4201168.22	0.05422	72.34	72.34	0	ANNUAL	ROAD6	5	607139.67	4201507.22	0.06085	64.68	76.27	0	ANNUAL	ROAD6	5
ROAD3	5	607187.8	4201168.22	0.4066	72.12	72.12	0	ANNUAL	ROAD4	5	607187.8	4201168.22	0.05363	72.12	72.12	0	ANNUAL	ROAD5	5	607187.8	4201168.22	0.05316	72.12	72.12	0	ANNUAL	ROAD6	5	607140.46	4201489.08	0.06091	65.14	76.27	0	ANNUAL	ROAD6	5
ROAD3	5	607207.8	4201168.22	0.48255	71.94	71.94	0	ANNUAL	ROAD4	5	607207.8	4201168.22	0.05259	71.94	71.94	0	ANNUAL	ROAD5	5	607207.8	4201168.22	0.05212	71.94	71.94	0	ANNUAL	ROAD6	5	607143.61	4201470.95	0.06077	66.03	66.03	0	ANNUAL	ROAD6	5
ROAD3	5	607227.8	4201168.22	0.5905	71.74	71.74	0	ANNUAL	ROAD4	5	607227.8	4201168.22	0.05157	71.74	71.74	0	ANNUAL	ROAD5	5	607227.8	4201168.22	0.05111	71.74	71.74	0	ANNUAL	ROAD6	5	607150.7	4201452.03	0.06031	67.41	67.41	0	ANNUAL	ROAD6	5
ROAD3	5	607247.8	4201168.22	0.75391	71.54	71.54	0	ANNUAL	ROAD4	5	607247.8	4201168.22	0.05058	71.54	71.54	0	ANNUAL	ROAD5	5	607247.8	4201168.22	0.05012	71.54	71.54	0	ANNUAL	ROAD6	5	607190.12	4201515.89	0.05688	64.68	64.68	0	ANNUAL	ROAD6	5
ROAD3	5	607267.8	4201168.22	1.02478	71.34	71.34	0	ANNUAL	ROAD4	5	607267.8	4201168.22	0.04961	71.34	71.34	0	ANNUAL	ROAD5	5	607267.8	4201168.22	0.04916	71.34	71.34	0	ANNUAL	ROAD6	5	607194.06	4201499.33	0.05671	64.68	64.68	0	ANNUAL	ROAD6	5
ROAD3	5	607287.8	4201168.22	1.53728	71.12	71.12	0	ANNUAL	ROAD4	5	607287.8	4201168.22	0.04867	71.12	71.12	0	ANNUAL	ROAD5	5	607287.8	4201168.22	0.04821	71.12	71.12	0	ANNUAL	ROAD6	5	607199.58	4201481.99	0.05642	64.72	64.72	0	ANNUAL	ROAD6	5
ROAD3	5	607307.8	4201168.22	2.67489	70.84	70.84	0	ANNUAL	ROAD4	5	607307.8	4201168.22	0.04774	70.84	70.84	0	ANNUAL	ROAD5	5	607307.8	4201168.22	0.04729	70.84	70.84	0	ANNUAL	ROAD6	5	607198	4201459.13	0.05668	65.97	65.97	0	ANNUAL	ROAD6	5
ROAD3	5	606527.8	4201188.22	0.05592	78.59	78.59	0	ANNUAL	ROAD4	5	606527.8	4201188.22	0.10621	78.59	78.59	0	ANNUAL	ROAD5	5	606527.8	4201188.22	0.10658	78.59	78.59	0	ANNUAL	ROAD6	5	607235.06	4201458.34	0.05411	65.9	69.35	0	ANNUAL	ROAD6	5
ROAD3	5	606547.8	4201188.22	0.05755	78.52	78.52	0	ANNUAL	ROAD4	5	606547.8	4201188.22	0.10425	78.52	78.52	0	ANNUAL	ROAD5	5	606547.8	4201188.22	0.10453	78.52	78.52	0	ANNUAL	ROAD6	5	607232.69	4201479.62	0.05412	64.63	69.35	0	ANNUAL	ROAD6	5
ROAD3	5	606567.8	4201188.22	0.05931	78.4	78.4	0	ANNUAL	ROAD4	5	606567.8	4201188.22	0.10231	78.4	78.4	0	ANNUAL	ROAD5	5	606567.8	4201188.22	0.10251	78.4	78.4	0	ANNUAL	ROAD6	5	607242.15	4201499.33	0.05336	64.66	69.26	0	ANNUAL	ROAD6	5
ROAD3	5	606587.8	4201188.22	0.06118	78.27	78.27	0	ANNUAL	ROAD4	5	606587.8	4201188.22	0.10038	78.27	78.27	0	ANNUAL	ROAD5	5	606587.8	4201188.22	0.1005	78.27	78.27	0	ANNUAL	ROAD6	5	607245.3	4201518.25	0.053	64.68	64.68	0	ANNUAL	ROAD6	5
ROAD3	5	606607.8	4201188.22	0.06315	78.19	78.19	0	ANNUAL	ROAD4	5	606607.8	4201188.22	0.09845	78.19	78.19	0	ANNUAL	ROAD5	5	606607.8	4201188.22	0.09851	78.19	78.19	0	ANNUAL	ROAD6	5	607289.45	4201511.95	0.05028	65.37	68.79	0	ANNUAL	ROAD6	5
ROAD3	5	606627.8	4201188.22	0.06527	78.08	78.08	0	ANNUAL	ROAD4	5	606627.8	4201188.22	0.09656	78.08	78.08	0	ANNUAL	ROAD5	5	606627.8	4201188.22	0.09654	78.08	78.08	0	ANNUAL	ROAD6	5	607289.45	4201490.66	0.05056	68.08	68.08	0	ANNUAL	ROAD6	5
ROAD3	5	606647.8	4201188.22	0.06758	77.87	77.87	0	ANNUAL	ROAD4	5	606647.8	4201188.22	0.09468	77.87	77.87	0	ANNUAL	ROAD5	5	606647.8	4201188.22	0.0946	77.87	77.87	0	ANNUAL	ROAD6	5	607294.18	4201470.16	0.05043	68.97	68.97	0	ANNUAL	ROAD6	5
ROAD3	5	606667.8	4201188.22	0.07006	77.66	77.66	0	ANNUAL	ROAD4	5	606667.8	4201188.22	0.09282	77.66	77.66	0	ANNUAL	ROAD5	5	606667.8	4201188.22	0.09268	77.66	77.66	0	ANNUAL	ROAD6	5	607288.66	4201454.4	0.05085	69.13	69.13	0	ANNUAL	ROAD6	5
ROAD3	5	606687.8	4201188.22	0.07275	77.36	77.36	0	ANNUAL	ROAD4	5	606687.8	4201188.22	0.09096	77.36	77.36	0	ANNUAL	ROAD5	5	606687.8	4201188.22	0.09079	77.36	77.36	0	ANNUAL	ROAD6	5	607338.67	4201559.91	0.04693	64.78	65.97	0	ANNUAL	ROAD6	5
ROAD3	5	606707.8	4201188.22	0.07562	77.06	77.06	0	ANNUAL	ROAD4	5	606707.8	4201188.22	0.08915	77.06	77.06	0	ANNUAL	ROAD5	5	606707.8	4201188.22	0.08894	77.06	77.06	0	ANNUAL	ROAD6	5	607307.4	4201564.43	0.04868	65.2	65.2	0	ANNUAL	ROAD6	5
ROAD3	5	606727.8	4201188.22	0.07868	76.77	76.77	0	ANNUAL	ROAD4	5	606727.8	4201188.22	0.08735	76.77	76.77	0	ANNUAL	ROAD5	5	606727.8	4201188.22	0.08709	76.77	76.77	0	ANNUAL	ROAD6	5	607285.17	4201568.14	0.04994	64.69	64.69	0	ANNUAL	ROAD6	5
ROAD3	5	606747.8	4201188.22	0.08191	76.55	76.55	0	ANNUAL	ROAD4	5	606747.8	4201188.22	0.08558	76.55	76.55	0	ANNUAL	ROAD5	5	606747.8	4201188.22	0.08529	76.55	76.55	0	ANNUAL	ROAD6	5	607263.77	4201568.55	0.05127	64.64	64.64	0	ANNUAL	ROAD6	5
ROAD3	5	606767.8	4201188.22	0.08534	76.36	76.36	0	ANNUAL	ROAD4	5	606767.8	4201188.22	0.08384	76.36	76.36	0	ANNUAL	ROAD5	5	606767.8	4201188.22	0.08352	76.36	76.36	0	ANNUAL	ROAD6	5	607237.02	4201569.37	0.05301	64.66	64.66	0	ANNUAL	ROAD6	5
ROAD3	5	606787.8	4201188.22	0.08902	76.19	76.19	0	ANNUAL	ROAD4	5	606787.8	4201188.22	0.08214	76.19	76.19	0	ANNUAL	ROAD5	5	606787.8	4201188.22	0.08178	76.19	76.19	0	ANNUAL	ROAD6	5	607218.92	4201572.25	0.05423	64.91	67.69	0	ANNUAL	ROAD6	5
ROAD3	5	606807.8	4201188.22	0.09299	76.01	76.01	0	ANNUAL	ROAD4	5	606807.8	4201188.22	0.08046	76.01	76.01	0	ANNUAL	ROAD5	5	606807.8	4201188.22	0.08008	76.01	76.01	0	ANNUAL	ROAD6	5	607197.52	4201575.13	0.05581	66.98	66.98	0	ANNUAL	ROAD6	5
ROAD3	5	606827.8	4201188.22	0.09726	75.89	75.89	0	ANNUAL	ROAD4	5	606827.8	4201188.22	0.07882	75.89	75.89	0	ANNUAL	ROAD5	5	606827.8	4201188.22	0.07841	75.89	75.89	0	ANNUAL	ROAD6	5	607183.52	4201578.02	0.05686	68.12	68.12	0	ANNUAL	ROAD6	5
ROAD3	5	606847.8	4201188.22	0.1018	75.72	75.72	0	ANNUAL	ROAD4	5	606847.8	4201188.22	0.0772	75.72	75.72	0	ANNUAL	ROAD5	5	606847.8	4201188.22	0.07678	75.72	75.72	0	ANNUAL	ROAD6	5	607165.83	4201576.78	0.05826	68.85	68.85	0	ANNUAL	ROAD6	5
ROAD3	5	606867.8	4201188.22	0.10669	75.57	75.57	0	ANNUAL	ROAD4	5	606867.8	4201188.22	0.07562	75.57	75.57	0	ANNUAL	ROAD5	5	606867.8	4201188.22	0.07517	75.57	75.57	0	ANNUAL	ROAD6	5	607147.72	4201580.48	0.05967	69.56	69.56	0	ANNUAL	ROAD6	5
ROAD3	5	606887.8	4201188.22	0.1126	75.28	75.28	0	ANNUAL	ROAD4	5	606887.8	4201188.22	0.07406	75.28	75.28	0	ANNUAL	ROAD5	5	606887.8	4201188.22	0.0736	75.28	75.28	0	ANNUAL	ROAD6	5	607134.55	4201552.91	0.06113	70.01	73.38	0	ANNUAL	ROAD6	5
ROAD3	5	606907.8	4201188.22	0.11879	75.04	75.04	0	ANNUAL	ROAD4	5	606907.8	4201188.22	0.07253	75.04	75.04	0	ANNUAL	ROAD5	5	606907.8	4201188.22	0.07205	75.04	75.04	0	ANNUAL	ROAD6	5	607125.91	4201581.72	0.06151	70.76	70.76	0	ANNUAL	ROAD6	5
ROAD3	5	606927.8	4201188.22	0.1256	74.84	74.84	0	ANNUAL	ROAD4	5	606927.8	4201188.22	0.07103	74.84	74.84	0	ANNUAL	ROAD5	5	606927.8	4201188.22	0.07055	74.84	74.84	0	ANNUAL	ROAD6	5	607114.38	4201550.44	0.06296	71.8	74.08	0	ANNUAL	ROAD6	5
ROAD3	5	606947.8	4201188.22	0.13336	74.61	74.61	0	ANNUAL	ROAD4	5	606947.8	4201188.22	0.06957	74.61	74.61	0	ANNUAL	ROAD5	5	606947.8	4201188.22	0.06907	74.61	74.61	0	ANNUAL	ROAD6	5	607109.45	4201582.54	0.06295	71.6	75.12	0	ANNUAL	ROAD6	5
ROAD3	5	606967.8	4201188.22	0.14203	74.42	74.42	0	ANNUAL	ROAD4	5	606967.8	4201188.22	0.06814	74.42	74.42	0	ANNUAL	ROAD5	5	606967.8	4201188.22	0.06763	74.42	74.42	0	ANNUAL	ROAD6	5	606602.79	4201495.6	0.14562	77.41	96.04	0	ANNUAL	ROAD6	5
ROAD3	5	606987.8	4201188.22	0.15174	74.22	74.22	0	ANNUAL	ROAD4	5	606987.8	4201188.22	0.06674	74.22	74.22	0	ANNUAL	ROAD5	5	606987.8	4201188.22	0.06622	74.22	74.22	0	ANNUAL	ROAD6	5	606636.61	4201495.6	0.13633	75.77	96.04	0	ANNUAL	ROAD6	5
ROAD3	5	607007.8	4201188.22	0.16262	74.03	74.03	0	ANNUAL	ROAD4	5	607007.8	4201188.22	0.06537	74.03	74.03	0	ANNUAL	ROAD5	5	607007.8	4201188.22	0.06485	74.03	74.03	0	ANNUAL	ROAD6	5	606690.08	4201496.69	0.1234	73.92	94.49	0	ANNUAL	ROAD6	5
ROAD3	5	607027.8	4201188.22	0.17514	73.78	73.78	0	ANNUAL	ROAD4	5	607027.8	4201188.22	0.06402	73.78	73.78	0	ANNUAL	ROAD5	5	607027.8	4201188.22	0.0635	73.78	73.78	0	ANNUAL	ROAD6	5	606730.46	4201491.23	0.11441	71.66	92.48	0	ANNUAL	ROAD6	5
ROAD3	5	607047.8	4201188.22	0.18956	73.52	73.52	0	ANNUAL	ROAD4	5	607047.8	4201188.22	0.06271	73.52	73.52	0	ANNUAL	ROAD5	5	607047.8	4201188.22	0.06218	73.52	73.52	0	ANNUAL	ROAD6	5	606774.54	4201498.02	0.10595	69.15	75.44	0	ANNUAL	ROAD6	5
ROAD3	5	607067.8	4201188.22	0.20623	73.32	73.32	0	ANNUAL	ROAD4	5	607067.8	4201188.22	0.06143	73.32	73.32	0	ANNUAL	ROAD5	5	607067.8	4201188.22	0.0609	73.32	73.32	0	ANNUAL	ROAD6	5	606805.3	4201504.85	0.10061	68.02	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607087.8	4201188.22	0.22588	73.12	73.12	0	ANNUAL	ROAD4	5	607087.8	4201188.22	0.06017	73.12	73.12	0	ANNUAL	ROAD5	5	607087.8	4201188.22	0.05965	73.12	73.12	0	ANNUAL	ROAD6	5	606823.52	4201500.3	0.0975	67.51	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607107.8	4201188.22	0.2494	72.91	72.91	0	ANNUAL	ROAD4	5	607107.8	4201188.22	0.05895	72.91	72.91	0	ANNUAL	ROAD5	5	607107.8	4201188.22	0.05843	72.91	72.91	0	ANNUAL	ROAD6	5	606848.02	4201501.43	0.09369	67.45	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607127.8	4201188.22	0.27782	72.74	72.74	0	ANNUAL	ROAD4	5	607127.8	4201188.22	0.05776	72.74	72.74	0	ANNUAL	ROAD5	5	607127.8	4201188.22	0.05724	72.74	72.74	0	ANNUAL	ROAD6	5	606867.39	4201504.28	0.09086	67.57	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607147.8	4201188.22	0.31323	72.48	72.48	0	ANNUAL	ROAD4	5	607147.8	4201188.22	0.05659	72.48	72.48	0	ANNUAL	ROAD5	5	607147.8	4201188.22	0.05607	72.48	72.48	0	ANNUAL	ROAD6	5	606884.47	4201502.57	0.08841	67.45	95.65	0	ANNUAL	ROAD6	5

ROAD3	5	607167.8	4201188.22	0.35792	72.24	72.24	0	ANNUAL	ROAD4	5	607167.8	4201188.22	0.05545	72.24	72.24	0	ANNUAL	ROAD5	5	607167.8	4201188.22	0.05493	72.24	72.24	0	ANNUAL	ROAD6	5	606912.96	4201504.85	0.08457	67.56	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607187.8	4201188.22	0.41597	72.04	72.04	0	ANNUAL	ROAD4	5	607187.8	4201188.22	0.05434	72.04	72.04	0	ANNUAL	ROAD5	5	607187.8	4201188.22	0.05382	72.04	72.04	0	ANNUAL	ROAD6	5	606905.55	4201522.51	0.08579	69.97	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607207.8	4201188.22	0.49445	71.85	71.85	0	ANNUAL	ROAD4	5	607207.8	4201188.22	0.05326	71.85	71.85	0	ANNUAL	ROAD5	5	607207.8	4201188.22	0.05274	71.85	71.85	0	ANNUAL	ROAD6	5	606902.13	4201544.16	0.08643	72.94	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607227.8	4201188.22	0.6061	71.65	71.65	0	ANNUAL	ROAD4	5	607227.8	4201188.22	0.0522	71.65	71.65	0	ANNUAL	ROAD5	5	607227.8	4201188.22	0.05169	71.65	71.65	0	ANNUAL	ROAD6	5	606879.35	4201540.17	0.08954	71.33	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607247.8	4201188.22	0.77428	71.49	71.49	0	ANNUAL	ROAD4	5	607247.8	4201188.22	0.05117	71.49	71.49	0	ANNUAL	ROAD5	5	607247.8	4201188.22	0.05067	71.49	71.49	0	ANNUAL	ROAD6	5	606859.41	4201535.04	0.09241	70.2	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607267.8	4201188.22	1.05147	71.34	71.34	0	ANNUAL	ROAD4	5	607267.8	4201188.22	0.05017	71.34	71.34	0	ANNUAL	ROAD5	5	607267.8	4201188.22	0.04967	71.34	71.34	0	ANNUAL	ROAD6	5	606840.61	4201535.61	0.0953	70.02	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607287.8	4201188.22	1.57568	71.14	71.14	0	ANNUAL	ROAD4	5	607287.8	4201188.22	0.04918	71.14	71.14	0	ANNUAL	ROAD5	5	607287.8	4201188.22	0.04869	71.14	71.14	0	ANNUAL	ROAD6	5	606818.4	4201543.59	0.09897	70.53	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607307.8	4201188.22	2.74205	70.91	70.91	0	ANNUAL	ROAD4	5	607307.8	4201188.22	0.04823	70.91	70.91	0	ANNUAL	ROAD5	5	607307.8	4201188.22	0.04774	70.91	70.91	0	ANNUAL	ROAD6	5	606774.54	4201515.11	0.10662	72.09	74.53	0	ANNUAL	ROAD6	5
ROAD3	5	606527.8	4201208.22	0.05606	78.74	78.74	0	ANNUAL	ROAD4	5	606527.8	4201208.22	0.11155	78.74	78.74	0	ANNUAL	ROAD5	5	606527.8	4201208.22	0.11171	78.74	78.74	0	ANNUAL	ROAD6	5	606776.24	4201532.76	0.10671	73.86	73.86	0	ANNUAL	ROAD6	5
ROAD3	5	606547.8	4201208.22	0.05772	78.6	78.6	0	ANNUAL	ROAD4	5	606547.8	4201208.22	0.10927	78.6	78.6	0	ANNUAL	ROAD5	5	606547.8	4201208.22	0.10935	78.6	78.6	0	ANNUAL	ROAD6	5	606689.81	4201512.79	0.12419	74.81	94.91	0	ANNUAL	ROAD6	5
ROAD3	5	606567.8	4201208.22	0.05947	78.52	78.52	0	ANNUAL	ROAD4	5	606567.8	4201208.22	0.10703	78.52	78.52	0	ANNUAL	ROAD5	5	606567.8	4201208.22	0.10703	78.52	78.52	0	ANNUAL	ROAD6	5	606723.22	4201511.82	0.1168	74	74	0	ANNUAL	ROAD6	5
ROAD3	5	606587.8	4201208.22	0.06133	78.41	78.41	0	ANNUAL	ROAD4	5	606587.8	4201208.22	0.10482	78.41	78.41	0	ANNUAL	ROAD5	5	606587.8	4201208.22	0.10476	78.41	78.41	0	ANNUAL	ROAD6	5	606690.29	4201532.16	0.12476	75.88	95.3	0	ANNUAL	ROAD6	5
ROAD3	5	606607.8	4201208.22	0.06332	78.3	78.3	0	ANNUAL	ROAD4	5	606607.8	4201208.22	0.10265	78.3	78.3	0	ANNUAL	ROAD5	5	606607.8	4201208.22	0.10252	78.3	78.3	0	ANNUAL	ROAD6	5	606724.19	4201533.13	0.11719	75.14	75.14	0	ANNUAL	ROAD6	5
ROAD3	5	606627.8	4201208.22	0.06547	78.14	78.14	0	ANNUAL	ROAD4	5	606627.8	4201208.22	0.10051	78.14	78.14	0	ANNUAL	ROAD5	5	606627.8	4201208.22	0.10031	78.14	78.14	0	ANNUAL	ROAD6	5	606718.86	4201551.04	0.11867	76.07	92.89	0	ANNUAL	ROAD6	5
ROAD3	5	606647.8	4201208.22	0.06779	77.94	77.94	0	ANNUAL	ROAD4	5	606647.8	4201208.22	0.09838	77.94	77.94	0	ANNUAL	ROAD5	5	606647.8	4201208.22	0.09815	77.94	77.94	0	ANNUAL	ROAD6	5	606692.23	4201548.14	0.1247	76.59	95.85	0	ANNUAL	ROAD6	5
ROAD3	5	606667.8	4201208.22	0.07034	77.61	77.61	0	ANNUAL	ROAD4	5	606667.8	4201208.22	0.09631	77.61	77.61	0	ANNUAL	ROAD5	5	606667.8	4201208.22	0.09602	77.61	77.61	0	ANNUAL	ROAD6	5	606692.23	4201569.44	0.12508	77.54	95.85	0	ANNUAL	ROAD6	5
ROAD3	5	606687.8	4201208.22	0.07303	77.37	77.37	0	ANNUAL	ROAD4	5	606687.8	4201208.22	0.09425	77.37	77.37	0	ANNUAL	ROAD5	5	606687.8	4201208.22	0.09393	77.37	77.37	0	ANNUAL	ROAD6	5	606689.81	4201589.3	0.12592	78.37	95.97	0	ANNUAL	ROAD6	5
ROAD3	5	606707.8	4201208.22	0.07589	77.16	77.16	0	ANNUAL	ROAD4	5	606707.8	4201208.22	0.09225	77.16	77.16	0	ANNUAL	ROAD5	5	606707.8	4201208.22	0.09189	77.16	77.16	0	ANNUAL	ROAD6	5	606684.48	4201614.96	0.12722	79.73	95.97	0	ANNUAL	ROAD6	5
ROAD3	5	606727.8	4201208.22	0.079	76.85	76.85	0	ANNUAL	ROAD4	5	606727.8	4201208.22	0.09027	76.85	76.85	0	ANNUAL	ROAD5	5	606727.8	4201208.22	0.08987	76.85	76.85	0	ANNUAL	ROAD6	5	606709.18	4201615.93	0.12111	78.87	94.74	0	ANNUAL	ROAD6	5
ROAD3	5	606747.8	4201208.22	0.08227	76.64	76.64	0	ANNUAL	ROAD4	5	606747.8	4201208.22	0.08833	76.64	76.64	0	ANNUAL	ROAD5	5	606747.8	4201208.22	0.0879	76.64	76.64	0	ANNUAL	ROAD6	5	606720.31	4201572.83	0.11846	76.31	94.12	0	ANNUAL	ROAD6	5
ROAD3	5	606767.8	4201208.22	0.08577	76.4	76.4	0	ANNUAL	ROAD4	5	606767.8	4201208.22	0.08642	76.4	76.4	0	ANNUAL	ROAD5	5	606767.8	4201208.22	0.08597	76.4	76.4	0	ANNUAL	ROAD6	5	606733.87	4201616.9	0.11531	77.89	95.53	0	ANNUAL	ROAD6	5
ROAD3	5	606787.8	4201208.22	0.0895	76.21	76.21	0	ANNUAL	ROAD4	5	606787.8	4201208.22	0.08456	76.21	76.21	0	ANNUAL	ROAD5	5	606787.8	4201208.22	0.08408	76.21	76.21	0	ANNUAL	ROAD6	5	606748.4	4201588.33	0.11218	74.47	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	606807.8	4201208.22	0.09357	75.94	75.94	0	ANNUAL	ROAD4	5	606807.8	4201208.22	0.08273	75.94	75.94	0	ANNUAL	ROAD5	5	606807.8	4201208.22	0.08223	75.94	75.94	0	ANNUAL	ROAD6	5	606760.02	4201616.9	0.10953	76.32	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	606827.8	4201208.22	0.09793	75.73	75.73	0	ANNUAL	ROAD4	5	606827.8	4201208.22	0.08094	75.73	75.73	0	ANNUAL	ROAD5	5	606827.8	4201208.22	0.08043	75.73	75.73	0	ANNUAL	ROAD6	5	606784.71	4201619.32	0.10467	76.32	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	606847.8	4201208.22	0.10272	75.51	75.51	0	ANNUAL	ROAD4	5	606847.8	4201208.22	0.0792	75.51	75.51	0	ANNUAL	ROAD5	5	606847.8	4201208.22	0.07866	75.51	75.51	0	ANNUAL	ROAD6	5	606806.99	4201621.74	0.10058	76.85	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	606867.8	4201208.22	0.10782	75.39	75.39	0	ANNUAL	ROAD4	5	606867.8	4201208.22	0.07749	75.39	75.39	0	ANNUAL	ROAD5	5	606867.8	4201208.22	0.07694	75.39	75.39	0	ANNUAL	ROAD6	5	606777.77	4201572.87	0.10635	72.81	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	606887.8	4201208.22	0.1135	75.23	75.23	0	ANNUAL	ROAD4	5	606887.8	4201208.22	0.07582	75.23	75.23	0	ANNUAL	ROAD5	5	606887.8	4201208.22	0.07526	75.23	75.23	0	ANNUAL	ROAD6	5	606781.63	4201550.27	0.10571	72.99	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	606907.8	4201208.22	0.11977	74.98	74.98	0	ANNUAL	ROAD4	5	606907.8	4201208.22	0.07419	74.98	74.98	0	ANNUAL	ROAD5	5	606907.8	4201208.22	0.07362	74.98	74.98	0	ANNUAL	ROAD6	5	606808.1	4201568.11	0.10081	72.11	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	606927.8	4201208.22	0.12682	74.73	74.73	0	ANNUAL	ROAD4	5	606927.8	4201208.22	0.07259	74.73	74.73	0	ANNUAL	ROAD5	5	606927.8	4201208.22	0.07201	74.73	74.73	0	ANNUAL	ROAD6	5	606827.42	4201586.84	0.09746	73.78	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	606947.8	4201208.22	0.13469	74.54	74.54	0	ANNUAL	ROAD4	5	606947.8	4201208.22	0.07103	74.54	74.54	0	ANNUAL	ROAD5	5	606947.8	4201208.22	0.07045	74.54	74.54	0	ANNUAL	ROAD6	5	606848.84	4201591.3	0.09397	74.66	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	606967.8	4201208.22	0.14352	74.34	74.34	0	ANNUAL	ROAD4	5	606967.8	4201208.22	0.0695	74.34	74.34	0	ANNUAL	ROAD5	5	606967.8	4201208.22	0.06892	74.34	74.34	0	ANNUAL	ROAD6	5	606867.57	4201584.76	0.09116	74.63	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	606987.8	4201208.22	0.15343	74.13	74.13	0	ANNUAL	ROAD4	5	606987.8	4201208.22	0.06802	74.13	74.13	0	ANNUAL	ROAD5	5	606987.8	4201208.22	0.06743	74.13	74.13	0	ANNUAL	ROAD6	5	606897.31	4201583.27	0.08688	75.42	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607007.8	4201208.22	0.16463	73.93	73.93	0	ANNUAL	ROAD4	5	607007.8	4201208.22	0.06656	73.93	73.93	0	ANNUAL	ROAD5	5	607007.8	4201208.22	0.06598	73.93	73.93	0	ANNUAL	ROAD6	5	606891.36	4201599.33	0.08749	76.07	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607027.8	4201208.22	0.17758	73.61	73.61	0	ANNUAL	ROAD4	5	607027.8	4201208.22	0.06514	73.61	73.61	0	ANNUAL	ROAD5	5	607027.8	4201208.22	0.06455	73.61	73.61	0	ANNUAL	ROAD6	5	606892.25	4201637.1	0.08665	77.57	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607047.8	4201208.22	0.19231	73.41	73.41	0	ANNUAL	ROAD4	5	607047.8	4201208.22	0.06376	73.41	73.41	0	ANNUAL	ROAD5	5	607047.8	4201208.22	0.06317	73.41	73.41	0	ANNUAL	ROAD6	5	606873.22	4201634.72	0.08978	78.77	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607067.8	4201208.22	0.20943	73.18	73.18	0	ANNUAL	ROAD4	5	607067.8	4201208.22	0.06241	73.18	73.18	0	ANNUAL	ROAD5	5	607067.8	4201208.22	0.06182	73.18	73.18	0	ANNUAL	ROAD6	5	606849.73	4201627.88	0.0935	78.24	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607087.8	4201208.22	0.22965	72.94	72.94	0	ANNUAL	ROAD4	5	607087.8	4201208.22	0.06109	72.94	72.94	0	ANNUAL	ROAD5	5	607087.8	4201208.22	0.06051	72.94	72.94	0	ANNUAL	ROAD6	5	606829.21	4201623.71	0.0968	77.47	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607107.8	4201208.22	0.25351	72.82	72.82	0	ANNUAL	ROAD4	5	607107.8	4201208.22	0.05982	72.82	72.82	0	ANNUAL	ROAD5	5	607107.8	4201208.22	0.05923	72.82	72.82	0	ANNUAL	ROAD6	5	607098.04	4201544.48	0.0645	72.42	75	0	ANNUAL	ROAD6	5
ROAD3	5	607127.8	4201208.22	0.28267	72.63	72.63	0	ANNUAL	ROAD4	5	607127.8	4201208.22	0.05857	72.63	72.63	0	ANNUAL	ROAD5	5	607127.8	4201208.22	0.05799	72.63	72.63	0	ANNUAL	ROAD6	5	607088.6	4201577.72	0.06499	73.59	75.12	0	ANNUAL	ROAD6	5
ROAD3	5	607147.8	4201208.22	0.31864	72.44	72.44	0	ANNUAL	ROAD4	5	607147.8	4201208.22	0.05735	72.44	72.44	0	ANNUAL	ROAD5	5	607147.8	4201208.22	0.05678	72.44	72.44	0	ANNUAL	ROAD6	5	607071.8	4201574.57	0.06666	74.81	75.53	0	ANNUAL	ROAD6	5
ROAD3	5	607167.8	4201208.22	0.36419	72.24	72.24	0	ANNUAL	ROAD4	5	607167.8	4201208.22	0.05616	72.24	72.24	0	ANNUAL	ROAD5	5	607167.8	4201208.22	0.05559	72.24	72.24	0	ANNUAL	ROAD6	5	607055.01	4201570.37	0.0684	75.87	76.12	0	ANNUAL	ROAD6	5
ROAD3	5	607187.8	4201208.22	0.42364	72.03	72.03	0	ANNUAL	ROAD4	5	607187.8	4201208.22	0.055	72.03	72.03	0	ANNUAL	ROAD5	5	607187.8	4201208.22	0.05444	72.03	72.03	0	ANNUAL	ROAD6	5	607061.31	4201537.14	0.06806	73.58	76.27	0	ANNUAL	ROAD6	5
ROAD3	5	607207.8	4201208.22	0.50475	71.77	71.77	0	ANNUAL	ROAD4	5	607207.8	4201208.22	0.05387	71.77	71.77	0	ANNUAL	ROAD5	5	607207.8	4201208.22	0.05332	71.77	71.77	0	ANNUAL	ROAD6	5	607078.8	4201540.99	0.06634	73.22	75.96	0	ANNUAL	ROAD6	5
ROAD3	5	607227.8	4201208.22	0.61887	71.6	71.6	0	ANNUAL	ROAD4	5	607227.8	4201208.22	0.05278	71.6	71.6	0	ANNUAL	ROAD5	5	607227.8	4201208.22	0.05223	71.6	71.6	0	ANNUAL	ROAD6	5	607037.52	4201565.47	0.07024	76.23	76.23	0	ANNUAL	ROAD6	5
ROAD3	5	607247.8	4201208.22	0.79163	71.42	71.42	0	ANNUAL	ROAD4	5	607247.8	4201208.22	0.05171	71.42	71.42	0	ANNUAL	ROAD5	5	607247.8	4201208.22	0.05116	71.42	71.42	0	ANNUAL	ROAD6	5	607042.07	4201533.29	0.07001	73.75	75.7	0	ANNUAL	ROAD6	5
ROAD3	5	607267.8	4201208.22	1.07121	71.35	71.35	0	ANNUAL	ROAD4	5	607267.8	4201208.22	0.05067	71.35	71.35	0	ANNUAL	ROAD5	5	607267.8	4201208.22	0.05013	71.35	71.35	0	ANNUAL	ROAD6	5	607018.28	4201564.42	0.07226	75.92	75.92	0	ANNUAL	ROAD6	5
ROAD3	5	607287.8	4201208.22	1.60397	71.14	71.14	0	ANNUAL	ROAD4	5	607287.8	4201208.22	0.04965	71.14	71.14	0	ANNUAL	ROAD5	5	607287.8	4201208.22	0.04912	71.14	71.14	0	ANNUAL	ROAD6	5	607024.22	4201530.14	0.07188	73.92	75.93	0	ANNUAL	ROAD6	5
ROAD3	5	607307.8	4201208.22	2.7811	70.94	70.94	0	ANNUAL	ROAD4	5	607307.8	4201208.22	0.04866	70.94	70.94	0	ANNUAL	ROAD5	5	607307.8	4201208.22	0.04814	70.94	70.94	0	ANNUAL	ROAD6	5	607000.43	4201559.18	0.07427	75.78	75.78	0	ANNUAL	ROAD6	5
ROAD3	5	606527.8	4201228.22	0.05618	78.86	78.86	0	ANNUAL	ROAD4	5	606527.8	4201228.22	0.11686	78.86	78.86	0	ANNUAL	ROAD5	5	606527.8	4201228.22	0.11679	78.86	78.86	0	ANNUAL	ROAD6	5	607008.48	4201525.94	0.07357	73.64	75.96	0	ANNUAL	ROAD6	5
ROAD3	5	606547.8	4201228.22	0.05784	78.74	78.74	0	ANNUAL	ROAD4	5	606547.8	4201228.22	0.11426	78.74	78.74	0	ANNUAL	ROAD5	5	606547.8	4201228.22	0.11412	78.74	78.74	0	ANNUAL	ROAD6	5	606981.54	4201556.73	0.07641	75.24	75.24	0	ANNUAL	ROAD6	5
ROAD3	5	606567.8	4201228.22	0.05961	78.59	78.59	0	ANNUAL	ROAD4	5	606567.8	4201228.22	0.11171	78.59	78.59	0	ANNUAL	ROAD5	5	606567.8	4201228.22	0.1115	78.59	78.59	0	ANNUAL	ROAD6	5	606989.24	4201523.49	0.07568	73.26	74.88	0	ANNUAL	ROAD6	5
ROAD3	5	606587.8	4201228.22	0.06144	78.55	78.55	0	ANNUAL	ROAD4	5	606587.8	4201228.22	0.10922	78.55	78.55	0	ANNUAL	ROAD5	5	606587.8	4201228.22	0.10895	78.55	78.55	0	ANNUAL	ROAD6	5	606965.8	4201551.48	0.07831	75.03	75.03	0	ANNUAL	ROAD6	5
ROAD3	5	606607.8	4201228.22	0.06346	78.37	78.37	0	ANNUAL	ROAD4	5	606607.8	4201228.22	0.10677	78.37	78.37	0	ANNUAL	ROAD5	5	606607.8	4201228.22	0.10645	78.37	78.37	0	ANNUAL	ROAD6	5	606970	4201519.99	0.07786	72.37	74.88	0	ANNUAL	ROAD6	5
ROAD3	5	606627.8	4201228.22	0.06562	78.2	78.2	0	ANNUAL	ROAD4	5	606627.8	4201228.22	0.10438	78.2	78.2	0	ANNUAL	ROAD5	5	606627.8	4201228.22	0.10401	78.2	78.2	0	ANNUAL	ROAD6	5	606947.26	4201548.33	0.0806	74.78	74.78	0	ANNUAL	ROAD6	5
ROAD3	5	606647.8	4201228.22	0.06798	77.92	77.92	0	ANNUAL	ROAD4	5	606647.8	4201228.22	0.10203	77.92	77.92	0	ANNUAL	ROAD5	5	606647.8	4201228.22	0.10162	77.92	77.92	0	ANNUAL	ROAD6	5	606951.81	4201517.55	0.07993	70.82	75.3	0	ANNUAL	ROAD6	5
ROAD3	5	606667.8	4201228.22	0.07052	77.63	77.63	0	ANNUAL	ROAD4	5	606667.8	4201228.22	0.09973	77.63	77.63	0	ANNUAL	ROAD5	5	606667.8	4201228.22	0.09927	77.63	77.63	0	ANNUAL	ROAD6	5	606640.21	4201512.75	0.13645	76.77	96.04	0	ANNUAL	ROAD6	5
ROAD3	5	606687.8	4201228.22	0.0732	77.44	77.44	0	ANNUAL	ROAD4	5	606687.8	4201228.22	0.09747	77.44	77.44	0	ANNUAL	ROAD5	5	606687.8	4201228.22	0.09699	77.44	77.44	0	ANNUAL	ROAD6	5	606603.82	4201511.7	0.14671	78.8	96.04	0	ANNUAL	ROAD6	5
ROAD3	5	606707.8	4201228.22	0.07607	77.24	77.24	0	ANNUAL	ROAD4	5	606707.8	4201228.22	0.09528	77.24	77.24	0	ANNUAL	ROAD5	5	606707.8	4201228.22	0.09476	77.24	77.24	0	ANNUAL	ROAD6	5	606608.37	4201529.55	0.14657	79.71	96.04	0	ANNUAL	ROAD6	5
ROAD3	5	606727.8	4201228.22	0.07918	76.99	76.99	0	ANNUAL	ROAD4	5	606727.8	4201228.22	0.09311	76.99	76.99	0	ANNUAL	ROAD5	5	606727.8	4201228.22	0.09256	76.99	76.99	0	ANNUAL	ROAD6	5	606609.77	4201546.69	0.14711	80.88	96.04	0	ANNUAL	ROAD6	5
ROAD3	5	606747.8	4201228.22	0.08252	76.71	76.71	0	ANNUAL	ROAD4	5	606747.8	4201228.22	0.09099	76.71	76.71	0	ANNUAL	ROAD5	5	606747.8	4201228.22	0.09042	76.71	76.71	0	ANNUAL	ROAD6	5	606638.46	4201547.04	0.1387	78.82	96.04	0	ANNUAL	ROAD6	5
ROAD3	5	606767.8	4201228.22	0.08608	76.44	76.44	0	ANNUAL	ROAD4	5	606767.8	4201228.22	0.08892	76.44	76.44	0	ANNUAL	ROAD5	5	606767.8	4201228.22	0.08833	76.44	76.44	0	ANNUAL	ROAD6	5	606638.81	4201564.89	0.13916	79.49	96.04	0	ANNUAL	ROAD6	5
ROAD3	5	606787.8	4201228.22	0.08989	76.18	76.18	0	ANNUAL	ROAD4	5	606787.8	4201228.22	0.08689	76.18	76.18	0	ANNUAL	ROAD5	5	606787.8	4201228.22	0.08629	76.18	76.18	0	ANNUAL	ROAD6	5	606640.21	4201583.08	0.13917	80.39	96.04	0	ANNUAL	ROAD6	5
ROAD3	5	606807.8	4201228.22	0.09402	75.88	75.88	0	ANNUAL	ROAD4	5	606807.8	4201228.22	0.08492	75.88	75.88	0	ANNUAL	ROAD5	5	606807.8	4201228.22	0.0843	75.88	75.88	0	ANNUAL	ROAD6	5	606640.56	4201604.42	0.13955	83.33	95.97	0	ANNUAL	ROAD6	5
ROAD3	5	606827.8	4201228.22	0.09844	75.64	75.64	0	ANNUAL	ROAD4	5	606827.8	4201228.22	0.08299	75.64	75.64	0	ANNUAL	ROAD5	5	606827.8	4201228.22	0.08236	75.64	75.64	0	ANNUAL	ROAD6	5	606637.41	4201622.62	0.14057	86.15	93.96	0	ANNUAL	ROAD6	5
ROAD3	5	606847.8	4201228.22	0.10335	75.44	75.44	0	ANNUAL	ROAD4	5	606847.8	4201228.22	0.08111	75.44	75.44	0	ANNUAL	ROAD5	5	606847.8	4201228.22	0.08047	75.44	75.44	0	ANNUAL	ROAD6	5	606614.31	4201618.42	0.14768	87.99	93.76	0	ANNUAL	ROAD6	5
ROAD3	5	606867.8	4201228.22	0.10852	75.22	75.22	0	ANNUAL	ROAD4	5	606867.8	4201228.22	0.07928	75.22	75.22	0	ANNUAL	ROAD5	5	606867.8	4201228.22	0.07863	75.22	75.22	0	ANNUAL	ROAD6	5	606596.82	4201614.57	0.15331	89.28	93.76	0	ANNUAL	ROAD6	5
ROAD3	5	606887.8	4201228.22	0.11426	74.91	74.91	0	ANNUAL	ROAD4	5	606887.8	4201228.22	0.07749	74.91	74.91	0	ANNUAL	ROAD5	5	606887.8	4201228.22	0.07683	74.91	74.91	0	ANNUAL	ROAD6	5	606575.48	4201609.67	0.16047	90.82	92.75	0	ANNUAL	ROAD6	5
ROAD3	5	606907.8	4201228.22	0.12054	74.9	74.9	0	ANNUAL	ROAD4	5	606907.8	4201228.22	0.07576	74.9	74.9	0	ANNUAL	ROAD5	5	606907.8	4201228.22	0.0751	74.9	74.9	0	ANNUAL	ROAD6	5	606590.52	4201574.68	0.1546	85.82	95.76	0	ANNUAL	ROAD6	5
ROAD3	5	606927.8	4201228.22	0.1277	74.73	74.73	0	ANNUAL	ROAD4	5	606927.8	4201228.22	0.07407	74.73	74.73	0	ANNUAL	ROAD5	5	606927.8	4201228.22	0.0734	74.73	74.73	0	ANNUAL	ROAD6	5	606564.63	4201574.33	0.16339	88.18	94.2	0	ANNUAL	ROAD6	5
ROAD3	5	606947.8	4201228.22	0.13572	74.49	74.49	0	ANNUAL	ROAD4	5	606947.8	4201228.22	0.07241	74.49	74.49	0	ANNUAL	ROAD5	5	606947.8	4201228.22	0.07174	74.49	74.49	0	ANNUAL	ROAD6	5	606551.69	4201619.47	0.16892	93.12	93.12	0	ANNUAL	ROAD6	5
ROAD3	5	606967.8	4201228.22	0.14475	74.23	74.23	0	ANNUAL	ROAD4	5	606967.8	4201228.22	0.07079	74.23	74.23	0	ANNUAL	ROAD5	5	606967.8	4201228.22	0.07013	74.23	74.23	0	ANNUAL	ROAD6	5	606547.14	4201545.99	0.16796	86.84	93.64	0	ANNUAL	ROAD6	5
ROAD3	5	606987.8	4201228.22	0.15479	74.04	74.04	0	ANNUAL	ROAD4	5	606987.8	4201228.22	0.06922	74.04	74.04	0	ANNUAL	ROAD5	5	606987.8	4201228.22	0.06856	74.04	74.04	0	ANNUAL	ROAD6	5	606549.94	4201527.45	0.16546	84.82	94.17	0	ANNUAL	ROAD6	5
ROAD3	5	607007.8	4201228.22	0.16635	73.77	73.77	0	ANNUAL	ROAD4	5	607007.8	4201228.22	0.06769	73.77	73.77	0	ANNUAL	ROAD5	5	607007.8	4201228.22	0.06703	73.77	73.77	0	ANNUAL	ROAD6	5	606554.49	4201509.26	0.16215	82.58	94.67	0	ANNUAL	ROAD6	5
ROAD3	5	607027.8	4201228.22	0.17968	73.41	73.41	0	ANNUAL	ROAD4	5	607027.8	4201228.22	0.06619	73.41	73.41	0	ANNUAL	ROAD5	5	607027.8	4201228.22	0.06553	73.41	73.41	0	ANNUAL	ROAD6	5	606553.44	4201490.71	0.16047	80.73	94.79	0	ANNUAL	ROAD6	5
ROAD3	5	607047.8	4201228.22	0.1947	73.23	73.23	0	ANNUAL	ROAD4	5	607047.8	4201228.22	0.06474	73.23	73.23	0	ANNUAL	ROAD5	5	607047.8	4201228.22	0.06408	73.23	73.23	0	ANNUAL	ROAD6	5	606507.25	4201499.81	0.17796	86.07	86.07	0	ANNUAL	ROAD6	5
ROAD3	5	607067.8	4201228.22	0.21217	73.03	73.03	0	ANNUAL	ROAD4	5	607067.8	4201228.22	0.06333	73.03	73.03	0	ANNUAL	ROAD5	5	607067.8	4201228.22	0.06268	73.03	73.03	0	ANNUAL	ROAD6	5	606512.15	4201523.95	0.179	87.46	87.46	0	ANNUAL	ROAD6	5
ROAD3	5	607087.8	4201228.22	0.23275	72.84	72.84	0	ANNUAL	ROAD4	5	607087.8	4201228.22	0.06195	72.84	72.84	0	ANNUAL	ROAD5	5	607087.8	4201228.22	0.06131	72.84	72.84	0	ANNUAL	ROAD6	5	606516.35	4201548.09	0.17964	89.18	92.68	0	ANNUAL	ROAD6	5
ROAD3	5	607107.8	4201228.22	0.25707	72.73	72.73	0	ANNUAL	ROAD4	5	607107.8	4201228.22	0.06062	72.73	72.73	0	ANNUAL	ROAD5	5	607107.8	4201228.22	0.05998	72.73	72.73	0	ANNUAL	ROAD6	5	606513.2	4201565.24	0.1822	91.08	91.94	0	ANNUAL	ROAD6	5
ROAD3	5	607127.8	4201228.22	0.28696	72.51	72.51	0	ANNUAL	ROAD4	5	607127.8	4201228.22	0.05931	72.51	72.51	0	ANNUAL	ROAD5	5	607127.8	4201228.22	0.05868	72.51	72.51	0	ANNUAL	ROAD6	5	606512.15	4201589.73	0.18384	92.98	92.98	0	ANNUAL	ROAD6	5
ROAD3	5	607147.8	4201228.22	0.32332	72.42	72.42	0	ANNUAL	ROAD4	5	607147.8	4201228.22	0.05805	72.42	72.42	0	ANNUAL	ROAD5	5	607147.8	4201228.22	0.05743	72.42	72.42	0	ANNUAL	ROAD6	5	606510.05	4201608.27	0.18521	93.99	93.99	0	ANNUAL	ROAD6	5
ROAD3	5	607167.8	4201228.22	0.37025	72.15	72.15	0	ANNUAL	ROAD4	5	607167.8	4201228.22	0.05681	72.15	72.15	0	ANNUAL	ROAD5	5	607167.8	4201228.22	0.05619	72.15	72.15	0	ANNUAL	ROAD6	5	606509	4201630.66	0.18568	95.25	95.25	0	ANNUAL	ROAD6	5
ROAD3	5	607187.8	4201228.22	0.43099	71.95	71.95	0	ANNUAL	ROAD4	5	607187.8	4201228.22	0.05561	71.95	71.95	0	ANNUAL	ROAD5	5	607187.8	4201228.22	0.055	71.95	71.95	0	ANNUAL	ROAD6	5	606547.49	4201643.96	0.17	94.5	94.5	0	ANNUAL	ROAD6	5
ROAD3	5	607207.8	4201228.22	0.51384	71.7	71.7	0	ANNUAL	ROAD4	5	607207.8	4201228.22	0.05444	71.7	71.7	0	ANNUAL	ROAD5	5	607207.8	4201228.22	0.05384	71.7	71.7	0	ANNUAL	ROAD6	5	606512.5	4201654.8	0.1837	95.36	95.7	0	ANNUAL	ROAD6	5
ROAD3	5	607227.8	4201228.22	0.63015	71.54	71.54	0	ANNUAL	ROAD4	5	607227.8	4201228.22	0.0533	71.54	71.54	0	ANNUAL	ROAD5	5	607227.8	4201228.22	0.05271	71.54	71.54	0	ANNUAL	ROAD6	5	606552.74	4201663.55	0.16723	94.97	94.97	0	ANNUAL	ROAD6	5
ROAD3	5	607247.8	4201228.22	0.80673	71.34	71.34	0	ANNUAL	ROAD4	5	607247.8	4201228.22	0.05219	71.34	71.34	0	ANNUAL	ROAD5	5	607247.8	4201228.22	0.05161	71.34	71.34	0	ANNUAL	ROAD6	5	606549.59	4201682.79	0.1672	95.65	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607267.8	4201228.22	1.0936	71.23	71.23	0	ANNUAL	ROAD4	5	607267.8	4201228.22	0.05112	71.23	71.23	0	ANNUAL	ROAD5	5	607267.8	4201228.22	0.05055	71.23	71.23	0	ANNUAL	ROAD6	5	606511.8	4201676.15	0.18344	92.88	96.04	0	ANNUAL	ROAD6	5
ROAD3	5	607287.8	4201228.22	1.62564	71.12	71.12	0	ANNUAL	ROAD4	5	607287.8	4201228.22	0.05008	71.12	71.12	0	ANNUAL	ROAD5	5	607287.8	4201228.22	0.04951	71.12	71.12	0	ANNUAL	ROAD6	5	606508.65	4201695.39	0.18376	88.98	96.04	0	ANNUAL	ROAD6	5
ROAD3	5	607307.8	4201228.22	2.80646	70.94	70.94	0	ANNUAL	ROAD4	5	607307.8	4201228.22	0.04906	70.94	70.94	0	ANNUAL	ROAD5	5	607307.8	4201228.22	0.0485	70.94	70.94	0	ANNUAL	ROAD6	5	606510.05	4201720.93	0.18071	84.54	96.04	0	ANNUAL	ROAD6	5
ROAD3	5	606527.8	4201248.22	0.05626	79.03	79.03	0	ANNUAL	ROAD4	5	606527.8	4201248.22	0.12208	79.03	79.03	0	ANNUAL	ROAD5	5	606527.8	4201248.22	0.1218	79.03	79.03	0	ANNUAL	ROAD6	5	606550.64	4201723.38	0.1643	90.67	95.82	0	ANNUAL	ROAD6	5
ROAD3	5	606547.8	4201248.22	0.05794	78.85	78.85	0	ANNUAL	ROAD4	5	606547.8	4201248.22	0.11918	78.85	78.85	0	ANNUAL	ROAD5	5	606547.8	4201248.22	0.11881	78.85	78.85	0	ANNUAL	ROAD6	5	606550.64	4201703.09	0.16562	94.25	95.26	0	ANNUAL	ROAD6	5
ROAD3	5	606567.8	4201248.22	0.05972	78.65	78.65	0	ANNUAL	ROAD4	5	606567.8	4201248.22	0.11632	78.65	78.65	0	ANNUAL	ROAD5	5	606567.8	4201248.22	0.11589	78.65	78.65	0	ANNUAL	ROAD6	5	606602.68	4201659.79	0.15028	91.88	91.88	0	ANNUAL	ROAD6	5
ROAD3	5	606587.8	4201248.22	0.06159	78.53	78.53	0	ANNUAL	ROAD4	5	606587.8	4201248.22	0.11353	78.53	78.53	0	ANNUAL	ROAD5	5	606587.8	4201248.22	0.11305	78.53	78.53	0	ANNUAL	ROAD6	5	606637.54	4201662.7	0.13944	88.63	91.95	0	ANNUAL	ROAD6	5
ROAD3	5	606607.8	4201248.22	0.06358	78.41	78.41	0	ANNUAL	ROAD4	5	606607.8	4201248.22	0.11082	78.41	78.41	0	ANNUAL	ROAD5	5	606607.8	4201248.22	0.1103	78.41	78.41	0	ANNUAL	ROAD6	5	606636.58	4201680.62	0.13884	89.27	89.27	0	ANNUAL	ROAD6	5
ROAD3	5	606627.8	4201248.22	0.06579	78.13	78.13	0	ANNUAL	ROAD4	5	606627.8	4201248.22	0.10818	78.13	78.13	0	ANNUAL	ROAD5	5	606627.8	4201248.22	0.10761	78.13	78.13	0	ANNUAL	ROAD6	5	606600.26	4201679.16	0.15004	92.41	92.41	0	ANNUAL	ROAD6	5
ROAD3	5	606647.8	4201248.22	0.06814	77.87	77.87	0	ANNUAL	ROAD4	5	606647.8	4201248.22	0.10558	77.87	77.87	0	ANNUAL	ROAD5	5	606647.8	4201248.22	0.10498	77.87	77.87	0	ANNUAL	ROAD6	5	607355.48	4201589.24	0.04572	66	67.55	0	ANNUAL	ROAD6	5
ROAD3	5	606667.8	4201248.22	0.07062	77.71	77.71	0	ANNUAL	ROAD4	5	606667.8	4201248.22	0.10307	77.71	77.71	0	ANNUAL	ROAD5	5	606667.8	4201248.22	0.10243	77.71	77.71	0	ANNUAL	ROAD6	5	607355.97	4201619.75	0.04539	68.07	68.07	0	ANNUAL	ROAD6	5
ROAD3	5	606687.8	4201248.22	0.07329	77.54	77.54	0	ANNUAL	ROAD4	5	606687.8	4201248.22	0.1006	77.54	77.54	0	ANNUAL	ROAD5	5	606687.8	4201248.22	0.09995	77.54	77.54	0	ANNUAL	ROAD6	5	607352.58	4201646.39	0.04522	68.67	68.67	0	ANNUAL	ROAD6	5
ROAD3	5	606707.8	4201248.22	0.07624	77.21	77.21	0	ANNUAL	ROAD4	5	606707.8	4201248.22	0.09819	77.21	77.21	0	ANNUAL	ROAD5	5	606707.8	4201248.22	0.09752	77.21	77.21	0	ANNUAL	ROAD6	5	607350.64	4201670.12	0.04496	68.08	68.08	0	ANNUAL	ROAD6	5
ROAD3	5	606727.8	4201248.22	0.07934	77	77	0	ANNUAL	ROAD4	5	606727.8	4201248.22	0.09584	77	77	0	ANNUAL	ROAD5	5	606727.8	4201248.22	0.09515	77	77	0	ANNUAL	ROAD6	5	607346.28	4201693.85	0.04478	66.82	66.82	0	ANNUAL	ROAD6	5
ROAD3	5	606747.8	4201248.22	0.0827	76.73	76.73	0	ANNUAL	ROAD4	5	606747.8	4201248.22	0.09355	76.73	76.73	0	ANNUAL	ROAD5	5	606747.8	4201248.22	0.09284	76.73	76.73	0	ANNUAL	ROAD6	5	607340.96	4201720	0.04457	65.22	65.22	0	ANNUAL	ROAD6	5
ROAD3	5	606767.8	4201248.22	0.08633	76.4	76.4	0	ANNUAL	ROAD4	5	606767.8	4201248.22	0.09131	76.4	76.4	0	ANNUAL	ROAD5	5	606767.8	4201248.22	0.09058	76.4	76.4	0	ANNUAL	ROAD6	5	607339.02	4201743.25	0.04422	63.67	63.67	0	ANNUAL	ROAD6	5
ROAD3	5	606787.8	4201248.22	0.09013	76.21	76.21	0	ANNUAL	ROAD4	5	606787.8	4201248.22	0.08914	76.21	76.21	0	ANNUAL	ROAD5	5	606787.8	4201248.22	0.0884	76.21	76.21	0	ANNUAL	ROAD6	5	607332.24	4201768.91	0.04406	62.14	62.14	0	ANNUAL	ROAD6	5
ROAD3	5	606807.8	4201248.22	0.09434	75.85	75.85	0	ANNUAL	ROAD4	5	606807.8	4201248.22	0.08701	75.85	75.85	0	ANNUAL	ROAD5	5	606807.8	4201248.22	0.08627	75.85	75.85	0	ANNUAL	ROAD6	5	607305.12	4201782.47	0.04525	63	87.94	0	ANNUAL	ROAD6	5
ROAD3	5	606827.8	4201248.22	0.09896	75.6	75.6	0	ANNUAL	ROAD4	5	606827.8	4201248.22	0.08495	75.6	75.6	0	ANNUAL	ROAD5	5	606827.8	4201248.22	0.0842	75.6	75.6	0	ANNUAL	ROAD6	5	607282.36	4201779.57	0.04662	64.88	88.13	0	ANNUAL	ROAD6	5
ROAD3	5	606847.8	4201248.22	0.10384	75.37	75.37	0	ANNUAL	ROAD4	5	606847.8	4201248.22	0.08294	75.37	75.37	0	ANNUAL	ROAD5	5	606847.8	4201248.22	0.08219	75.37	75.37	0	ANNUAL	ROAD6	5	607260.56	4201780.54	0.04786	65.47	89.14	0	ANNUAL	ROAD6	5
ROAD3	5	606867.8	4201248.22	0.109	75.2	75.2	0	ANNUAL	ROAD4	5	606867.8	4201248.22	0.08099	75.2	75.2	0	ANNUAL	ROAD5	5	606867.8	4201248.22	0.08024	75.2	75.2	0	ANNUAL	ROAD6	5	607256.2	4201735.98	0.04915	68.57	68.57	0	ANNUAL	ROAD6	5
ROAD3	5	606887.8	4201248.22	0.11477	74.94	74.94	0	ANNUAL	ROAD4	5	606887.8	4201248.22	0.07909	74.94	74.94	0	ANNUAL	ROAD5	5	606887.8	4201248.22	0.07833	74.94	74.94	0	ANNUAL	ROAD6	5	607287.2	4201728.23	0.04745	67.81	67.81	0	ANNUAL	ROAD6	5
ROAD3	5	606907.8	4201248.22	0.12125	74.74	74.74	0	ANNUAL	ROAD4	5	606907.8	4201248.22	0.07725	74.74	74.74	0	ANNUAL	ROAD5	5	606907.8	4201248.22	0.07649	74.74	74.74	0	ANNUAL	ROAD6	5	607262.5	4201714.67	0.04921	69.27	69.27	0	ANNUAL	ROAD6	5
ROAD3	5	606927.8	4201248.22	0.12848	74.52	74.52	0	ANNUAL	ROAD4	5	606927.8	4201248.22	0.07545	74.52	74.52	0	ANNUAL	ROAD5	5	606927.8	4201248.22	0.07469	74.52	74.52	0	ANNUAL	ROAD6	5	607294.46	4201707.41	0.04743	68.23	68.23	0	ANNUAL	ROAD6	5
ROAD3	5	606947.8	4201248.22	0.13647	74.41	74.41	0	ANNUAL	ROAD4	5	606947.8	4201248.22	0.07371	74.41	74.41	0	ANNUAL	ROAD5	5	606947.8	4201248.22	0.07296	74.41	74.41	0	ANNUAL	ROAD6	5	607265.41	4201691.43	0.04949	69.74	69.74	0	ANNUAL	ROAD6	5
ROAD3	5	606967.8	4201248.22	0.14556	74.23	74.23	0	ANNUAL	ROAD4	5	606967.8	4201248.22	0.07201	74.23	74.23	0	ANNUAL	ROAD5	5	606967.8	4201248.22	0.07126	74.23	74.23	0	ANNUAL	ROAD6	5	607299.31	4201681.26	0.04762	68.87	68.87	0	ANNUAL	ROAD6	5
ROAD3	5	606987.8	4201248.22	0.15575	74.01	74.01	0	ANNUAL	ROAD4	5	606987.8	4201248.22	0.07036	74.01	74.01	0	ANNUAL	ROAD5	5	606987.8	4201248.22	0.06961	74.01	74.01	0	ANNUAL	ROAD6	5	607268.31	4201663.82	0.0498	69.99	69.99	0	ANNUAL	ROAD6	5
ROAD3	5	607007.8	4201248.22	0.1676	73.64	73.64	0	ANNUAL	ROAD4	5	607007.8	4201248.22	0.06874	73.64	73.64	0	ANNUAL	ROAD5	5	607007.8	4201248.22	0.068	73.64	73.64	0	ANNUAL	ROAD6	5	607299.31	4201658.98	0.04801	69.38	69.38	0	ANNUAL	ROAD6	5
ROAD3	5	607027.8	4201248.22	0.1812	73.27	73.27	0	ANNUAL	ROAD4	5	607027.8	4201248.22	0.06717	73.27	73.27	0	ANNUAL	ROAD5	5	607027.8	4201248.22	0.06644	73.27	73.27	0	ANNUAL	ROAD6	5	607272.19	4201641.54	0.04992	69.58	69.58	0	ANNUAL	ROAD6	5
ROAD3	5	607047.8	4201248.22	0.19661	73.05	73.05	0	ANNUAL	ROAD4	5	607047.8	4201248.22	0.06565	73.05	73.05	0	ANNUAL	ROAD5	5	607047.8	4201248.22	0.06493	73.05	73.05	0	ANNUAL	ROAD6	5	607303.67	4201638.15	0.04808	69.48	69.48	0	ANNUAL	ROAD6	5
ROAD3	5	607067.8	4201248.22	0.21435	72.91	72.91	0	ANNUAL	ROAD4	5	607067.8	4201248.22	0.06418	72.91	72.91	0	ANNUAL	ROAD5	5	607067.8	4201248.22	0.06347	72.91	72.91	0	ANNUAL	ROAD6	5	607270.25	4201614.91	0.0504	68.52	68.52	0	ANNUAL	ROAD6	5
ROAD3	5	607087.8	4201248.22	0.23535	72.71	72.71	0	ANNUAL	ROAD4	5	607087.8	4201248.22	0.06274	72.71	72.71	0	ANNUAL	ROAD5	5	607087.8	4201248.22	0.06204	72.71	72.71	0	ANNUAL	ROAD6	5	607305.12	4201612.97	0.04831	68.24	68.24	0	ANNUAL	ROAD6	5
ROAD3	5	607107.8	4201248.22	0.26025	72.58	72.58	0	ANNUAL	ROAD4	5	607107.8	4201248.22	0.06135	72.58	72.58	0	ANNUAL	ROAD5	5	607107.8	4201248.22	0.06066	72.58	72.58	0	ANNUAL	ROAD6	5	607209.71	4201784.9	0.05086	65.59	92.25	0	ANNUAL	ROAD6	5
ROAD3	5	607127.8	4201248.22	0.29071	72.38	72.38	0	ANNUAL	ROAD4	5	607127.8	4201248.22	0.06	72.38	72.38	0	ANNUAL	ROAD5	5	607127.8	4201248.22	0.05931	72.38	72.38	0	ANNUAL	ROAD6	5	607167.09	4201791.19	0.0536	66.68	94.97	0	ANNUAL	ROAD6	5
ROAD3	5	607147.8	4201248.22	0.3283	72.2	72.2	0	ANNUAL	ROAD4	5	607147.8	4201248.22	0.05868	72.2	72.2	0	ANNUAL	ROAD5	5	607147.8	4201248.22	0.05801	72.2	72.2	0	ANNUAL	ROAD6	5	607140.94	4201796.52	0.05556	71.66	93.05	0	ANNUAL	ROAD6	5
ROAD3	5	607167.8	4201248.22	0.37565	72.06	72.06	0	ANNUAL	ROAD4	5	607167.8	4201248.22	0.0574	72.06	72.06	0	ANNUAL	ROAD5	5	607167.8	4201248.22	0.05674	72.06	72.06	0	ANNUAL	ROAD6	5	607114.79	4201795.07	0.05783	78.18	90.08	0	ANNUAL	ROAD6	5
ROAD3	5	607187.8	4201248.22	0.43773	71.86	71.86	0	ANNUAL	ROAD4	5	607187.8	4201248.22	0.05616	71.86	71.86	0	ANNUAL	ROAD5	5	607187.8	4201248.22	0.05551	71.86	71.86	0	ANNUAL	ROAD6	5	607092.51	4201790.71	0.05987	83.22	88.13	0	ANNUAL	ROAD6	5
ROAD3	5	607207.8	4201248.22	0.52184	71.64	71.64	0	ANNUAL	ROAD4	5	607207.8	4201248.22	0.05495	71.64	71.64	0	ANNUAL	ROAD5	5	607207.8	4201248.22	0.05431	71.64	71.64	0	ANNUAL	ROAD6	5	607070.72	4201786.83	0.06184	86.79	86.79	0	ANNUAL	ROAD6	5
ROAD3	5	607227.8	4201248.22	0.64002	71.48	71.48	0	ANNUAL	ROAD4	5	607227.8	4201248.22	0.05378	71.48	71.48	0	ANNUAL	ROAD5	5	607227.8	4201248.22	0.05314	71.48	71.48	0	ANNUAL	ROAD6	5	607044.57	4201783.93	0.06427	87.9	87.9	0	ANNUAL	ROAD6	5
ROAD3	5	607247.8	4201248.22	0.81719	71.34	71.34	0	ANNUAL	ROAD4	5	607247.8	4201248.22	0.05264	71.34	71.34	0	ANNUAL	ROAD5	5	607247.8	4201248.22	0.05202	71.34	71.34	0	ANNUAL	ROAD6	5	607019.38	4201778.6	0.06685	88.88	88.88	0	ANNUAL	ROAD6	5
ROAD3	5	607267.8	4201248.22	1.10993	71.14	71.14	0	ANNUAL	ROAD4	5	607267.8	4201248.22	0.05153	71.14	71.14	0	ANNUAL	ROAD5	5	607267.8	4201248.22	0.05092	71.14	71.14	0	ANNUAL	ROAD6	5	606995.17	4201774.24	0.06944	90.12	90.12	0	ANNUAL	ROAD6	5
ROAD3	5	607287.8	4201248.22	1.64278	71.05	71.05	0	ANNUAL	ROAD4	5	607287.8	4201248.22	0.05045	71.05	71.05	0	ANNUAL	ROAD5	5	607287.8	4201248.22	0.04985	71.05	71.05	0	ANNUAL	ROAD6	5	606948.68	4201774.24	0.07449	91.94	91.94	0	ANNUAL	ROAD6	5
ROAD3	5	607307.8	4201248.22	2.82471	70.91	70.91	0	ANNUAL	ROAD4	5	607307.8	4201248.22	0.0494	70.91	70.91	0	ANNUAL	ROAD5	5	607307.8	4201248.22	0.04882	70.91	70.91	0	ANNUAL	ROAD6	5	606925.43	4201770.37	0.07737	93.21	93.21	0	ANNUAL	ROAD6	5
ROAD3	5	606527.8	4201268.22	0.05633	79.16	79.16	0	ANNUAL	ROAD4	5	606527.8	4201268.22	0.12725	79.16	79.16	0	ANNUAL	ROAD5	5	606527.8	4201268.22	0.12671	79.16	79.16	0	ANNUAL	ROAD6	5	606900.73	4201772.79	0.08032	94.27	94.27	0	ANNUAL	ROAD6	5
ROAD3	5	606547.8	4201268.22	0.05802	78.95	78.95	0	ANNUAL	ROAD4	5	606547.8	4201268.22	0.12399	78.95	78.95	0	ANNUAL	ROAD5	5	606547.8	4201268.22	0.12339	78.95	78.95	0	ANNUAL	ROAD6	5	606876.03	4201770.85	0.08369	95.05	95.05	0	ANNUAL	ROAD6	5
ROAD3	5	606567.8	4201268.22	0.05981	78.73	78.73	0	ANNUAL	ROAD4	5	606567.8	4201268.22	0.12083	78.73	78.73	0	ANNUAL	ROAD5	5	606567.8	4201268.22	0.12017	78.73	78.73	0	ANNUAL	ROAD6	5	606852.3	4201771.34	0.08704	95.44	95.44	0	ANNUAL	ROAD6	5
ROAD3	5	606587.8	4201268.22	0.0617	78.54	78.54	0	ANNUAL	ROAD4	5	606587.8	4201268.22	0.11775	78.54	78.54	0	ANNUAL	ROAD5	5	606587.8	4201268.22	0.11705	78.54	78.54	0	ANNUAL	ROAD6	5	606822.76	4201767.46	0.09183	95.41	95.41	0	ANNUAL	ROAD6	5
ROAD3	5	606607.8	4201268.22	0.06374	78.3	78.3	0	ANNUAL	ROAD4	5	606607.8	4201268.22	0.11477	78.3	78.3	0	ANNUAL	ROAD5	5	606607.8	4201268.22	0.11404	78.3	78.3	0	ANNUAL	ROAD6	5	606800	4201757.78	0.09629	94.74	94.74	0	ANNUAL	ROAD6	5
ROAD3	5	606627.8	4201268.22	0.0659	78.11	78.11	0	ANNUAL	ROAD4	5	606627.8	4201268.22	0.11186	78.11	78.11	0	ANNUAL	ROAD5	5	606627.8	4201268.22	0.1111	78.11	78.11	0	ANNUAL	ROAD6	5	606773.36	4201751.96	0.10167	92.86	92.86	0	ANNUAL	ROAD6	5
ROAD3	5	606647.8	4201268.22	0.06823	77.89	77.89	0	ANNUAL	ROAD4	5	606647.8	4201268.22	0.10903	77.89	77.89	0	ANNUAL	ROAD5	5	606647.8	4201268.22	0.10824	77.89	77.89	0	ANNUAL	ROAD6	5	606749.63	4201747.12	0.10683	89.36	94.9	0	ANNUAL	ROAD6	5
ROAD3	5	606667.8	4201268.22	0.0707	77.72	77.72	0	ANNUAL	ROAD4	5	606667.8	4201268.22	0.10629	77.72	77.72	0	ANNUAL	ROAD5	5	606667.8	4201268.22	0.10548	77.72	77.72	0	ANNUAL	ROAD6	5	606720.09	4201748.57	0.113	86.62	94.9	0	ANNUAL	ROAD6	5
ROAD3	5	606687.8	4201268.22	0.07346	77.38	77.38	0	ANNUAL	ROAD4	5	606687.8	4201268.22	0.10359	77.38	77.38	0	ANNUAL	ROAD5	5	606687.8	4201268.22	0.10277	77.38	77.38	0	ANNUAL	ROAD6	5	606697.33	4201750.03	0.11805	86	86	0	ANNUAL	ROAD6	5
ROAD3	5	606707.8	4201268.22	0.07635	77.17	77.17	0	ANNUAL	ROAD4	5	606707.8	4201268.22	0.101	77.17	77.17	0	ANNUAL	ROAD5	5	606707.8	4201268.22	0.10016	77.17	77.17	0	ANNUAL	ROAD6	5	606650.35	4201752.93	0.12965	86.04	86.04	0	ANNUAL	ROAD6	5
ROAD3	5	606727.8	4201268.22	0.07952	76.86	76.86	0	ANNUAL	ROAD4	5	606727.8	4201268.22	0.09845	76.86	76.86	0	ANNUAL	ROAD5	5	606727.8	4201268.22	0.09761	76.86	76.86	0	ANNUAL	ROAD6	5	606602.4	4201753.42	0.14361	86.52	95.72	0	ANNUAL	ROAD6	5
ROAD3	5	606747.8	4201268.22	0.08293	76.52	76.52	0	ANNUAL	ROAD4	5	606747.8	4201268.22	0.09598	76.52	76.52	0	ANNUAL	ROAD5	5	606747.8	4201268.22	0.09513	76.52	76.52	0	ANNUAL	ROAD6	5	606550.58	4201746.15	0.16202	85.12	96.04	0	ANNUAL	ROAD6	5
ROAD3	5	606767.8	4201268.22	0.08644	76.43	76.43	0	ANNUAL	ROAD4	5	606767.8	4201268.22	0.0936	76.43	76.43	0	ANNUAL	ROAD5	5	606767.8	4201268.22	0.09274	76.43	76.43	0	ANNUAL	ROAD6	5	606508.93	4201744.7	0.17822	80.75	96.04	0	ANNUAL	ROAD6	5
ROAD3	5	606787.8	4201268.22	0.09026	76.24	76.24	0	ANNUAL	ROAD4	5	606787.8	4201268.22	0.09127	76.24	76.24	0	ANNUAL	ROAD5	5	606787.8	4201268.22	0.09041	76.24	76.24	0	ANNUAL	ROAD6	5	606600.47	4201735.01	0.14592	89.06	95.26	0	ANNUAL	ROAD6	5
ROAD3	5	606807.8	4201268.22	0.09447	75.91	75.91	0	ANNUAL	ROAD4	5	606807.8	4201268.22	0.08901	75.91	75.91	0	ANNUAL	ROAD5	5	606807.8	4201268.22	0.08814	75.91	75.91	0	ANNUAL	ROAD6	5	606603.37	4201715.64	0.14657	91.08	92.27	0	ANNUAL	ROAD6	5
ROAD3	5	606827.8	4201268.22	0.0992	75.65	75.65	0	ANNUAL	ROAD4	5	606827.8	4201268.22	0.08681	75.65	75.65	0	ANNUAL	ROAD5	5	606827.8	4201268.22	0.08594	75.65	75.65	0	ANNUAL	ROAD6	5	606601.43	4201696.27	0.14856	92.29	92.29	0	ANNUAL	ROAD6	5
ROAD3	5	606847.8	4201268.22	0.10419	75.41	75.41	0	ANNUAL	ROAD4	5	606847.8	4201268.22	0.08468	75.41	75.41	0	ANNUAL	ROAD5	5	606847.8	4201268.22	0.08381	75.41	75.41	0	ANNUAL	ROAD6	5	606646.47	4201734.05	0.13231	87.46	87.46	0	ANNUAL	ROAD6	5
ROAD3	5	606867.8	4201268.22	0.10937	75.19	75.19	0	ANNUAL	ROAD4	5	606867.8	4201268.22	0.08261	75.19	75.19	0	ANNUAL	ROAD5	5	606867.8	4201268.22	0.08175	75.19	75.19	0	ANNUAL	ROAD6	5	606645.02	4201715.16	0.13415	88.3	88.3	0	ANNUAL	ROAD6	5
ROAD3	5	606887.8	4201268.22	0.11512	74.95	74.95	0	ANNUAL	ROAD4	5	606887.8	4201268.22	0.0806	74.95	74.95	0	ANNUAL	ROAD5	5	606887.8	4201268.22	0.07974	74.95	74.95	0	ANNUAL	ROAD6	5	606641.63	4201699.66	0.13621	88.86	88.86	0	ANNUAL	ROAD6	5
ROAD3	5	606907.8	4201268.22	0.12163	74.74	74.74	0	ANNUAL	ROAD4	5	606907.8	4201268.22	0.07865	74.74	74.74	0	ANNUAL	ROAD5	5	606907.8	4201268.22	0.0778	74.74	74.74	0	ANNUAL	ROAD6	5	606684.37	4201668.7	0.12624	84.8	84.8	0	ANNUAL	ROAD6	5
ROAD3	5	606927.8	4201268.22	0.12888	74.54	74.54	0	ANNUAL	ROAD4	5	606927.8	4201268.22	0.07676	74.54	74.54	0	ANNUAL	ROAD5	5	606927.8	4201268.22	0.07591	74.54	74.54	0	ANNUAL	ROAD6	5	606688.39	4201702.89	0.12345	85.62	85.62	0	ANNUAL	ROAD6	5
ROAD3	5	606947.8	4201268.22	0.137	74.34	74.34	0	ANNUAL	ROAD4	5	606947.8	4201268.22	0.07492	74.34	74.34	0	ANNUAL	ROAD5	5	606947.8	4201268.22	0.07409	74.34	74.34	0	ANNUAL	ROAD6	5	606709.84	4201695.52	0.11866	84.41	92.9	0	ANNUAL	ROAD6	5
ROAD3	5	606967.8	4201268.22	0.14613	74.14	74.14	0	ANNUAL	ROAD4	5	606967.8	4201268.22	0.07314	74.14	74.14	0	ANNUAL	ROAD5	5	606967.8	4201268.22	0.07231	74.14	74.14	0	ANNUAL	ROAD6	5	606705.15	4201666.69	0.12107	82.88	85.08	0	ANNUAL	ROAD6	5
ROAD3	5	606987.8	4201268.22	0.15642	73.9	73.9	0	ANNUAL	ROAD4	5	606987.8	4201268.22	0.0714	73.9	73.9	0	ANNUAL	ROAD5	5	606987.8	4201268.22	0.07059	73.9	73.9	0	ANNUAL	ROAD6	5	606739.34	4201697.53	0.11195	84.16	95.53	0	ANNUAL	ROAD6	5
ROAD3	5	607007.8	4201268.22	0.16851	73.49	73.49	0	ANNUAL	ROAD4	5	607007.8	4201268.22	0.06971	73.49	73.49	0	ANNUAL	ROAD5	5	607007.8	4201268.22	0.06891	73.49	73.49	0	ANNUAL	ROAD6	5	606725.93	4201665.35	0.11622	81.81	95.49	0	ANNUAL	ROAD6	5
ROAD3	5	607027.8	4201268.22	0.18226	73.13	73.13	0	ANNUAL	ROAD4	5	607027.8	4201268.22	0.06807	73.13	73.13	0	ANNUAL	ROAD5	5	607027.8	4201268.22	0.06728	73.13	73.13	0	ANNUAL	ROAD6	5	606749.39	4201666.02	0.11106	81.45	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607047.8	4201268.22	0.19786	72.95	72.95	0	ANNUAL	ROAD4	5	607047.8	4201268.22	0.06649	72.95	72.95	0	ANNUAL	ROAD5	5	607047.8	4201268.22	0.06571	72.95	72.95	0	ANNUAL	ROAD6	5	606763.47	4201701.55	0.10677	84.81	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607067.8	4201268.22	0.21611	72.71	72.71	0	ANNUAL	ROAD4	5	607067.8	4201268.22	0.06495	72.71	72.71	0	ANNUAL	ROAD5	5	607067.8	4201268.22	0.06418	72.71	72.71	0	ANNUAL	ROAD6	5	606788.27	4201705.57	0.10182	85.85	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607087.8	4201268.22	0.23732	72.6	72.6	0	ANNUAL	ROAD4	5	607087.8	4201268.22	0.06347	72.6	72.6	0	ANNUAL	ROAD5	5	607087.8	4201268.22	0.06271	72.6	72.6	0	ANNUAL	ROAD6	5	606815.75	4201713.62	0.09649	87.05	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607107.8	4201268.22	0.26265	72.48	72.48	0	ANNUAL	ROAD4	5	607107.8	4201268.22	0.06202	72.48	72.48	0	ANNUAL	ROAD5	5	607107.8	4201268.22	0.06128	72.48	72.48	0	ANNUAL	ROAD6	5	606839.22	4201718.98	0.0923	87.45	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607127.8	4201268.22	0.29384	72.25	72.25	0	ANNUAL	ROAD4	5	607127.8	4201268.22	0.06062	72.25	72.25	0	ANNUAL	ROAD5	5	607127.8	4201268.22	0.05988	72.25	72.25	0	ANNUAL	ROAD6	5	606866.7	4201722.33	0.08788	87.66	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607147.8	4201268.22	0.33301	71.92	71.92	0	ANNUAL	ROAD4	5	607147.8	4201268.22	0.05925	71.92	71.92	0	ANNUAL	ROAD5	5	607147.8	4201268.22	0.05853	71.92	71.92	0	ANNUAL	ROAD6	5	606889.49	4201720.32	0.08465	86.93	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607167.8	4201268.22	0.3808	71.9	71.9	0	ANNUAL	ROAD4	5	607167.8	4201268.22	0.05793	71.9	71.9	0	ANNUAL	ROAD5	5	607167.8	4201268.22	0.05723	71.9	71.9	0	ANNUAL	ROAD6	5	606922.34	4201725.01	0.07999	87.66	95.63	0	ANNUAL	ROAD6	5
ROAD3	5	607187.8	4201268.22	0.44363	71.77	71.77	0	ANNUAL	ROAD4	5	607187.8	4201268.22	0.05665	71.77	71.77	0	ANNUAL	ROAD5	5	607187.8	4201268.22	0.05596	71.77	71.77	0	ANNUAL	ROAD6	5	606940.44	4201723.67	0.07775	87.02	95.38	0	ANNUAL	ROAD6	5
ROAD3	5	607207.8	4201268.22	0.52963	71.52	71.52	0	ANNUAL	ROAD4	5	607207.8	4201268.22	0.0554	71.52	71.52	0	ANNUAL	ROAD5	5	607207.8	4201268.22	0.05472	71.52	71.52	0	ANNUAL	ROAD6	5	606967.25	4201725.68	0.07445	86.96	94.33	0	ANNUAL	ROAD6	5
ROAD3	5	607227.8	4201268.22	0.6508	71.31	71.31	0	ANNUAL	ROAD4	5	607227.8	4201268.22	0.05419	71.31	71.31	0	ANNUAL	ROAD5	5	607227.8	4201268.22	0.05352	71.31	71.31	0	ANNUAL	ROAD6	5	606994.73	4201727.69	0.07129	87.06	89.81	0	ANNUAL	ROAD6	5
ROAD3	5	607247.8	4201268.22	0.82959	71.22	71.22	0	ANNUAL	ROAD4	5	607247.8	4201268.22	0.05302	71.22	71.22	0	ANNUAL	ROAD5	5	607247.8	4201268.22	0.05237	71.22	71.22	0	ANNUAL	ROAD6	5	607016.85	4201734.4	0.06871	87.47	87.47	0	ANNUAL	ROAD6	5
ROAD3	5	607267.8	4201268.22	1.12154	71.01	71.01	0	ANNUAL	ROAD4	5	607267.8	4201268.22	0.05188	71.01	71.01	0	ANNUAL	ROAD5	5	607267.8	4201268.22	0.05124	71.01	71.01	0	ANNUAL	ROAD6	5	607044.34	4201729.71	0.06613	86.24	87.6	0	ANNUAL	ROAD6	5
ROAD3	5	607287.8	4201268.22	1.65468	70.94	70.94	0	ANNUAL	ROAD4	5	607287.8	4201268.22	0.05078	70.94	70.94	0	ANNUAL	ROAD5	5	607287.8	4201268.22	0.05015	70.94	70.94	0	ANNUAL	ROAD6	5	607073.16	4201742.44	0.06304	85.35	87.26	0	ANNUAL	ROAD6	5
ROAD3	5	607307.8	4201268.22	2.83758	70.92	70.92	0	ANNUAL	ROAD4	5	607307.8	4201268.22	0.04971	70.92	70.92	0	ANNUAL	ROAD5	5	607307.8	4201268.22	0.04909	70.92	70.92	0	ANNUAL	ROAD6	5	607094.61	4201741.77	0.06116	82.94	88.13	0	ANNUAL	ROAD6	5
ROAD3	5	606527.8	4201288.22	0.05636	79.35	79.35	0	ANNUAL	ROAD4	5	606527.8	4201288.22	0.13232	79.35	79.35	0	ANNUAL	ROAD5	5	606527.8	4201288.22	0.1315	79.35	79.35	0	ANNUAL	ROAD6	5	607116.06	4201742.44	0.0593	80.31	88.77	0	ANNUAL	ROAD6	5
ROAD3	5	606547.8	4201288.22	0.05809	79.03	79.03	0	ANNUAL	ROAD4	5	606547.8	4201288.22	0.1287	79.03	79.03	0	ANNUAL	ROAD5	5	606547.8	4201288.22	0.12786	79.03	79.03	0	ANNUAL	ROAD6	5	607137.51	4201741.77	0.05745	77.15	89.42	0	ANNUAL	ROAD6	5
ROAD3	5	606567.8	4201288.22	0.05991	78.73	78.73	0	ANNUAL	ROAD4	5	606567.8	4201288.22	0.12523	78.73	78.73	0	ANNUAL	ROAD5	5	606567.8	4201288.22	0.12433	78.73	78.73	0	ANNUAL	ROAD6	5	607164.33	4201744.45	0.05524	73.14	90.31	0	ANNUAL	ROAD6	5
ROAD3	5	606587.8	4201288.22	0.06188	78.37	78.37	0	ANNUAL	ROAD4	5	606587.8	4201288.22	0.12184	78.37	78.37	0	ANNUAL	ROAD5	5	606587.8	4201288.22	0.12092	78.37	78.37	0	ANNUAL	ROAD6	5	607185.11	4201741.77	0.05377	71.64	90.08	0	ANNUAL	ROAD6	5
ROAD3	5	606607.8	4201288.22	0.06394	78.07	78.07	0	ANNUAL	ROAD4	5	606607.8	4201288.22	0.11858	78.07	78.07	0	ANNUAL	ROAD5	5	606607.8	4201288.22	0.11762	78.07	78.07	0	ANNUAL	ROAD6	5	607207.23	4201733.73	0.05241	70.87	88.77	0	ANNUAL	ROAD6	5
ROAD3	5	606627.8	4201288.22	0.06609	77.89	77.89	0	ANNUAL	ROAD4	5	606627.8	4201288.22	0.11541	77.89	77.89	0	ANNUAL	ROAD5	5	606627.8	4201288.22	0.11445	77.89	77.89	0	ANNUAL	ROAD6	5	607209.24	4201706.24	0.05288	71.56	87.77	0	ANNUAL	ROAD6	5
ROAD3	5	606647.8	4201288.22	0.06838	77.73	77.73	0	ANNUAL	ROAD4	5	606647.8	4201288.22	0.11234	77.73	77.73	0	ANNUAL	ROAD5	5	606647.8	4201288.22	0.11137	77.73	77.73	0	ANNUAL	ROAD6	5	607190.47	4201708.25	0.05417	72.45	88.42	0	ANNUAL	ROAD6	5
ROAD3	5	606667.8	4201288.22	0.07088	77.49	77.49	0	ANNUAL	ROAD4	5	606667.8	4201288.22	0.10936	77.49	77.49	0	ANNUAL	ROAD5	5	606667.8	4201288.22	0.10838	77.49	77.49	0	ANNUAL	ROAD6	5	607161.65	4201706.91	0.05634	73.62	89.42	0	ANNUAL	ROAD6	5
ROAD3	5	606687.8	4201288.22	0.07358	77.26	77.26	0	ANNUAL	ROAD4	5	606687.8	4201288.22	0.10648	77.26	77.26	0	ANNUAL	ROAD5	5	606687.8	4201288.22	0.10549	77.26	77.26	0	ANNUAL	ROAD6	5	607134.16	4201710.27	0.05848	76.34	89.42	0	ANNUAL	ROAD6	5
ROAD3	5	606707.8	4201288.22	0.07654	76.91	76.91	0	ANNUAL	ROAD4	5	606707.8	4201288.22	0.10366	76.91	76.91	0	ANNUAL	ROAD5	5	606707.8	4201288.22	0.10267	76.91	76.91	0	ANNUAL	ROAD6	5	607114.05	4201708.25	0.06026	77.96	89.73	0	ANNUAL	ROAD6	5
ROAD3	5	606727.8	4201288.22	0.07962	76.75	76.75	0	ANNUAL	ROAD4	5	606727.8	4201288.22	0.10095	76.75	76.75	0	ANNUAL	ROAD5	5	606727.8	4201288.22	0.09995	76.75	76.75	0	ANNUAL	ROAD6	5	607093.27	4201712.28	0.06203	79.62	90.08	0	ANNUAL	ROAD6	5
ROAD3	5	606747.8	4201288.22	0.083	76.48	76.48	0	ANNUAL	ROAD4	5	606747.8	4201288.22	0.09831	76.48	76.48	0	ANNUAL	ROAD5	5	606747.8	4201288.22	0.09731	76.48	76.48	0	ANNUAL	ROAD6	5	607067.8	4201707.58	0.06446	79.93	90.64	0	ANNUAL	ROAD6	5
ROAD3	5	606767.8	4201288.22	0.08656	76.32	76.32	0	ANNUAL	ROAD4	5	606767.8	4201288.22	0.09576	76.32	76.32	0	ANNUAL	ROAD5	5	606767.8	4201288.22	0.09476	76.32	76.32	0	ANNUAL	ROAD6	5	607044.34	4201706.91	0.06676	80.89	91.13	0	ANNUAL	ROAD6	5
ROAD3	5	606787.8	4201288.22	0.09035	76.19	76.19	0	ANNUAL	ROAD4	5	606787.8	4201288.22	0.0933	76.19	76.19	0	ANNUAL	ROAD5	5	606787.8	4201288.22	0.0923	76.19	76.19	0	ANNUAL	ROAD6	5	607024.23	4201700.21	0.06896	80.17	94.67	0	ANNUAL	ROAD6	5
ROAD3	5	606807.8	4201288.22	0.09448	76	76	0	ANNUAL	ROAD4	5	606807.8	4201288.22	0.0909	76	76	0	ANNUAL	ROAD5	5	606807.8	4201288.22	0.08991	76	76	0	ANNUAL	ROAD6	5	606999.43	4201694.18	0.07174	79.64	95.63	0	ANNUAL	ROAD6	5
ROAD3	5	606827.8	4201288.22	0.09899	75.75	75.75	0	ANNUAL	ROAD4	5	606827.8	4201288.22	0.08857	75.75	75.75	0	ANNUAL	ROAD5	5	606827.8	4201288.22	0.08759	75.75	75.75	0	ANNUAL	ROAD6	5	606973.28	4201692.84	0.07473	79.78	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	606847.8	4201288.22	0.10447	75.45	75.45	0	ANNUAL	ROAD4	5	606847.8	4201288.22	0.08631	75.45	75.45	0	ANNUAL	ROAD5	5	606847.8	4201288.22	0.08534	75.45	75.45	0	ANNUAL	ROAD6	5	606947.14	4201691.5	0.07793	80.11	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	606867.8	4201288.22	0.10962	75.26	75.26	0	ANNUAL	ROAD4	5	606867.8	4201288.22	0.08413	75.26	75.26	0	ANNUAL	ROAD5	5	606867.8	4201288.22	0.08317	75.26	75.26	0	ANNUAL	ROAD6	5	606923.68	4201691.5	0.08096	80.53	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	606887.8	4201288.22	0.11541	75.04	75.04	0	ANNUAL	ROAD4	5	606887.8	4201288.22	0.08202	75.04	75.04	0	ANNUAL	ROAD5	5	606887.8	4201288.22	0.08106	75.04	75.04	0	ANNUAL	ROAD6	5	606898.2	4201691.5	0.08448	81.63	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	606907.8	4201288.22	0.12181	74.76	74.76	0	ANNUAL	ROAD4	5	606907.8	4201288.22	0.07996	74.76	74.76	0	ANNUAL	ROAD5	5	606907.8	4201288.22	0.07902	74.76	74.76	0	ANNUAL	ROAD6	5	606876.75	4201686.8	0.08779	82.5	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	606927.8	4201288.22	0.12912	74.5	74.5	0	ANNUAL	ROAD4	5	606927.8	4201288.22	0.07797	74.5	74.5	0	ANNUAL	ROAD5	5	606927.8	4201288.22	0.07704	74.5	74.5	0	ANNUAL	ROAD6	5	606861.34	4201681.44	0.09035	82.64	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	606947.8	4201288.22	0.13731	74.24	74.24	0	ANNUAL	ROAD4	5	606947.8	4201288.22	0.07604	74.24	74.24	0	ANNUAL	ROAD5	5	606947.8	4201288.22	0.07513	74.24	74.24	0	ANNUAL	ROAD6	5	606838.55	4201678.09	0.09415	82.76	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	606967.8	4201288.22	0.14637	74.05	74.05	0	ANNUAL	ROAD4	5	606967.8	4201288.22	0.07418	74.05	74.05	0	ANNUAL	ROAD5	5	606967.8	4201288.22	0.07328	74.05	74.05	0	ANNUAL	ROAD6	5	606820.45	4201672.06	0.09739	82.24	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	606987.8	4201288.22	0.15685	73.77	73.77	0	ANNUAL	ROAD4	5	606987.8	4201288.22	0.07237	73.77	73.77	0	ANNUAL	ROAD5	5	606987.8	4201288.22	0.07148	73.77	73.77	0	ANNUAL	ROAD6	5	606796.31	4201667.36	0.10185	81.65	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607007.8	4201288.22	0.16896	73.36	73.36	0	ANNUAL	ROAD4	5	607007.8	4201288.22	0.07061	73.36	73.36	0	ANNUAL	ROAD5	5	607007.8	4201288.22	0.06973	73.36	73.36	0	ANNUAL	ROAD6	5	606772.85	4201664.68	0.10635	81.29	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607027.8	4201288.22	0.18281	73.03	73.03	0	ANNUAL	ROAD4	5	607027.8	4201288.22	0.0689	73.03	73.03	0	ANNUAL	ROAD5	5	607027.8	4201288.22	0.06804	73.03	73.03	0	ANNUAL	ROAD6	5	606942.45	4201591.62	0.08063	74.57	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607047.8	4201288.22	0.19853	72.85	72.85	0	ANNUAL	ROAD4	5	607047.8	4201288.22	0.06726	72.85	72.85	0	ANNUAL	ROAD5	5	607047.8	4201288.22	0.06642	72.85	72.85	0	ANNUAL	ROAD6	5	606969.26	4201597.65	0.07718	73.96	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607067.8	4201288.22	0.21696	72.64	72.64	0	ANNUAL	ROAD4	5	607067.8	4201288.22	0.06567	72.64	72.64	0	ANNUAL	ROAD5	5	607067.8	4201288.22	0.06484	72.64	72.64	0	ANNUAL	ROAD6	5	606986.02	4201605.69	0.07505	73.63	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607087.8	4201288.22	0.23869	72.45	72.45	0	ANNUAL	ROAD4	5	607087.8	4201288.22	0.06412	72.45	72.45	0	ANNUAL	ROAD5	5	607087.8	4201288.22	0.06331	72.45	72.45	0	ANNUAL	ROAD6	5	607006.13	4201605.69	0.07277	73.21	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607107.8	4201288.22	0.26451	72.33	72.33	0	ANNUAL	ROAD4	5	607107.8	4201288.22	0.06263	72.33	72.33	0	ANNUAL	ROAD5	5	607107.8	4201288.22	0.06183	72.33	72.33	0	ANNUAL	ROAD6	5	607022.22	4201611.73	0.07081	71.29	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607127.8	4201288.22	0.29666	72	72	0	ANNUAL	ROAD4	5	607127.8	4201288.22	0.06117	72	72	0	ANNUAL	ROAD5	5	607127.8	4201288.22	0.06039	72	72	0	ANNUAL	ROAD6	5	607040.32	4201615.75	0.06872	68.86	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607147.8	4201288.22	0.33677	71.67	71.67	0	ANNUAL	ROAD4	5	607147.8	4201288.22	0.05976	71.67	71.67	0	ANNUAL	ROAD5	5	607147.8	4201288.22	0.05899	71.67	71.67	0	ANNUAL	ROAD6	5	607057.74	4201619.77	0.06684	67.42	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607167.8	4201288.22	0.38646	71.54	71.54	0	ANNUAL	ROAD4	5	607167.8	4201288.22	0.0584	71.54	71.54	0	ANNUAL	ROAD5	5	607167.8	4201288.22	0.05765	71.54	71.54	0	ANNUAL	ROAD6	5	607078.53	4201622.45	0.06481	67.3	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	607187.8	4201288.22	0.44996	71.52	71.52	0	ANNUAL	ROAD4	5	607187.8	4201288.22	0.05708	71.52	71.52	0	ANNUAL	ROAD5	5	607187.8	4201288.22	0.05635	71.52	71.52	0	ANNUAL	ROAD6	5	607099.31	4201628.48	0.06285	67.88	95.51	0	ANNUAL	ROAD6	5
ROAD3	5	607207.8	4201288.22	0.53676	71.36	71.36	0	ANNUAL	ROAD4	5	607207.8	4201288.22	0.0558	71.36	71.36	0	ANNUAL	ROAD5	5	607207.8	4201288.22	0.05508	71.36	71.36	0	ANNUAL	ROAD6	5	607118.75	4201626.47	0.06121	67.76	95.22	0	ANNUAL	ROAD6	5
ROAD3	5	607227.8	4201288.22	0.66023	71.08	71.08	0	ANNUAL	ROAD4	5	607227.8	4201288.22	0.05456	71.08	71.08	0	ANNUAL	ROAD5	5	607227.8	4201288.22	0.05385	71.08	71.08	0	ANNUAL	ROAD6	5	607138.86	4201627.81	0.0595	67.53	93.87	0	ANNUAL	ROAD6	5
ROAD3	5	607247.8	4201288.22	0.83973	70.95	70.95	0	ANNUAL	ROAD4	5	607247.8	4201288.22	0.05335	70.95	70.95	0	ANNUAL	ROAD5	5	607247.8	4201288.22	0.05266	70.95	70.95	0	ANNUAL	ROAD6	5	607156.28	4201627.14	0.05812	67.28	91.13	0	ANNUAL	ROAD6	5
ROAD3	5	607267.8	4201288.22	1.12983	70.91	70.91	0	ANNUAL	ROAD4	5	607267.8	4201288.22	0.05219	70.91	70.91	0	ANNUAL	ROAD5	5	607267.8	4201288.22	0.05152	70.91	70.91	0	ANNUAL	ROAD6	5	607177.06	4201627.81	0.0565	67.03	90.51	0	ANNUAL	ROAD6	5
ROAD3	5	607287.8	4201288.22	1.66418	70.83	70.83	0	ANNUAL	ROAD4	5	607287.8	4201288.22	0.05106	70.83	70.83	0	ANNUAL	ROAD5	5	607287.8	4201288.22	0.0504	70.83	70.83	0	ANNUAL	ROAD6	5	607196.5	4201624.46	0.05514	67.09	89.14	0	ANNUAL	ROAD6	5
ROAD3	5	607307.8	4201288.22	2.84877	70.82	70.82	0	ANNUAL	ROAD4	5	607307.8	4201288.22	0.04997	70.82	70.82	0	ANNUAL	ROAD5	5	607307.8	4201288.22	0.04932	70.82	70.82	0	ANNUAL	ROAD6	5	607223.32	4201616.42	0.05341	67.52	67.52	0	ANNUAL	ROAD6	5
ROAD3	5	606527.8	4201308.22	0.05641	79.46	79.46	0	ANNUAL	ROAD4	5	606527.8	4201308.22	0.13724	79.46	79.46	0	ANNUAL	ROAD5	5	606527.8	4201308.22	0.13615	79.46	79.46	0	ANNUAL	ROAD6	5	607221.31	4201641.89	0.05317	68.51	68.51	0	ANNUAL	ROAD6	5
ROAD3	5	606547.8	4201308.22	0.05815	79.1	79.1	0	ANNUAL	ROAD4	5	606547.8	4201308.22	0.13328	79.1	79.1	0	ANNUAL	ROAD5	5	606547.8	4201308.22	0.13217	79.1	79.1	0	ANNUAL	ROAD6	5	607218.63	4201662	0.05305	69.86	69.86	0	ANNUAL	ROAD6	5
ROAD3	5	606567.8	4201308.22	0.06007	78.58	78.58	0	ANNUAL	ROAD4	5	606567.8	4201308.22	0.12946	78.58	78.58	0	ANNUAL	ROAD5	5	606567.8	4201308.22	0.12832	78.58	78.58	0	ANNUAL	ROAD6	5	607193.82	4201656.64	0.05481	68.4	89.73	0	ANNUAL	ROAD6	5
ROAD3	5	606587.8	4201308.22	0.06209	78.1	78.1	0	ANNUAL	ROAD4	5	606587.8	4201308.22	0.12579	78.1	78.1	0	ANNUAL	ROAD5	5	606587.8	4201308.22	0.12462	78.1	78.1	0	ANNUAL	ROAD6	5	607171.03	4201655.3	0.05649	67.92	90.84	0	ANNUAL	ROAD6	5
ROAD3	5	606607.8	4201308.22	0.06412	77.87	77.87	0	ANNUAL	ROAD4	5	606607.8	4201308.22	0.12225	77.87	77.87	0	ANNUAL	ROAD5	5	606607.8	4201308.22	0.12108	77.87	77.87	0	ANNUAL	ROAD6	5	607146.9	4201656.64	0.05838	69.24	91.5	0	ANNUAL	ROAD6	5
ROAD3	5	606627.8	4201308.22	0.06635	77.51	77.51	0	ANNUAL	ROAD4	5	606627.8	4201308.22	0.11881	77.51	77.51	0	ANNUAL	ROAD5	5	606627.8	4201308.22	0.11764	77.51	77.51	0	ANNUAL	ROAD6	5	607121.43	4201658.65	0.06053	71.76	91.13	0	ANNUAL	ROAD6	5
ROAD3	5	606647.8	4201308.22	0.06866	77.3	77.3	0	ANNUAL	ROAD4	5	606647.8	4201308.22	0.1155	77.3	77.3	0	ANNUAL	ROAD5	5	606647.8	4201308.22	0.11433	77.3	77.3	0	ANNUAL	ROAD6	5	607099.98	4201657.98	0.06244	73.23	92.59	0	ANNUAL	ROAD6	5
ROAD3	5	606667.8	4201308.22	0.07109	77.18	77.18	0	ANNUAL	ROAD4	5	606667.8	4201308.22	0.11231	77.18	77.18	0	ANNUAL	ROAD5	5	606667.8	4201308.22	0.11113	77.18	77.18	0	ANNUAL	ROAD6	5	607076.51	4201655.3	0.06465	74.06	94.33	0	ANNUAL	ROAD6	5
ROAD3	5	606687.8	4201308.22	0.07372	77.04	77.04	0	ANNUAL	ROAD4	5	606687.8	4201308.22	0.10921	77.04	77.04	0	ANNUAL	ROAD5	5	606687.8	4201308.22	0.10804	77.04	77.04	0	ANNUAL	ROAD6	5	607050.37	4201654.63	0.06719	74.87	95.22	0	ANNUAL	ROAD6	5
ROAD3	5	606707.8	4201308.22	0.07661	76.82	76.82	0	ANNUAL	ROAD4	5	606707.8	4201308.22	0.10622	76.82	76.82	0	ANNUAL	ROAD5	5	606707.8	4201308.22	0.10505	76.82	76.82	0	ANNUAL	ROAD6	5	607027.58	4201648.59	0.06962	74.55	95.63	0	ANNUAL	ROAD6	5
ROAD3	5	606727.8	4201308.22	0.07969	76.64	76.64	0	ANNUAL	ROAD4	5	606727.8	4201308.22	0.10332	76.64	76.64	0	ANNUAL	ROAD5	5	606727.8	4201308.22	0.10216	76.64	76.64	0	ANNUAL	ROAD6	5	607006.8	4201642.56	0.07194	74.1	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	606747.8	4201308.22	0.08309	76.32	76.32	0	ANNUAL	ROAD4	5	606747.8	4201308.22	0.10051	76.32	76.32	0	ANNUAL	ROAD5	5	606747.8	4201308.22	0.09936	76.32	76.32	0	ANNUAL	ROAD6	5	606983.34	4201639.21	0.07464	74.03	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	606767.8	4201308.22	0.08661	76.21	76.21	0	ANNUAL	ROAD4	5	606767.8	4201308.22	0.09781	76.21	76.21	0	ANNUAL	ROAD5	5	606767.8	4201308.22	0.09667	76.21	76.21	0	ANNUAL	ROAD6	5	606957.19	4201638.54	0.07774	73.97	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	606787.8	4201308.22	0.09037	76.13	76.13	0	ANNUAL	ROAD4	5	606787.8	4201308.22	0.0952	76.13	76.13	0	ANNUAL	ROAD5	5	606787.8	4201308.22	0.09407	76.13	76.13	0	ANNUAL	ROAD6	5	606935.74	4201641.22	0.08036	74.03	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	606807.8	4201308.22	0.09444	76.03	76.03	0	ANNUAL	ROAD4	5	606807.8	4201308.22	0.09267	76.03	76.03	0	ANNUAL	ROAD5	5	606807.8	4201308.22	0.09156	76.03	76.03	0	ANNUAL	ROAD6	5	606941.11	4201611.06	0.08038	73.88	95.65	0	ANNUAL	ROAD6	5
ROAD3	5	606827.8	4201308.22	0.09897	75.75	75.75	0	ANNUAL	ROAD4	5	606827.8	4201308.22	0.09022	75.75	75.75	0	ANNUAL	ROAD5	5	606827.8	4201308.22	0.08912	75.75	75.75	0	ANNUAL	ROAD6	5	606212.37	4201484.74	0.35339	95.72	95.72	0	ANNUAL	ROAD6	5
ROAD3	5	606847.8	4201308.22	0.1044	75.54	75.54	0	ANNUAL	ROAD4	5	606847.8	4201308.22	0.08784	75.54	75.54	0	ANNUAL	ROAD5	5	606847.8	4201308.22	0.08676	75.54	75.54	0	ANNUAL	ROAD6	5	606233.34	4201488.04	0.33492	95.57	95.57	0	ANNUAL	ROAD6	5
ROAD3	5	606867.8	4201308.22	0.10976	75.29	75.29	0	ANNUAL	ROAD4	5	606867.8	4201308.22	0.08555	75.29	75.29	0	ANNUAL	ROAD5	5	606867.8	4201308.22	0.08448	75.29	75.29	0	ANNUAL	ROAD6	5	606253.2	4201487.56	0.31711	95.09	95.09	0	ANNUAL	ROAD6	5
ROAD3	5	606887.8	4201308.22	0.11546	75.11	75.11	0	ANNUAL	ROAD4	5	606887.8	4201308.22	0.08333	75.11	75.11	0	ANNUAL	ROAD5	5	606887.8	4201308.22	0.08228	75.11	75.11	0	ANNUAL	ROAD6	5	606275.48	4201489.01	0.29972	94.55	95.41	0	ANNUAL	ROAD6	5
ROAD3	5	606907.8	4201308.22	0.1218	74.84	74.84	0	ANNUAL	ROAD4	5	606907.8	4201308.22	0.08118	74.84	74.84	0	ANNUAL	ROAD5	5	606907.8	4201308.22	0.08015	74.84	74.84	0	ANNUAL	ROAD6	5	606297.28	4201490.95	0.28426	93.97	93.97	0	ANNUAL	ROAD6	5
ROAD3	5	606927.8	4201308.22	0.12906	74.59	74.59	0	ANNUAL	ROAD4	5	606927.8	4201308.22	0.0791	74.59	74.59	0	ANNUAL	ROAD5	5	606927.8	4201308.22	0.07809	74.59	74.59	0	ANNUAL	ROAD6	5	606319.56	4201491.43	0.26911	93.3	93.3	0	ANNUAL	ROAD6	5
ROAD3	5	606947.8	4201308.22	0.13732	74.23	74.23	0	ANNUAL	ROAD4	5	606947.8	4201308.22	0.07708	74.23	74.23	0	ANNUAL	ROAD5	5	606947.8	4201308.22	0.07609	74.23	74.23	0	ANNUAL	ROAD6	5	606336.02	4201492.4	0.25888	92.95	92.95	0	ANNUAL	ROAD6	5
ROAD3	5	606967.8	4201308.22	0.14635	74.05	74.05	0	ANNUAL	ROAD4	5	606967.8	4201308.22	0.07514	74.05	74.05	0	ANNUAL	ROAD5	5	606967.8	4201308.22	0.07416	74.05	74.05	0	ANNUAL	ROAD6	5	606361.21	4201490.46	0.24331	91.82	94.71	0	ANNUAL	ROAD6	5
ROAD3	5	606987.8	4201308.22	0.15694	73.63	73.63	0	ANNUAL	ROAD4	5	606987.8	4201308.22	0.07325	73.63	73.63	0	ANNUAL	ROAD5	5	606987.8	4201308.22	0.07229	73.63	73.63	0	ANNUAL	ROAD6	5	606383.49	4201491.43	0.23138	91.06	94.2	0	ANNUAL	ROAD6	5
ROAD3	5	607007.8	4201308.22	0.16903	73.27	73.27	0	ANNUAL	ROAD4	5	607007.8	4201308.22	0.07142	73.27	73.27	0	ANNUAL	ROAD5	5	607007.8	4201308.22	0.07048	73.27	73.27	0	ANNUAL	ROAD6	5	606403.83	4201491.43	0.22097	89.96	94.62	0	ANNUAL	ROAD6	5
ROAD3	5	607027.8	4201308.22	0.18282	72.97	72.97	0	ANNUAL	ROAD4	5	607027.8	4201308.22	0.06966	72.97	72.97	0	ANNUAL	ROAD5	5	607027.8	4201308.22	0.06873	72.97	72.97	0	ANNUAL	ROAD6	5	606425.14	4201492.89	0.21103	89.06	93.97	0	ANNUAL	ROAD6	5
ROAD3	5	607047.8	4201308.22	0.19855	72.82	72.82	0	ANNUAL	ROAD4	5	607047.8	4201308.22	0.06796	72.82	72.82	0	ANNUAL	ROAD5	5	607047.8	4201308.22	0.06705	72.82	72.82	0	ANNUAL	ROAD6	5	606447.91	4201503.06	0.2026	89.01	93.03	0	ANNUAL	ROAD6	5
ROAD3	5	607067.8	4201308.22	0.21719	72.55	72.55	0	ANNUAL	ROAD4	5	607067.8	4201308.22	0.06631	72.55	72.55	0	ANNUAL	ROAD5	5	607067.8	4201308.22	0.06542	72.55	72.55	0	ANNUAL	ROAD6	5	606459.53	4201534.54	0.20213	91.15	91.15	0	ANNUAL	ROAD6	5
ROAD3	5	607087.8	4201308.22	0.23926	72.33	72.33	0	ANNUAL	ROAD4	5	607087.8	4201308.22	0.06471	72.33	72.33	0	ANNUAL	ROAD5	5	607087.8	4201308.22	0.06384	72.33	72.33	0	ANNUAL	ROAD6	5	606431.92	4201532.6	0.21484	92.72	92.72	0	ANNUAL	ROAD6	5
ROAD3	5	607107.8	4201308.22	0.2661	71.99	71.99	0	ANNUAL	ROAD4	5	607107.8	4201308.22	0.06316	71.99	71.99	0	ANNUAL	ROAD5	5	607107.8	4201308.22	0.06231	71.99	71.99	0	ANNUAL	ROAD6	5	606409.64	4201527.76	0.2253	93.32	93.32	0	ANNUAL	ROAD6	5
ROAD3	5	607127.8	4201308.22	0.29851	71.76	71.76	0	ANNUAL	ROAD4	5	607127.8	4201308.22	0.06166	71.76	71.76	0	ANNUAL	ROAD5	5	607127.8	4201308.22	0.06083	71.76	71.76	0	ANNUAL	ROAD6	5	606388.82	4201528.24	0.23663	94.14	94.14	0	ANNUAL	ROAD6	5
ROAD3	5	607147.8	4201308.22	0.33948	71.41	71.41	0	ANNUAL	ROAD4	5	607147.8	4201308.22	0.06021	71.41	71.41	0	ANNUAL	ROAD5	5	607147.8	4201308.22	0.0594	71.41	71.41	0	ANNUAL	ROAD6	5	606365.08	4201531.15	0.25106	95.22	95.22	0	ANNUAL	ROAD6	5
ROAD3	5	607167.8	4201308.22	0.3914	71.09	71.09	0	ANNUAL	ROAD4	5	607167.8	4201308.22	0.0588	71.09	71.09	0	ANNUAL	ROAD5	5	607167.8	4201308.22	0.05801	71.09	71.09	0	ANNUAL	ROAD6	5	606348.13	4201523.88	0.25996	95.22	95.22	0	ANNUAL	ROAD6	5
ROAD3	5	607187.8	4201308.22	0.4563	71.09	71.09	0	ANNUAL	ROAD4	5	607187.8	4201308.22	0.05745	71.09	71.09	0	ANNUAL	ROAD5	5	607187.8	4201308.22	0.05668	71.09	71.09	0	ANNUAL	ROAD6	5	606323.91	4201523.4	0.27604	95.06	95.06	0	ANNUAL	ROAD6	5
ROAD3	5	607207.8	4201308.22	0.54345	71.01	71.01	0	ANNUAL	ROAD4	5	607207.8	4201308.22	0.05614	71.01	71.01	0	ANNUAL	ROAD5	5	607207.8	4201308.22	0.05538	71.01	71.01	0	ANNUAL	ROAD6	5	606304.54	4201523.88	0.29024	94.21	94.92	0	ANNUAL	ROAD6	5
ROAD3	5	607227.8	4201308.22	0.66554	70.78	70.78	0	ANNUAL	ROAD4	5	607227.8	4201308.22	0.05487	70.78	70.78	0	ANNUAL	ROAD5	5	607227.8	4201308.22	0.05413	70.78	70.78	0	ANNUAL	ROAD6	5	606279.84	4201522.43	0.30922	93.47	95.37	0	ANNUAL	ROAD6	5
ROAD3	5	607247.8	4201308.22	0.84623	70.66	70.66	0	ANNUAL	ROAD4	5	607247.8	4201308.22	0.05364	70.66	70.66	0	ANNUAL	ROAD5	5	607247.8	4201308.22	0.05291	70.66	70.66	0	ANNUAL	ROAD6	5	606262.4	4201524.85	0.32504	92.69	94.84	0	ANNUAL	ROAD6	5
ROAD3	5	607267.8	4201308.22	1.13766	70.65	70.65	0	ANNUAL	ROAD4	5	607267.8	4201308.22	0.05245	70.65	70.65	0	ANNUAL	ROAD5	5	607267.8	4201308.22	0.05174	70.65	70.65	0	ANNUAL	ROAD6	5	606235.77	4201525.82	0.35044	91.86	95.36	0	ANNUAL	ROAD6	5
ROAD3	5	607287.8	4201308.22	1.67258	70.65	70.65	0	ANNUAL	ROAD4	5	607287.8	4201308.22	0.0513	70.65	70.65	0	ANNUAL	ROAD5	5	607287.8	4201308.22	0.0506	70.65	70.65	0	ANNUAL	ROAD6	5	606214.45	4201529.7	0.37434	90.28	95.86	0	ANNUAL	ROAD6	5
ROAD3	5	607307.8	4201308.22	2.85812	70.69	70.69	0	ANNUAL	ROAD4	5	607307.8	4201308.22	0.05018	70.69	70.69	0	ANNUAL	ROAD5	5	607307.8	4201308.22	0.04951	70.69	70.69	0	ANNUAL	ROAD6	5	605768.57	4201808.61	6.17949	98.79	100.1	0	ANNUAL	ROAD6	5
ROAD3	5	606527.8	4201328.22	0.05649	79.49	79.49	0	ANNUAL	ROAD4	5	606527.8	4201328.22	0.142	79.49	79.49	0	ANNUAL	ROAD5	5	606527.8	4201328.22	0.14062	79.49	79.49	0	ANNUAL	ROAD6	5	605767.9	4201771.74	6.35622	98.78	105.22	0	ANNUAL	ROAD6	5
ROAD3	5	606547.8	4201328.22	0.05829	78.98	78.98	0	ANNUAL	ROAD4	5	606547.8	4201328.22	0.13768	78.98	78.98	0	ANNUAL	ROAD5	5	606547.8	4201328.22	0.13631	78.98	78.98	0	ANNUAL	ROAD6	5	605767.9	4201752.3	6.48025	97.23	105.98	0	ANNUAL	ROAD6	5
ROAD3	5	606567.8	4201328.22	0.06026	78.36	78.36	0	ANNUAL	ROAD4	5	606567.8	4201328.22	0.13355	78.36	78.36	0	ANNUAL	ROAD5	5	606567.8	4201328.22	0.13215	78.36	78.36	0	ANNUAL	ROAD6	5	605764.55	4201731.52	7.04557	95.04	113.71	0	ANNUAL	ROAD6	5
ROAD3	5	606587.8	4201328.22	0.06239	77.62	77.62	0	ANNUAL	ROAD4	5	606587.8	4201328.22	0.12955	77.62	77.62	0	ANNUAL	ROAD5	5	606587.8	4201328.22	0.12815	77.62	77.62	0	ANNUAL	ROAD6	5	605796.06	4201826.04	4.18473	96.46	106.28	0	ANNUAL	ROAD6	5
ROAD3	5	606607.8	4201328.22	0.06459	77.02	77.02	0	ANNUAL	ROAD4	5	606607.8	4201328.22	0.12569	77.02	77.02	0	ANNUAL	ROAD5	5	606607.8	4201328.22	0.1243	77.02	77.02	0	ANNUAL	ROAD6	5	605830.25	4201806.6	2.89517	100.57	106.28	0	ANNUAL	ROAD6	5
ROAD3	5	606627.8	4201328.22	0.0668	76.69	76.69	0	ANNUAL	ROAD4	5	606627.8	4201328.22	0.122	76.69	76.69	0	ANNUAL	ROAD5	5	606627.8	4201328.22	0.12061	76.69	76.69	0	ANNUAL	ROAD6	5	605842.32	4201838.78	2.62222	95.16	106.46	0	ANNUAL	ROAD6	5
ROAD3	5	606647.8	4201328.22	0.06904	76.64	76.64	0	ANNUAL	ROAD4	5	606647.8	4201328.22	0.11846	76.64	76.64	0	ANNUAL	ROAD5	5	606647.8	4201328.22	0.11709	76.64	76.64	0	ANNUAL	ROAD6	5	605873.15	4201846.82	2.04993	94.12	106.46	0	ANNUAL	ROAD6	5
ROAD3	5	606667.8	4201328.22	0.07142	76.62	76.62	0	ANNUAL	ROAD4	5	606667.8	4201328.22	0.11506	76.62	76.62	0	ANNUAL	ROAD5	5	606667.8	4201328.22	0.1137	76.62	76.62	0	ANNUAL	ROAD6	5	605893.94	4201834.09	1.78018	95.61	106.46	0	ANNUAL	ROAD6	5
ROAD3	5	606687.8	4201328.22	0.07398	76.61	76.61	0	ANNUAL	ROAD4	5	606687.8	4201328.22	0.11178	76.61	76.61	0	ANNUAL	ROAD5	5	606687.8	4201328.22	0.11044	76.61	76.61	0	ANNUAL	ROAD6	5	605889.24	4201803.25	1.81975	101.69	106.46	0	ANNUAL	ROAD6	5
ROAD3	5	606707.8	4201328.22	0.07667	76.7	76.7	0	ANNUAL	ROAD4	5	606707.8	4201328.22	0.10863	76.7	76.7	0	ANNUAL	ROAD5	5	606707.8	4201328.22	0.1073	76.7	76.7	0	ANNUAL	ROAD6	5	605926.78	4201793.19	1.40368	105.75	106.18	0	ANNUAL	ROAD6	5
ROAD3	5	606727.8	4201328.22	0.07974	76.52	76.52	0	ANNUAL	ROAD4	5	606727.8	4201328.22	0.10555	76.52	76.52	0	ANNUAL	ROAD5	5	606727.8	4201328.22	0.10424	76.52	76.52	0	ANNUAL	ROAD6	5	605928.13	4201818.67	1.42283	99.85	106.46	0	ANNUAL	ROAD6	5
ROAD3	5	606747.8	4201328.22	0.08304	76.33	76.33	0	ANNUAL	ROAD4	5	606747.8	4201328.22	0.10259	76.33	76.33	0	ANNUAL	ROAD5	5	606747.8	4201328.22	0.1013	76.33	76.33	0	ANNUAL	ROAD6	5	605949.58	4201844.81	1.24629	96.1	106.46	0	ANNUAL	ROAD6	5
ROAD3	5	606767.8	4201328.22	0.08666	76.05	76.05	0	ANNUAL	ROAD4	5	606767.8	4201328.22	0.09972	76.05	76.05	0	ANNUAL	ROAD5	5	606767.8	4201328.22	0.09845	76.05	76.05	0	ANNUAL	ROAD6	5	605978.4	4201840.12	1.05828	98.46	106.18	0	ANNUAL	ROAD6	5
ROAD3	5	606787.8	4201328.22	0.09046	75.91	75.91	0	ANNUAL	ROAD4	5	606787.8	4201328.22	0.09696	75.91	75.91	0	ANNUAL	ROAD5	5	606787.8	4201328.22	0.09571	75.91	75.91	0	ANNUAL	ROAD6	5	605990.47	4201806.6	0.98901	105.29	105.29	0	ANNUAL	ROAD6	5
ROAD3	5	606807.8	4201328.22	0.09448	75.86	75.86	0	ANNUAL	ROAD4	5	606807.8	4201328.22	0.09431	75.86	75.86	0	ANNUAL	ROAD5	5	606807.8	4201328.22	0.09308	75.86	75.86	0	ANNUAL	ROAD6	5	605993.15	4201787.83	0.9906	104.99	104.99	0	ANNUAL	ROAD6	5
ROAD3	5	606827.8	4201328.22	0.09893	75.73	75.73	0	ANNUAL	ROAD4	5	606827.8	4201328.22	0.09174	75.73	75.73	0	ANNUAL	ROAD5	5	606827.8	4201328.22	0.09053	75.73	75.73	0	ANNUAL	ROAD6	5	606028.68	4201785.15	0.83683	104.88	104.88	0	ANNUAL	ROAD6	5
ROAD3	5	606847.8	4201328.22	0.10429	75.54	75.54	0	ANNUAL	ROAD4	5	606847.8	4201328.22	0.08926	75.54	75.54	0	ANNUAL	ROAD5	5	606847.8	4201328.22	0.08807	75.54	75.54	0	ANNUAL	ROAD6	5	606028.01	4201804.59	0.82253	105.97	105.97	0	ANNUAL	ROAD6	5
ROAD3	5	606867.8	4201328.22	0.10968	75.34	75.34	0	ANNUAL	ROAD4	5	606867.8	4201328.22	0.08686	75.34	75.34	0	ANNUAL	ROAD5	5	606867.8	4201328.22	0.08569	75.34	75.34	0	ANNUAL	ROAD6	5	606042.76	4201830.73	0.76595	101.61	106.04	0	ANNUAL	ROAD6	5
ROAD3	5	606887.8	4201328.22	0.11544	75.1	75.1	0	ANNUAL	ROAD4	5	606887.8	4201328.22	0.08454	75.1	75.1	0	ANNUAL	ROAD5	5	606887.8	4201328.22	0.08339	75.1	75.1	0	ANNUAL	ROAD6	5	606077.62	4201831.4	0.65237	102.3	106.07	0	ANNUAL	ROAD6	5
ROAD3	5	606907.8	4201328.22	0.12173	74.91	74.91	0	ANNUAL	ROAD4	5	606907.8	4201328.22	0.0823	74.91	74.91	0	ANNUAL	ROAD5	5	606907.8	4201328.22	0.08118	74.91	74.91	0	ANNUAL	ROAD6	5	606090.36	4201797.89	0.62961	105.62	105.62	0	ANNUAL	ROAD6	5
ROAD3	5	606927.8	4201328.22	0.12886	74.66	74.66	0	ANNUAL	ROAD4	5	606927.8	4201328.22	0.08014	74.66	74.66	0	ANNUAL	ROAD5	5	606927.8	4201328.22	0.07904	74.66	74.66	0	ANNUAL	ROAD6	5	606085.67	4201779.79	0.65358	104.77	104.77	0	ANNUAL	ROAD6	5
ROAD3	5	606947.8	4201328.22	0.137	74.35	74.35	0	ANNUAL	ROAD4	5	606947.8	4201328.22	0.07804	74.35	74.35	0	ANNUAL	ROAD5	5	606947.8	4201328.22	0.07696	74.35	74.35	0	ANNUAL	ROAD6	5	606133.93	4201786.49	0.53717	103.9	103.9	0	ANNUAL	ROAD6	5
ROAD3	5	606967.8	4201328.22	0.14612	74.03	74.03	0	ANNUAL	ROAD4	5	606967.8	4201328.22	0.07602	74.03	74.03	0	ANNUAL	ROAD5	5	606967.8	4201328.22	0.07496	74.03	74.03	0	ANNUAL	ROAD6	5	606130.58	4201805.26	0.5328	105.08	105.08	0	ANNUAL	ROAD6	5
ROAD3	5	606987.8	4201328.22	0.15657	73.72	73.72	0	ANNUAL	ROAD4	5	606987.8	4201328.22	0.07406	73.72	73.72	0	ANNUAL	ROAD5	5	606987.8	4201328.22	0.07303	73.72	73.72	0	ANNUAL	ROAD6	5	606129.91	4201828.72	0.51907	105.71	105.71	0	ANNUAL	ROAD6	5
ROAD3	5	607007.8	4201328.22	0.16859	73.32	73.32	0	ANNUAL	ROAD4	5	607007.8	4201328.22	0.07217	73.32	73.32	0	ANNUAL	ROAD5	5	607007.8	4201328.22	0.07116	73.32	73.32	0	ANNUAL	ROAD6	5	606143.99	4201858.89	0.48174	100.6	106.01	0	ANNUAL	ROAD6	5
ROAD3	5	607027.8	4201328.22	0.18242	72.92	72.92	0	ANNUAL	ROAD4	5	607027.8	4201328.22	0.07034	72.92	72.92	0	ANNUAL	ROAD5	5	607027.8	4201328.22	0.06935	72.92	72.92	0	ANNUAL	ROAD6	5	606166.11	4201859.56	0.4385	102.76	106	0	ANNUAL	ROAD6	5
ROAD3	5	607047.8	4201328.22	0.19799	72.83	72.83	0	ANNUAL	ROAD4	5	607047.8	4201328.22	0.06859	72.83	72.83	0	ANNUAL	ROAD5	5	607047.8	4201328.22	0.06762	72.83	72.83	0	ANNUAL	ROAD6	5	606186.89	4201842.13	0.41226	105.31	105.31	0	ANNUAL	ROAD6	5
ROAD3	5	607067.8	4201328.22	0.21661	72.55	72.55	0	ANNUAL	ROAD4	5	607067.8	4201328.22	0.06688	72.55	72.55	0	ANNUAL	ROAD5	5	607067.8	4201328.22	0.06594	72.55	72.55	0	ANNUAL	ROAD6	5	606182.87	4201815.32	0.43713	102.38	105.99	0	ANNUAL	ROAD6	5
ROAD3	5	607087.8	4201328.22	0.23923	72.13	72.13	0	ANNUAL	ROAD4	5	607087.8	4201328.22	0.06523	72.13	72.13	0	ANNUAL	ROAD5	5	607087.8	4201328.22	0.06431	72.13	72.13	0	ANNUAL	ROAD6	5	606182.87	4201797.22	0.44795	100.46	106	0	ANNUAL	ROAD6	5
ROAD3	5	607107.8	4201328.22	0.2664	71.77	71.77	0	ANNUAL	ROAD4	5	607107.8	4201328.22	0.06363	71.77	71.77	0	ANNUAL	ROAD5	5	607107.8	4201328.22	0.06273	71.77	71.77	0	ANNUAL	ROAD6	5	606187.56	4201772.41	0.45023	99.4	105.18	0	ANNUAL	ROAD6	5
ROAD3	5	607127.8	4201328.22	0.30028	71.3	71.3	0	ANNUAL	ROAD4	5	607127.8	4201328.22	0.06208	71.3	71.3	0	ANNUAL	ROAD5	5	607127.8	4201328.22	0.0612	71.3	71.3	0	ANNUAL	ROAD6	5	606194.94	4201745.6	0.44644	97.01	104.05	0	ANNUAL	ROAD6	5
ROAD3	5	607147.8	4201328.22	0.34159	70.84	70.84	0	ANNUAL	ROAD4	5	607147.8	4201328.22	0.06058	70.84	70.84	0	ANNUAL	ROAD5	5	607147.8	4201328.22	0.05973	70.84	70.84	0	ANNUAL	ROAD6	5	606202.98	4201718.78	0.43782	92.65	106.01	0	ANNUAL	ROAD6	5
ROAD3	5	607167.8	4201328.22	0.39253	70.46	70.46	0	ANNUAL	ROAD4	5	607167.8	4201328.22	0.05914	70.46	70.46	0	ANNUAL	ROAD5	5	607167.8	4201328.22	0.0583	70.46	70.46	0	ANNUAL	ROAD6	5	606207.68	4201693.98	0.4296	88.69	106.07	0	ANNUAL	ROAD6	5
ROAD3	5	607187.8	4201328.22	0.45782	70.5	70.5	0	ANNUAL	ROAD4	5	607187.8	4201328.22	0.05776	70.5	70.5	0	ANNUAL	ROAD5	5	607187.8	4201328.22	0.05694	70.5	70.5	0	ANNUAL	ROAD6	5	605820.86	4201768.39	3.14885	103.64	105.22	0	ANNUAL	ROAD6	5
ROAD3	5	607207.8	4201328.22	0.5451	70.57	70.57	0	ANNUAL	ROAD4	5	607207.8	4201328.22	0.05642	70.57	70.57	0	ANNUAL	ROAD5	5	607207.8	4201328.22	0.05563	70.57	70.57	0	ANNUAL	ROAD6	5	605848.35	4201757.66	2.46354	104.52	105.83	0	ANNUAL	ROAD6	5
ROAD3	5	607227.8	4201328.22	0.66734	70.45	70.45	0	ANNUAL	ROAD4	5	607227.8	4201328.22	0.05513	70.45	70.45	0	ANNUAL	ROAD5	5	607227.8	4201328.22	0.05435	70.45	70.45	0	ANNUAL	ROAD6	5	605872.48	4201754.31	2.04806	104.78	105.27	0	ANNUAL	ROAD6	5

ROAD3	5	607247.8	4201328.22	0.84844	70.38	70.38	0	ANNUAL
ROAD3	5	607267.8	4201328.22	1.14056	70.35	70.35	0	ANNUAL
ROAD3	5	607287.8	4201328.22	1.67688	70.51	70.51	0	ANNUAL
ROAD3	5	607307.8	4201328.22	2.86435	70.55	70.55	0	ANNUAL
ROAD3	5	606527.8	4201348.22	0.05664	79.36	79.36	0	ANNUAL
ROAD3	5	606547.8	4201348.22	0.05861	78.49	78.49	0	ANNUAL
ROAD3	5	606567.8	4201348.22	0.06075	77.47	77.47	0	ANNUAL
ROAD3	5	606587.8	4201348.22	0.0629	76.69	76.69	0	ANNUAL
ROAD3	5	606607.8	4201348.22	0.06509	76.08	76.08	0	ANNUAL
ROAD3	5	606627.8	4201348.22	0.06728	75.84	75.84	0	ANNUAL
ROAD3	5	606647.8	4201348.22	0.06949	75.84	75.84	0	ANNUAL
ROAD3	5	606667.8	4201348.22	0.07185	75.88	75.88	0	ANNUAL
ROAD3	5	606687.8	4201348.22	0.07438	75.91	75.91	0	ANNUAL
ROAD3	5	606707.8	4201348.22	0.07699	76.14	76.14	0	ANNUAL
ROAD3	5	606727.8	4201348.22	0.07984	76.29	76.29	0	ANNUAL
ROAD3	5	606747.8	4201348.22	0.08298	76.34	76.34	0	ANNUAL
ROAD3	5	606767.8	4201348.22	0.0866	76.03	76.03	0	ANNUAL
ROAD3	5	606787.8	4201348.22	0.09043	75.81	75.81	0	ANNUAL
ROAD3	5	606807.8	4201348.22	0.0951	75.54	75.54	0	ANNUAL
ROAD3	5	606827.8	4201348.22	0.09941	75.54	75.54	0	ANNUAL
ROAD3	5	606847.8	4201348.22	0.1042	75.49	75.49	0	ANNUAL
ROAD3	5	606867.8	4201348.22	0.1095	75.31	75.31	0	ANNUAL
ROAD3	5	606887.8	4201348.22	0.11528	75.11	75.11	0	ANNUAL
ROAD3	5	606907.8	4201348.22	0.12153	74.95	74.95	0	ANNUAL
ROAD3	5	606927.8	4201348.22	0.12863	74.72	74.72	0	ANNUAL
ROAD3	5	606947.8	4201348.22	0.1366	74.48	74.48	0	ANNUAL
ROAD3	5	606967.8	4201348.22	0.14567	74.18	74.18	0	ANNUAL
ROAD3	5	606987.8	4201348.22	0.15573	73.94	73.94	0	ANNUAL
ROAD3	5	607007.8	4201348.22	0.16757	73.6	73.6	0	ANNUAL
ROAD3	5	607027.8	4201348.22	0.18158	72.96	72.96	0	ANNUAL
ROAD3	5	607047.8	4201348.22	0.19724	72.7	72.7	0	ANNUAL
ROAD3	5	607067.8	4201348.22	0.21633	72.16	72.16	0	ANNUAL
ROAD3	5	607087.8	4201348.22	0.23917	71.71	71.71	0	ANNUAL
ROAD3	5	607107.8	4201348.22	0.26683	71.28	71.28	0	ANNUAL
ROAD3	5	607127.8	4201348.22	0.30036	70.68	70.68	0	ANNUAL
ROAD3	5	607147.8	4201348.22	0.34048	70.29	70.29	0	ANNUAL
ROAD3	5	607167.8	4201348.22	0.3908	70	70	0	ANNUAL
ROAD3	5	607187.8	4201348.22	0.45569	69.94	69.94	0	ANNUAL
ROAD3	5	607207.8	4201348.22	0.54242	70.08	70.08	0	ANNUAL
ROAD3	5	607227.8	4201348.22	0.66373	70.1	70.1	0	ANNUAL
ROAD3	5	607247.8	4201348.22	0.84369	70.04	70.04	0	ANNUAL
ROAD3	5	607267.8	4201348.22	1.13428	70.09	70.09	0	ANNUAL
ROAD3	5	607287.8	4201348.22	1.6688	70.33	70.33	0	ANNUAL
ROAD3	5	607307.8	4201348.22	2.85457	70.42	70.42	0	ANNUAL
ROAD3	5	606527.8	4201368.22	0.05714	78.48	78.71	0	ANNUAL
ROAD3	5	606547.8	4201368.22	0.05933	77.1	78.85	0	ANNUAL
ROAD3	5	606567.8	4201368.22	0.0614	76.21	76.21	0	ANNUAL
ROAD3	5	606587.8	4201368.22	0.06349	75.7	75.7	0	ANNUAL
ROAD3	5	606607.8	4201368.22	0.06589	75.28	75.28	0	ANNUAL
ROAD3	5	606627.8	4201368.22	0.06816	74.86	74.86	0	ANNUAL
ROAD3	5	606647.8	4201368.22	0.07044	74.74	74.74	0	ANNUAL
ROAD3	5	606667.8	4201368.22	0.07279	74.88	74.88	0	ANNUAL
ROAD3	5	606687.8	4201368.22	0.07529	75.09	75.09	0	ANNUAL
ROAD3	5	606707.8	4201368.22	0.07789	75.35	75.35	0	ANNUAL
ROAD3	5	606727.8	4201368.22	0.0801	75.84	75.84	0	ANNUAL
ROAD3	5	606747.8	4201368.22	0.08304	76.15	76.15	0	ANNUAL
ROAD3	5	606767.8	4201368.22	0.08649	76.05	76.05	0	ANNUAL
ROAD3	5	606787.8	4201368.22	0.09056	75.67	75.67	0	ANNUAL
ROAD3	5	606807.8	4201368.22	0.09512	75.42	75.42	0	ANNUAL
ROAD3	5	606827.8	4201368.22	0.09948	75.35	75.35	0	ANNUAL
ROAD3	5	606847.8	4201368.22	0.10429	75.2	75.2	0	ANNUAL
ROAD3	5	606867.8	4201368.22	0.10946	75.08	75.08	0	ANNUAL
ROAD3	5	606887.8	4201368.22	0.1151	74.9	74.9	0	ANNUAL
ROAD3	5	606907.8	4201368.22	0.12139	74.76	74.76	0	ANNUAL
ROAD3	5	606927.8	4201368.22	0.12837	74.6	74.6	0	ANNUAL
ROAD3	5	606947.8	4201368.22	0.13624	74.43	74.43	0	ANNUAL
ROAD3	5	606967.8	4201368.22	0.1449	74.37	74.37	0	ANNUAL
ROAD3	5	606987.8	4201368.22	0.1549	74.07	74.07	0	ANNUAL
ROAD3	5	607007.8	4201368.22	0.1664	73.83	73.83	0	ANNUAL
ROAD3	5	607027.8	4201368.22	0.18056	72.97	72.97	0	ANNUAL
ROAD3	5	607047.8	4201368.22	0.19646	72.38	72.38	0	ANNUAL
ROAD3	5	607067.8	4201368.22	0.21635	71.52	71.52	0	ANNUAL
ROAD3	5	607087.8	4201368.22	0.23957	70.89	70.89	0	ANNUAL
ROAD3	5	607107.8	4201368.22	0.26604	70.61	70.61	0	ANNUAL
ROAD3	5	607127.8	4201368.22	0.29812	70.28	70.28	0	ANNUAL
ROAD3	5	607147.8	4201368.22	0.33757	69.85	69.85	0	ANNUAL
ROAD3	5	607167.8	4201368.22	0.38689	69.5	69.5	0	ANNUAL
ROAD3	5	607187.8	4201368.22	0.45036	69.28	69.28	0	ANNUAL
ROAD3	5	607207.8	4201368.22	0.53516	69.39	69.39	0	ANNUAL
ROAD3	5	607227.8	4201368.22	0.65371	69.58	69.58	0	ANNUAL
ROAD3	5	607247.8	4201368.22	0.82928	69.65	69.65	0	ANNUAL
ROAD3	5	607267.8	4201368.22	1.11208	69.7	69.7	0	ANNUAL
ROAD3	5	607287.8	4201368.22	1.6324	70.02	70.02	0	ANNUAL
ROAD3	5	607307.8	4201368.22	2.78616	70.27	70.27	0	ANNUAL
ROAD3	5	606527.8	4201388.22	0.05847	75.7	81.06	0	ANNUAL
ROAD3	5	606547.8	4201388.22	0.06067	74.88	80.41	0	ANNUAL
ROAD3	5	606567.8	4201388.22	0.06254	74.43	74.43	0	ANNUAL
ROAD3	5	606587.8	4201388.22	0.06439	74.41	74.41	0	ANNUAL
ROAD3	5	606607.8	4201388.22	0.06635	74.42	74.42	0	ANNUAL
ROAD3	5	606627.8	4201388.22	0.0685	74.25	74.25	0	ANNUAL
ROAD3	5	606647.8	4201388.22	0.07077	74.16	74.16	0	ANNUAL
ROAD3	5	606667.8	4201388.22	0.07317	74.07	74.07	0	ANNUAL
ROAD3	5	606687.8	4201388.22	0.07575	74.15	74.15	0	ANNUAL
ROAD3	5	606707.8	4201388.22	0.07843	74.39	74.39	0	ANNUAL
ROAD3	5	606727.8	4201388.22	0.08117	74.91	74.91	0	ANNUAL
ROAD3	5	606747.8	4201388.22	0.08325	75.77	75.77	0	ANNUAL
ROAD3	5	606767.8	4201388.22	0.08653	75.89	75.89	0	ANNUAL
ROAD3	5	606787.8	4201388.22	0.09096	75.47	75.47	0	ANNUAL
ROAD3	5	606807.8	4201388.22	0.09503	75.36	75.36	0	ANNUAL
ROAD3	5	606827.8	4201388.22	0.09947	75.2	75.2	0	ANNUAL
ROAD3	5	606847.8	4201388.22	0.10429	74.97	74.97	0	ANNUAL
ROAD3	5	606867.8	4201388.22	0.1095	74.72	74.72	0	ANNUAL
ROAD3	5	606887.8	4201388.22	0.11515	74.55	74.55	0	ANNUAL
ROAD3	5	606907.8	4201388.22	0.12136	74.39	74.39	0	ANNUAL
ROAD3	5	606927.8	4201388.22	0.12822	74.31	74.31	0	ANNUAL
ROAD3	5	606947.8	4201388.22	0.13588	74.26	74.26	0	ANNUAL
ROAD3	5	606967.8	4201388.22	0.14442	74.26	74.26	0	ANNUAL
ROAD3	5	606987.8	4201388.22	0.15418	74.18	74.18	0	ANNUAL
ROAD3	5	607007.8	4201388.22	0.16543	73.82	73.82	0	ANNUAL
ROAD3	5	607027.8	4201388.22	0.18022	72.26	72.99	0	ANNUAL
ROAD3	5	607047.8	4201388.22	0.19676	71.49	71.49	0	ANNUAL
ROAD3	5	607067.8	4201388.22	0.21624	70.64	70.64	0	ANNUAL
ROAD3	5	607087.8	4201388.22	0.23814	70.16	70.16	0	ANNUAL
ROAD3	5	607107.8	4201388.22	0.26391	69.95	69.95	0	ANNUAL
ROAD3	5	607127.8	4201388.22	0.29508	69.73	69.73	0	ANNUAL
ROAD3	5	607147.8	4201388.22	0.33339	69.39	69.39	0	ANNUAL
ROAD3	5	607167.8	4201388.22	0.38127	69.05	69.05	0	ANNUAL
ROAD3	5	607187.8	4201388.22	0.44261	68.79	68.79	0	ANNUAL
ROAD3	5	607207.8	4201388.22	0.52396	68.61	68.61	0	ANNUAL
ROAD3	5	607227.8	4201388.22	0.63756	68.9	68.9	0	ANNUAL
ROAD3	5	607247.8	4201388.22	0.80433	69.03	69.03	0	ANNUAL
ROAD3	5	607267.8	4201388.22	1.07164	69.31	69.31	0	ANNUAL
ROAD3	5	607287.8	4201388.22	1.55898	69.81	69.81	0	ANNUAL
ROAD3	5	607307.8	4201388.22	2.62369	70.05	70.05	0	ANNUAL
ROAD3	5	606527.8	4201408.22	0.05958	73.29	95.77	0	ANNUAL
ROAD3	5	606547.8	4201408.22	0.06121	73.49	95.77	0	ANNUAL
ROAD3	5	606567.8	4201408.22	0.0629	73.71	93.18	0	ANNUAL
ROAD3	5	606587.8	4201408.22	0.06468	73.99	73.99	0	ANNUAL
ROAD3	5	606607.8	4201408.22	0.06665	73.95	73.95	0	ANNUAL
ROAD3	5	606627.8	4201408.22	0.06881	73.72	73.72	0	ANNUAL
ROAD3	5	606647.8	4201408.22	0.07112	73.49	73.49	0	ANNUAL
ROAD3	5	606667.8	4201408.22	0.07348	73.59	73.59	0	ANNUAL
ROAD3	5	606687.8	4201408.22	0.07598	73.8	73.8	0	ANNUAL
ROAD3	5	606707.8	4201408.22	0.0787	73.9	73.9	0	ANNUAL
ROAD3	5	606727.8	4201408.22	0.08159	74.12	74.12	0	ANNUAL
ROAD3	5	606747.8	4201408.22	0.08454	74.63	74.63	0	ANNUAL
ROAD3	5	606767.8	4201408.22	0.08732	75.4	75.4	0	ANNUAL
ROAD3	5	606787.8	4201408.22	0.09126	75.1	75.1	0	ANNUAL
ROAD3	5	606807.8	4201408.22	0.09486	75.4	75.4	0	ANNUAL
ROAD3	5	606827.8	4201408.22	0.09944	75.05	75.05	0	ANNUAL
ROAD3	5	606847.8	4201408.22	0.10427	74.8	74.8	0	ANNUAL
ROAD3	5	606867.8	4201408.22	0.10945	74.56	74.56	0	ANNUAL
ROAD3	5	606887.8	4201408.22	0.11511	74.31	74.31	0	ANNUAL
ROAD3	5	606907.8	4201408.22	0.12126	74.15	74.15	0	ANNUAL
ROAD3	5	606927.8	4201408.22	0.1283	73.63	73.63	0	ANNUAL
ROAD3	5	606947.8	4201408.22	0.13587	73.58	74.15	0	ANNUAL
ROAD3	5	606967.8	4201408.22	0.14437	73.54	74.14	0	ANNUAL
ROAD3	5	606987.8	4201408.22	0.15406	73.4	74.17	0	ANNUAL
ROAD3	5	607007.8	4201408.22	0.16638	72.14	74.15	0	ANNUAL
ROAD3	5	607027.8	4201408.22	0.18183	70.29	74.15	0	ANNUAL
ROAD3	5	607047.8	4201408.22	0.19737	69.79	70.22	0	ANNUAL
ROAD3	5	607067.8	4201408.22	0.21532	69.44	69.44	0	ANNUAL
ROAD3	5	607087.8	4201408.22	0.23639	69.17	69.17	0	ANNUAL
ROAD3	5	607107.8	4201408.22	0.26136	69.09	69.09	0	ANNUAL
ROAD3	5	607127.8	4201408.22	0.29147	69.06	69.06	0	ANNUAL
ROAD3	5	607147.8	4201408.22	0.32842	68.88	68.88	0	ANNUAL
ROAD3	5	607167.8	4201408.22	0.37448	68.65	68.65	0	ANNUAL
ROAD3	5	607187.8	4201408.22	0.43334	68.39	68.39	0	ANNUAL
ROAD3	5	607207.8	4201408.22	0.51085	68.18	68.18	0	ANNUAL
ROAD3	5	607227.8	4201408.22	0.61753	68.16	68.16	0	ANNUAL
ROAD3	5	607247.8	4201408.22	0.77329	68.4	68.4	0	ANNUAL
ROAD3	5	607267.8	4201408.22	1.02084	69.09	69.09	0	ANNUAL
ROAD3	5	607287.8	4201408.22	1.45686	69.64	69.64	0	ANNUAL
ROAD3	5	607307.8	4201408.22	2.36873	69.91	69.91	0	ANNUAL
ROAD3	5	606533.18	4201421.18	0.06018	72.86	95.88	0	ANNUAL
ROAD3	5	606553.18	4201421.18	0.0618	73.53	95.77	0	ANNUAL
ROAD3	5	606573.18	4201421.18	0.06352	73.7	94.24	0	ANNUAL
ROAD3	5	606593.18	4201421.18	0.06533	73.97	93.41	0	ANNUAL
ROAD3	5	606613.18	4201421.18	0.06731	74	74	0	ANNUAL
ROAD3	5	606633.18	4201421.18	0.06956	73.61	73.61	0	ANNUAL
ROAD3	5	606653.18	4201421.18	0.072	73.04	73.04	0	ANNUAL
ROAD3	5	606673.18	4201421.18	0.07445	73.01	73.01	0	ANNUAL
ROAD3	5	606693.18	4201421.18	0.07694	73.4	73.4	0	ANNUAL
ROAD3	5	606713.18	4201421.18	0.07971	73.55	73.55	0	ANNUAL
ROAD3	5	606727.8	4201423.25	0.08185	73.67	73.67	0	ANNUAL
ROAD3	5	606747.8	4201423.25	0.08488	74.04	74.04	0	ANNUAL
ROAD3	5	606767.8	4201423.25	0.08798	74.6	74.6	0	ANNUAL
ROAD3	5	606787.8	4201423.25	0.09149	74.8	74.8	0	ANNUAL
ROAD3	5	606807.8	4201423.25	0.09472	75.43	75.43	0	ANNUAL
ROAD3	5	606827.8	4201428.22	0.0991	75.24	75.24	0	ANNUAL
ROAD3	5	606847.8	4201428.22	0.10415	74.78	74.78	0	ANNUAL
ROAD3	5	606867.8	4201428.22	0.10928	74.56	74.56	0	ANNUAL
ROAD3	5	606887.8	4201428.22	0.11493	74.28	74.28	0	ANNUAL
ROAD3	5	606907.8	4201428.22	0.12174	73.23	74.22	0	ANNUAL
ROAD3	5	606927.8	4201428.22	0.12945	71.65	74.14	0	ANNUAL
ROAD3	5	606947.8	4201428.22	0.13775	70.99	74.15	0	ANNUAL
ROAD3	5	606967.8	4201428.22	0.14661	70.65	74.23	0	ANNUAL
ROAD3	5	606987.8	4201428.22	0.15689	69.97	74.23	0	ANNUAL
ROAD3	5	607007.8	4201428.22	0.16871	68.89	74.28	0	ANNUAL
ROAD3	5	607027.8	4201428.22	0.18183	68.08	74.2	0	ANNUAL
ROAD3	5	607047.8	4201428.22	0.19668	67.98	74.15	0	ANNUAL
ROAD3	5	607067.8	4201428.22	0.21395	68.2	68.2	0	ANNUAL
ROAD3	5	607087.8	4201428.22	0.23428	68.26	68.26	0	ANNUAL
ROAD3	5	607107.8	4201428.22	0.25845	68.27	68.27	0	ANNUAL
ROAD3	5	607127.8	4201428.22	0.28749	68.37	68.37	0	ANNUAL
ROAD3	5	607147.8	4201428.22	0.32299	68.41	68.41	0	ANNUAL
ROAD3	5	607167.8	4201428.22	0.36716	68.27	68.27	0	ANNUAL
ROAD3	5	607187.8	4201428.22	0.42328	67.97	67.97	0	ANNUAL
ROAD3	5	607207.8	4201428.22	0.49668	67.76	67.76	0	ANNUAL
ROAD3	5	607227.8	4201428.22	0.59667	67.68	67.68	0	ANNUAL
ROAD3	5	607247.8	4201428.22	0.74188	68.12	68.12	0	ANNUAL
ROAD3	5	607267.8	4201428.22	0.96824	69.16	69.16	0	ANNUAL
ROAD3	5	607287.8	4201428.22	1.35098	69.46	69.46	0	ANNUAL
ROAD3	5	607307.8	4201428.22	2.11236	69.8	69.8	0	ANNUAL
ROAD3	5	606357.31	4200991.9	0.04193	76.62	76.62	0	ANNUAL
ROAD3	5	606373.3	4200990.76	0.04261	76.28	76.28	0	ANNUAL
ROAD3	5	606393.3	4200990.76	0.04351	76.23	76.23	0	ANNUAL
ROAD3	5	606413.3	4200990.76	0.04446	76.18	76.18	0	ANNUAL
ROAD3	5	606433.3	4200990.76	0.04545	76.06	76.06	0	ANNUAL
ROAD3	5	606453.3	4200990.76	0.04649	75.87	75.87	0	ANNUAL
ROAD3	5	606473.3	4200990.76	0.04752	75.69	75.69	0	ANNUAL
ROAD3	5	606493.3	4200990.76	0.04822	75.53	75.53	0	ANNUAL
ROAD3	5	606513.3	4200990.76	0.0494	75.47	75.47	0	ANNUAL
ROAD3	5	606355.59	4201005.6	0.0422	77.52	77.52	0	ANNUAL
ROAD3	5	606375.59	4201005.6	0.04313	77.14	77.14	0	ANNUAL
ROAD3	5	606393.3	4201010.76	0.04412	77.18	77.18	0	ANNUAL
ROAD3	5	606413.3	4201010.76	0.04512	76.93	76.93	0	ANNUAL
ROAD3	5	606433.3	4201010.76	0.04618	76.64	76.64	0	ANNUAL
ROAD3	5	606453.3	4201010.76	0.04727	76.39	76.39	0	ANNUAL
ROAD3	5	606473.3	4201010.76	0.04842	76.14	76.14	0	ANNUAL
ROAD3	5	606493.3	4201010.76	0.04961	76.03	76.03	0	ANNUAL
ROAD3	5	606513.3	4201010.76	0.05085	76.02	76.02	0	ANNUAL
ROAD3	5	606320.15	4201003.05	0.0405	78.67	78.67	0	ANNUAL
ROAD3	5	606340.15	4201003.05	0.04141	77.96	77.96	0	ANNUAL

** CONCUNIT ug /m^3
** DEPUNIT g/m ^2

ROAD4	5	607247.8	4201328.22	0.05387	70.38	70.38	0	ANNUAL
ROAD4	5	607267.8	4201328.22	0.05266	70.35	70.35	0	ANNUAL
ROAD4	5	607287.8	4201328.22	0.05149	70.51	70.51	0	ANNUAL
ROAD4	5	607307.8	4201328.22	0.05035	70.55	70.55	0	ANNUAL
ROAD4	5	606527.8	4201348.22	0.14657	79.36	79.36	0	ANNUAL
ROAD4	5	606547.8	4201348.22	0.1419	78.49	78.49	0	ANNUAL
ROAD4	5	606567.8	4201348.22	0.13739	77.47	77.47	0	ANNUAL
ROAD4	5	606587.8	4201348.22	0.13307	76.69	76.69	0	ANNUAL
ROAD4	5	606607.8	4201348.22	0.12892	76.08	76.08	0	ANNUAL
ROAD4	5	606627.8	4201348.22	0.12499	75.84	75.84	0	ANNUAL
ROAD4	5	606647.8	4201348.22	0.12124	75.84	75.84	0	ANNUAL
ROAD4	5	606667.8	4201348.22	0.11764	75.88	75.88	0	ANNUAL
ROAD4	5	606687.8	4201348.22	0.11416	75.91	75.91	0	ANNUAL
ROAD4	5	606707.8	4201348.22	0.11084	76.14	76.14	0	ANNUAL
ROAD4	5	606727.8	4201348.22	0.10763	76.29	76.29	0	ANNUAL
ROAD4	5	606747.8	4201348.22	0.10453	76.34	76.34	0	ANNUAL
ROAD4	5	606767.8	4201348.22	0.10151	76.03	76.03	0	ANNUAL
ROAD4	5	606787.8	4201348.22	0.09861	75.81	75.81	0	ANNUAL
ROAD4	5	606807.8	4201348.22	0.09581	75.54	75.54	0	ANNUAL
ROAD4	5	606827.8	4201348.22	0.09314	75.54	75.54	0	ANNUAL
ROAD4	5	606847.8	4201348.22	0.09055	75.49	75.49	0	ANNUAL
ROAD4	5	606867.8	4201348.22	0.08805	75.31	75.31	0	ANNUAL
ROAD4	5	606887.8	4201348.22	0.08564	75.11	75.11	0	ANNUAL
ROAD4	5	606907.8	4201348.22	0.08332	74.95	74.95	0	ANNUAL
ROAD4	5	606927.8	4201348.22	0.08107	74.72	74.72	0	ANNUAL
ROAD4	5	606947.8	4201348.22	0.07891	74.48	74.48	0	ANNUAL
ROAD4	5	606967.8	4201348.22	0.07681	74.18	74.18	0	ANNUAL
ROAD4	5	606987.8	4201348.22	0.0748	73.94	73.94	0	ANNUAL
ROAD4	5	607007.8	4201348.22	0.07284	73.6	73.6	0	ANNUAL
ROAD4	5	607027.8	4201348.22	0.07094	72.96	72.96	0	ANNUAL
ROAD4	5	607047.8	4201348.22	0.06913	72.7	72.7	0	ANNUAL
ROAD4	5	607067.8	4201348.22	0.06736	72.16	72.16	0	ANNUAL
ROAD4	5	607087.8	4201348.22	0.06566	71.71	71.71	0	ANNUAL
ROAD4	5	607107.8	4201348.22	0.06402	71.28	71.28	0	ANNUAL
ROAD4	5	607127.8	4201348.22	0.06243	70.68	70.68	0	ANNUAL
ROAD4	5	607147.8	4201348.22	0.0609	70.29	70.29	0	ANNUAL
ROAD4	5	607167.8	4201348.22	0.05942	70	70	0	ANNUAL
ROAD4	5	607187.8	4201348.22	0.05801	69.94	69.94	0	ANNUAL
ROAD4	5	607207.8	4201348.22	0.05665	70.08	70.08	0	ANNUAL
ROAD4	5	607227.8	4201348.22	0.05533	70.1	70.1	0	ANNUAL
ROAD4	5	607247.8	4201348.22	0.05406	70.04	70.04	0	ANNUAL
ROAD4	5	607267.8	4201348.22	0.05282	70.09	70.09	0	ANNUAL
ROAD4	5	607287.8	4201348.22	0.05164	70.33	70.33	0	ANNUAL
ROAD4	5	607307.8	4201348.22	0.05048	70.42	70.42	0	ANNUAL
ROAD4	5	606527.8	4201368.22	0.15086	78.48	78.71	0	ANNUAL
ROAD4	5	606547.8	4201368.22	0.14578	77.1	78.85	0	ANNUAL
ROAD4	5	606567.8	4201368.22	0.14094	76.21	76.21	0	ANNUAL
ROAD4	5	606587.8	4201368.22	0.13635	75.7	75.7	0	ANNUAL
ROAD4	5	606607.8	4201368.22	0.13198	75.28	75.28	0	ANNUAL
ROAD4	5	606627.8	4201368.22	0.12778	74.86	74.86	0	ANNUAL
ROAD4	5	606647.8	4201368.22	0.1238	74.74	74.74	0	ANNUAL
ROAD4	5	606667.8	4201368.22	0.12	74.88	74.88	0	ANNUAL
ROAD4	5	606687.8	4201368.22	0.11637	75.09	75.09	0	ANNUAL
ROAD4	5	606707.8	4201368.22	0.11288	75.35	75.35	0	ANNUAL
ROAD4	5	606727.8	4201368.22	0.10954	75.84	75.84	0	ANNUAL
ROAD4	5	606747.8	4201368.22	0.10631	76.15	76.15	0	ANNUAL
ROAD4	5	606767.8	4201368.22	0.10317	76.05	76.05	0	ANNUAL
ROAD4	5	606787.8	4201368.22	0.10012	75.67	75.67	0	ANNUAL
ROAD4	5	606807.8	4201368.22	0.0972	75.42	75.42	0	ANNUAL
ROAD4	5	606827.8	4201368.22	0.09441	75.35	75.35	0	ANNUAL
ROAD4	5	606847.8	4201368.22	0.09171	75.2	75.2	0	ANNUAL
ROAD4	5	606867.8	4201368.22	0.08912	75.08	75.08	0	ANNUAL
ROAD4	5	606887.8	4201368.22	0.08662	74.9	74.9	0	ANNUAL
ROAD4	5	606907.8	4201368.22	0.08422	74.76	74.76	0	ANNUAL
ROAD4	5	606927.8	4201368.22	0.0819	74.6	74.6	0	ANNUAL
ROAD4	5	606947.8	4201368.22	0.07967	74.43	74.43	0	ANNUAL
ROAD4	5	606967.8	4201368.22	0.07752	74.37	74.37	0	ANNUAL
ROAD4	5	606987.8	4201368.22	0.07544	74.07	74.07	0	ANNUAL
ROAD4	5	607007.8	4201368.22	0.07344	73.83	73.83	0	ANNUAL
ROAD4	5	607027.8	4201368.22	0.07147	72.97	72.97	0	ANNUAL
ROAD4	5	607047.8	4201368.22	0.06959	72.38	72.38	0	ANNUAL
ROAD4	5	607067.8	4201368.22	0.06776	71.52	71.52	0	ANNUAL
ROAD4	5	607087.8	4201368.22	0.06601	70.89	70.89	0	ANNUAL
ROAD4	5	607107.8	4201368.22	0.06434	70.61	70.61	0	ANNUAL
ROAD4	5	607127.8	4201368.22	0.06272	70.28	70.28	0	ANNUAL
ROAD4	5	607147.8	4201368.22	0.06116	69.85	69.85	0	ANNUAL
ROAD4	5	607167.8	4201368.22	0.05965	69.5	69.5	0	ANNUAL
ROAD4	5	607187.8	4201368.22	0.0582	69.28	69.28	0	ANNUAL
ROAD4	5	607207.8	4201368.22	0.05682	69.39	69.39	0	ANNUAL
ROAD4	5	607227.8	4201368.22	0.05549	69.58	69.58	0	ANNUAL
ROAD4	5	607247.8	4201368.22	0.05419	69.65	69.65	0	ANNUAL
ROAD4	5	607267.8	4201368.22	0.05294	69.7	69.7	0	ANNUAL
ROAD4	5	607287.8	4201368.22	0.05174	70.02	70.02	0	ANNUAL
ROAD4	5	607307.8	4201368.22	0.05057	70.27	70.27	0	ANNUAL
ROAD4	5	606527.8	4201388.22	0.15458	75.7	81.06	0	ANNUAL
ROAD4	5	606547.8	4201388.22	0.14921	74.88	80.41	0	ANNUAL
ROAD4	5	606567.8	4201388.22	0.14415	74.43	74.43	0	ANNUAL
ROAD4	5	606587.8	4201388.22	0.13938	74.41	74.41	0	ANNUAL
ROAD4	5	606607.8	4201388.22	0.13482	74.42	74.42	0	ANNUAL
ROAD4	5	606627.8	4201388.22	0.13043	74.25	74.25	0	ANNUAL
ROAD4	5	606647.8	4201388.22	0.12623	74.16	74.16	0	ANNUAL
ROAD4	5	606667.8	4201388.22	0.12221	74.07	74.07	0	ANNUAL
ROAD4	5	606687.8	4201388.22	0.11838	74.15	74.15	0	ANNUAL
ROAD4	5	606707.8	4201388.22	0.11472	74.39	74.39	0	ANNUAL
ROAD4	5	606727.8	4201388.22	0.11124	74.91	74.91	0	ANNUAL
ROAD4	5	606747.8	4201388.22	0.10793	75.77	75.77	0	ANNUAL
ROAD4	5	606767.8	4201388.22	0.10467	75.89	75.89	0	ANNUAL
ROAD4	5	606787.8	4201388.22	0.10149	75.47	75.47	0	ANNUAL
ROAD4	5	606807.8	4201388.22	0.09847	75.36	75.36	0	ANNUAL
ROAD4	5	606827.8	4201388.22	0.09556	75.2	75.2	0	ANNUAL
ROAD4	5	606847.8	4201388.22	0.09276	74.97	74.97	0	ANNUAL
ROAD4	5	606867.8	4201388.22	0.09006	74.72	74.72	0	ANNUAL
ROAD4	5	606887.8	4201388.22	0.08748	74.55	74.55	0	ANNUAL
ROAD4	5	606907.8	4201388.22	0.085	74.39	74.39	0	ANNUAL
ROAD4	5	606927.8	4201388.22	0.08261	74.31	74.31	0	ANNUAL
ROAD4	5	606947.8	4201388.22	0.08032	74.26	74.26	0	ANNUAL
ROAD4	5	606967.8	4201388.22	0.07812	74.26	74.26	0	ANNUAL
ROAD4	5	606987.8	4201388.22	0.076	74.18	74.18	0	ANNUAL
ROAD4	5	607007.8	4201388.22	0.07393	73.82	73.82	0	ANNUAL
ROAD4	5	607027.8	4201388.22	0.07187	72.26	72.99	0	ANNUAL
ROAD4	5	607047.8	4201388.22	0.06994	71.49	71.49	0	ANNUAL
ROAD4	5	607067.8	4201388.22	0.06807	70.64	70.64	0	ANNUAL
ROAD4	5	607087.8	4201388.22	0.06629	70.16	70.16	0	ANNUAL
ROAD4	5	607107.8	4201388.22	0.06459	69.95	69.95	0	ANNUAL
ROAD4	5	607127.8	4201388.22	0.06295	69.73	69.73	0	ANNUAL
ROAD4	5	607147.8	4201388.22	0.06136	69.39	69.39	0	ANNUAL
ROAD4	5	607167.8	4201388.22	0.05983	69.05	69.05	0	ANNUAL
ROAD4	5	607187.8	4201388.22	0.05835	68.79	68.79	0	ANNUAL
ROAD4	5	607207.8	4201388.22	0.05693	68.61	68.61	0	ANNUAL
ROAD4	5	607227.8	4201388.22	0.05558	68.9	68.9	0	ANNUAL
ROAD4	5	607247.8	4201388.22	0.05427	69.03	69.03	0	ANNUAL
ROAD4	5	607267.8	4201388.22	0.05301	69.31	69.31	0	ANNUAL
ROAD4	5	607287.8	4201388.22	0.0518	69.81	69.81	0	ANNUAL
ROAD4	5	607307.8	4201388.22	0.05062	70.05	70.05	0	ANNUAL
ROAD4	5	606527.8	4201408.22	0.15797	73.29	95.77	0	ANNUAL
ROAD4	5	606547.8	4201408.22	0.15251	73.49	95.77	0	ANNUAL
ROAD4	5	606567.8	4201408.22	0.14729	73.71	93.18	0	ANNUAL
ROAD4	5	606587.8	4201408.22	0.14231	73.99	73.99	0	ANNUAL
ROAD4	5	606607.8	4201408.22	0.1375	73.95	73.95	0	ANNUAL
ROAD4	5	606627.8	4201408.22	0.13288	73.72	73.72	0	ANNUAL
ROAD4	5	606647.8	4201408.22	0.12845	73.49	73.49	0	ANNUAL
ROAD4	5	606667.8	4201408.22	0.12427	73.59	73.59	0	ANNUAL
ROAD4	5	606687.8	4201408.22	0.12028	73.8	73.8	0	ANNUAL
ROAD4	5	606707.8	4201408.22	0.11645	73.9	73.9	0	ANNUAL
ROAD4	5	606727.8	4201408.22	0.11279	74.12	74.12	0	ANNUAL
ROAD4	5	606747.8	4201408.22	0.10931	74.63	74.63	0	ANNUAL
ROAD4	5	606767.8	4201408.22	0.10599	75.4	75.4	0	ANNUAL
ROAD4	5	606787.8	4201408.22	0.10271	75.1	75.1	0	ANNUAL
ROAD4	5	606807.8	4201408.22	0.09961	75.4	75.4	0	ANNUAL
ROAD4	5	606827.8	4201408.22	0.09658	75.05	75.05	0	ANNUAL
ROAD4	5	606847.8	4201408.22	0.09369	74.8	74.8	0	ANNUAL
ROAD4	5	606867.8	4201408.22	0.09091	74.56	74.56	0	ANNUAL
ROAD4	5	606887.8	4201408.22	0.08824	74.31	74.31	0	ANNUAL
ROAD4	5	606907.8	4201408.22	0.08568	74.15	74.15	0	ANNUAL
ROAD4	5	606927.8	4201408.22	0.0832	73.63	73.63	0	ANNUAL
ROAD4	5	606947.8	4201408.22	0.08085	73.58	74.15	0	ANNUAL
ROAD4	5	606967.8	4201408.22	0.07859	73.54	74.14	0	ANNUAL
ROAD4	5	606987.8	4201408.22	0.07641	73.4	74.17	0	ANNUAL
ROAD4	5	607007.8	4201408.22	0.07424	72.14	74.15	0	ANNUAL
ROAD4	5	607027.8	4201408.22	0.07212	70.29	74.15	0	ANNUAL
ROAD4	5	607047.8	4201408.22	0.07016	69.79	70.22	0	ANNUAL
ROAD4	5	607067.8	4201408.22	0.06829	69.44	69.44	0	ANNUAL
ROAD4	5	607087.8	4201408.22	0.06649	69.17	69.17	0	ANNUAL
ROAD4	5	607107.8	4201408.22	0.06477	69.09	69.09	0	ANNUAL
ROAD4	5	607127.8	4201408.22	0.06311	69.06	69.06	0	ANNUAL
ROAD4	5	607147.8	4201408.22	0.0615	68.88	68.88	0	ANNUAL
ROAD4	5	607167.8	4201408.22	0.05995	68.65	68.65	0	ANNUAL
ROAD4	5	607187.8	4201408.22	0.05846	68.39	68.39	0	ANNUAL
ROAD4	5	607207.8	4201408.22	0.05701	68.18	68.18	0	ANNUAL
ROAD4	5	607227.8	4201408.22	0.05563	68.16	68.16	0	ANNUAL
ROAD4	5	607247.8	4201408.22	0.05431	68.4	68.4	0	ANNUAL
ROAD4	5	607267.8	4201408.22	0.05305	69.09	69.09	0	ANNUAL
ROAD4	5	607287.8	4201408.22	0.05183	69.64	69.64	0	ANNUAL
ROAD4	5	607307.8	4201408.22	0.05064	69.91	69.91	0	ANNUAL
ROAD4	5	606533.18	4201421.18	0.15869	72.86	95.88	0	ANNUAL
ROAD4	5	606553.18	4201421.18	0.1532	73.53	95.77	0	ANNUAL
ROAD4	5	606573.18	4201421.18	0.14786	73.7	94.24	0	ANNUAL
ROAD4	5	606593.18	4201421.18	0.14278	73.97	93.41	0	ANNUAL
ROAD4	5	606613.18	4201421.18	0.13789	74	74	0	ANNUAL
ROAD4	5	606633.18	4201421.18	0.13315	73.61	73.61	0	ANNUAL
ROAD4	5	606653.18	4201421.18	0.1286	73.04	73.04	0	ANNUAL
ROAD4	5	606673.18	4201421.18	0.12433	73.01	73.01	0	ANNUAL
ROAD4	5	606693.18	4201421.18	0.12031	73.4	73.4	0	ANNUAL
ROAD4	5	606713.18	4201421.18	0.11643	73.55	73.55	0	ANNUAL
ROAD4	5	606727.8	4201423.25	0.11385	73.67	73.67	0	ANNUAL
ROAD4	5	606747.8	4201423.25	0.11026	74.04	74.04	0	ANNUAL
ROAD4	5	606767.8	4201423.25	0.10684	74.6	74.6	0	ANNUAL
ROAD4	5	606787.8	4201423.25	0.10352	74.8	74.8	0	ANNUAL
ROAD4	5	606807.8	4201423.25	0.10038	75.43	75.43	0	ANNUAL
ROAD4	5	606827.8	4201428.22	0.0975	75.24	75.24	0	ANNUAL
ROAD4	5	606847.8	4201428.22	0.0945	74.78	74.78	0	ANNUAL
ROAD4	5	606867.8	4201428.22	0.09164	74.56	74.56	0	ANNUAL
ROAD4	5	606887.8	4201428.22	0.0889	74.28	74.28	0	ANNUAL
ROAD4	5	606907.8	4201428.22	0.08621	73.23	74.22	0	ANNUAL
ROAD4	5	606927.8	4201428.22	0.08358	71.65	74.14	0	ANNUAL
ROAD4	5	606947.8	4201428.22	0.08114	70.99	74.15	0	ANNUAL
ROAD4	5	606967.8	4201428.22	0.07881	70.65	74.23	0	ANNUAL
ROAD4	5	606987.8	4201428.22	0.07656	69.97	74.23	0	ANNUAL
ROAD4	5	607007.8	4201428.22	0.07436	68.89	74.28	0	ANNUAL
ROAD4	5	607027.8	4201428.22	0.07227	68.08	74.2	0	ANNUAL
ROAD4	5	607047.8	4201428.22	0.07031	67.98	74.15	0	ANNUAL
ROAD4	5	607067.8	4201428.22	0.06844	68.2	68.2	0	ANNUAL
ROAD4	5	607087.8	4201428.22	0.06663	68.26	68.26	0	ANNUAL
ROAD4	5	607107.8	4201428.22	0.06488	68.27	68.27	0	ANNUAL
ROAD4	5	607127.8	4201428.22	0.06321	68.37	68.37	0	ANNUAL
ROAD4	5	607147.8	4201428.22	0.06159	68.41	68.41	0	ANNUAL
ROAD4	5	607167.8	4201428.22	0.06003	68.27	68.27	0	ANNUAL
ROAD4	5	607187.8	4201428.22	0.05851	67.97	67.97	0	ANNUAL
ROAD4	5	607207.8	4201428.22	0.05705	67.76	67.76	0	ANNUAL
ROAD4	5	607227.8	4201428.22	0.05565	67.68	67.68	0	ANNUAL
ROAD4	5	607247.8	4201428.22	0.05432	68.12	68.12	0	ANNUAL
ROAD4	5	607267.8	4201428.22	0.05307	69.16	69.16	0	ANNUAL
ROAD4	5	607287.8	4201428.22	0.05182	69.46	69.46	0	ANNUAL
ROAD4	5	607307.8	4201428.22	0.05062	69.8	69.8	0	ANNUAL
ROAD4	5	606357.31	4200991.9	0.05549	76.62	76.62	0	ANNUAL
ROAD4	5	606373.3	4200990.76	0.0557	76.28	76.28	0	ANNUAL
ROAD4	5	606393.3	4200990.76	0.05627	76.23	76.23	0	ANNUAL
ROAD4	5	606413.3	4200990.76	0.05678	76.18	76.18	0	ANNUAL
ROAD4	5	606433.3	4200990.76	0.05722	76.06	76.06	0	ANNUAL
ROAD4	5	606453.3	4200990.76	0.05759	75.87	75.87	0	ANNUAL
ROAD4	5	606473.3	4200990.76	0.0579	75.69	75.69	0	ANNUAL
ROAD4	5	606493.3	4200990.76	0.05815	75.53	75.53	0	ANNUAL
ROAD4	5	606513.3	4200990.76	0.05834	75.47	75.47	0	ANNUAL
ROAD4	5	606355.59	4201005.6	0.05877	77.52	77.52	0	ANNUAL
ROAD4	5	606375.59	4201005.6	0.05936	77.14	77.14	0	ANNUAL
ROAD4	5	606393.3	4201010.76	0.06109	77.18	77.18	0	ANNUAL
ROAD4	5	606413.3	4201010.76	0.0615	76.93	76.93	0	ANNUAL
ROAD4	5	606433.3	4201010.76	0.06184	76.64	76.64	0	ANNUAL
ROAD4	5	606453.3	4201010.76	0.06211	76.39	76.39	0	ANNUAL
ROAD4	5	606473.3	4201010.76	0.06231	76.14	76.14	0	ANNUAL
ROAD4	5	606493.3	4201010.76	0.06245	76.03	76.03	0	ANNUAL
ROAD4	5	606513.3	4201010.76	0.06253	76.02	76.02	0	ANNUAL
ROAD4	5	606320.15	4201003.05	0.05691	78.67	78.67	0	ANNUAL
ROAD4	5	606340.15	4201003.05	0.05763	77.96	77.96	0	ANNUAL

** CONCUNIT ug /m^3
** DEPUNIT g/m ^2

ROAD5	5	607247.8	4201328.22	0.05312	70.38	70.38	0	ANNUAL
ROAD5	5	607267.8	4201328.22	0.05192	70.35	70.35	0	ANNUAL
ROAD5	5	607287.8	4201328.22	0.05077	70.51	70.51	0	ANNUAL
ROAD5	5	607307.8	4201328.22	0.04965	70.55	70.55	0	ANNUAL
ROAD5	5	606527.8	4201348.22	0.1449	79.36	79.36	0	ANNUAL
ROAD5	5	606547.8	4201348.22	0.14022	78.49	78.49	0	ANNUAL
ROAD5	5	606567.8	4201348.22	0.13574	77.47	77.47	0	ANNUAL
ROAD5	5	606587.8	4201348.22	0.13143	76.69	76.69	0	ANNUAL
ROAD5	5	606607.8	4201348.22	0.12731	76.08	76.08	0	ANNUAL
ROAD5	5	606627.8	4201348.22	0.1234	75.84	75.84	0	ANNUAL
ROAD5	5	606647.8	4201348.22	0.11967	75.84	75.84	0	ANNUAL
ROAD5	5	606667.8	4201348.22	0.11609	75.88	75.88	0	ANNUAL
ROAD5	5	606687.8	4201348.22	0.11264	75.91	75.91	0	ANNUAL
ROAD5	5	606707.8	4201348.22	0.10935	76.14	76.14	0	ANNUAL
ROAD5	5	606727.8	4201348.22	0.10617	76.29	76.29	0	ANNUAL
ROAD5	5	606747.8	4201348.22	0.10309	76.34	76.34	0	ANNUAL
ROAD5	5	606767.8	4201348.22	0.1001	76.03	76.03	0	ANNUAL
ROAD5	5	606787.8	4201348.22	0.09723	75.81	75.81	0	ANNUAL
ROAD5	5	606807.8	4201348.22	0.09446	75.54	75.54	0	ANNUAL
ROAD5	5	606827.8	4201348.22	0.09181	75.54	75.54	0	ANNUAL
ROAD5	5	606847.8	4201348.22	0.08926	75.49	75.49	0	ANNUAL
ROAD5	5	606867.8	4201348.22	0.08678	75.31	75.31	0	ANNUAL
ROAD5	5	606887.8	4201348.22	0.0844	75.11	75.11	0	ANNUAL
ROAD5	5	606907.8	4201348.22	0.08211	74.95	74.95	0	ANNUAL
ROAD5	5	606927.8	4201348.22	0.07989	74.72	74.72	0	ANNUAL
ROAD5	5	606947.8	4201348.22	0.07775	74.48	74.48	0	ANNUAL
ROAD5	5	606967.8	4201348.22	0.07569	74.18	74.18	0	ANNUAL
ROAD5	5	606987.8	4201348.22	0.0737	73.94	73.94	0	ANNUAL
ROAD5	5	607007.8	4201348.22	0.07177	73.6	73.6	0	ANNUAL
ROAD5	5	607027.8	4201348.22	0.0699	72.96	72.96	0	ANNUAL
ROAD5	5	607047.8	4201348.22	0.06811	72.7	72.7	0	ANNUAL
ROAD5	5	607067.8	4201348.22	0.06637	72.16	72.16	0	ANNUAL
ROAD5	5	607087.8	4201348.22	0.0647	71.71	71.71	0	ANNUAL
ROAD5	5	607107.8	4201348.22	0.06308	71.28	71.28	0	ANNUAL
ROAD5	5	607127.8	4201348.22	0.06151	70.68	70.68	0	ANNUAL
ROAD5	5	607147.8	4201348.22	0.06	70.29	70.29	0	ANNUAL
ROAD5	5	607167.8	4201348.22	0.05855	70	70	0	ANNUAL
ROAD5	5	607187.8	4201348.22	0.05716	69.94	69.94	0	ANNUAL
ROAD5	5	607207.8	4201348.22	0.05583	70.08	70.08	0	ANNUAL
ROAD5	5	607227.8	4201348.22	0.05453	70.1	70.1	0	ANNUAL
ROAD5	5	607247.8	4201348.22	0.05327	70.04	70.04	0	ANNUAL
ROAD5	5	607267.8	4201348.22	0.05206	70.09	70.09	0	ANNUAL
ROAD5	5	607287.8	4201348.22	0.05089	70.33	70.33	0	ANNUAL
ROAD5	5	607307.8	4201348.22	0.04976	70.42	70.42	0	ANNUAL
ROAD5	5	606527.8	4201368.22	0.14887	78.48	78.71	0	ANNUAL
ROAD5	5	606547.8	4201368.22	0.14383	77.1	78.85	0	ANNUAL
ROAD5	5	606567.8	4201368.22	0.13902	76.21	76.21	0	ANNUAL
ROAD5	5	606587.8	4201368.22	0.13448	75.7	75.7	0	ANNUAL
ROAD5	5	606607.8	4201368.22	0.13014	75.28	75.28	0	ANNUAL
ROAD5	5	606627.8	4201368.22	0.12598	74.86	74.86	0	ANNUAL
ROAD5	5	606647.8	4201368.22	0.12203	74.74	74.74	0	ANNUAL
ROAD5	5	606667.8	4201368.22	0.11827	74.88	74.88	0	ANNUAL
ROAD5	5	606687.8	4201368.22	0.11467	75.09	75.09	0	ANNUAL
ROAD5	5	606707.8	4201368.22	0.11122	75.35	75.35	0	ANNUAL
ROAD5	5	606727.8	4201368.22	0.10792	75.84	75.84	0	ANNUAL
ROAD5	5	606747.8	4201368.22	0.10473	76.15	76.15	0	ANNUAL
ROAD5	5	606767.8	4201368.22	0.10163	76.05	76.05	0	ANNUAL
ROAD5	5	606787.8	4201368.22	0.09861	75.67	75.67	0	ANNUAL
ROAD5	5	606807.8	4201368.22	0.09573	75.42	75.42	0	ANNUAL
ROAD5	5	606827.8	4201368.22	0.09297	75.35	75.35	0	ANNUAL
ROAD5	5	606847.8	4201368.22	0.09031	75.2	75.2	0	ANNUAL
ROAD5	5	606867.8	4201368.22	0.08776	75.08	75.08	0	ANNUAL
ROAD5	5	606887.8	4201368.22	0.08529	74.9	74.9	0	ANNUAL
ROAD5	5	606907.8	4201368.22	0.08292	74.76	74.76	0	ANNUAL
ROAD5	5	606927.8	4201368.22	0.08064	74.6	74.6	0	ANNUAL
ROAD5	5	606947.8	4201368.22	0.07844	74.43	74.43	0	ANNUAL
ROAD5	5	606967.8	4201368.22	0.07633	74.37	74.37	0	ANNUAL
ROAD5	5	606987.8	4201368.22	0.07428	74.07	74.07	0	ANNUAL
ROAD5	5	607007.8	4201368.22	0.0723	73.83	73.83	0	ANNUAL
ROAD5	5	607027.8	4201368.22	0.07037	72.97	72.97	0	ANNUAL
ROAD5	5	607047.8	4201368.22	0.06852	72.38	72.38	0	ANNUAL
ROAD5	5	607067.8	4201368.22	0.06672	71.52	71.52	0	ANNUAL
ROAD5	5	607087.8	4201368.22	0.06499	70.89	70.89	0	ANNUAL
ROAD5	5	607107.8	4201368.22	0.06335	70.61	70.61	0	ANNUAL
ROAD5	5	607127.8	4201368.22	0.06176	70.28	70.28	0	ANNUAL
ROAD5	5	607147.8	4201368.22	0.06022	69.85	69.85	0	ANNUAL
ROAD5	5	607167.8	4201368.22	0.05874	69.5	69.5	0	ANNUAL
ROAD5	5	607187.8	4201368.22	0.05732	69.28	69.28	0	ANNUAL
ROAD5	5	607207.8	4201368.22	0.05596	69.39	69.39	0	ANNUAL
ROAD5	5	607227.8	4201368.22	0.05465	69.58	69.58	0	ANNUAL
ROAD5	5	607247.8	4201368.22	0.05338	69.65	69.65	0	ANNUAL
ROAD5	5	607267.8	4201368.22	0.05215	69.7	69.7	0	ANNUAL
ROAD5	5	607287.8	4201368.22	0.05097	70.02	70.02	0	ANNUAL
ROAD5	5	607307.8	4201368.22	0.04983	70.27	70.27	0	ANNUAL
ROAD5	5	606527.8	4201388.22	0.15231	75.7	81.06	0	ANNUAL
ROAD5	5	606547.8	4201388.22	0.14699	74.88	80.41	0	ANNUAL
ROAD5	5	606567.8	4201388.22	0.14198	74.43	74.43	0	ANNUAL
ROAD5	5	606587.8	4201388.22	0.13726	74.41	74.41	0	ANNUAL
ROAD5	5	606607.8	4201388.22	0.13275	74.42	74.42	0	ANNUAL
ROAD5	5	606627.8	4201388.22	0.12841	74.25	74.25	0	ANNUAL
ROAD5	5	606647.8	4201388.22	0.12427	74.16	74.16	0	ANNUAL
ROAD5	5	606667.8	4201388.22	0.1203	74.07	74.07	0	ANNUAL
ROAD5	5	606687.8	4201388.22	0.11652	74.15	74.15	0	ANNUAL
ROAD5	5	606707.8	4201388.22	0.11291	74.39	74.39	0	ANNUAL
ROAD5	5	606727.8	4201388.22	0.10947	74.91	74.91	0	ANNUAL
ROAD5	5	606747.8	4201388.22	0.1062	75.77	75.77	0	ANNUAL
ROAD5	5	606767.8	4201388.22	0.10299	75.89	75.89	0	ANNUAL
ROAD5	5	606787.8	4201388.22	0.09986	75.47	75.47	0	ANNUAL
ROAD5	5	606807.8	4201388.22	0.09688	75.36	75.36	0	ANNUAL
ROAD5	5	606827.8	4201388.22	0.09402	75.2	75.2	0	ANNUAL
ROAD5	5	606847.8	4201388.22	0.09126	74.97	74.97	0	ANNUAL
ROAD5	5	606867.8	4201388.22	0.08861	74.72	74.72	0	ANNUAL
ROAD5	5	606887.8	4201388.22	0.08606	74.55	74.55	0	ANNUAL
ROAD5	5	606907.8	4201388.22	0.08362	74.39	74.39	0	ANNUAL
ROAD5	5	606927.8	4201388.22	0.08128	74.31	74.31	0	ANNUAL
ROAD5	5	606947.8	4201388.22	0.07902	74.26	74.26	0	ANNUAL
ROAD5	5	606967.8	4201388.22	0.07686	74.26	74.26	0	ANNUAL
ROAD5	5	606987.8	4201388.22	0.07477	74.18	74.18	0	ANNUAL
ROAD5	5	607007.8	4201388.22	0.07274	73.82	73.82	0	ANNUAL
ROAD5	5	607027.8	4201388.22	0.07072	72.26	72.99	0	ANNUAL
ROAD5	5	607047.8	4201388.22	0.06882	71.49	71.49	0	ANNUAL
ROAD5	5	607067.8	4201388.22	0.06698	70.64	70.64	0	ANNUAL
ROAD5	5	607087.8	4201388.22	0.06523	70.16	70.16	0	ANNUAL
ROAD5	5	607107.8	4201388.22	0.06356	69.95	69.95	0	ANNUAL
ROAD5	5	607127.8	4201388.22	0.06195	69.73	69.73	0	ANNUAL
ROAD5	5	607147.8	4201388.22	0.06039	69.39	69.39	0	ANNUAL
ROAD5	5	607167.8	4201388.22	0.05889	69.05	69.05	0	ANNUAL
ROAD5	5	607187.8	4201388.22	0.05744	68.79	68.79	0	ANNUAL
ROAD5	5	607207.8	4201388.22	0.05604	68.61	68.61	0	ANNUAL
ROAD5	5	607227.8	4201388.22	0.05472	68.9	68.9	0	ANNUAL
ROAD5	5	607247.8	4201388.22	0.05343	69.03	69.03	0	ANNUAL
ROAD5	5	607267.8	4201388.22	0.0522	69.31	69.31	0	ANNUAL
ROAD5	5	607287.8	4201388.22	0.05101	69.81	69.81	0	ANNUAL
ROAD5	5	607307.8	4201388.22	0.04985	70.05	70.05	0	ANNUAL
ROAD5	5	606527.8	4201408.22	0.15541	73.29	95.77	0	ANNUAL
ROAD5	5	606547.8	4201408.22	0.15001	73.49	95.77	0	ANNUAL
ROAD5	5	606567.8	4201408.22	0.14487	73.71	93.18	0	ANNUAL
ROAD5	5	606587.8	4201408.22	0.13996	73.99	73.99	0	ANNUAL
ROAD5	5	606607.8	4201408.22	0.13522	73.95	73.95	0	ANNUAL
ROAD5	5	606627.8	4201408.22	0.13066	73.72	73.72	0	ANNUAL
ROAD5	5	606647.8	4201408.22	0.1263	73.49	73.49	0	ANNUAL
ROAD5	5	606667.8	4201408.22	0.12218	73.59	73.59	0	ANNUAL
ROAD5	5	606687.8	4201408.22	0.11825	73.8	73.8	0	ANNUAL
ROAD5	5	606707.8	4201408.22	0.11447	73.9	73.9	0	ANNUAL
ROAD5	5	606727.8	4201408.22	0.11087	74.12	74.12	0	ANNUAL
ROAD5	5	606747.8	4201408.22	0.10745	74.63	74.63	0	ANNUAL
ROAD5	5	606767.8	4201408.22	0.10418	75.4	75.4	0	ANNUAL
ROAD5	5	606787.8	4201408.22	0.10095	75.1	75.1	0	ANNUAL
ROAD5	5	606807.8	4201408.22	0.09791	75.4	75.4	0	ANNUAL
ROAD5	5	606827.8	4201408.22	0.09493	75.05	75.05	0	ANNUAL
ROAD5	5	606847.8	4201408.22	0.09209	74.8	74.8	0	ANNUAL
ROAD5	5	606867.8	4201408.22	0.08936	74.56	74.56	0	ANNUAL
ROAD5	5	606887.8	4201408.22	0.08674	74.31	74.31	0	ANNUAL
ROAD5	5	606907.8	4201408.22	0.08423	74.15	74.15	0	ANNUAL
ROAD5	5	606927.8	4201408.22	0.08179	73.63	73.63	0	ANNUAL
ROAD5	5	606947.8	4201408.22	0.07948	73.58	74.15	0	ANNUAL
ROAD5	5	606967.8	4201408.22	0.07726	73.54	74.14	0	ANNUAL
ROAD5	5	606987.8	4201408.22	0.07512	73.4	74.17	0	ANNUAL
ROAD5	5	607007.8	4201408.22	0.073	72.14	74.15	0	ANNUAL
ROAD5	5	607027.8	4201408.22	0.07092	70.29	74.15	0	ANNUAL
ROAD5	5	607047.8	4201408.22	0.069	69.79	70.22	0	ANNUAL
ROAD5	5	607067.8	4201408.22	0.06716	69.44	69.44	0	ANNUAL
ROAD5	5	607087.8	4201408.22	0.06539	69.17	69.17	0	ANNUAL
ROAD5	5	607107.8	4201408.22	0.0637	69.09	69.09	0	ANNUAL
ROAD5	5	607127.8	4201408.22	0.06207	69.06	69.06	0	ANNUAL
ROAD5	5	607147.8	4201408.22	0.0605	68.88	68.88	0	ANNUAL
ROAD5	5	607167.8	4201408.22	0.05898	68.65	68.65	0	ANNUAL
ROAD5	5	607187.8	4201408.22	0.05751	68.39	68.39	0	ANNUAL
ROAD5	5	607207.8	4201408.22	0.0561	68.18	68.18	0	ANNUAL
ROAD5	5	607227.8	4201408.22	0.05474	68.16	68.16	0	ANNUAL
ROAD5	5	607247.8	4201408.22	0.05345	68.4	68.4	0	ANNUAL
ROAD5	5	607267.8	4201408.22	0.05222	69.09	69.09	0	ANNUAL
ROAD5	5	607287.8	4201408.22	0.05102	69.64	69.64	0	ANNUAL
ROAD5	5	607307.8	4201408.22	0.04985	69.91	69.91	0	ANNUAL
ROAD5	5	606533.18	4201421.18	0.15596	72.86	95.88	0	ANNUAL
ROAD5	5	606553.18	4201421.18	0.15056	73.53	95.77	0	ANNUAL
ROAD5	5	606573.18	4201421.18	0.1453	73.7	94.24	0	ANNUAL
ROAD5	5	606593.18	4201421.18	0.1403	73.97	93.41	0	ANNUAL
ROAD5	5	606613.18	4201421.18	0.13548	74	74	0	ANNUAL
ROAD5	5	606633.18	4201421.18	0.13082	73.61	73.61	0	ANNUAL
ROAD5	5	606653.18	4201421.18	0.12634	73.04	73.04	0	ANNUAL
ROAD5	5	606673.18	4201421.18	0.12215	73.01	73.01	0	ANNUAL
ROAD5	5	606693.18	4201421.18	0.11819	73.4	73.4	0	ANNUAL
ROAD5	5	606713.18	4201421.18	0.11438	73.55	73.55	0	ANNUAL
ROAD5	5	606727.8	4201423.25	0.11183	73.67	73.67	0	ANNUAL
ROAD5	5	606747.8	4201423.25	0.1083	74.04	74.04	0	ANNUAL
ROAD5	5	606767.8	4201423.25	0.10494	74.6	74.6	0	ANNUAL
ROAD5	5	606787.8	4201423.25	0.10168	74.8	74.8	0	ANNUAL
ROAD5	5	606807.8	4201423.25	0.0986	75.43	75.43	0	ANNUAL
ROAD5	5	606827.8	4201428.22	0.09575	75.24	75.24	0	ANNUAL
ROAD5	5	606847.8	4201428.22	0.09281	74.78	74.78	0	ANNUAL
ROAD5	5	606867.8	4201428.22	0.09001	74.56	74.56	0	ANNUAL
ROAD5	5	606887.8	4201428.22	0.08732	74.28	74.28	0	ANNUAL
ROAD5	5	606907.8	4201428.22	0.08468	73.23	74.22	0	ANNUAL
ROAD5	5	606927.8	4201428.22	0.08211	71.65	74.14	0	ANNUAL
ROAD5	5	606947.8	4201428.22	0.07971	70.99	74.15	0	ANNUAL
ROAD5	5	606967.8	4201428.22	0.07743	70.65	74.23	0	ANNUAL
ROAD5	5	606987.8	4201428.22	0.07522	69.97	74.23	0	ANNUAL
ROAD5	5	607007.8	4201428.22	0.07306	68.89	74.28	0	ANNUAL
ROAD5	5	607027.8	4201428.22	0.07102	68.08	74.2	0	ANNUAL
ROAD5	5	607047.8	4201428.22	0.06909	67.98	74.15	0	ANNUAL
ROAD5	5	607067.8	4201428.22	0.06726	68.2	68.2	0	ANNUAL
ROAD5	5	607087.8	4201428.22	0.06549	68.26	68.26	0	ANNUAL
ROAD5	5	607107.8	4201428.22	0.06378	68.27	68.27	0	ANNUAL
ROAD5	5	607127.8	4201428.22	0.06214	68.37	68.37	0	ANNUAL
ROAD5	5	607147.8	4201428.22	0.06056	68.41	68.41	0	ANNUAL
ROAD5	5	607167.8	4201428.22	0.05902	68.27	68.27	0	ANNUAL
ROAD5	5	607187.8	4201428.22	0.05754	67.97	67.97	0	ANNUAL
ROAD5	5	607207.8	4201428.22	0.05611	67.76	67.76	0	ANNUAL
ROAD5	5	607227.8	4201428.22	0.05474	67.68	67.68	0	ANNUAL
ROAD5	5	607247.8	4201428.22	0.05344	68.12	68.12	0	ANNUAL
ROAD5	5	607267.8	4201428.22	0.05221	69.16	69.16	0	ANNUAL
ROAD5	5	607287.8	4201428.22	0.05099	69.46	69.46	0	ANNUAL
ROAD5	5	607307.8	4201428.22	0.04982	69.8	69.8	0	ANNUAL
ROAD5	5	606357.31	4200991.9	0.0574	76.62	76.62	0	ANNUAL
ROAD5	5	606373.3	4200990.76	0.05756	76.28	76.28	0	ANNUAL
ROAD5	5	606393.3	4200990.76	0.05807	76.23	76.23	0	ANNUAL
ROAD5	5	606413.3	4200990.76	0.05851	76.18	76.18	0	ANNUAL
ROAD5	5	606433.3	4200990.76	0.05888	76.06	76.06	0	ANNUAL
ROAD5	5	606453.3	4200990.76	0.05918	75.87	75.87	0	ANNUAL
ROAD5	5	606473.3	4200990.76	0.05942	75.69	75.69	0	ANNUAL
ROAD5	5	606493.3	4200990.76	0.05959	75.53	75.53	0	ANNUAL
ROAD5	5	606513.3	4200990.76	0.05971	75.47	75.47	0	ANNUAL
ROAD5	5	606355.59	4201005.6	0.06076	77.52	77.52	0	ANNUAL
ROAD5	5	606375.59	4201005.6	0.06128	77.14	77.14	0	ANNUAL
ROAD5	5	606393.3	4201010.76	0.06295	77.18	77.18	0	ANNUAL
ROAD5	5	606413.3	4201010.76	0.06329	76.93	76.93	0	ANNUAL
ROAD5	5	606433.3	4201010.76	0.06354	76.64	76.64	0	ANNUAL
ROAD5	5	606453.3	4201010.76	0.06372	76.39	76.39	0	ANNUAL
ROAD5	5	606473.3	4201010.76	0.06384	76.14	76.14	0	ANNUAL
ROAD5	5	606493.3	4201010.76	0.0639	76.03	76.03	0	ANNUAL
ROAD5	5	606513.3	4201010.76	0.0639	76.02	76.02	0	ANNUAL
ROAD5	5	606320.15	4201003.05	0.059	78.67	78.67	0	ANNUAL
ROAD5	5	606340.15	4201003.05	0.05966	77.96	77.96	0	ANNUAL

** CONCUNIT ug/ m^3
** DEPUNIT g/m^ 2

ROAD6	5	605895.28	4201750.29	1.75516	104.63	104.63	0	ANNUAL	ROAD6	5
ROAD6	5	605915.39	4201747.61	1.55016	104.11	104.11	0	ANNUAL	ROAD6	5
ROAD6	5	605941.53	4201742.91	1.33931	102.51	105.55	0	ANNUAL	ROAD6	5
ROAD6	5	605963.66	4201742.24	1.19203	100.82	106.27	0	ANNUAL	ROAD6	5
ROAD6	5	605984.44	4201737.55	1.07435	98.3	106.42	0	ANNUAL	ROAD6	5
ROAD6	5	606005.22	4201734.87	0.97104	97.32	106.05	0	ANNUAL	ROAD6	5
ROAD6	5	606029.35	4201731.52	0.86486	98.77	106.04	0	ANNUAL	ROAD6	5
ROAD6	5	606054.16	4201725.48	0.7724	100.09	100.09	0	ANNUAL	ROAD6	5
ROAD6	5	606078.96	4201722.8	0.69447	100.46	100.46	0	ANNUAL	ROAD6	5
ROAD6	5	606101.76	4201726.82	0.63265	100.48	100.48	0	ANNUAL	ROAD6	5
ROAD6	5	606125.89	4201728.17	0.57587	99.86	99.86	0	ANNUAL	ROAD6	5
ROAD6	5	606149.35	4201736.88	0.52623	99.54	99.54	0	ANNUAL	ROAD6	5
ROAD6	5	606154.05	4201702.02	0.51992	94.49	105.41	0	ANNUAL	ROAD6	5
ROAD6	5	606159.41	4201679.23	0.50624	90.1	106.07	0	ANNUAL	ROAD6	5
ROAD6	5	606121.87	4201679.23	0.58199	92.79	105.93	0	ANNUAL	ROAD6	5
ROAD6	5	606095.72	4201675.21	0.64308	93.95	104.91	0	ANNUAL	ROAD6	5
ROAD6	5	606070.25	4201675.21	0.71319	94.86	102.61	0	ANNUAL	ROAD6	5
ROAD6	5	606048.12	4201685.26	0.78766	95.43	103.27	0	ANNUAL	ROAD6	5
ROAD6	5	606026	4201688.61	0.86908	92.41	106.27	0	ANNUAL	ROAD6	5
ROAD6	5	605999.86	4201691.29	0.98383	92.94	106.46	0	ANNUAL	ROAD6	5
ROAD6	5	605977.73	4201697.33	1.10318	95.46	106.46	0	ANNUAL	ROAD6	5
ROAD6	5	605956.28	4201701.35	1.23763	97.47	106.42	0	ANNUAL	ROAD6	5
ROAD6	5	605933.49	4201706.71	1.4092	99.1	106.06	0	ANNUAL	ROAD6	5
ROAD6	5	605910.7	4201707.38	1.62068	99.24	106.17	0	ANNUAL	ROAD6	5
ROAD6	5	605888.57	4201714.09	1.87886	99.58	106.38	0	ANNUAL	ROAD6	5
ROAD6	5	605865.78	4201716.1	2.22253	98.78	106.38	0	ANNUAL	ROAD6	5
ROAD6	5	605847.01	4201720.79	2.58915	98.23	106.34	0	ANNUAL	ROAD6	5
ROAD6	5	605820.86	4201722.13	3.30911	96.59	106.34	0	ANNUAL	ROAD6	5
ROAD6	5	605816.17	4201744.25	3.42376	99.11	106.25	0	ANNUAL	ROAD6	5
ROAD6	5	605803.82	4201672.8	3.75085	89.11	119.11	0	ANNUAL	ROAD6	5
ROAD6	5	605827.96	4201666.77	2.8942	88.43	118.98	0	ANNUAL	ROAD6	5
ROAD6	5	605810.53	4201617.83	3.33582	90.52	119.11	0	ANNUAL	ROAD6	5
ROAD6	5	605804.49	4201580.95	3.56917	97.53	113.82	0	ANNUAL	ROAD6	5
ROAD6	5	605829.3	4201579.61	2.69954	92	118.77	0	ANNUAL	ROAD6	5
ROAD6	5	605850.75	4201582.29	2.20224	89.04	118.98	0	ANNUAL	ROAD6	5
ROAD6	5	605846.73	4201613.8	2.31159	86.8	119.11	0	ANNUAL	ROAD6	5
ROAD6	5	605851.42	4201667.44	2.38701	89.83	113.82	0	ANNUAL	ROAD6	5
ROAD6	5	605870.86	4201658.05	2.03702	89.5	113.71	0	ANNUAL	ROAD6	5
ROAD6	5	605889.63	4201654.7	1.78789	90.31	113.71	0	ANNUAL	ROAD6	5
ROAD6	5	605875.56	4201623.19	1.85054	84.87	119.11	0	ANNUAL	ROAD6	5
ROAD6	5	605911.09	4201656.04	1.56877	92.32	113.23	0	ANNUAL	ROAD6	5
ROAD6	5	605933.21	4201650.01	1.3603	91.17	113.04	0	ANNUAL	ROAD6	5
ROAD6	5	605905.72	4201609.78	1.48945	84.05	118.45	0	ANNUAL	ROAD6	5
ROAD6	5	605907.73	4201585.65	1.44756	85.91	115.72	0	ANNUAL	ROAD6	5
ROAD6	5	605935.89	4201593.02	1.22774	84.55	113.71	0	ANNUAL	ROAD6	5
ROAD6	5	605964.05	4201596.37	1.0555	83.63	113.71	0	ANNUAL	ROAD6	5
ROAD6	5	605954.66	4201647.32	1.2002	90.17	112.92	0	ANNUAL	ROAD6	5
ROAD6	5	605972.76	4201645.31	1.0844	88.6	112.92	0	ANNUAL	ROAD6	5
ROAD6	5	605998.91	4201636.6	0.93558	85.13	113.04	0	ANNUAL	ROAD6	5
ROAD6	5	606018.35	4201631.9	0.85303	85.52	112.92	0	ANNUAL	ROAD6	5
ROAD6	5	606037.79	4201634.59	0.78844	87.24	112.92	0	ANNUAL	ROAD6	5
ROAD6	5	606059.25	4201628.55	0.7153	86.82	112.92	0	ANNUAL	ROAD6	5
ROAD6	5	606082.04	4201624.53	0.64848	85.69	112.92	0	ANNUAL	ROAD6	5
ROAD6	5	606102.82	4201623.19	0.59573	84.04	112.92	0	ANNUAL	ROAD6	5
ROAD6	5	606129.64	4201621.18	0.53516	80.93	112.92	0	ANNUAL	ROAD6	5
ROAD6	5	606147.07	4201623.19	0.50317	80.01	112.92	0	ANNUAL	ROAD6	5
ROAD6	5	606172.54	4201623.86	0.46084	79.06	112.92	0	ANNUAL	ROAD6	5
ROAD6	5	606162.49	4201601.07	0.46681	78.25	112.92	0	ANNUAL	ROAD6	5
ROAD6	5	606141.04	4201589.67	0.49775	79.61	112.92	0	ANNUAL	ROAD6	5
ROAD6	5	606118.24	4201586.99	0.53862	80.64	112.92	0	ANNUAL	ROAD6	5
ROAD6	5	606099.47	4201581.62	0.57484	81.94	112.98	0	ANNUAL	ROAD6	5
ROAD6	5	606074.67	4201584.98	0.63574	83.04	113.61	0	ANNUAL	ROAD6	5
ROAD6	5	606053.21	4201593.02	0.70085	83.8	113.61	0	ANNUAL	ROAD6	5
ROAD6	5	606029.75	4201589.67	0.76987	83.71	113.61	0	ANNUAL	ROAD6	5
ROAD6	5	606006.95	4201591.01	0.85292	83.68	113.61	0	ANNUAL	ROAD6	5
ROAD6	5	605986.17	4201587.66	0.93918	84.47	113.67	0	ANNUAL	ROAD6	5
ROAD6	5	606219	4201578.94	0.38432	79.68	112.92	0	ANNUAL	ROAD6	5
ROAD6	5	606249.57	4201574.58	0.3511	81.49	96.38	0	ANNUAL	ROAD6	5
ROAD6	5	606221.97	4201624.24	0.39244	77.8	112.92	0	ANNUAL	ROAD6	5
ROAD6	5	606216.45	4201599.79	0.39222	77.32	112.92	0	ANNUAL	ROAD6	5
ROAD6	5	606217.24	4201646.32	0.40502	80.25	106.07	0	ANNUAL	ROAD6	5
ROAD6	5	606251.94	4201658.94	0.36484	79.84	106.07	0	ANNUAL	ROAD6	5
ROAD6	5	606256.67	4201638.44	0.35573	77.97	106.07	0	ANNUAL	ROAD6	5
ROAD6	5	606269.29	4201609.25	0.33689	76.47	106.07	0	ANNUAL	ROAD6	5
ROAD6	5	606270.87	4201576.12	0.33139	82.54	96.02	0	ANNUAL	ROAD6	5
ROAD6	5	606291.38	4201574.55	0.31366	85.15	95.77	0	ANNUAL	ROAD6	5
ROAD6	5	606312.67	4201570.6	0.29587	87.77	95.77	0	ANNUAL	ROAD6	5
ROAD6	5	606330.81	4201577.7	0.28324	87.34	95.77	0	ANNUAL	ROAD6	5
ROAD6	5	606356.84	4201575.34	0.26475	90.09	95.77	0	ANNUAL	ROAD6	5
ROAD6	5	606374.98	4201580.86	0.25362	90.55	95.77	0	ANNUAL	ROAD6	5
ROAD6	5	606396.28	4201577.7	0.24018	93.66	95.44	0	ANNUAL	ROAD6	5
ROAD6	5	606421.52	4201578.49	0.22594	93.62	93.62	0	ANNUAL	ROAD6	5
ROAD6	5	606441.24	4201580.07	0.21574	92.35	92.35	0	ANNUAL	ROAD6	5
ROAD6	5	606461.74	4201579.28	0.20553	91.97	91.97	0	ANNUAL	ROAD6	5
ROAD6	5	606453.07	4201608.46	0.21149	90.62	93.99	0	ANNUAL	ROAD6	5
ROAD6	5	606455.43	4201631.34	0.21098	90.02	95.81	0	ANNUAL	ROAD6	5
ROAD6	5	606454.65	4201658.94	0.21096	86.53	96.04	0	ANNUAL	ROAD6	5
ROAD6	5	606459.38	4201686.55	0.20683	83.06	96.04	0	ANNUAL	ROAD6	5
ROAD6	5	606456.22	4201751.23	0.19951	72.89	106	0	ANNUAL	ROAD6	5
ROAD6	5	606430	4201786.92	0.20919	74.48	106.01	0	ANNUAL	ROAD6	5
ROAD6	5	606411.88	4201772.51	0.22223	76.18	106.01	0	ANNUAL	ROAD6	5
ROAD6	5	606400.76	4201753.16	0.23194	77.07	106.01	0	ANNUAL	ROAD6	5
ROAD6	5	606388.41	4201737.51	0.24177	77.09	106.01	0	ANNUAL	ROAD6	5
ROAD6	5	606373.59	4201720.63	0.25344	76.84	106.07	0	ANNUAL	ROAD6	5
ROAD6	5	606386.35	4201698.4	0.24476	73.19	106.07	0	ANNUAL	ROAD6	5
ROAD6	5	606415.59	4201718.16	0.225	72.85	106.07	0	ANNUAL	ROAD6	5
ROAD6	5	606431.64	4201749.04	0.21302	73.66	106.01	0	ANNUAL	ROAD6	5
ROAD6	5	606400.88	4201682.12	0.23652	73.82	106.07	0	ANNUAL	ROAD6	5
ROAD6	5	606415.7	4201656.59	0.23135	81.5	96.04	0	ANNUAL	ROAD6	5
ROAD6	5	606433.4	4201693.65	0.21851	77.85	96.04	0	ANNUAL	ROAD6	5
ROAD6	5	606409.52	4201629	0.2353	84.23	96.04	0	ANNUAL	ROAD6	5
ROAD6	5	606293.82	4201678.82	0.32263	79.73	106.07	0	ANNUAL	ROAD6	5
ROAD6	5	606309.88	4201659.06	0.305	76.28	106.07	0	ANNUAL	ROAD6	5
ROAD6	5	606315.23	4201638.06	0.29881	75.74	106.07	0	ANNUAL	ROAD6	5
ROAD6	5	606298.76	4201611.71	0.31115	77.87	106.07	0	ANNUAL	ROAD6	5
ROAD6	5	606357.23	4201635.59	0.26712	77.5	105.99	0	ANNUAL	ROAD6	5
ROAD6	5	606348.58	4201660.71	0.2721	73.23	106.07	0	ANNUAL	ROAD6	5
ROAD6	5	606339.11	4201680.06	0.2805	75.29	106.07	0	ANNUAL	ROAD6	5
ROAD6	5	606326.76	4201698.59	0.29261	79.26	106.07	0	ANNUAL	ROAD6	5
ROAD6	5	606269.15	4201720.69	0.35109	87.21	106.07	0	ANNUAL	ROAD6	5
ROAD6	5	606300.16	4201729.9	0.31781	85.79	106.01	0	ANNUAL	ROAD6	5
ROAD6	5	606289.5	4201742.98	0.32754	87.46	106.01	0	ANNUAL	ROAD6	5
ROAD6	5	606276.42	4201759.93	0.33903	89.24	106.01	0	ANNUAL	ROAD6	5
ROAD6	5	606252.92	4201711.54	0.37012	87.4	106.07	0	ANNUAL	ROAD6	5
ROAD6	5	606269.72	4201778.05	0.34275	90.39	106.01	0	ANNUAL	ROAD6	5
ROAD6	5	606330.59	4201761.12	0.28574	84.41	106	0	ANNUAL	ROAD6	5
ROAD6	5	606346.36	4201775.32	0.26981	82.7	106.01	0	ANNUAL	ROAD6	5
ROAD6	5	606357.41	4201787.15	0.25845	80.69	106.07	0	ANNUAL	ROAD6	5
ROAD6	5	606314.81	4201788.73	0.29469	85.75	106.01	0	ANNUAL	ROAD6	5
ROAD6	5	605679.28	4201449.87	3.89843	94.26	126.42	0	ANNUAL	ROAD6	5
ROAD6	5	605652.36	4201436.02	2.0419	97.63	126.34	0	ANNUAL	ROAD6	5
ROAD6	5	605622.85	4201440.76	1.38553	100.89	126.27	0	ANNUAL	ROAD6	5
ROAD6	5	605608.24	4201447.88	1.20922	102.34	126.34	0	ANNUAL	ROAD6	5
ROAD6	5	605590.11	4201443.35	1.02813	101.55	126.42	0	ANNUAL	ROAD6	5
ROAD6	5	605567.46	4201442.94	0.87304	99.82	126.57	0	ANNUAL	ROAD6	5
ROAD6	5	605546.45	4201443.77	0.76333	97.58	126.62	0	ANNUAL	ROAD6	5
ROAD6	5	605525.44	4201445.41	0.67059	98.84	126.62	0	ANNUAL	ROAD6	5
ROAD6	5	605504.84	4201447.88	0.59496	101.71	126.62	0	ANNUAL	ROAD6	5
ROAD6	5	605484.66	4201447.47	0.53446	103.07	126.62	0	ANNUAL	ROAD6	5
ROAD6	5	605459.12	4201443.35	0.47423	102.56	127.54	0	ANNUAL	ROAD6	5
ROAD6	5	605438.52	4201442.12	0.43478	102.09	131.15	0	ANNUAL	ROAD6	5
ROAD6	5	605416.69	4201438.82	0.39816	101.12	132.58	0	ANNUAL	ROAD6	5
ROAD6	5	605397.74	4201432.23	0.36919	99.69	132.79	0	ANNUAL	ROAD6	5
ROAD6	5	605375.91	4201424.82	0.33904	98.51	132.79	0	ANNUAL	ROAD6	5
ROAD6	5	605353.26	4201422.76	0.31288	99.09	132.79	0	ANNUAL	ROAD6	5
ROAD6	5	605331.61	4201420.86	0.29023	100.68	132.79	0	ANNUAL	ROAD6	5
ROAD6	5	605306.62	4201416.94	0.26588	103.31	132.79	0	ANNUAL	ROAD6	5
ROAD6	5	605283.25	4201414.66	0.2453	106.32	132.79	0	ANNUAL	ROAD6	5
ROAD6	5	605251.89	4201403.82	0.22267	106.88	132.79	0	ANNUAL	ROAD6	5
ROAD6	5	605255.31	4201424.35	0.2268	108.49	132.79	0	ANNUAL	ROAD6	5
ROAD6	5	605676.3	4201482.12	3.67461	98.14	119.11	0	ANNUAL	ROAD6	5
ROAD6	5	605652.06	4201496.17	2.29038	103.53	119.11	0	ANNUAL	ROAD6	5
ROAD6	5	605633.16	4201493.26	1.72639	105.27	119.11	0	ANNUAL	ROAD6	5
ROAD6	5	605612.32	4201491.81	1.3278	108.76	119.11	0	ANNUAL	ROAD6	5
ROAD6	5	607423.16	4200737.35	0.02918	68.89	87.2	0	ANNUAL	ROAD6	5
ROAD6	5	607366.33	4200769.13	0.03103	69.23	87.2	0	ANNUAL	ROAD6	5
ROAD6	5	607370.6	4200744.38	0.02993	68.96	87.2	0	ANNUAL	ROAD6	5
ROAD6	5	605585.21	4201494.54	1.00458	112.24	119.11	0	ANNUAL	ROAD6	5
ROAD6	5	605651.9	4201523.98	2.37027	110.26	118.45	0	ANNUAL	ROAD6	5
ROAD6	5	605680.74	4201532.99	4.40097	110.89	113.6	0	ANNUAL	ROAD6	5
ROAD6	5	605629.67	4201535.39	1.68116	113.57	117.8	0	ANNUAL	ROAD6	5
ROAD6	5	605617.05	4201550.42	1.41825	114.79	114.79	0	ANNUAL	ROAD6	5
ROAD6	5	605679.91	4201566.03	4.62777	113.04	113.6	0	ANNUAL	ROAD6	5
ROAD6	5	605663.57	4201579.82	3.19403	111.04	113.6	0	ANNUAL	ROAD6	5
ROAD6	5	605646.71	4201591.06	2.40481	108.05	118.98	0	ANNUAL	ROAD6	5
ROAD6	5	605581.34	4201577.78	1.08678	109.55	119.11	0	ANNUAL	ROAD6	5
ROAD6	5	605564.99	4201556.84	0.85274	115.61	119.11	0	ANNUAL	ROAD6	5
ROAD6	5	605553.76	4201533.34	0.74166	118.75	118.75	0	ANNUAL	ROAD6	5
ROAD6	5	605547.12	4201515.47	0.72561	117.11	118.76	0	ANNUAL	ROAD6	5
ROAD6	5	605544.56	4201490.44	0.74586	111.95	119.11	0	ANNUAL	ROAD6	5
ROAD6	5	605503.19	4201494.01	0.56761	114.74	125.52	0	ANNUAL	ROAD6	5
ROAD6	5	605501.15	4201514.96	0.54572	117.86	118.15	0	ANNUAL	ROAD6	5
ROAD6	5	605498.6	4201538.96	0.54855	116.85	118.83	0	ANNUAL	ROAD6	5
ROAD6	5	605492.98	4201561.94	0.58375	110.59	126.56	0	ANNUAL	ROAD6	5
ROAD6	5	605466.42	4201572.67	0.52743	107.45	126.57	0	ANNUAL	ROAD6	5
ROAD6	5	605441.9	4201555.3	0.43524	113.69	126.57	0	ANNUAL	ROAD6	5
ROAD6	5	605441.9	4201530.28	0.3999	120.02	126.34	0	ANNUAL	ROAD6	5
ROAD6	5	605450.08	4201487.89	0.43677	114.64	126.57	0	ANNUAL	ROAD6	5
ROAD6	5	605450.59	4201506.27	0.42555	117.85	126.42	0	ANNUAL	ROAD6	5
ROAD6	5	605407.68	4201483.8	0.36718	114.17	126.57	0	ANNUAL	ROAD6	5
ROAD6	5	605401.04	4201524.15	0.31793	125.34	125.34	0	ANNUAL	ROAD6	5
ROAD6	5	605402.58	4201503.72	0.33301	121.76	126.42	0	ANNUAL	ROAD6	5
ROAD6	5	605392.87	4201547.64	0.31899	122.25	126.42	0	ANNUAL	ROAD6	5
ROAD6	5	605371.93	4201559.39	0.31403	117.05	126.57	0	ANNUAL	ROAD6	5
ROAD6	5	605346.39	4201549.18	0.27384	121.23	126.57	0	ANNUAL	ROAD6	5
ROAD6	5	605338.73	4201527.72	0.25419	126.29	126.57	0	ANNUAL	ROAD6	5
ROAD6	5	605347.42	4201504.74	0.27051	122.96	126.57	0	ANNUAL	ROAD6	5
ROAD6	5	605363.25	4201470.52	0.32267	109.55	131.34	0	ANNUAL	ROAD6	5
ROAD6	5	605341.29	4201471.54	0.29067	112.99	129.56	0	ANNUAL	ROAD6	5
ROAD6	5	605565.42	4201590.1	0.99671	105.85	126.41	0	ANNUAL	ROAD6	5
ROAD6	5	605546.79	4201603.32	0.8996	102.71	126.57	0	ANNUAL	ROAD6	5
ROAD6	5	605523.95	4201611.73	0.78222	101.28	126.57	0	ANNUAL	ROAD6	5
ROAD6	5	605502.92	4201612.33	0.68507	101.57	130.76	0	ANNUAL	ROAD6	5
ROAD6	5	605483.09	4201613.53	0.61221	101.6	132.33	0	ANNUAL	ROAD6	5
ROAD6	5	605456.65	4201611.13	0.53105	102.13	132.79	0	ANNUAL	ROAD6	5
ROAD6	5	605439.23	4201611.73	0.48614	102.67	132.79	0	ANNUAL	ROAD6	5
ROAD6	5	605416.39	4201604.52	0.43749	102.95	132.79	0	ANNUAL	ROAD6	5
ROAD6	5	605391.16	4201606.92	0.39227	103.29	132.79	0	ANNUAL	ROAD6	5
ROAD6	5	605367.72	4201603.92	0.34751	106.42	132.79	0	ANNUAL	ROAD6	5
ROAD6	5	605343.08	4201606.92	0.30595	109.43	132.79	0	ANNUAL	ROAD6	5
ROAD6	5	605322.05	4201586.49	0.28441	110.1	132.79	0	ANNUAL	ROAD6	5
ROAD6	5	605305.23	4201576.28	0.26271	112.41	132.79	0	ANNUAL	ROAD6	5
ROAD6	5	605285.4	4201543.23	0.22255	122.64	126.62	0	ANNUAL	ROAD6	5
ROAD6	5	605286.6	4201513.79	0.21699	126.3	126.3	0	ANNUAL	ROAD6	5
ROAD6	5	605279.99	4201489.75	0.21772	123.86	126.62	0	ANNUAL	ROAD6	5
ROAD6	5	605272.78	4201468.12	0.22192	119.34	129.35	0	ANNUAL	ROAD6	5
ROAD6	5	605315.44	4201466.31	0.26186	114.93	130.8	0	ANNUAL	ROAD6	5
ROAD6	5	605202.19	4201404.28	0.20005	103.61	132.79	0	ANNUAL	ROAD6	5
ROAD6	5	605207.14	4201438.92	0.2	109.92	132.79	0	ANNUAL	ROAD6	5
ROAD6	5	605106.29	4201530.4	0.13591	122.8	131.57	0	ANNUAL	ROAD6	5
ROAD6	5	605088.68	4201514.14	0.13065	123.58	131.57	0	ANNUAL	ROAD6	5
ROAD6	5	605067.01	4201501.96	0.12541	123.12	131.57	0	ANNUAL	ROAD6	5
ROAD6	5	605045.35	4201493.83	0.12129	121.64	131.57	0	ANNUAL	ROAD6	5
ROAD6	5	605020.97	4201489.77	0.11811	118.57	131.57	0	ANNUAL	ROAD6	5
ROAD6	5	605025.63	4201440.58	0.11811	122.24	130.86	0	ANNUAL	ROAD6	5
ROAD6	5	605009.76	4201463.46	0.11322	122.11	130.86	0	ANNUAL	ROAD6	5
ROAD6	5	605052.57	4201438.73	0.12468	122.96	130.88	0	ANNUAL	ROAD6	5
ROAD6	5	605077.3	4201449.8	0.1301	124.34	131.12	0	ANNUAL	ROAD6	5
ROAD6	5	605094.28	4201462.35	0.1322	126.91	131	0	ANNUAL	ROAD6	5
ROAD6	5	605113.1	4201473.42	0.13628	128.4	131.12	0	ANNUAL	ROAD6	5
ROAD6	5	605134.6	4201499.62	0.13952	131.2	131.2	0	ANNUAL	ROAD6	5
ROAD6	5	605151.19	4201482.44	0.1493	128.35	131.57	0	ANNUAL	ROAD6	5
ROAD6	5	605172.03	4201466.28	0.16635	121.83	131.57	0	ANNUAL	ROAD6	5
ROAD6	5	605188.98	4201454.15	0.17944	117.79	131.57	0	ANNUAL	ROAD6	5
ROAD6	5	605226.39	4201488.08	0.19234	121.28	131.57	0	ANNUAL	ROAD6	5
ROAD6	5	605207.2	4201501	0.17656	124.91	131.57	0	ANNUAL	ROAD6	5
ROAD6	5	605191.33	4201515.02	0.16325	128.86	128.86	0	ANNUAL	ROAD6	5
ROAD6	5	605168.07	4201530.53	0.15149	129.61	129.61	0	ANNUAL	ROAD6	5
ROAD6	5	605664.73	4201615.37	3.45147	103.46	119.11	0	ANNUAL	ROAD6	5
ROAD6	5	605667.86	4201640.21	3.82715	99.37	119.11	0	ANNUAL	ROAD6	5
ROAD6	5	605666.66	4201657.64	4.01848	95.83	126.16	0	ANNUAL	ROAD6	5
ROAD6	5	605181.62	4201558.83	0.15646	127.74	128.49	0	ANNUAL	ROAD6	5
ROAD6	5	605193.13	4201585.31	0.16489	122.64	132.79	0	ANNUAL	ROAD6	5
ROAD6	5	605201.19	4201601.43	0.16407	124.23	132.79	0	ANNUAL	ROAD6	5
		605208.1	4201623.31	0.15788	129.4	132.1	0	ANNUAL	ROAD6	5
		605227.67	4201640.58	0.16497	129.04	131.37	0	ANNUAL	ROAD6	5
		605249.55	4201659	0.17567	126.97	130.76	0	ANNUAL	ROAD6	5
		605271.43	4201670.51	0.18782	125.92	125.92	0	ANNUAL	ROAD6	5
		605288.7	4201676.27	0.19785	125.99	125.99	0	ANNUAL	ROAD6	5
		605226.91	4201528.1	0.18103	127.37	127.37	0	ANNUAL	ROAD6	5
		605241.22	4201548.03	0.19078	124.97	129.29	0	ANNUAL	ROAD6	5
		605269.83	4201576.12	0.22334	116.5	132.79	0	ANNUAL	ROAD6	5
		605251.44	4201595.54	0.20054	119.68	132.79	0	ANNUAL	ROAD6	5
		605262.68	4201624.15	0.19935	121.33	132.79	0	ANNUAL	ROAD6	5
		605286.18	4201633.34	0.21458	120.83	132.58	0	ANNUAL	ROAD6	5
		605303.55	4201645.09	0.22086	122.93	125.98	0	ANNUAL	ROAD6	5
		605335.73	4201683.92	0.23543	124.38	124.38	0	ANNUAL	ROAD6	5
		605355.14	4201690.56	0.25428	123.16	123.16	0	ANNUAL	ROAD6	5
		605358.21	4201654.29	0.2843	116.86	126.15	0	ANNUAL	ROAD6	5
		605379.67	4201688.01	0.28749	120.66	122.82	0	ANNUAL	ROAD6	5
		605407.25	4201655.82	0.35813	113.99	126.34	0	ANNUAL	ROAD6	5
		605382.73	4201653.78	0.32129	114.76	126.15	0	ANNUAL	ROAD6	5
		605400.1	4201689.03	0.31661	119.32	119.56	0	ANNUAL	ROAD6	5
		605423.6	4201689.54	0.3522	118.66	118.66	0	ANNUAL	ROAD6	5
		605425.13	4201659.91	0.38614	113.88	126.04	0	ANNUAL	ROAD6	5
		605440.46	4201696.18	0.37798	118.59	118.59	0	ANNUAL	ROAD6	5
		605448.12	4201661.95	0.43855	112.29	126.34	0	ANNUAL	ROAD6	5
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		605492.57	4201664	0.59367	107.42	126.42	0	ANNUAL	ROAD6	5
		605483.88	4201705.38	0.48116	116	117.43	0	ANNUAL	ROAD6	5
		605507.9	4201666.04	0.66807	105.52	126.42	0	ANNUAL	ROAD6	5
		605506.45	4201709.81	0.57377	112.77	118.64	0	ANNUAL	ROAD6	5
		605535.44	4201664.55	0.83973	101.86	126.57	0	ANNUAL	ROAD6	5
		605558.77	4201654.65	1.04388	98.03	126.57	0	ANNUAL	ROAD6	5
		605579.28	4201648.29	1.25037	96.88	126.57	0	ANNUAL	ROAD6	5
		605596.96	4201631.32	1.44521	98.75	126.56	0	ANNUAL	ROAD6	5
		605612.51	4201618.59	1.64029	101.39	126.34	0	ANNUAL	ROAD6	5
		605617.31	4201676.04	1.87869	95.68	126.42	0	ANNUAL	ROAD6	5
		605590.91	4201684.04	1.36759	98.53	126.42	0	ANNUAL	ROAD6	5
		605573.79	4201690.78	1.12207	101.47	126.34	0	ANNUAL	ROAD6	5
		605554.89	4201703.55	0.90038	105.61	119.26	0	ANNUAL	ROAD6	5
		605529.85	4201708.66	0.69871	109.8	118.9	0	ANNUAL	ROAD6	5
		607410.62	4201477.67	0.04403	69.16	69.16	0	ANNUAL	ROAD6	5
		607437.11	4201475.93	0.04277	69.08	69.08	0	ANNUAL	ROAD6	5
		607455.35	4201475.06	0.04193	69.01	69.01	0	ANNUAL	ROAD6	5
		607474.9	4201475.93	0.04104	68.94	68.94	0	ANNUAL	ROAD6	5
		607499.22	4201472.89	0.04001	68.86	68.86	0	ANNUAL	ROAD6	5
		607517.46	4201473.76	0.03924	68.8	68.8	0	ANNUAL	ROAD6	5
		607405.41	4201505.03	0.04408	68.64	68.64	0	ANNUAL	ROAD6	5
		607415.83	4201531.52	0.04333	68.24	68.24	0	ANNUAL	ROAD6	5
		607441.02	4201532.39	0.04212	68.26	68.26	0	ANNUAL	ROAD6	5
		607461	4201530.65	0.04123	68.35	68.35	0	ANNUAL	ROAD6	5
		607482.71	4201528.05	0.04029	68.37	68.37	0	ANNUAL	ROAD6	5
		607507.9	4201522.4	0.03927	68.39	68.39	0	ANNUAL	ROAD6	5
		607483.15	4201562.79	0.03995	67.82	67.82	0	ANNUAL	ROAD6	5
		607510.51	4201563.23	0.03879	67.7	67.7	0	ANNUAL	ROAD6	5
		607509.64	4201539.77	0.03905	68.14	68.14	0	ANNUAL	ROAD6	5
		607462.74	4201564.09	0.04082	67.77	67.77	0	ANNUAL	ROAD6	5
		607441.46	4201563.66	0.04179	67.78	67.78	0	ANNUAL	ROAD6	5
		607558.28	4201479.41	0.03758	68.74	68.74	0	ANNUAL	ROAD6	5
		607579.99	4201477.67	0.03677	68.64	68.64	0	ANNUAL	ROAD6	5
		607598.67	4201478.97	0.03608	68.51	68.51	0	ANNUAL	ROAD6	5
		607623.86	4201478.54	0.03519	68.32	68.32	0	ANNUAL	ROAD6	5

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607681.24	4201526.11	0.04561	68.21	68.21	0 ANNUAL	RORN	S
607687.19	4201526.11	0.04561	68.21	68.21	0 ANNUAL	RORN	S
607688.25	4201535.85	0.04564	68.23	68.23	0 ANNUAL	RORN	S
607664.94	4201522.6	0.04703	68.33	68.33	0 ANNUAL	RORN	S
607663.08	4201511.11	0.04693	68.28	68.28	0 ANNUAL	RORN	S
607663.93	4201541.09	0.04671	67.69	67.69	0 ANNUAL	RORN	S
607665.53	4201585.9	0.04636	66.79	66.11	0 ANNUAL	RORN	S
607671.01	4201602.75	0.04591	61.85	68.01	0 ANNUAL	RORN	S
607703.93	4201605.86	0.04582	64.95	64.95	0 ANNUAL	RORN	S
607756.4	4201633.95	0.04509	63.65	63.65	0 ANNUAL	RORN	S
607756.4	4201637.99	0.0506	62.26	62.26	0 ANNUAL	RORN	S
607768.62	4201581.15	0.05065	61.32	82.06	0 ANNUAL	RORN	S
607737.15	4201566.77	0.05114	61.16	82.06	0 ANNUAL	RORN	S
607737.15	4201566.77	0.05113	61.16	82.06	0 ANNUAL	RORN	S
607703.53	4201566.06	0.05172	61.34	82.06	0 ANNUAL	RORN	S
607682.14	4201622.15	0.0522	61.07	82.06	0 ANNUAL	RORN	S
607661.57	4201609.62	0.05366	60.68	82.06	0 ANNUAL	RORN	S
607629.62	4201625.88	0.05392	59.66	82.06	0 ANNUAL	RORN	S
607603.72	4201606.08	0.05467	61.18	82.06	0 ANNUAL	RORN	S
607586.51	4201620.93	0.05522	60.42	82.06	0 ANNUAL	RORN	S
607603.11	4201587.7	0.05506	63.52	68.19	0 ANNUAL	RORN	S
607615.67	4201566.48	0.05479	66.75	68.1	0 ANNUAL	RORN	S
607669.08	4201537.29	0.05387	67.67	67.67	0 ANNUAL	RORN	S
607687.52	4201512.12	0.0532	68.04	68.04	0 ANNUAL	RORN	S
607689.92	4201512.12	0.05316	68.6	68.6	0 ANNUAL	RORN	S
607672.95	4201521.22	0.05327	68.02	68.02	0 ANNUAL	RORN	S
607756.09	4201532.22	0.05174	65.26	65.26	0 ANNUAL	RORN	S
607737.2	4201583.03	0.05152	66.47	66.47	0 ANNUAL	RORN	S
607771.38	4201681.12	0.0522	67.46	67.46	0 ANNUAL	RORN	S
607691.87	4201684.45	0.05282	67.96	67.96	0 ANNUAL	RORN	S
607675.27	4201685.76	0.05337	68.07	68.07	0 ANNUAL	RORN	S
607627.56	4201682.75	0.05221	66.7	66.7	0 ANNUAL	RORN	S
607655.14	4201628.9	0.0506	62.81	65.73	0 ANNUAL	RORN	S
607693.99	4201618.1	0.0516	64.25	64.25	0 ANNUAL	RORN	S
607675.65	4201620.21	0.0595	62.23	67	0 ANNUAL	RORN	S
607628.78	4201606.08	0.0179	62.82	68.13	0 ANNUAL	RORN	S
607614.18	4201609.62	0.05422	60.68	82.06	0 ANNUAL	RORN	S
607614.18	4201609.62	0.05412	59.44	82.06	0 ANNUAL	RORN	S
607683.71	4201675.39	0.05622	59.39	82.06	0 ANNUAL	RORN	S
607628.06	4201676.37	0.05511	58.83	82.06	0 ANNUAL	RORN	S
607687.58	4201682.32	0.05403	58.96	82.06	0 ANNUAL	RORN	S
607571.44	4201713.51	0.05671	59.41	82.06	0 ANNUAL	RORN	S
607581.63	4201684.09	0.05654	58.65	82.06	0 ANNUAL	RORN	S
607523.01	4201691.84	0.05671	59.74	82.06	0 ANNUAL	RORN	S
607602.33	4201677.74	0.05769	60.4	60.4	0 ANNUAL	RORN	S
607582.05	4201664.05	0.05867	60.93	60.93	0 ANNUAL	RORN	S
607559.52	4201658.18	0.06075	63.13	63.13	0 ANNUAL	RORN	S
607563.12	4201659.05	0.06076	61.7	61.7	0 ANNUAL	RORN	S
607563.12	4201659.05	0.05957	61.7	61.7	0 ANNUAL	RORN	S
607561.85	4201716.71	0.05962	61.4	61.4	0 ANNUAL	RORN	S
607517.52	4201708.66	0.06097	62.18	62.18	0 ANNUAL	RORN	S
607478.35	4201723.23	0.06809	60.69	60.69	0 ANNUAL	RORN	S
607459.04	4201719.25	0.06895	60.96	60.96	0 ANNUAL	RORN	S
607605.75	4201731.18	0.05686	59.96	82.06	0 ANNUAL	RORN	S
607688.79	4201747.08	0.05686	59.18	82.06	0 ANNUAL	RORN	S
607693.23	4201770.36	0.05667	59.31	82.06	0 ANNUAL	RORN	S
607669.93	4201761.27	0.05791	59.97	59.97	0 ANNUAL	RORN	S
607653.52	4201789.92	0.05887	60.62	60.62	0 ANNUAL	RORN	S
607622.82	4201792.58	0.05973	61.28	61.28	0 ANNUAL	RORN	S
607622.82	4201792.58	0.06073	60.63	60.63	0 ANNUAL	RORN	S
607622.21	4201797.62	0.06018	59.55	59.55	0 ANNUAL	RORN	S
607626.11	4201815.5	0.05907	59.47	59.47	0 ANNUAL	RORN	S
607601.63	4201836.14	0.05924	59.56	59.56	0 ANNUAL	RORN	S
607571.54	4201837.83	0.05718	59.4	80.91	0 ANNUAL	RORN	S
607653.12	4201817.69	0.05625	59.8	82.06	0 ANNUAL	RORN	S
607553.31	4201711.12	0.06094	60.86	82.06	0 ANNUAL	RORN	S
607583.98	4201765.25	0.05988	60.98	82.06	0 ANNUAL	RORN	S
607577.19	4201791.94	0.05979	60.48	82.06	0 ANNUAL	RORN	S
607536.3	4201792.51	0.05972	61.52	82.06	0 ANNUAL	RORN	S
607581.39	4201838.98	0.05869	61.29	82.06	0 ANNUAL	RORN	S
607573.23	4201839.28	0.05967	60.83	82.06	0 ANNUAL	RORN	S
607526.27	4201839.28	0.06064	60.37	82.06	0 ANNUAL	RORN	S
607526.27	4201839.56	0.05955	61.47	82.06	0 ANNUAL	RORN	S
607467.58	4201780.87	0.05355	66.64	82.06	0 ANNUAL	RORN	S
607436.96	4201847.56	0.05301	59.65	82.06	0 ANNUAL	RORN	S
607464.96	4201902.67	0.05211	66.77	82.06	0 ANNUAL	RORN	S
607455.79	4201942.74	0.0525	60.85	82.06	0 ANNUAL	RORN	S
607487.16	4201988.32	0.0515	67.62	82.06	0 ANNUAL	RORN	S
6076.71	4201917.91	0.05198	61.79	82.06	0 ANNUAL	RORN	S
607708.3	4201885.6	0.05094	66.8	82.06	0 ANNUAL	RORN	S
607481.99	4201910.19	0.05151	62.08	82.06	0 ANNUAL	RORN	S
607715.16	4201836.81	0.05093	62.94	82.06	0 ANNUAL	RORN	S
607715.16	4201836.81	0.05092	62.94	82.06	0 ANNUAL	RORN	S
607733.02	4201846.81	0.05004	64.47	82.06	0 ANNUAL	RORN	S
607754.26	4201874.02	0.05973	66.65	82.06	0 ANNUAL	RORN	S
607754.74	4201841.98	0.05989	63.73	82.06	0 ANNUAL	RORN	S
607816.69	4201851.9	0.06323	61.47	87.03	0 ANNUAL	RORN	S
607307.87	4201899.65	0.06276	62.07	75.56	0 ANNUAL	RORN	S
607276.28	4201925.31	0.06352	65.93	75.56	0 ANNUAL	RORN	S
607279.97	4201945.82	0.06328	65.85	75.95	0 ANNUAL	RORN	S
607284.07	4201963.88	0.06268	65.8	76.66	0 ANNUAL	RORN	S
607293.04	4201988.91	0.06191	65.79	76.87	0 ANNUAL	RORN	S
607281.25	4202005.74	0.06183	66.73	77.27	0 ANNUAL	RORN	S
607314.37	4202016.13	0.06101	67.21	77.46	0 ANNUAL	RORN	S
607343.97	4202016.13	0.06101	67.21	75.46	0 ANNUAL	RORN	S
607271.91	4202015.5	0.06125	69.68	76.9	0 ANNUAL	RORN	S
607402.85	4201961.9	0.05922	60.07	60.07	0 ANNUAL	RORN	S
607383.97	4201982.31	0.0597	60.18	60.18	0 ANNUAL	RORN	S
607381.54	4201922.71	0.05921	61.03	61.03	0 ANNUAL	RORN	S
607778.7	4201943.65	0.05877	62.17	68.61	0 ANNUAL	RORN	S
607369.05	4201993.63	0.05854	65.35	67.89	0 ANNUAL	RORN	S
607368.03	4201937.94	0.05926	63.8	75.69	0 ANNUAL	RORN	S
607386.86	4201972.72	0.05758	63.08	76.66	0 ANNUAL	RORN	S
607259.99	4201936.79	0.06063	68.08	79.74	0 ANNUAL	RORN	S
607303.23	4201937.98	0.06012	56.89	94.23	0 ANNUAL	RORN	S
607315.8	4201976.38	0.05965	54.11	95.66	0 ANNUAL	RORN	S
607315.8	4201976.38	0.05966	54.11	95.66	0 ANNUAL	RORN	S
607321.2	4202019.5	0.05884	66.19	75.21	0 ANNUAL	RORN	S
607151.69	4201919.61	0.05505	53.01	100.34	0 ANNUAL	RORN	S
607135.38	4201914.13	0.05438	51.38	100.34	0 ANNUAL	RORN	S
607199.68	4201772.19	0.05379	49.98	100.34	0 ANNUAL	RORN	S
607166.05	4201913.12	0.0531	49.14	100.34	0 ANNUAL	RORN	S
607162.23	4201652.61	0.0518	47.8	100.34	0 ANNUAL	RORN	S
607145.92	4201679.12	0.05122	47.02	100.34	0 ANNUAL	RORN	S
607150.03	4201861.18	0.0507	46.86	100.34	0 ANNUAL	RORN	S
607156.58	4201712.11	0.05007	46.18	100.34	0 ANNUAL	RORN	S
607063.52	4201656.11	0.05025	48.18	100.34	0 ANNUAL	RORN	S
607063.12	4201656.11	0.05024	48.18	100.34	0 ANNUAL	RORN	S
607053.12	4201663.69	0.05353	47.3	100.34	0 ANNUAL	RORN	S
607058.69	4201713.41	0.05157	46.81	100.34	0 ANNUAL	RORN	S
607026.21	4201651.16	0.05684	53.8	100.34	0 ANNUAL	RORN	S
607029.94	4201641.66	0.05752	51.96	100.34	0 ANNUAL	RORN	S
607024.05	4201679.72	0.0588	50.72	100.34	0 ANNUAL	RORN	S
607003.61	4201680.65	0.05984	49.57	100.34	0 ANNUAL	RORN	S
607228.68	4202216.13	0.05893	66.65	95.46	0 ANNUAL	RORN	S
607226.68	4202254.6	0.05853	68.87	77.34	0 ANNUAL	RORN	S
607216.65	4202269.57	0.05877	72.27	76.96	0 ANNUAL	RORN	S
607202.62	4202281.16	0.05905	76.22	76.69	0 ANNUAL	RORN	S
607187.17	4202296.06	0.05934	76.41	76.41	0 ANNUAL	RORN	S
607162.17	4202296.06	0.05934	76.41	76.85	0 ANNUAL	RORN	S
607173.88	4202318.09	0.05962	77.11	77.15	0 ANNUAL	RORN	S
607107.2	4202315.66	0.05972	76.85	76.85	0 ANNUAL	RORN	S
607151.17	4202340.16	0.05965	76.54	76.54	0 ANNUAL	RORN	S
607145.14	4202342.84	0.05974	75.74	75.74	0 ANNUAL	RORN	S
607150.64	4202366.21	0.05999	76.75	76.75	0 ANNUAL	RORN	S
607126.63	4202362.25	0.05965	73.96	73.96	0 ANNUAL	RORN	S
607116.4	4202391.6	0.5999	73.55	73.55	0 ANNUAL	RORN	S
607101.71	4202422.3	0.06012	72.84	74.34	0 ANNUAL	RORN	S
607093.68	4201616.15	0.06025	71.69	94.93	0 ANNUAL	RORN	S
607079.61	4202127.69	0.06053	70.57	95.46	0 ANNUAL	RORN	S
607051.96	4202175.22	0.05951	61.76	100.34	0 ANNUAL	RORN	S
607051.96	4202175.22	0.05952	61.76	100.34	0 ANNUAL	RORN	S
607029.63	4202028.56	0.05898	57.22	100.34	0 ANNUAL	RORN	S
607027.66	4202029.85	0.05902	55.77	100.34	0 ANNUAL	RORN	S
607081.85	4201988.62	0.06329	67.71	94.97	0 ANNUAL	RORN	S
607151.85	4201988.62	0.05186	72.25	75.78	0 ANNUAL	RORN	S
607181.85	4201988.62	0.06083	75.08	75.08	0 ANNUAL	RORN	S
607151.85	4201988.62	0.06162	72.26	74.31	0 ANNUAL	RORN	S
607181.85	4201988.62	0.06112	65.71	76.15	0 ANNUAL	RORN	S
607151.85	4201988.62	0.06064	61.34	76.39	0 ANNUAL	RORN	S
607181.85	4201988.62	0.05958	62.76	68.61	0 ANNUAL	RORN	S
607181.85	4201988.62	0.05572	75.11	75.11	0 ANNUAL	RORN	S
607181.85	4201988.62	0.06709	76.85	76.85	0 ANNUAL	RORN	S
607181.85	4201988.62	0.06709	76.16	76.16	0 ANNUAL	RORN	S
607151.85	4201988.62	0.06676	76.85	74.85	0 ANNUAL	RORN	S
607181.85	4201988.62	0.06201	66.75	77.17	0 ANNUAL	RORN	S
607181.85	4201988.62	0.05974	66.38	75.74	0 ANNUAL	RORN	S
607181.85	4201988.62	0.0178	66.9	67.89	0 ANNUAL	RORN	S
607081.85	4201988.62	0.05129	78.52	87.66	0 ANNUAL	RORN	S
607151.85	4201988.62	0.06906	78.54	78.54	0 ANNUAL	RORN	S
607151.85	4201988.62	0.06921	77.68	77.68	0 ANNUAL	RORN	S
607151.85	4201988.62	0.06913	75.54	75.54	0 ANNUAL	RORN	S
607181.85	4201988.62	0.06394	67.31	77.53	0 ANNUAL	RORN	S
607181.85	4201988.62	0.05962	66.93	66.93	0 ANNUAL	RORN	S
607181.85	4201988.62	0.05882	66.73	66.13	0 ANNUAL	RORN	S
607181.85	4201988.62	0.05064	82.84	86.7	0 ANNUAL	RORN	S
607181.85	4201988.62	0.04761	80.25	80.25	0 ANNUAL	RORN	S
607181.85	4201988.62	0.04675	77.07	77.07	0 ANNUAL	RORN	S
607151.85	4201988.62	0.04223	73.27	75.44	0 ANNUAL	RORN	S
607181.85	4201988.62	0.03977	66.27	78.72	0 ANNUAL	RORN	S
607151.85	4201988.62	0.03762	62.6	77.21	0 ANNUAL	RORN	S
607181.85	4201988.62	0.03567	59.78	76.18	0 ANNUAL	RORN	S
607181.85	4201988.62	0.06898	83.52	83.52	0 ANNUAL	RORN	S
607151.85	4201988.62	0.0561	80.19	80.19	0 ANNUAL	RORN	S
607151.85	4201988.62	0.05863	82.79	95.46	0 ANNUAL	RORN	S
607151.85	4201988.62	0.06063	82.79	95.46	0 ANNUAL	RORN	S
607181.85	4201988.62	0.06057	59.01	95.46	0 ANNUAL	RORN	S
607151.85	4201988.62	0.06056	56.47	94.23	0 ANNUAL	RORN	S
607181.85	4201988.62	0.06055	56.85	81.55	0 ANNUAL	RORN	S
607181.85	4201988.62	0.06727	80.07	95.28	0 ANNUAL	RORN	S
607151.85	4201988.62	0.06565	75.35	95.28	0 ANNUAL	RORN	S
607181.85	4201988.62	0.06163	63.93	95.46	0 ANNUAL	RORN	S
607151.85	4201988.62	0.05934	61.16	95.46	0 ANNUAL	RORN	S
607181.85	4201988.62	0.05726	58.97	95.46	0 ANNUAL	RORN	S
607181.85	4201988.62	0.0558	57.9	93.38	0 ANNUAL	RORN	S
607081.85	4201988.62	0.06514	75.03	95.46	0 ANNUAL	RORN	S
607151.85	4201988.62	0.06284	69.29	95.46	0 ANNUAL	RORN	S
607181.85	4201988.62	0.06261	67.52	95.46	0 ANNUAL	RORN	S
607151.85	4201988.62	0.06041	67.52	93.38	0 ANNUAL	RORN	S
607181.85	4201988.62	0.05947	66.95	76.94	0 ANNUAL	RORN	S
607181.85	4201988.62	0.0547	66.57	67.23	0 ANNUAL	RORN	S
607181.85	4201988.62	0.04655	76.77	95.46	0 ANNUAL	RORN	S
607151.85	4201988.62	0.04366	76.33	95.46	0 ANNUAL	RORN	S
607181.85	4201988.62	0.03951	75.58	76.85	0 ANNUAL	RORN	S
607151.85	4201988.62	0.03763	75.79	75.79	0 ANNUAL	RORN	S
607181.85	4201988.62	0.03555	70.16	76.66	0 ANNUAL	RORN	S
607151.85	4201988.62	0.03378	67.21	67.21	0 ANNUAL	RORN	S
607181.85	4201988.62	0.06262	76.26	95.46	0 ANNUAL	RORN	S
607151.85	4201988.62	0.05963	74.1	74.1	0 ANNUAL	RORN	S
607181.85	4201988.62	0.05656	75.84	75.84	0 ANNUAL	RORN	S
607151.85	4201988.62	0.05645	76.72	74.72	0 ANNUAL	RORN	S
607151.85	4201988.62	0.05455	66.28	77.16	0 ANNUAL	RORN	S
607151.85	4201988.62	0.05286	66.11	67.56	0 ANNUAL	RORN	S
607181.85	4201988.62	0.05141	67.61	67.61	0 ANNUAL	RORN	S
607151.85	4201988.62	0.02988	62.36	71.21	0 ANNUAL	RORN	S
607181.85	4201988.62	0.02815	60.1	70.99	0 ANNUAL	RORN	S
607151.85	4201988.62	0.02734	58.98	69.06	0 ANNUAL	RORN	S
607181.85	4201988.62	0.0262	57.16	63.69	0 ANNUAL	RORN	S
607151.85	4201988.62	0.02512	54.9	61.69	0 ANNUAL	RORN	S
607181.85	4201988.62	0.02413	52.6	52.6	0 ANNUAL	RORN	S
607151.85	4201988.62	0.02313	52.4	52.4	0 ANNUAL	RORN	S
607181.85	4201988.62	0.06118	76.31	74.31	0 ANNUAL	RORN	S
607151.85	4201988.62	0.05952	71.29	74.72	0 ANNUAL	RORN	S
607181.85	4201988.62	0.05705	69.52	77.08	0 ANNUAL	RORN	S
607151.85	4201988.62	0.05514	65.78	77.16	0 ANNUAL	RORN	S
607181.85	4201988.62	0.03352	60.39	77.34	0 ANNUAL	RORN	S
607151.85	4201988.62	0.06188	62.67	76.66	0 ANNUAL	RORN	S
607181.85	4201988.62	0.05556	62.32	69.05	0 ANNUAL	RORN	S
607151.85	4201988.62	0.02897	56.24	71.21	0 ANNUAL	RORN	S
607181.85	4201988.62	0.02771	54.67	71.21	0 ANNUAL	RORN	S
607151.85	4201988.62	0.05654	53.41	70.99	0 ANNUAL	RORN	S
607181.85	4201988.62	0.02547	51.96	69.06	0 ANNUAL	RORN	S
607151.85	4201988.62	0.02433	50.49	69.06	0 ANNUAL	RORN	S
607181.85	4201988.62	0.02313	49.49	49.49	0 ANNUAL	RORN	S
607151.85	4201988.62	0.02368	69.72	69.72	0 ANNUAL	RORN	S
607181.85	4201988.62	0.03954	67.16	95.46	0 ANNUAL	RORN	S
607151.85	4201988.62	0.03763	62.11	95.46	0 ANNUAL	RORN	S
607181.85	4201988.62	0.03558	59.83	95.46	0 ANNUAL	RORN	S
607151.85	4201988.62	0.03384	57.12	95.46	0 ANNUAL	RORN	S
607181.85	4201988.62	0.03227	55.72	77.34	0 ANNUAL	RORN	S
607151.85	4201988.62	0.05086	56.23	77.34	0 ANNUAL	RORN	S
607181.85	4201988.62	0.02912	55.76	76.66	0 ANNUAL	RORN	S
607151.85	4201988.62	0.02821	53.8	70.36	0 ANNUAL	RORN	S
607181.85	4201988.62	0.02731	52.78	69.06	0 ANNUAL	RORN	S
607151.85	4201988.62	0.02586	49.27	70.99	0 ANNUAL	RORN	S
607181.85	4201988.62	0.02484	68.71	67.96	0 ANNUAL	RORN	S
607151.85	4201988.62	0.02388	48.1	48.1	0 ANNUAL	RORN	S
607181.85	4201988.62	0.02299	67.63	67.63	0 ANNUAL	RORN	S
607151.85	4201988.62	0.02217	47.01	47.01	0 ANNUAL	RORN	S
607181.85	4201988.62	0.02778	57.99	100.34	0 ANNUAL	RORN	S
607151.85	4201988.62	0.05596	55.68	100.34	0 ANNUAL	RORN	S
607181.85	4201988.62	0.03428	53.75	95.68	0 ANNUAL	RORN	S
607151.85	4201988.62	0.03273	52.8	95.46	0 ANNUAL	RORN	S
607181.85	4201988.62	0.03128	52.1	94.93	0 ANNUAL	RORN	S
607151.85	4201988.62	0.05968	76.85	76.85	0 ANNUAL	RORN	S
607181.85	4201988.62	0.05867	51.89	75.75	0 ANNUAL	RORN	S
607151.85	4201988.62	0.05767	50.73	69.26	0 ANNUAL	RORN	S
607181.85	4201988.62	0.05664	49.81	68.21	0 ANNUAL	RORN	S
607151.85	4201988.62	0.03328	68.58	68.58	0 ANNUAL	RORN	S
607181.85	4201988.62	0.03228	67.34	87.07	0 ANNUAL	RORN	S
607151.85	4201988.62	0.02356	66.52	66.52	0 ANNUAL	RORN	S
607181.85	4201988.62	0.0125	66.03	66.03	0 ANNUAL	RORN	S
607151.85	4201988.62	0.02169	65.28	65.28	0 ANNUAL	RORN	S
607181.85	4201988.62	0.05625	53.06	100.34	0 ANNUAL	RORN	S
607151.85	4201988.62	0.05564	51.89	100.34	0 ANNUAL	RORN	S
607181.85	4201988.62	0.0551	50.48	100.34	0 ANNUAL	RORN	S
607151.85	4201988.62	0.05366	49.31	95.46	0 ANNUAL	RORN	S
607181.85	4201988.62	0.05208	48.09	88.6	0 ANNUAL	RORN	S
607151.85	4201988.62	0.02958	48.09	88.6	0 ANNUAL	RORN	S
607181.85	4201988.62	0.0279	68.84	88.6	0 ANNUAL	RORN	S
607151.85	4201988.62	0.02678	68.46	88.6	0 ANNUAL	RORN	S
607181.85	4201988.62	0.02572	67.98	88.6	0 ANNUAL	RORN	S
607151.85	4201988.62	0.02471	67.05	88.6	0 ANNUAL	RORN	S
607181.85	4201988.62	0.02375	65.85	88.6	0 ANNUAL	RORN	S
607151.85	4201988.62	0.02286	65.02	88.6	0 ANNUAL	RORN	S
607181.85	4201988.62	0.02203	64.03	88.6	0 ANNUAL	RORN	S
607151.85	4201988.62	0.05125	63.88	88.58	0 ANNUAL	RORN	S
607181.85	4201988.62	0.05079	49.52	100.34	0 ANNUAL	RORN	S
607151.85	4201988.62	0.05022	48.69	100.34	0 ANNUAL	RORN	S
607181.85	4201988.62	0.05162	48.08	100.34	0 ANNUAL	RORN	S
607151.85	4201988.62	0.05215	67.95	100.34	0 ANNUAL	RORN	S
607181.85	4201988.62	0.05306	66.85	100.34	0 ANNUAL	RORN	S
607151.85	4201988.62	0.05393	66.65	100.34	0 ANNUAL	RORN	S
607181.85	4201988.62	0.0507	65.89	100.34	0 ANNUAL	RORN	S
607151.85	4201988.62	0.02971	65.51	100.34	0 ANNUAL	RORN	S

** CONCONT=g /o=3
** DEPUNIT=g/in *2

* AERMOD (19191)
* AERMET (14134)
Unit Concentrations
RANCH HRA -ALL PHASES

X	Y	AREA2 AVERAGE CONC	AREA3 AVERAGE CONC	ROAD1 AVERAGE CONC	ROAD2 AVERAGE CONC	ROAD3 AVERAGE CONC	ROAD4 AVERAGE CONC
X	Y						
606771.32	4200808.57	52057.33116	155511.5541	0.08488	0.08498	0.04666	0.04498
606787.8	4200808.22	52077.64805	144532.8459	0.08645	0.08689	0.04598	0.04418
606807.8	4200808.22	51448.48698	129919.5236	0.09263	0.09273	0.04694	0.04487
606827.8	4200808.22	50743.4416	117918.5764	0.09855	0.09846	0.04723	0.04515
606847.8	4200808.22	49936.44365	107817.4147	0.10527	0.10493	0.04756	0.04536
606867.8	4200808.22	49044.14784	99211.71167	0.11284	0.11219	0.04773	0.04526
606887.8	4200808.22	48131.88921	91866.24705	0.12011	0.1193	0.04774	0.04539
606907.8	4200808.22	47166.32782	85466.45737	0.12864	0.12706	0.04822	0.04576
606927.8	4200808.22	46201.01763	79890.25681	0.13855	0.13642	0.04848	0.04592
606947.8	4200808.22	45223.0614	74967.92316	0.14935	0.14655	0.04867	0.04599
606767.8	4200828.22	57350.28091	155309.5667	0.07943	0.08004	0.04887	0.04722
606787.8	4200828.22	56981.93346	140336.6	0.08291	0.08356	0.04949	0.04763
606807.8	4200828.22	55956.66595	126036.0946	0.08872	0.08925	0.05015	0.04814
606827.8	4200828.22	54881.54084	114396.0238	0.09503	0.0954	0.05072	0.0484
606847.8	4200828.22	53803.08474	104780.2993	0.10165	0.10182	0.05108	0.04874
606867.8	4200828.22	52693.33195	96634.10726	0.10898	0.10885	0.05159	0.04908
606887.8	4200828.22	51533.0982	89601.82619	0.11633	0.11618	0.05164	0.04914
606907.8	4200828.22	50335.72809	83469.99993	0.12471	0.12391	0.05224	0.0496
606927.8	4200828.22	49138.14782	78101.12581	0.13491	0.13348	0.05275	0.04996
606947.8	4200828.22	47946.99474	73360.72938	0.14597	0.14392	0.05313	0.05019
606967.8	4200828.22	46749.47476	69128.02533	0.15835	0.1555	0.05344	0.05035
606987.8	4200828.22	45556.84484	65328.63306	0.1721	0.16843	0.05365	0.05042
606747.8	4200848.22	62987.27779	161980.7128	0.07322	0.07409	0.05153	0.05004
606767.8	4200848.22	62579.15821	147197.3767	0.07637	0.0772	0.05195	0.05034
606787.8	4200848.22	61943.43862	133908.0436	0.07951	0.08048	0.05277	0.05093
606807.8	4200848.22	60608.39412	120945.0068	0.08497	0.08588	0.05356	0.05147
606827.8	4200848.22	59242.18055	110265.7756	0.09086	0.09168	0.05414	0.05168
606847.8	4200848.22	57848.87444	101293.5131	0.09686	0.09802	0.05473	0.05214
606867.8	4200848.22	56441.3622	93645.49235	0.10405	0.105	0.05544	0.05268
606887.8	4200848.22	55004.96396	87017.45345	0.11154	0.11218	0.05584	0.05323
606907.8	4200848.22	53557.13849	81223.29463	0.12016	0.12015	0.05661	0.05383
606927.8	4200848.22	52111.10722	76116.92934	0.13044	0.12983	0.05739	0.05442
606947.8	4200848.22	50683.38857	71589.55421	0.1417	0.14051	0.05805	0.05487
606967.8	4200848.22	49272.27949	67542.69697	0.15423	0.1523	0.05861	0.05523
606987.8	4200848.22	47881.92912	63902.86705	0.16822	0.16553	0.05905	0.05548
607107.8	4200848.22	40106.30839	47948.54902	0.30118	0.28705	0.05941	0.0552
607127.8	4200848.22	38922.8397	45981.50889	0.33611	0.31796	0.05919	0.05502
607147.8	4200848.22	37768.99422	44152.93426	0.37708	0.35414	0.05906	0.05496
607167.8	4200848.22	36653.65463	42453.86219	0.42527	0.39626	0.05896	0.05493
607187.8	4200848.22	35568.71132	40866.82242	0.48374	0.44686	0.05904	0.0551
607207.8	4200848.22	34514.71166	39381.27565	0.55629	0.50873	0.05937	0.0555
607227.8	4200848.22	33500.57902	37993.42726	0.64634	0.58449	0.0597	0.05577
606747.8	4200868.22	69047.20766	151565.5533	0.06964	0.07075	0.05426	0.05284
606767.8	4200868.22	68361.02356	139104.5775	0.07232	0.07347	0.05474	0.0532
606787.8	4200868.22	67190.68503	126866.2019	0.07499	0.07653	0.05533	0.05361
606807.8	4200868.22	65496.375	115396.975	0.08024	0.08198	0.05663	0.05445
606827.8	4200868.22	63774.50809	105751.2079	0.08613	0.0876	0.0578	0.05523
606847.8	4200868.22	62024.70433	97514.3627	0.09216	0.09377	0.05865	0.05603
606867.8	4200868.22	60277.30462	90422.1408	0.09897	0.10064	0.05926	0.0568
606887.8	4200868.22	58533.10083	84242.24064	0.10635	0.10759	0.06025	0.05759
606907.8	4200868.22	56800.31904	78809.36958	0.11494	0.1156	0.0613	0.05841
606927.8	4200868.22	55089.6855	73997.35032	0.1252	0.12524	0.06236	0.05926
606947.8	4200868.22	53409.64689	69706.90848	0.13646	0.1362	0.06338	0.06002
607047.8	4200868.22	45621.21088	53764.24621	0.21797	0.21262	0.06661	0.06198
607067.8	4200868.22	44188.20323	51356.04765	0.24166	0.23438	0.06683	0.06201
607087.8	4200868.22	42796.98143	49135.90153	0.2691	0.25943	0.06693	0.06197
607107.8	4200868.22	41453.48337	47085.71378	0.30081	0.28785	0.06688	0.06184
607127.8	4200868.22	40153.9536	45185.63022	0.33783	0.3207	0.06674	0.06168
607147.8	4200868.22	38896.13299	43418.73887	0.38147	0.35914	0.06656	0.06154
607167.8	4200868.22	37681.23386	41772.40418	0.4335	0.40452	0.06643	0.06147
607187.8	4200868.22	36506.86476	40234.12324	0.49695	0.45919	0.06644	0.06158
607207.8	4200868.22	35375.74091	38795.57671	0.57552	0.52578	0.06658	0.06182
607227.8	4200868.22	34283.3363	37445.71006	0.67607	0.6095	0.06699	0.06226
606755.19	4200886.81	75245.10385	139503.3263	0.06602	0.06742	0.05665	0.05528
606767.8	4200888.22	74771.8836	131414.7725	0.06711	0.06848	0.05733	0.05583
606787.8	4200888.22	72732.48862	119786.8771	0.07067	0.07233	0.05854	0.05691
606807.8	4200888.22	70584.0912	109714.0964	0.07569	0.07783	0.06005	0.05796
606827.8	4200888.22	68425.77629	101069.4191	0.08123	0.08322	0.06151	0.059
606847.8	4200888.22	66281.77799	93599.39802	0.08718	0.08918	0.06278	0.06005
606867.8	4200888.22	64164.19937	87090.17293	0.09361	0.09578	0.06386	0.06111
606887.8	4200888.22	62072.36269	81364.95425	0.1007	0.10229	0.06484	0.06219
606907.8	4200888.22	60035.68108	76308.93177	0.10915	0.11042	0.06619	0.06329
606927.8	4200888.22	58032.60012	71794.77961	0.11931	0.12036	0.06767	0.0645
607027.8	4200888.22	48951.93537	55112.02175	0.19098	0.18881	0.07377	0.06888
607047.8	4200888.22	47304.93444	52601.51627	0.21223	0.20856	0.07461	0.06939
607067.8	4200888.22	45721.98149	50294.57352	0.23655	0.23104	0.07523	0.06969
607087.8	4200888.22	44195.12572	48164.20164	0.2649	0.25705	0.07566	0.06985
607107.8	4200888.22	42725.24328	46192.0796	0.29804	0.28688	0.07591	0.06989
607127.8	4200888.22	41310.29174	44361.21669	0.33707	0.32161	0.07597	0.06983
607147.8	4200888.22	39951.65305	42658.77204	0.3831	0.36223	0.07584	0.06965
607167.8	4200888.22	38641.82007	41068.73739	0.43871	0.41068	0.07569	0.06952
607187.8	4200888.22	37378.04783	39579.78787	0.50735	0.4697	0.07567	0.06959
607207.8	4200888.22	36167.39381	38187.00897	0.59291	0.54203	0.07572	0.06975
607227.8	4200888.22	35001.82493	36878.31642	0.70387	0.63389	0.07606	0.07018
606747.8	4200908.22	83938.20593	134603.2777	0.05892	0.06042	0.05886	0.0576
606767.8	4200908.22	81181.37777	122942.0617	0.06256	0.06412	0.06025	0.05888
606787.8	4200908.22	78582.6336	113012.0834	0.06692	0.06874	0.06234	0.06078
606807.8	4200908.22	75832.57662	104125.49	0.07155	0.07344	0.06387	0.06206
606827.8	4200908.22	73164.56186	96417.00644	0.07664	0.07859	0.06533	0.06328
606847.8	4200908.22	70586.26157	89690.01611	0.08221	0.08423	0.06696	0.06466
606867.8	4200908.22	68045.38331	83736.67259	0.08774	0.09048	0.06784	0.06552
606887.8	4200908.22	65594.61887	78472.95344	0.09477	0.09678	0.06949	0.06694
606987.8	4200908.22	54560.78088	59254.59468	0.14892	0.14994	0.07875	0.07441
607007.8	4200908.22	52602.49837	56415.86017	0.16468	0.1652	0.08051	0.07571
607027.8	4200908.22	50720.68654	53814.73602	0.18295	0.18252	0.08213	0.07684
607047.8	4200908.22	48908.30153	51420.21204	0.20424	0.20255	0.08362	0.07784
607067.8	4200908.22	47171.69927	49212.83328	0.22896	0.22565	0.08489	0.07863
607087.8	4200908.22	45509.43453	47172.60656	0.25791	0.25243	0.08591	0.0792
607107.8	4200908.22	43917.23536	45280.91717	0.29206	0.28339	0.08668	0.07957
607127.8	4200908.22	42389.10205	43520.50753	0.3327	0.31981	0.08718	0.07976
607147.8	4200908.22	40924.14443	41878.9375	0.38148	0.36298	0.08743	0.07979
607167.8	4200908.22	39523.25289	40346.7841	0.44044	0.41444	0.08742	0.07968
607187.8	4200908.22	38176.57261	38909.9351	0.51382	0.47755	0.08741	0.07967
607207.8	4200908.22	36885.58893	37561.53982	0.60707	0.55633	0.08749	0.07985
607227.8	4200908.22	35651.8776	36295.75233	0.72831	0.65653	0.08768	0.08017
606687.8	4200928.22	102128.4204	159227.1761	0.04639	0.04837	0.05691	0.05611
606707.8	4200928.22	98561.92459	147056.2062	0.04942	0.05107	0.05904	0.05799
606727.8	4200928.22	94874.12026	135261.3771	0.05227	0.05401	0.06034	0.05925
606747.8	4200928.22	91335.78782	124610.1828	0.05537	0.0572	0.06217	0.06101

606767.8	4200928.22	87805.08638	114924.0422	0.05884	0.06077	0.06382	0.06243
606787.8	4200928.22	84462.33771	106385.1501	0.06247	0.0645	0.06546	0.06404
606807.8	4200928.22	81161.52098	98727.22171	0.06664	0.06879	0.0672	0.06563
606827.8	4200928.22	77930.8104	91891.34258	0.07146	0.07371	0.06907	0.06731
606847.8	4200928.22	74861.97172	85847.44401	0.0767	0.07906	0.07097	0.06892
606867.8	4200928.22	71895.87885	80447.12825	0.08202	0.08505	0.07266	0.07
606967.8	4200928.22	58879.99146	60610.18407	0.12694	0.12938	0.08363	0.07977
606987.8	4200928.22	56607.95817	57669.71504	0.14022	0.1425	0.0862	0.08185
607007.8	4200928.22	54454.045	54984.67402	0.15533	0.15736	0.08871	0.08378
607027.8	4200928.22	52385.59329	52511.69683	0.17324	0.17461	0.09119	0.08565
607047.8	4200928.22	50412.78216	50233.25552	0.19407	0.19455	0.09355	0.08735
607067.8	4200928.22	48524.30276	48124.3867	0.21873	0.21794	0.09579	0.0889
607087.8	4200928.22	46729.30947	46173.04044	0.2478	0.2452	0.09774	0.09016
607107.8	4200928.22	45015.68937	44359.44539	0.28252	0.27706	0.09942	0.09118
607127.8	4200928.22	43378.32602	42669.19879	0.32431	0.31487	0.10077	0.09191
607147.8	4200928.22	41812.71086	41089.89119	0.37519	0.36022	0.10177	0.0924
607167.8	4200928.22	40320.2951	39613.05854	0.4375	0.41485	0.10236	0.09262
607187.8	4200928.22	38896.18555	38229.1611	0.51522	0.48181	0.10259	0.09264
607207.8	4200928.22	37531.47931	36926.83376	0.61553	0.56661	0.10278	0.09282
607227.8	4200928.22	36232.12821	35703.41322	0.74722	0.67535	0.1029	0.09304
606667.8	4200948.22	117788.6198	151245.625	0.04148	0.04302	0.05802	0.05727
606687.8	4200948.22	112763.5473	142119.5581	0.04373	0.04531	0.05946	0.05861
606707.8	4200948.22	107962.2447	132933.3807	0.04608	0.04781	0.06128	0.06034
606727.8	4200948.22	103363.7639	123981.0335	0.04856	0.05041	0.06296	0.06205
606747.8	4200948.22	98881.59315	115422.9165	0.05134	0.05331	0.06472	0.0637
606767.8	4200948.22	94529.4418	107434.859	0.0545	0.05659	0.06657	0.06544
606787.8	4200948.22	90386.77119	100145.3696	0.05797	0.06019	0.06849	0.06723
606807.8	4200948.22	86445.26703	93535.25375	0.0618	0.06416	0.07049	0.06909
606827.8	4200948.22	82654.26037	87533.8536	0.06621	0.06871	0.07264	0.07107
606927.8	4200948.22	66419.54995	65202.68078	0.09806	0.10117	0.08425	0.08145
606947.8	4200948.22	63656.34327	61897.40284	0.10739	0.1106	0.08726	0.08408
606967.8	4200948.22	61031.6774	58876.06964	0.11808	0.12146	0.09045	0.0868
606987.8	4200948.22	58544.09574	56108.93689	0.13046	0.13388	0.09376	0.08957
607007.8	4200948.22	56184.65135	53566.7996	0.14482	0.14827	0.09719	0.09235
607027.8	4200948.22	53937.64865	51220.81566	0.16186	0.165	0.10069	0.09512
607047.8	4200948.22	51800.39776	49051.20988	0.18196	0.18465	0.10421	0.09784
607067.8	4200948.22	49771.13038	47041.46268	0.20581	0.2077	0.10768	0.10041
607087.8	4200948.22	47845.15947	45175.6697	0.23438	0.23501	0.111	0.10275
607107.8	4200948.22	46013.69128	43438.1357	0.26897	0.26733	0.11413	0.10486
607127.8	4200948.22	44267.64949	41814.59033	0.31133	0.30628	0.11699	0.10669
607147.8	4200948.22	42614.13662	40299.981	0.36295	0.35286	0.11928	0.10799
607167.8	4200948.22	41032.04668	38876.51595	0.42803	0.41048	0.1212	0.10906
607187.8	4200948.22	39529.44502	37541.88456	0.51022	0.48166	0.12246	0.10966
607207.8	4200948.22	38099.72886	36287.12956	0.61665	0.57174	0.12315	0.10997
607227.8	4200948.22	36739.37174	35105.92126	0.75859	0.68877	0.12343	0.11016
606547.8	4200968.22	169721.1656	156804.578	0.02991	0.03085	0.05035	0.0501
606567.8	4200968.22	164194.3733	155101.7297	0.03113	0.03214	0.05163	0.05136
606587.8	4200968.22	157754.318	152778.972	0.03253	0.03359	0.05298	0.05268
606607.8	4200968.22	150989.9718	149858.7241	0.03386	0.03499	0.05441	0.05408
606627.8	4200968.22	143734.1759	145699.6861	0.0356	0.03686	0.05591	0.05553
606647.8	4200968.22	136874.0164	140672.2008	0.03714	0.03842	0.05748	0.05706
606667.8	4200968.22	130437.7494	134921.4978	0.03864	0.0402	0.05982	0.05912
606687.8	4200968.22	124073.4801	128285.7739	0.04048	0.04215	0.06153	0.06093
606707.8	4200968.22	117876.6332	121197.0313	0.04258	0.04437	0.06332	0.06265
606727.8	4200968.22	112039.3679	114082.1298	0.04485	0.04676	0.06518	0.06442
606747.8	4200968.22	106445.1752	107100.0885	0.04746	0.0495	0.06715	0.0663
606767.8	4200968.22	101190.9469	100484.7513	0.05033	0.05251	0.06922	0.06826
606787.8	4200968.22	96247.06128	94304.8691	0.05353	0.05586	0.0714	0.07032
606907.8	4200968.22	72175.21083	66446.89112	0.08304	0.08624	0.08637	0.08421
606927.8	4200968.22	68954.23852	63090.16359	0.09047	0.09403	0.0897	0.08723
606947.8	4200968.22	65916.57911	60012.05148	0.09896	0.10277	0.0933	0.09045
606967.8	4200968.22	63049.63174	57183.9504	0.10873	0.11283	0.09716	0.09386
606987.8	4200968.22	60342.04403	54579.41729	0.12011	0.12447	0.10129	0.09744
607007.8	4200968.22	57783.28174	52175.91652	0.13345	0.13807	0.1057	0.1012
607027.8	4200968.22	55360.22297	49950.95589	0.14928	0.15399	0.11034	0.10504
607047.8	4200968.22	53066.2864	47887.5075	0.1681	0.1728	0.1152	0.10899
607067.8	4200968.22	50900.3727	45972.64482	0.19055	0.19503	0.12019	0.11292
607087.8	4200968.22	48849.09309	44189.25607	0.21783	0.22175	0.1253	0.11678
607107.8	4200968.22	46905.44523	42525.16328	0.25128	0.25382	0.13045	0.12054
607127.8	4200968.22	45062.18293	40969.06118	0.29269	0.29283	0.1355	0.12405
607147.8	4200968.22	43315.38876	39512.04042	0.34443	0.34056	0.14025	0.12715
607167.8	4200968.22	41657.32047	38144.26164	0.41015	0.39981	0.14448	0.12973
607187.8	4200968.22	40081.20314	36857.35838	0.49534	0.47458	0.14805	0.13177
607207.8	4200968.22	38584.54916	35645.63882	0.60802	0.57062	0.15069	0.13322
607227.8	4200968.22	37173.20233	34508.0841	0.75815	0.6946	0.1518	0.1336
606527.8	4200988.22	215197.2598	143511.1206	0.0266	0.02752	0.05041	0.05014
606547.8	4200988.22	206121.1785	141346.4949	0.02764	0.02864	0.05181	0.05139
606567.8	4200988.22	195154.8536	139214.583	0.02894	0.02986	0.05285	0.0527
606587.8	4200988.22	183754.4458	136823.9287	0.03022	0.03122	0.05426	0.05409
606607.8	4200988.22	172593.6763	134004.0893	0.03161	0.03268	0.05576	0.05553
606627.8	4200988.22	162258.767	130705.6326	0.03287	0.03398	0.05735	0.05711
606647.8	4200988.22	152568.2566	126620.048	0.0342	0.03565	0.05947	0.05875
606667.8	4200988.22	143665.5732	121890.9854	0.03587	0.03739	0.06149	0.06112
606687.8	4200988.22	135502.4393	116693.5172	0.03748	0.03911	0.0633	0.06287
606707.8	4200988.22	127818.4503	111113.701	0.0393	0.04106	0.06522	0.06472
606727.8	4200988.22	120647.4398	105376.3594	0.04135	0.04324	0.06724	0.06667
606747.8	4200988.22	113909.9895	99645.72391	0.04374	0.04577	0.06942	0.06876
606867.8	4200988.22	82653.51899	71138.23537	0.06455	0.06738	0.08434	0.08301
606887.8	4200988.22	78616.46183	67495.34817	0.07006	0.07319	0.08759	0.08606
606907.8	4200988.22	74850.19147	64138.56937	0.07615	0.07957	0.09108	0.08929
606927.8	4200988.22	71321.9691	61040.22714	0.08284	0.08667	0.09491	0.09285
606947.8	4200988.22	68012.73324	58179.29787	0.09048	0.09466	0.09909	0.09669
606967.8	4200988.22	64905.42088	55534.80035	0.09927	0.10386	0.10363	0.10083
606987.8	4200988.22	61984.77782	53087.17525	0.10953	0.11454	0.10857	0.10526
607007.8	4200988.22	59237.04278	50818.68995	0.12156	0.12707	0.11397	0.11003
607027.8	4200988.22	56640.02352	48708.31983	0.13599	0.14191	0.11986	0.11514
607047.8	4200988.22	54202.38527	46749.16076	0.15301	0.15935	0.1261	0.12044
607067.8	4200988.22	51903.46353	44923.85493	0.17356	0.18024	0.13281	0.12602
607087.8	4200988.22	49733.91801	43220.09595	0.19874	0.20563	0.14001	0.13181
607107.8	4200988.22	47684.9446	41626.80261	0.22993	0.2365	0.14767	0.13779
607127.8	4200988.22	45748.60052	40134.21307	0.26906	0.27459	0.15572	0.14383
607147.8	4200988.22	43917.61723	38733.74541	0.31888	0.32211	0.16403	0.14975
607167.8	4200988.22	42185.16499	37417.49499	0.38342	0.38214	0.17231	0.15534
607187.8	4200988.22	40544.9609	36178.32429	0.4687	0.45905	0.18019	0.16033
607207.8	4200988.22	38993.32682	35011.22451	0.58356	0.55906	0.18702	0.16431
606527.8	4201008.22	277767.951	130767.3364	0.02482	0.02572	0.05169	0.05167
606547.8	4201008.22	256239.1137	128578.4635	0.02578	0.02674	0.05305	0.05301
606567.8	4201008.22	233278.3216	126372.0958	0.02688	0.0279	0.0545	0.05444
606587.8	4201008.22	213362.1172	124074.1944	0.02801	0.0291	0.05603	0.05587
606607.8	4201008.22	196241.1401	121484.4247	0.02923	0.03039	0.05759	0.05733
606627.8	4201008.22	181611.0144	118600.8672	0.03046	0.0317	0.05932	0.05919
606647.8	4201008.22	168773.8313	115214.0806	0.03174	0.03308	0.06108	0.06091
606667.8	4201008.22	157172.792	111272.1673	0.03319	0.03462	0.06295	0.06274
606687.8	4201008.22	146949.7501	107035.0735	0.03463	0.03617	0.06487	0.06462
606827.8	4201008.22	95760.93592	75577.91484	0.05142	0.05409	0.08241	0.08162
606847.8	4201008.22	90619.50105	71799.7068	0.05504	0.05794	0.08561	0.08453
606867.8	4201008.22	85838.77625	68259.25552	0.05931	0.06201	0.08794	0.08697
606887.8	4201008.22	81419.91321	64964.96612	0.06411	0.06726	0.09157	0.09044

606907.8	4201008.22	77314.90958	61899.52834	0.06953	0.07299	0.09548	0.09413
606927.8	4201008.22	73489.49003	59047.76261	0.07547	0.07938	0.09979	0.09821
606947.8	4201008.22	69918.83217	56395.91196	0.08224	0.08656	0.10451	0.10267
606967.8	4201008.22	66581.24574	53929.08534	0.09001	0.09483	0.10971	0.10752
606987.8	4201008.22	63457.39974	51633.37963	0.09908	0.10443	0.11543	0.11282
607007.8	4201008.22	60530.15223	49495.40091	0.1097	0.11571	0.12178	0.11862
607027.8	4201008.22	57775.26653	47498.5268	0.12244	0.1291	0.12883	0.12497
607047.8	4201008.22	55196.46306	45637.91228	0.1375	0.14491	0.1365	0.13178
607067.8	4201008.22	52773.48878	43899.0964	0.15571	0.16395	0.14498	0.13918
607087.8	4201008.22	50494.04669	42271.91509	0.17811	0.18724	0.15438	0.14718
607107.8	4201008.22	48347.76374	40746.80978	0.20605	0.21588	0.16481	0.15585
607127.8	4201008.22	46325.27347	39315.14327	0.24143	0.25171	0.17637	0.16515
607147.8	4201008.22	44418.02553	37969.55445	0.28712	0.29719	0.18915	0.17502
607167.8	4201008.22	42618.05725	36702.77409	0.34743	0.35588	0.2031	0.1853
607187.8	4201008.22	40918.10695	35508.50925	0.42902	0.4329	0.21804	0.1957
607207.8	4201008.22	39316.70218	34383.65319	0.54124	0.53497	0.2331	0.20543
606787.8	4201028.22	112502.0795	79269.60194	0.04154	0.04362	0.07875	0.07845
606807.8	4201028.22	105782.2065	75564.9609	0.04413	0.0464	0.08179	0.08142
606827.8	4201028.22	99612.01016	72022.38326	0.04706	0.04954	0.08506	0.08462
606847.8	4201028.22	93973.34368	68671.21916	0.05027	0.05298	0.08855	0.08784
606867.8	4201028.22	88765.5092	65501.60659	0.05422	0.05681	0.09117	0.0906
606887.8	4201028.22	83970.69697	62523.64759	0.05857	0.06157	0.09517	0.09448
606907.8	4201028.22	79541.90893	59730.69833	0.06336	0.06667	0.09948	0.09862
606927.8	4201028.22	75433.57891	57111.98146	0.06858	0.07235	0.10423	0.10321
606947.8	4201028.22	71615.1711	54659.4974	0.0745	0.0787	0.10946	0.10824
606967.8	4201028.22	68060.36359	52363.93005	0.08127	0.08601	0.11525	0.11377
606987.8	4201028.22	64744.75071	50215.07479	0.08917	0.09449	0.12169	0.1199
607007.8	4201028.22	61654.55836	48205.74598	0.0983	0.10438	0.12886	0.12664
607027.8	4201028.22	58757.28481	46321.26062	0.10926	0.1161	0.13693	0.13417
607047.8	4201028.22	56047.48389	44556.10258	0.12223	0.13001	0.14594	0.1425
607067.8	4201028.22	53506.88398	42900.17303	0.13795	0.14688	0.15612	0.15178
607087.8	4201028.22	51127.10511	41347.32875	0.15717	0.16748	0.16761	0.16209
607107.8	4201028.22	48892.54301	39888.01189	0.18119	0.19296	0.18075	0.17365
607127.8	4201028.22	46792.39048	38515.16041	0.21169	0.22513	0.19587	0.18665
607147.8	4201028.22	44815.49606	37221.95761	0.25144	0.2666	0.21345	0.20132
607167.8	4201028.22	42957.35371	36003.58545	0.3042	0.32085	0.23387	0.2177
607187.8	4201028.22	41207.90842	34853.95161	0.3765	0.39358	0.2577	0.2359
606727.8	4201048.22	144434.0394	85195.7631	0.03259	0.03403	0.07215	0.07224
606747.8	4201048.22	134367.8841	81784.26146	0.03428	0.03584	0.07478	0.07484
606767.8	4201048.22	125302.784	78374.67463	0.03621	0.03791	0.07763	0.07765
606787.8	4201048.22	117200.3527	75045.44066	0.03825	0.0401	0.08062	0.08061
606807.8	4201048.22	109818.3421	71802.1142	0.04059	0.0426	0.08386	0.08382
606827.8	4201048.22	103120.5608	68685.31296	0.04314	0.04534	0.08733	0.08725
606847.8	4201048.22	96982.18144	65698.03802	0.04605	0.04846	0.09104	0.09061
606867.8	4201048.22	91385.55215	62862.98743	0.04972	0.05201	0.09403	0.09386
606887.8	4201048.22	86236.06136	60172.06711	0.05359	0.0563	0.09835	0.09812
606907.8	4201048.22	81512.3386	57633.23696	0.05766	0.06074	0.10302	0.10268
606927.8	4201048.22	77137.33996	55232.51532	0.06228	0.06574	0.10815	0.10771
606947.8	4201048.22	73088.30092	52969.69116	0.06745	0.0713	0.11383	0.11327
606967.8	4201048.22	69340.29165	50841.0318	0.07325	0.07758	0.12009	0.11939
606987.8	4201048.22	65849.53203	48834.81209	0.07999	0.08495	0.12712	0.12623
607007.8	4201048.22	62602.05527	46947.92051	0.08785	0.09355	0.13503	0.13389
607027.8	4201048.22	59570.17241	45170.90194	0.09716	0.10362	0.14402	0.14252
607047.8	4201048.22	56742.00597	43499.4814	0.10813	0.11558	0.15418	0.15224
607067.8	4201048.22	54101.38951	41927.03183	0.12127	0.12996	0.16575	0.16322
607087.8	4201048.22	51630.34531	40445.96869	0.13734	0.14756	0.17907	0.17575
607107.8	4201048.22	49317.56357	39051.00642	0.15725	0.16931	0.19455	0.19011
607127.8	4201048.22	47149.07415	37735.43137	0.18242	0.1968	0.2128	0.2068
607147.8	4201048.22	45113.72943	36493.64103	0.21508	0.23233	0.23461	0.22635
607167.8	4201048.22	43198.45355	35319.1814	0.25891	0.27978	0.26126	0.24964
607187.8	4201048.22	41403.22709	34211.17782	0.31862	0.34397	0.29406	0.2773
606527.8	4201068.22	530833.5298	102543.579	0.02042	0.02105	0.05361	0.0539
606547.8	4201068.22	429946.4651	100767.9376	0.02117	0.02184	0.05513	0.05542
606567.8	4201068.22	351363.5706	98951.78493	0.02198	0.0227	0.05675	0.05705
606587.8	4201068.22	300763.3814	97099.33716	0.02281	0.02357	0.05843	0.05874
606607.8	4201068.22	264510.5256	95155.74372	0.02367	0.02448	0.0602	0.06051
606627.8	4201068.22	236447.8945	93102.299	0.02456	0.02543	0.06206	0.06238
606647.8	4201068.22	213285.0268	90807.4748	0.0256	0.02652	0.06408	0.06441
606667.8	4201068.22	194198.3656	88341.88539	0.02662	0.02762	0.06618	0.0665
606687.8	4201068.22	177767.5309	85674.71744	0.02778	0.02885	0.06844	0.06876
606707.8	4201068.22	163611.6529	82887.20682	0.02899	0.03014	0.07081	0.07112
606727.8	4201068.22	151138.0328	79988.07642	0.03036	0.0316	0.07337	0.07367
606747.8	4201068.22	140053.3296	77034.34592	0.03191	0.03325	0.07613	0.07642
606767.8	4201068.22	130212.4463	74083.6424	0.03359	0.03504	0.07907	0.07935
606787.8	4201068.22	121403.621	71172.00069	0.03542	0.03699	0.0822	0.08247
606807.8	4201068.22	113412.592	68315.09114	0.03752	0.03924	0.08563	0.08589
606827.8	4201068.22	106198.9826	65551.8622	0.03981	0.04169	0.08929	0.08955
606847.8	4201068.22	99650.55016	62894.41939	0.04232	0.04438	0.09324	0.09333
606867.8	4201068.22	93673.00958	60347.37803	0.04569	0.04749	0.09655	0.09675
606887.8	4201068.22	88213.1994	57919.06442	0.04902	0.05137	0.10107	0.10128
606907.8	4201068.22	83200.92066	55607.14551	0.05266	0.05531	0.10607	0.10626
606927.8	4201068.22	78584.47405	53409.72717	0.05674	0.05978	0.11152	0.11166
606947.8	4201068.22	74326.1211	51325.85134	0.06122	0.06457	0.11757	0.11768
606967.8	4201068.22	70390.02413	49351.81626	0.06628	0.07005	0.12431	0.12437
606987.8	4201068.22	66741.20427	47482.90971	0.07207	0.07637	0.13183	0.13184
607007.8	4201068.22	63362.05576	45717.89522	0.07868	0.0836	0.14027	0.1402
607027.8	4201068.22	60215.92756	44047.70585	0.08646	0.09213	0.14991	0.14973
607047.8	4201068.22	57280.06993	42466.76385	0.09573	0.10227	0.16101	0.16066
607067.8	4201068.22	54547.92034	40974.63429	0.10669	0.11432	0.17373	0.17314
607087.8	4201068.22	51998.28657	39564.71208	0.11991	0.12893	0.18848	0.18757
607107.8	4201068.22	49613.74451	38231.25007	0.1363	0.14706	0.20589	0.2045
607127.8	4201068.22	47386.65325	36971.66558	0.15665	0.16965	0.22655	0.22446
607147.8	4201068.22	45301.3717	35780.07256	0.18269	0.19866	0.25159	0.24843
607167.8	4201068.22	43346.05729	34651.98983	0.21689	0.23697	0.28266	0.27779
607187.8	4201068.22	41510.53146	33583.11001	0.26331	0.28924	0.32227	0.31453
607207.8	4201068.22	39785.73014	32569.69904	0.3289	0.36351	0.37448	0.36178
607227.8	4201068.22	38163.46122	31608.01741	0.42656	0.47459	0.44631	0.42462
607247.8	4201068.22	36636.01359	30694.61673	0.58325	0.65243	0.55114	0.51185
607267.8	4201068.22	35196.50107	29826.10415	0.86426	0.96507	0.7168	0.63975
607287.8	4201068.22	33838.58958	28999.667	1.45809	1.58626	1.00645	0.83985
607307.8	4201068.22	32556.52752	28212.74579	3.00598	2.96884	1.53752	1.15462
606527.8	4201088.22	572039.6666	95485.69963	0.01928	0.01983	0.05404	0.05441
606547.8	4201088.22	464393.627	93850.00865	0.01998	0.02056	0.0556	0.05598
606567.8	4201088.22	379268.6773	92199.3927	0.02069	0.02131	0.05723	0.05762
606587.8	4201088.22	323029.052	90487.20005	0.02146	0.02212	0.05896	0.05938
606607.8	4201088.22	282624.1615	88717.47507	0.02224	0.02293	0.06076	0.06119
606627.8	4201088.22	251010.8581	86849.55824	0.0231	0.02384	0.0627	0.06315
606647.8	4201088.22	225536.8819	84832.94789	0.024	0.02479	0.06475	0.06521
606667.8	4201088.22	204267.33	82651.74363	0.02498	0.02582	0.06693	0.0674
606687.8	4201088.22	186167.0725	80316.68742	0.02605	0.02696	0.06928	0.06976
606707.8	4201088.22	170607.6827	77877.43861	0.02721	0.02818	0.07176	0.07225
606727.8	4201088.22	157075.1416	75353.04582	0.02844	0.02949	0.0744	0.07489
606747.8	4201088.22	145078.3664	72770.52775	0.02987	0.03099	0.07727	0.07777
606767.8	4201088.22	134481.7196	70182.24719	0.03139	0.03261	0.08032	0.08082
606787.8	4201088.22	125025.7634	67613.89533	0.03305	0.03437	0.08358	0.0841
606807.8	4201088.22	116522.8335	65088.90431	0.0349	0.03634	0.08711	0.08764
606827.8	4201088.22	108852.51	62628.94569	0.03694	0.0385	0.09092	0.09148
606847.8	4201088.22	101920.131	60251.82393	0.03915	0.04085	0.09502	0.09558

606867.8	4201088.22	95598.3288	57957.37525	0.04216	0.04359	0.09895	0.09926
606887.8	4201088.22	89851.57984	55760.10873	0.04513	0.0471	0.10343	0.10403
606907.8	4201088.22	84590.28953	53655.93158	0.04833	0.05051	0.10863	0.1093
606927.8	4201088.22	79756.03135	51644.20709	0.05199	0.05446	0.11438	0.11506
606947.8	4201088.22	75310.21302	49726.25668	0.05592	0.05873	0.12077	0.12149
606967.8	4201088.22	71210.08104	47899.07453	0.06034	0.06349	0.12785	0.12863
606987.8	4201088.22	67422.64601	46160.90082	0.06534	0.06891	0.13579	0.13663
607007.8	4201088.22	63918.72776	44509.80948	0.07109	0.07513	0.14473	0.14565
607027.8	4201088.22	60671.58929	42942.25508	0.07769	0.08233	0.1549	0.15591
607047.8	4201088.22	57652.7147	41453.49074	0.08548	0.09076	0.16663	0.16773
607067.8	4201088.22	54847.55833	40041.99123	0.09459	0.10071	0.18014	0.18136
607087.8	4201088.22	52226.46936	38700.06851	0.10569	0.11287	0.19606	0.19743
607107.8	4201088.22	49789.01928	37429.82903	0.11905	0.12758	0.21472	0.21625
607127.8	4201088.22	47510.4985	36224.08293	0.1357	0.14591	0.23717	0.23891
607147.8	4201088.22	45385.15424	35082.04401	0.15643	0.1689	0.26433	0.26635
607167.8	4201088.22	43395.77565	33998.25525	0.18307	0.19873	0.29823	0.30052
607187.8	4201088.22	41531.32301	32969.42046	0.21821	0.23855	0.34172	0.34424
607207.8	4201088.22	39782.03753	31991.93074	0.2661	0.2937	0.39951	0.40207
607227.8	4201088.22	38139.05752	31062.9647	0.33423	0.3738	0.47986	0.48202
607247.8	4201088.22	36594.30598	30179.21459	0.43751	0.4984	0.59894	0.59935
607267.8	4201088.22	35140.38765	29338.04675	0.61001	0.7135	0.79269	0.78713
607287.8	4201088.22	33770.55465	28536.69092	0.94341	1.15085	1.15797	1.12953
607307.8	4201088.22	32478.68813	27772.87986	1.71503	2.29712	2.03513	1.88382
606527.8	4201108.22	600591.2841	89259.25848	0.01831	0.01878	0.05442	0.05485
606547.8	4201108.22	490195.319	87771.56601	0.01892	0.01942	0.05597	0.05642
606567.8	4201108.22	401109.503	86246.87438	0.01959	0.02012	0.05763	0.05811
606587.8	4201108.22	341491.9018	84681.84065	0.02029	0.02085	0.05938	0.05988
606607.8	4201108.22	297562.2013	83072.00561	0.02105	0.02164	0.06126	0.06179
606627.8	4201108.22	263406.1657	81358.98373	0.02185	0.02248	0.06324	0.0638
606647.8	4201108.22	235901.2877	79558.58174	0.02267	0.02334	0.06533	0.06591
606667.8	4201108.22	212912.9897	77624.57666	0.02358	0.0243	0.06757	0.06817
606687.8	4201108.22	193454.7136	75571.80884	0.02456	0.02532	0.06997	0.07059
606707.8	4201108.22	176683.5886	73419.25333	0.02565	0.02647	0.07255	0.07319
606727.8	4201108.22	162185.1711	71197.37628	0.0268	0.02767	0.07527	0.07593
606747.8	4201108.22	149429.7389	68928.4481	0.02807	0.02901	0.0782	0.07887
606767.8	4201108.22	138111.3083	66633.59498	0.0295	0.03052	0.08137	0.08207
606787.8	4201108.22	128097.2486	64355.71726	0.03101	0.0321	0.08472	0.08545
606807.8	4201108.22	119124.3733	62107.14064	0.03267	0.03385	0.08834	0.08911
606827.8	4201108.22	111042.428	59904.30813	0.03451	0.03578	0.09227	0.09309
606847.8	4201108.22	103751.1281	57764.0914	0.03651	0.0379	0.09652	0.09737
606867.8	4201108.22	97151.3491	55695.36813	0.03874	0.04025	0.10083	0.10156
606887.8	4201108.22	91144.78939	53700.227	0.04175	0.04326	0.10538	0.10636
606907.8	4201108.22	85650.38585	51778.46354	0.04477	0.04653	0.11081	0.11188
606927.8	4201108.22	80624.42055	49934.62454	0.04807	0.05006	0.11682	0.11797
606947.8	4201108.22	76020.05581	48169.8006	0.05156	0.05382	0.12348	0.12474
606967.8	4201108.22	71787.49972	46481.58207	0.05544	0.05796	0.13086	0.13225
606987.8	4201108.22	67888.38743	44868.84012	0.05982	0.06261	0.13909	0.14067
607007.8	4201108.22	64283.71478	43328.02436	0.06482	0.06798	0.14843	0.15018
607027.8	4201108.22	60949.97074	41858.72137	0.07057	0.07417	0.15901	0.16102
607047.8	4201108.22	57858.6902	40457.47033	0.07729	0.08132	0.17126	0.17358
607067.8	4201108.22	54986.92709	39121.98738	0.08518	0.08978	0.18551	0.18822
607087.8	4201108.22	52320.91751	37851.70956	0.09451	0.09981	0.2021	0.20533
607107.8	4201108.22	49838.27664	36642.3143	0.10581	0.11197	0.22176	0.22567
607127.8	4201108.22	47526.0012	35492.46804	0.11959	0.1268	0.2453	0.25016
607147.8	4201108.22	45366.70515	34397.96316	0.13673	0.14534	0.27407	0.28027
607167.8	4201108.22	43352.62409	33358.09381	0.15807	0.16866	0.30976	0.31786
607187.8	4201108.22	41467.82616	32368.81476	0.18544	0.1989	0.35552	0.3664
607207.8	4201108.22	39701.83094	31426.93462	0.2214	0.23923	0.41617	0.43133
607227.8	4201108.22	38045.21817	30530.00493	0.27029	0.29506	0.50008	0.52233
607247.8	4201108.22	36489.41547	29675.44639	0.34025	0.37668	0.62316	0.65811
607267.8	4201108.22	35026.77519	28860.92475	0.44835	0.50629	0.81929	0.88012
607287.8	4201108.22	33650.17791	28084.09119	0.63381	0.73976	1.17287	1.29618
607307.8	4201108.22	32353.28618	27342.53209	0.97654	1.23148	1.93063	2.23698
606527.8	4201128.22	622402.6966	83759.88554	0.01744	0.01784	0.05469	0.05518
606547.8	4201128.22	509289.104	82374.63131	0.01803	0.01846	0.05629	0.05681
606567.8	4201128.22	417941.1388	80968.40422	0.01865	0.01911	0.05798	0.05852
606587.8	4201128.22	356124.8286	79531.23862	0.01929	0.01977	0.05974	0.06032
606607.8	4201128.22	310025.3724	78058.22131	0.02	0.0205	0.06165	0.06225
606627.8	4201128.22	273861.2741	76501.62533	0.02075	0.02128	0.06367	0.06431
606647.8	4201128.22	244695.6191	74881.88746	0.02151	0.02208	0.06579	0.06646
606667.8	4201128.22	220246.6531	73152.85189	0.02237	0.02297	0.06809	0.0688
606687.8	4201128.22	199508.3459	71325.83296	0.02331	0.02396	0.07058	0.07132
606707.8	4201128.22	181754.201	69415.3701	0.02433	0.02501	0.07323	0.07399
606727.8	4201128.22	166420.9544	67445.6692	0.0254	0.02613	0.07602	0.07681
606747.8	4201128.22	152957.7494	65432.40442	0.02659	0.02737	0.07903	0.07985
606767.8	4201128.22	141063.4646	63391.98978	0.0279	0.02874	0.08227	0.08312
606787.8	4201128.22	130560.5513	61359.74864	0.02927	0.03017	0.08569	0.08659
606807.8	4201128.22	121188.8291	59347.87401	0.03076	0.03173	0.08937	0.09032
606827.8	4201128.22	112759.1573	57367.46189	0.03242	0.03346	0.09337	0.0944
606847.8	4201128.22	105141.9003	55429.34371	0.03429	0.03541	0.09777	0.09889
606867.8	4201128.22	98282.3591	53552.38629	0.03627	0.03754	0.10227	0.10317
606887.8	4201128.22	92047.56285	51733.301	0.03913	0.04034	0.10709	0.10837
606907.8	4201128.22	86385.36981	49980.69694	0.04175	0.04314	0.11266	0.11407
606927.8	4201128.22	81205.25737	48289.37942	0.04471	0.04627	0.11886	0.12043
606947.8	4201128.22	76464.83698	46662.95059	0.04794	0.04975	0.12573	0.12743
606967.8	4201128.22	72116.59084	45101.00746	0.05147	0.05343	0.1334	0.1353
606987.8	4201128.22	68118.15034	43602.23995	0.05542	0.05757	0.14198	0.14415
607007.8	4201128.22	64436.23041	42166.39193	0.05987	0.06229	0.15164	0.15408
607027.8	4201128.22	61039.33569	40791.92875	0.06497	0.06767	0.16258	0.16536
607047.8	4201128.22	57892.81803	39475.30087	0.07093	0.0739	0.17527	0.17851
607067.8	4201128.22	54978.85813	38216.72821	0.07787	0.08118	0.18999	0.19382
607087.8	4201128.22	52271.6115	37013.12917	0.08614	0.08986	0.20731	0.21191
607107.8	4201128.22	49764.15029	35866.64147	0.09588	0.10011	0.22764	0.23324
607127.8	4201128.22	47427.0383	34771.08371	0.10777	0.11259	0.25215	0.25917
607147.8	4201128.22	45249.1216	33725.72562	0.12229	0.12793	0.28205	0.29109
607167.8	4201128.22	43219.66956	32729.81876	0.14003	0.14686	0.31917	0.33111
607187.8	4201128.22	41322.98801	31779.70515	0.16221	0.17079	0.36673	0.383
607207.8	4201128.22	39547.97764	30873.09771	0.19045	0.20172	0.42971	0.45279
607227.8	4201128.22	37884.71453	30008.10449	0.22744	0.24295	0.51667	0.55117
607247.8	4201128.22	36324.23608	29182.60335	0.278	0.30054	0.64378	0.69901
607267.8	4201128.22	34858.55876	28394.43073	0.35113	0.38671	0.84488	0.94262
607287.8	4201128.22	33480.28348	27641.45372	0.46313	0.52774	1.20172	1.40259
607307.8	4201128.22	32182.45102	26921.59283	0.63308	0.7709	1.93945	2.44029
606527.8	4201148.22	638144.5356	78848.91934	0.01669	0.01704	0.05494	0.05548
606547.8	4201148.22	523768.317	77559.49903	0.01724	0.01761	0.05655	0.05712
606567.8	4201148.22	431075.1552	76269.61526	0.01782	0.01821	0.05825	0.05885
606587.8	4201148.22	367452.0899	74937.28892	0.01844	0.01885	0.06005	0.06069
606607.8	4201148.22	319840.7368	73583.26952	0.01909	0.01953	0.06198	0.06265
606627.8	4201148.22	282539.9592	72172.80716	0.01976	0.02022	0.06398	0.06469
606647.8	4201148.22	251757.9139	70694.72975	0.02053	0.02101	0.06619	0.06694
606667.8	4201148.22	226152.2463	69138.70221	0.02134	0.02185	0.06854	0.06934
606687.8	4201148.22	204448.5187	67504.98804	0.02222	0.02277	0.07108	0.07191
606707.8	4201148.22	185861.7439	65800.46553	0.02317	0.02375	0.07378	0.07465
606727.8	4201148.22	169729.445	64039.72828	0.02422	0.02483	0.07668	0.07758
606747.8	4201148.22	155702.8273	62242.73061	0.02531	0.02597	0.07973	0.08068
606767.8	4201148.22	143395.0103	60429.1919	0.02646	0.02716	0.08296	0.08395
606787.8	4201148.22	132426.7721	58601.37682	0.02776	0.02851	0.08647	0.08752
606807.8	4201148.22	122681.1961	56787.75662	0.02915	0.02995	0.09023	0.09134

606827.8	4201148.22	113944.0158	54996.68626	0.03069	0.03154	0.09432	0.09552
606847.8	4201148.22	106091.3029	53241.62303	0.03238	0.03329	0.09877	0.10008
606867.8	4201148.22	98994.85964	51527.99919	0.03427	0.03529	0.10338	0.10452
606887.8	4201148.22	92593.9057	49868.7276	0.03678	0.03744	0.10856	0.11005
606907.8	4201148.22	86770.37268	48259.43017	0.03935	0.04043	0.11423	0.11592
606927.8	4201148.22	81467.47543	46704.38218	0.04206	0.04329	0.1206	0.12248
606947.8	4201148.22	76622.84071	45203.45796	0.04503	0.04645	0.12768	0.12974
606967.8	4201148.22	72186.24616	43756.58013	0.04829	0.0498	0.13563	0.13794
606987.8	4201148.22	68116.93468	42364.20895	0.05189	0.05357	0.14453	0.14713
607007.8	4201148.22	64380.95592	41026.78595	0.05596	0.05778	0.15449	0.15744
607027.8	4201148.22	60942.43856	39742.85348	0.06056	0.06256	0.16573	0.16912
607047.8	4201148.22	57762.85996	38508.41473	0.06595	0.06809	0.17877	0.1827
607067.8	4201148.22	54823.78762	37324.56701	0.07219	0.07452	0.19388	0.19851
607087.8	4201148.22	52096.69499	36188.12382	0.07961	0.08217	0.2117	0.21725
607107.8	4201148.22	49569.66989	35100.63137	0.08838	0.09123	0.23278	0.23952
607127.8	4201148.22	47219.75589	34058.79077	0.0989	0.10211	0.25819	0.2666
607147.8	4201148.22	45036.44556	33063.4357	0.1114	0.11515	0.28897	0.29975
607167.8	4201148.22	43000.98755	32111.12649	0.12648	0.13107	0.32739	0.34158
607187.8	4201148.22	41100.69174	31200.21907	0.14487	0.15074	0.37665	0.39596
607207.8	4201148.22	39324.0991	30329.05505	0.16759	0.17548	0.44192	0.46932
607227.8	4201148.22	37660.9642	29495.90812	0.19633	0.20743	0.53207	0.57313
607247.8	4201148.22	36101.9924	28699.23394	0.23389	0.25038	0.66377	0.72984
607267.8	4201148.22	34638.80045	27937.03265	0.28468	0.31105	0.87134	0.98918
607287.8	4201148.22	33263.88416	27207.83009	0.3548	0.40019	1.23508	1.47896
607307.8	4201148.22	31966.56044	26507.94422	0.45058	0.53166	1.97295	2.57589
606527.8	4201168.22	650159.4594	74450.43151	0.01602	0.01632	0.05513	0.05572
606547.8	4201168.22	534658.7462	73257.10793	0.01653	0.01686	0.05675	0.05737
606567.8	4201168.22	440990.6956	72058.55315	0.01708	0.01742	0.05845	0.0591
606587.8	4201168.22	376298.8013	70824.64568	0.01766	0.01802	0.06028	0.06096
606607.8	4201168.22	327663.1473	69575.7711	0.01828	0.01865	0.06221	0.06294
606627.8	4201168.22	289202.4892	68279.1385	0.01892	0.01932	0.06425	0.06502
606647.8	4201168.22	257383.1005	66931.75318	0.01965	0.02006	0.06649	0.06731
606667.8	4201168.22	230810.7054	65521.26691	0.02043	0.02087	0.06889	0.06976
606687.8	4201168.22	208357.6623	64053.32769	0.02125	0.02171	0.07144	0.07236
606707.8	4201168.22	188961.8345	62516.37646	0.02217	0.02266	0.07423	0.07519
606727.8	4201168.22	172180.7895	60933.55971	0.02318	0.0237	0.07721	0.07822
606747.8	4201168.22	157654.5635	59320.84526	0.02421	0.02476	0.08032	0.08137
606767.8	4201168.22	144893.6618	57687.67802	0.02532	0.0259	0.08363	0.08473
606787.8	4201168.22	133609.337	56044.53034	0.02651	0.02713	0.08717	0.08833
606807.8	4201168.22	123563.1528	54403.74655	0.02782	0.02847	0.091	0.09223
606827.8	4201168.22	114606.5512	52781.9888	0.02923	0.02992	0.09511	0.09645
606847.8	4201168.22	106554.693	51184.22056	0.03081	0.03154	0.09963	0.10108
606867.8	4201168.22	99290.25475	49618.09171	0.03258	0.0334	0.10434	0.10568
606887.8	4201168.22	92742.34709	48094.9025	0.03503	0.03577	0.10971	0.11143
606907.8	4201168.22	86806.21532	46614.84523	0.03742	0.03828	0.11556	0.11747
606927.8	4201168.22	81408.22595	45179.60482	0.04001	0.04099	0.12208	0.12418
606947.8	4201168.22	76501.83754	43794.19851	0.04267	0.04377	0.12936	0.13171
606967.8	4201168.22	72015.68587	42454.73996	0.04564	0.04682	0.13751	0.14015
606987.8	4201168.22	67908.24016	41162.09826	0.04897	0.05023	0.14663	0.1496
607007.8	4201168.22	64139.98055	39915.84061	0.05271	0.05408	0.15685	0.16021
607027.8	4201168.22	60675.32823	38715.43431	0.05699	0.05845	0.16844	0.17227
607047.8	4201168.22	57471.99218	37556.23793	0.06202	0.06356	0.18191	0.18637
607067.8	4201168.22	54522.82243	36443.59974	0.06776	0.0694	0.19742	0.20264
607087.8	4201168.22	51795.29525	35373.98942	0.07447	0.07623	0.21557	0.22179
607107.8	4201168.22	49260.82262	34343.70125	0.0825	0.08444	0.23737	0.24491
607127.8	4201168.22	46915.33706	33356.85534	0.09178	0.09399	0.26334	0.27266
607147.8	4201168.22	44733.49789	32409.50516	0.10274	0.10538	0.29506	0.30691
607167.8	4201168.22	42701.32108	31500.5572	0.11568	0.11903	0.33468	0.35016
607187.8	4201168.22	40804.49785	30628.30469	0.13111	0.13558	0.38565	0.4066
607207.8	4201168.22	39034.71368	29792.93179	0.14946	0.15569	0.45299	0.48255
607227.8	4201168.22	37378.1346	28991.71699	0.17198	0.181	0.54633	0.5905
607247.8	4201168.22	35826.33994	28223.87417	0.20006	0.21369	0.68282	0.75391
607267.8	4201168.22	34370.82221	27487.81676	0.23573	0.25693	0.89764	1.02478
607287.8	4201168.22	33003.16967	26781.9351	0.28237	0.3151	1.27431	1.53728
607307.8	4201168.22	31714.9199	26104.15436	0.3424	0.39319	2.03248	2.67489
606527.8	4201188.22	658451.6649	70486.67085	0.01542	0.01569	0.0553	0.05592
606547.8	4201188.22	542130.4802	69379.76204	0.0159	0.01618	0.0569	0.05755
606567.8	4201188.22	447902.7753	68262.26623	0.01642	0.01672	0.05862	0.05931
606587.8	4201188.22	382755.3188	67116.5484	0.01697	0.01729	0.06045	0.06118
606607.8	4201188.22	333584.284	65961.72555	0.01755	0.01788	0.06238	0.06315
606627.8	4201188.22	294217.3567	64763.83955	0.01817	0.01852	0.06445	0.06527
606647.8	4201188.22	261610.4929	63529.95045	0.01886	0.01922	0.06671	0.06758
606667.8	4201188.22	234301.3073	62246.32126	0.0196	0.01998	0.06913	0.07006
606687.8	4201188.22	211014.2219	60908.58077	0.02042	0.02082	0.07177	0.07275
606707.8	4201188.22	191060.1403	59521.86948	0.0213	0.02171	0.07458	0.07562
606727.8	4201188.22	173816.2322	58095.85402	0.02224	0.02268	0.07759	0.07868
606747.8	4201188.22	158837.1874	56638.04506	0.02323	0.02369	0.08077	0.08191
606767.8	4201188.22	145708.875	55161.39588	0.02429	0.02478	0.08415	0.08534
606787.8	4201188.22	134129.3637	53672.50312	0.02544	0.02595	0.08776	0.08902
606807.8	4201188.22	123852.045	52182.65623	0.02669	0.02723	0.09165	0.09299
606827.8	4201188.22	114713.7316	50705.71328	0.02803	0.0286	0.09582	0.09726
606847.8	4201188.22	106519.9864	49246.31479	0.02953	0.03012	0.10039	0.1018
606867.8	4201188.22	99166.26193	47815.03118	0.0312	0.03182	0.10517	0.10669
606887.8	4201188.22	92507.874	46410.88336	0.03366	0.03428	0.11072	0.1126
606907.8	4201188.22	86500.87903	45046.00424	0.03586	0.03657	0.11671	0.11879
606927.8	4201188.22	81062.11663	43721.98164	0.03818	0.039	0.12331	0.1256
606947.8	4201188.22	76111.6393	42437.13792	0.0407	0.04156	0.13078	0.13336
606967.8	4201188.22	71603.96177	41194.68725	0.04346	0.04438	0.13909	0.14203
606987.8	4201188.22	67482.18338	39992.56034	0.04657	0.04754	0.14843	0.15174
607007.8	4201188.22	63706.20841	38830.92682	0.05009	0.05112	0.15888	0.16262
607027.8	4201188.22	60232.22311	37707.06964	0.05415	0.0552	0.17088	0.17514
607047.8	4201188.22	57034.39552	36621.85026	0.05882	0.05991	0.18466	0.18956
607067.8	4201188.22	54090.85488	35576.75309	0.06417	0.06531	0.20052	0.20623
607087.8	4201188.22	51370.58341	34569.00065	0.07038	0.0716	0.21912	0.22588
607107.8	4201188.22	48851.27806	33597.55398	0.07761	0.07895	0.24125	0.2494
607127.8	4201188.22	46517.21813	32662.97048	0.0859	0.08748	0.26783	0.27782
607147.8	4201188.22	44342.73092	31761.21465	0.09564	0.09764	0.30059	0.31323
607167.8	4201188.22	42320.39771	30894.12683	0.10686	0.10955	0.34155	0.35792
607187.8	4201188.22	40437.60781	30061.28311	0.11975	0.12353	0.39403	0.41597
607207.8	4201188.22	38680.27049	29261.09104	0.13473	0.1402	0.46371	0.49445
607227.8	4201188.22	37036.65489	28492.03289	0.15241	0.1605	0.56047	0.6061
607247.8	4201188.22	35499.53429	27754.05043	0.17329	0.18523	0.70128	0.77428
607267.8	4201188.22	34058.71846	27045.44724	0.19864	0.21573	0.92189	1.05147
607287.8	4201188.22	32704.13168	26363.91913	0.23124	0.25489	1.31007	1.57568
607307.8	4201188.22	31429.79493	25708.95699	0.27233	0.30614	2.09956	2.74205
606527.8	4201208.22	663064.2951	66899.30271	0.01487	0.01511	0.05541	0.05606
606547.8	4201208.22	545317.9257	65863.11821	0.01534	0.01559	0.05704	0.05772
606567.8	4201208.22	452282.3256	64822.58384	0.01583	0.01609	0.05874	0.05947
606587.8	4201208.22	387435.64	63757.4179	0.01635	0.01663	0.06057	0.06133
606607.8	4201208.22	337779.9293	62682.8944	0.01691	0.0172	0.06251	0.06332
606627.8	4201208.22	297672.6122	61572.81285	0.01751	0.01781	0.06461	0.06547
606647.8	4201208.22	264437.4266	60438.06775	0.01817	0.01848	0.06687	0.06779
606667.8	4201208.22	236330.1827	59257.08042	0.0189	0.01923	0.06936	0.07034
606687.8	4201208.22	212589.9196	58040.95178	0.01967	0.02001	0.07198	0.07303
606707.8	4201208.22	192252.1841	56787.57189	0.02048	0.02083	0.07478	0.07589
606727.8	4201208.22	174583.5336	55491.84912	0.02138	0.02175	0.07783	0.079
606747.8	4201208.22	159277.2461	54172.99553	0.02232	0.02271	0.08104	0.08227
606767.8	4201208.22	145851.8679	52828.86909	0.02335	0.02376	0.08449	0.08577

606787.8	4201208.22	134053.2142	51475.02324	0.02446	0.02488	0.08815	0.0895
606807.8	4201208.22	123579.2745	50113.17756	0.02569	0.02613	0.09214	0.09357
606827.8	4201208.22	114292.787	48759.79381	0.02702	0.02748	0.09641	0.09793
606847.8	4201208.22	106000.8612	47420.30381	0.02872	0.02899	0.10094	0.10272
606867.8	4201208.22	98597.01419	46106.56685	0.03047	0.03088	0.10602	0.10782
606887.8	4201208.22	91927.59615	44817.58965	0.03236	0.03285	0.11151	0.1135
606907.8	4201208.22	85891.71338	43555.73187	0.03443	0.03503	0.11759	0.11977
606927.8	4201208.22	80430.08812	42327.60955	0.03663	0.03728	0.12438	0.12682
606947.8	4201208.22	75482.17262	41136.78968	0.03898	0.03966	0.13193	0.13469
606967.8	4201208.22	70976.27834	39981.13677	0.0416	0.04231	0.1404	0.14352
606987.8	4201208.22	66862.20591	38860.743	0.04455	0.04528	0.14993	0.15343
607007.8	4201208.22	63098.37079	37776.10999	0.0479	0.04864	0.16063	0.16463
607027.8	4201208.22	59633.55084	36722.48929	0.0518	0.05254	0.17298	0.17758
607047.8	4201208.22	56460.33684	35706.98688	0.05617	0.05692	0.18702	0.19231
607067.8	4201208.22	53533.94145	34724.24897	0.06122	0.062	0.20328	0.20943
607087.8	4201208.22	50831.43152	33774.1134	0.06703	0.06787	0.22237	0.22965
607107.8	4201208.22	48340.13559	32859.4415	0.07353	0.07449	0.24481	0.25351
607127.8	4201208.22	46025.72848	31974.44058	0.08099	0.08222	0.27202	0.28267
607147.8	4201208.22	43876.52667	31120.52495	0.08942	0.09109	0.30536	0.31864
607167.8	4201208.22	41876.69824	30296.53512	0.09893	0.10131	0.34711	0.36419
607187.8	4201208.22	40012.88595	29501.93939	0.10964	0.11314	0.40095	0.42364
607207.8	4201208.22	38271.09274	28735.17984	0.12191	0.12708	0.47316	0.50475
607227.8	4201208.22	36647.56782	27998.71049	0.13558	0.14307	0.57245	0.61887
607247.8	4201208.22	35127.38871	27289.3693	0.15153	0.16192	0.71796	0.79163
607267.8	4201208.22	33707.05101	26608.86148	0.17012	0.18364	0.94285	1.07121
607287.8	4201208.22	32368.23093	25951.20829	0.1944	0.21185	1.34409	1.60397
607307.8	4201208.22	31110.49479	25318.75465	0.22396	0.24764	2.16176	2.7811
606527.8	4201228.22	661489.4786	63630.31668	0.01437	0.01459	0.0555	0.05618
606547.8	4201228.22	545698.9108	62663.3302	0.01482	0.01505	0.05712	0.05784
606567.8	4201228.22	455585.6611	61688.25015	0.0153	0.01554	0.05885	0.05961
606587.8	4201228.22	391128.7372	60698.33136	0.01579	0.01603	0.06064	0.06144
606607.8	4201228.22	340585.2635	59694.56575	0.01634	0.01659	0.06262	0.06346
606627.8	4201228.22	299743.1135	58664.37526	0.01692	0.01718	0.06472	0.06562
606647.8	4201228.22	265715.0272	57612.07841	0.01757	0.01784	0.06702	0.06798
606667.8	4201228.22	237151.1236	56527.79625	0.01826	0.01855	0.06949	0.07052
606687.8	4201228.22	213031.5745	55415.99757	0.01898	0.01928	0.0721	0.0732
606707.8	4201228.22	192338.5697	54271.74434	0.01975	0.02006	0.07491	0.07607
606727.8	4201228.22	174426.4952	53093.59797	0.0206	0.02092	0.07795	0.07918
606747.8	4201228.22	158844.7849	51889.18128	0.02153	0.02186	0.08122	0.08252
606767.8	4201228.22	145237.555	50663.1852	0.02253	0.02287	0.08472	0.08608
606787.8	4201228.22	133289.5433	49425.13884	0.02362	0.02397	0.08846	0.08989
606807.8	4201228.22	122727.4697	48178.97448	0.02482	0.02518	0.0925	0.09402
606827.8	4201228.22	113384.5187	46937.65273	0.02611	0.02648	0.09686	0.09844
606847.8	4201228.22	105075.1952	45707.69694	0.02786	0.02795	0.10166	0.10335
606867.8	4201228.22	97639.34195	44493.17222	0.02958	0.02998	0.10663	0.10852
606887.8	4201228.22	90946.36417	43296.56907	0.03146	0.0319	0.11221	0.11426
606907.8	4201228.22	84978.51084	42137.43891	0.03322	0.03368	0.11829	0.12054
606927.8	4201228.22	79553.51035	41000.31392	0.03523	0.03574	0.12514	0.1277
606947.8	4201228.22	74624.3872	39890.87675	0.03749	0.03801	0.13282	0.13572
606967.8	4201228.22	70140.98152	38812.01945	0.04003	0.04056	0.14142	0.14475
606987.8	4201228.22	66062.81619	37766.99298	0.04285	0.04338	0.15105	0.15479
607007.8	4201228.22	62325.58266	36750.84139	0.04609	0.0466	0.16206	0.16635
607027.8	4201228.22	58892.12817	35762.91405	0.04983	0.05033	0.17476	0.17968
607047.8	4201228.22	55756.09515	34810.9962	0.05397	0.05447	0.18904	0.1947
607067.8	4201228.22	52866.63263	33888.34348	0.0587	0.05922	0.20557	0.21217
607087.8	4201228.22	50201.1965	32994.92108	0.06404	0.06462	0.22495	0.23275
607107.8	4201228.22	47742.2587	32132.09283	0.06994	0.07068	0.24781	0.25707
607127.8	4201228.22	45456.29124	31294.32096	0.07662	0.07767	0.27567	0.28696
607147.8	4201228.22	43342.44604	30487.25819	0.08381	0.08535	0.30935	0.32332
607167.8	4201228.22	41366.05819	29702.56869	0.09196	0.09429	0.35238	0.37025
607187.8	4201228.22	39529.10638	28945.99577	0.10075	0.10423	0.40744	0.43099
607207.8	4201228.22	37812.80094	28214.13429	0.11053	0.11556	0.48124	0.51384
607227.8	4201228.22	36213.34579	27509.56449	0.1212	0.12807	0.58263	0.63015
607247.8	4201228.22	34714.63843	26828.78729	0.13378	0.14256	0.73206	0.80673
607267.8	4201228.22	33313.75464	26174.0183	0.14861	0.15933	0.9652	1.0936
607287.8	4201228.22	31998.88605	25542.6279	0.16682	0.18007	1.37476	1.62564
607307.8	4201228.22	30760.58307	24932.68364	0.18887	0.2063	2.21814	2.80646
606527.8	4201248.22	662987.0992	60639.91143	0.01391	0.01411	0.05555	0.05626
606547.8	4201248.22	553860.0432	59733.99603	0.01435	0.01456	0.05719	0.05794
606567.8	4201248.22	460869.4436	58820.23509	0.01483	0.01503	0.05894	0.05972
606587.8	4201248.22	393710.4239	57892.78291	0.01531	0.01553	0.06076	0.06159
606607.8	4201248.22	342011.135	56959.06843	0.01583	0.01605	0.0627	0.06358
606627.8	4201248.22	299993.6691	55996.2203	0.01641	0.01664	0.06485	0.06579
606647.8	4201248.22	265432.2963	55021.18315	0.01703	0.01727	0.06714	0.06814
606667.8	4201248.22	236649.8789	54025.33772	0.01767	0.01792	0.06955	0.07062
606687.8	4201248.22	212222.9088	53002.94841	0.01836	0.01861	0.07215	0.07329
606707.8	4201248.22	191172.207	51947.12464	0.01914	0.0194	0.07503	0.07624
606727.8	4201248.22	173156.9817	50869.84039	0.01995	0.02022	0.07806	0.07934
606747.8	4201248.22	157496.2216	49768.68817	0.02084	0.02112	0.08134	0.0827
606767.8	4201248.22	143812.6499	48644.2752	0.02183	0.02212	0.08489	0.08633
606787.8	4201248.22	131888.1761	47514.24511	0.02286	0.02315	0.08862	0.09013
606807.8	4201248.22	121313.4014	46368.97177	0.02405	0.02434	0.09274	0.09434
606827.8	4201248.22	111997.4489	45228.00435	0.0253	0.0256	0.0972	0.09896
606847.8	4201248.22	103721.719	44093.83007	0.02709	0.02731	0.10203	0.10384
606867.8	4201248.22	96348.84171	42974.28077	0.02865	0.02895	0.10706	0.109
606887.8	4201248.22	89720.88605	41868.09205	0.03038	0.03073	0.11263	0.11477
606907.8	4201248.22	83772.0509	40785.38232	0.03215	0.03254	0.11887	0.12125
606927.8	4201248.22	78399.39011	39726.07358	0.0341	0.0345	0.12581	0.12848
606947.8	4201248.22	73550.99514	38696.72389	0.03623	0.03661	0.13346	0.13647
606967.8	4201248.22	69136.11368	37692.12357	0.03863	0.039	0.14211	0.14556
606987.8	4201248.22	65109.24032	36713.90946	0.04136	0.04172	0.15181	0.15575
607007.8	4201248.22	61414.48882	35759.22588	0.04453	0.04486	0.1631	0.1676
607027.8	4201248.22	58032.25055	34832.42907	0.04812	0.04843	0.17602	0.1812
607047.8	4201248.22	54942.01869	33937.47303	0.05208	0.05239	0.19058	0.19661
607067.8	4201248.22	52104.72255	33071.32487	0.05646	0.0568	0.20734	0.21435
607087.8	4201248.22	49482.47979	32229.44014	0.06138	0.06182	0.22707	0.23535
607107.8	4201248.22	47063.55293	31414.85787	0.06672	0.06737	0.25041	0.26025
607127.8	4201248.22	44818.02012	30623.2185	0.07259	0.07361	0.27877	0.29071
607147.8	4201248.22	42735.33408	29856.52695	0.07889	0.08047	0.31355	0.3283
607167.8	4201248.22	40801.03958	29114.66282	0.08552	0.08793	0.35692	0.37565
607187.8	4201248.22	38996.09009	28394.82085	0.09266	0.09618	0.4131	0.43773
607207.8	4201248.22	37311.25247	27697.66138	0.10041	0.10522	0.48799	0.52184
607227.8	4201248.22	35739.76859	27024.4462	0.10894	0.11503	0.59095	0.64002
607247.8	4201248.22	34269.8672	26373.7891	0.11891	0.12616	0.74098	0.81719
607267.8	4201248.22	32889.70541	25743.61222	0.13127	0.13982	0.98076	1.10993
607287.8	4201248.22	31598.63942	25136.98998	0.14564	0.156	1.39624	1.64278
607307.8	4201248.22	30383.3396	24549.94405	0.16239	0.17574	2.25472	2.82471
606527.8	4201268.22	665754.9608	57888.05394	0.0135	0.01367	0.0556	0.05633
606547.8	4201268.22	569640.2123	57040.30246	0.01393	0.01411	0.05724	0.05802
606567.8	4201268.22	466436.535	56185.07133	0.01439	0.01457	0.059	0.05981
606587.8	4201268.22	394911.251	55315.89912	0.01487	0.01506	0.06085	0.0617
606607.8	4201268.22	341120.0883	54439.20148	0.01539	0.01559	0.06284	0.06374
606627.8	4201268.22	298527.2768	53545.49811	0.01594	0.01614	0.06494	0.0659
606647.8	4201268.22	263566.0412	52640.41397	0.01653	0.01674	0.0672	0.06823
606667.8	4201268.22	234490.9076	51717.13405	0.01715	0.01737	0.0696	0.0707
606687.8	4201268.22	209730.0048	50765.48468	0.01786	0.01808	0.07229	0.07346
606707.8	4201268.22	188791.9135	49797.21152	0.0186	0.01882	0.0751	0.07635
606727.8	4201268.22	170730.1808	48802.4997	0.01941	0.01964	0.07818	0.07952

606747.8	4201268.22	155107.6544	47787.54965	0.02031	0.02054	0.08152	0.08293
606767.8	4201268.22	141659.7447	46766.39471	0.0212	0.02143	0.08494	0.08644
606787.8	4201268.22	129834.4023	45727.19952	0.0222	0.02244	0.08869	0.09026
606807.8	4201268.22	119378.6192	44675.18356	0.02334	0.02358	0.0928	0.09447
606827.8	4201268.22	110167.4564	43623.51489	0.02456	0.0248	0.09723	0.0992
606847.8	4201268.22	101996.8632	42575.86953	0.02623	0.02637	0.10229	0.10419
606867.8	4201268.22	94717.31548	41537.66857	0.0278	0.02803	0.10732	0.10937
606887.8	4201268.22	88196.65674	40512.06391	0.02944	0.02972	0.11291	0.11512
606907.8	4201268.22	82343.35926	39504.88463	0.03115	0.03145	0.11917	0.12163
606927.8	4201268.22	77066.39468	38518.29685	0.03304	0.03332	0.12613	0.12888
606947.8	4201268.22	72290.98537	37554.2457	0.03513	0.03539	0.13391	0.137
606967.8	4201268.22	67955.86605	36614.11027	0.03747	0.03771	0.14263	0.14613
606987.8	4201268.22	64003.91008	35697.2852	0.04013	0.04034	0.15242	0.15642
607007.8	4201268.22	60377.31017	34800.31664	0.0432	0.04338	0.16384	0.16851
607027.8	4201268.22	57063.75146	33930.08316	0.04663	0.0468	0.17687	0.18226
607047.8	4201268.22	54039.75173	33089.72181	0.05034	0.05052	0.19158	0.19786
607067.8	4201268.22	51251.81905	32271.60541	0.05448	0.05473	0.20872	0.21611
607087.8	4201268.22	48690.78356	31480.43791	0.05889	0.05929	0.22864	0.23732
607107.8	4201268.22	46322.12281	30711.78514	0.06363	0.0643	0.2523	0.26265
607127.8	4201268.22	44120.83604	29962.48147	0.06877	0.06987	0.28122	0.29384
607147.8	4201268.22	42072.07517	29232.61732	0.07429	0.07602	0.3174	0.33301
607167.8	4201268.22	40185.00431	28531.80552	0.0796	0.08214	0.36108	0.3808
607187.8	4201268.22	38420.9084	27849.15478	0.08527	0.08876	0.41782	0.44363
607207.8	4201268.22	36768.87799	27184.45247	0.09163	0.09608	0.49431	0.52963
607227.8	4201268.22	35227.00845	26540.85957	0.09881	0.10408	0.59971	0.6508
607247.8	4201268.22	33789.00542	25919.76289	0.10703	0.11301	0.75095	0.82959
607267.8	4201268.22	32436.05125	25315.65215	0.11727	0.12423	0.99142	1.12154
607287.8	4201268.22	31171.41834	24733.56025	0.12866	0.13714	1.40498	1.65468
607307.8	4201268.22	29984.31296	24171.1412	0.1417	0.15214	2.25491	2.83758
606527.8	4201288.22	670200.9168	55346.23773	0.0131	0.01326	0.05561	0.05636
606547.8	4201288.22	576923.606	54552.52443	0.01354	0.0137	0.0573	0.05809
606567.8	4201288.22	466930.0936	53749.8736	0.014	0.01417	0.05908	0.05991
606587.8	4201288.22	392325.7779	52931.30649	0.0145	0.01467	0.061	0.06188
606607.8	4201288.22	337284.6677	52109.44856	0.01502	0.0152	0.06301	0.06394
606627.8	4201288.22	294331.4008	51275.79033	0.01556	0.01573	0.0651	0.06609
606647.8	4201288.22	259401.931	50434.76436	0.01612	0.0163	0.06733	0.06838
606667.8	4201288.22	230281.4241	49574.09535	0.01675	0.01693	0.06976	0.07088
606687.8	4201288.22	205831.4461	48695.81118	0.01742	0.0176	0.07237	0.07358
606707.8	4201288.22	184968.1935	47794.60205	0.01817	0.01835	0.07525	0.07654
606727.8	4201288.22	167280.2579	46882.85942	0.01893	0.01912	0.07825	0.07962
606747.8	4201288.22	151944.8697	45948.93938	0.01979	0.01997	0.08154	0.083
606767.8	4201288.22	138692.6517	45005.34021	0.02069	0.02087	0.08501	0.08656
606787.8	4201288.22	127123.0701	44049.95446	0.02165	0.02183	0.08872	0.09035
606807.8	4201288.22	116931.3797	43085.03792	0.02272	0.0229	0.09275	0.09448
606827.8	4201288.22	107913.6892	42113.93921	0.0239	0.02408	0.09715	0.09899
606847.8	4201288.22	99902.34521	41142.05591	0.02551	0.02543	0.10235	0.10447
606867.8	4201288.22	92793.03796	40180.32147	0.027	0.02717	0.1075	0.10962
606887.8	4201288.22	86425.0757	39227.73622	0.02857	0.02877	0.11309	0.11541
606907.8	4201288.22	80694.15059	38286.92351	0.03027	0.03048	0.1193	0.12181
606927.8	4201288.22	75532.2085	37363.82174	0.03213	0.03232	0.12631	0.12912
606947.8	4201288.22	70863.0575	36460.18446	0.0342	0.03435	0.13415	0.13731
606967.8	4201288.22	66634.81646	35579.70799	0.03648	0.03661	0.1428	0.14637
606987.8	4201288.22	62774.4739	34718.30434	0.03907	0.03916	0.15272	0.15685
607007.8	4201288.22	59236.55674	33875.47815	0.04203	0.04209	0.1642	0.16896
607027.8	4201288.22	56006.90717	33057.65396	0.04527	0.04534	0.17727	0.18281
607047.8	4201288.22	53056.41586	32266.45464	0.04874	0.04886	0.1921	0.19853
607067.8	4201288.22	50338.46089	31496.07397	0.05252	0.05275	0.20939	0.21696
607087.8	4201288.22	47832.94182	30747.41327	0.05654	0.05698	0.22969	0.23869
607107.8	4201288.22	45521.41462	30021.40233	0.0607	0.06146	0.25367	0.26451
607127.8	4201288.22	43366.24039	29310.07201	0.0652	0.06644	0.28345	0.29666
607147.8	4201288.22	41366.34051	28618.72322	0.06983	0.07172	0.32028	0.33677
607167.8	4201288.22	39518.05454	27951.60524	0.07433	0.07696	0.36549	0.38646
607187.8	4201288.22	37801.45708	27305.65772	0.07884	0.0822	0.42267	0.44996
607207.8	4201288.22	36192.15676	26674.92318	0.08401	0.088	0.49968	0.53676
607227.8	4201288.22	34682.28588	26059.69848	0.09031	0.0948	0.60809	0.66023
607247.8	4201288.22	33275.26392	25465.75789	0.09736	0.10242	0.76149	0.83973
607267.8	4201288.22	31959.48964	24891.09916	0.10543	0.11128	0.9991	1.12983
607287.8	4201288.22	30722.2616	24332.79017	0.11476	0.12172	1.41168	1.66418
607307.8	4201288.22	29561.2475	23792.69769	0.12528	0.13368	2.25161	2.84877
606527.8	4201308.22	666405.3411	52989.82844	0.01275	0.0129	0.05564	0.05641
606547.8	4201308.22	573935.0434	52246.56561	0.01319	0.01333	0.05734	0.05815
606567.8	4201308.22	461326.2056	51488.57357	0.01367	0.01382	0.05922	0.06007
606587.8	4201308.22	385555.4793	50718.59762	0.01419	0.01434	0.06119	0.06209
606607.8	4201308.22	330511.2884	49952.50461	0.01469	0.01484	0.06316	0.06412
606627.8	4201308.22	287221.9915	49166.76446	0.01525	0.0154	0.06534	0.06635
606647.8	4201308.22	252604.7473	48380.16182	0.01582	0.01597	0.06758	0.06866
606667.8	4201308.22	224177.246	47583.14379	0.01641	0.01656	0.06994	0.07109
606687.8	4201308.22	200335.0714	46770.20399	0.01705	0.0172	0.07249	0.07372
606707.8	4201308.22	180076.2552	45938.79566	0.01776	0.01791	0.07529	0.07661
606727.8	4201308.22	162814.7392	45093.60996	0.01852	0.01866	0.07828	0.07969
606747.8	4201308.22	147869.8145	44227.5107	0.01937	0.01952	0.08159	0.08309
606767.8	4201308.22	135033.4598	43357.16402	0.02024	0.02038	0.08502	0.08661
606787.8	4201308.22	123834.169	42475.98326	0.02118	0.02131	0.08869	0.09037
606807.8	4201308.22	113985.7813	41586.94965	0.02219	0.02232	0.09265	0.09444
606827.8	4201308.22	105233.4055	40686.54817	0.02335	0.02347	0.09707	0.09897
606847.8	4201308.22	97491.95713	39788.50074	0.02462	0.02473	0.10209	0.1044
606867.8	4201308.22	90584.55627	38892.56869	0.02633	0.02643	0.10761	0.10976
606887.8	4201308.22	84418.49051	38006.8643	0.02781	0.02794	0.11314	0.11546
606907.8	4201308.22	78861.66545	37129.25556	0.02949	0.02962	0.11924	0.1218
606927.8	4201308.22	73854.74343	36266.39123	0.03131	0.0314	0.1262	0.12906
606947.8	4201308.22	69308.91965	35416.60888	0.03336	0.03342	0.13407	0.13732
606967.8	4201308.22	65206.26464	34590.75302	0.03558	0.03561	0.14273	0.14635
606987.8	4201308.22	61441.90041	33776.91347	0.03814	0.03815	0.15277	0.15694
607007.8	4201308.22	58011.76285	32985.06689	0.04095	0.04094	0.16423	0.16903
607027.8	4201308.22	54877.04257	32215.39909	0.04399	0.04401	0.17722	0.18282
607047.8	4201308.22	52012.00991	31470.15759	0.04718	0.04728	0.19205	0.19855
607067.8	4201308.22	49364.35522	30741.38136	0.05063	0.0509	0.20959	0.21719
607087.8	4201308.22	46925.28309	30033.43263	0.05421	0.05474	0.2301	0.23926
607107.8	4201308.22	44661.53223	29341.43703	0.05798	0.05888	0.25498	0.2661
607127.8	4201308.22	42571.32868	28670.5142	0.06171	0.06311	0.2848	0.29851
607147.8	4201308.22	40623.32467	28014.78269	0.06559	0.06759	0.32225	0.33948
607167.8	4201308.22	38813.1936	27377.36643	0.06957	0.07219	0.36946	0.3914
607187.8	4201308.22	37143.0451	26764.64532	0.07334	0.07647	0.42761	0.4563
607207.8	4201308.22	35579.20924	26166.58742	0.07769	0.0812	0.50504	0.54345
607227.8	4201308.22	34109.75778	25581.48815	0.08284	0.08675	0.61169	0.66554
607247.8	4201308.22	32738.21264	25014.88569	0.08878	0.09309	0.76579	0.84623
607267.8	4201308.22	31455.93682	24466.15686	0.09557	0.10049	1.00584	1.13766
607287.8	4201308.22	30251.50354	23933.18899	0.10327	0.10905	1.42235	1.67258
607307.8	4201308.22	29119.68279	23416.1193	0.11189	0.11877	2.26925	2.85812
606527.8	4201328.22	655173.5912	50796.01254	0.01245	0.01257	0.0557	0.05649
606547.8	4201328.22	562903.5672	50096.57677	0.01289	0.01302	0.05746	0.05829
606567.8	4201328.22	450273.8847	49383.74664	0.01339	0.01352	0.05938	0.06026
606587.8	4201328.22	373929.6396	48653.39935	0.01394	0.01407	0.06147	0.06239
606607.8	4201328.22	318489.2294	47921.54507	0.01451	0.01464	0.06362	0.06459
606627.8	4201328.22	276391.6826	47187.4174	0.01506	0.01519	0.06577	0.0668
606647.8	4201328.22	243198.35	46459.40334	0.0156	0.01572	0.06794	0.06904
606667.8	4201328.22	215938.5703	45720.32219	0.01617	0.01629	0.07025	0.07142
606687.8	4201328.22	193165.7938	44968.52934	0.01677	0.01689	0.07273	0.07398

606707.8	4201328.22	173992.3752	44207.13161	0.01741	0.01752	0.07533	0.07667
606727.8	4201328.22	157402.6156	43422.24791	0.01816	0.01826	0.0783	0.07974
606747.8	4201328.22	143136.2774	42623.25466	0.01897	0.01907	0.08151	0.08304
606767.8	4201328.22	130733.0054	41810.0245	0.01987	0.01997	0.08504	0.08666
606787.8	4201328.22	119976.2222	40991.04889	0.0208	0.02089	0.08873	0.09046
606807.8	4201328.22	110556.9601	40168.72803	0.02179	0.02187	0.09265	0.09448
606827.8	4201328.22	102206.7558	39338.3968	0.02288	0.02295	0.09694	0.09893
606847.8	4201328.22	94776.44387	38504.28695	0.02411	0.02417	0.10191	0.10429
606867.8	4201328.22	88147.2677	37671.9849	0.02571	0.02574	0.10746	0.10968
606887.8	4201328.22	82201.91927	36843.9159	0.0272	0.02727	0.11306	0.11544
606907.8	4201328.22	76864.52462	36026.34236	0.02883	0.02886	0.11913	0.12173
606927.8	4201328.22	72037.07619	35218.30183	0.03061	0.03061	0.12598	0.12886
606947.8	4201328.22	67657.19562	34422.36825	0.0326	0.03258	0.13377	0.137
606967.8	4201328.22	63677.18159	33641.97697	0.0348	0.03475	0.14243	0.14612
606987.8	4201328.22	60051.72812	32879.16098	0.03721	0.03716	0.15239	0.15657
607007.8	4201328.22	56729.36403	32131.5553	0.03988	0.03984	0.16379	0.16859
607027.8	4201328.22	53685.69465	31402.51103	0.04275	0.04277	0.17685	0.18242
607047.8	4201328.22	50916.4292	30700.42439	0.04563	0.04577	0.19152	0.19799
607067.8	4201328.22	48349.50463	30011.2404	0.04871	0.04906	0.20906	0.21661
607087.8	4201328.22	45969.85203	29336.34107	0.05195	0.0526	0.23008	0.23923
607107.8	4201328.22	43772.85563	28680.65049	0.05518	0.05623	0.25517	0.2664
607127.8	4201328.22	41729.43169	28039.0498	0.05852	0.06006	0.28624	0.30028
607147.8	4201328.22	39832.40274	27414.45181	0.06182	0.06393	0.32419	0.34159
607167.8	4201328.22	38071.81146	26808.06443	0.06493	0.06751	0.37016	0.39253
607187.8	4201328.22	36452.23187	26227.34356	0.06815	0.07106	0.42831	0.45782
607207.8	4201328.22	34939.88972	25662.1753	0.07184	0.07496	0.50495	0.5451
607227.8	4201328.22	33515.65311	25107.33104	0.07625	0.07957	0.61066	0.66734
607247.8	4201328.22	32182.95743	24568.05127	0.08136	0.08502	0.76392	0.84844
607267.8	4201328.22	30933.65852	24043.62376	0.08714	0.09133	1.00369	1.14056
607287.8	4201328.22	29766.31057	23536.9656	0.0936	0.09844	1.42281	1.67688
607307.8	4201328.22	28662.95871	23041.53433	0.10081	0.1065	2.28533	2.86435
606527.8	4201348.22	636453.3432	48745.46806	0.01219	0.0123	0.05583	0.05664
606547.8	4201348.22	543958.8099	48079.83078	0.01269	0.0128	0.05776	0.05861
606567.8	4201348.22	431197.5593	47396.21519	0.01325	0.01336	0.05986	0.06075
606587.8	4201348.22	356431.5656	46707.73727	0.01381	0.01392	0.06196	0.0629
606607.8	4201348.22	302842.6105	46020.01089	0.01438	0.01449	0.0641	0.06509
606627.8	4201348.22	262818.2522	45336.98364	0.01492	0.01502	0.06622	0.06728
606647.8	4201348.22	231433.6504	44659.49262	0.01544	0.01555	0.06837	0.06949
606667.8	4201348.22	205800.1365	43972.79474	0.016	0.0161	0.07065	0.07185
606687.8	4201348.22	184409.8655	43274.13587	0.0166	0.01669	0.0731	0.07438
606707.8	4201348.22	166501.2083	42571.4451	0.0172	0.01728	0.07563	0.07699
606727.8	4201348.22	151101.3024	41853.33624	0.01787	0.01794	0.07838	0.07984
606747.8	4201348.22	137749.8139	41118.90725	0.01861	0.01868	0.08142	0.08298
606767.8	4201348.22	125982.0162	40361.91255	0.0195	0.01957	0.08494	0.0866
606787.8	4201348.22	115751.0602	39598.64987	0.02044	0.02049	0.08867	0.09043
606807.8	4201348.22	106741.5888	38825.84019	0.02149	0.02153	0.09296	0.0951
606827.8	4201348.22	98853.97541	38058.33762	0.02253	0.02256	0.09714	0.09941
606847.8	4201348.22	91819.59774	37286.46124	0.02384	0.02371	0.1018	0.1042
606867.8	4201348.22	85503.10441	36510.95075	0.02522	0.02522	0.10725	0.1095
606887.8	4201348.22	79832.26217	35738.63722	0.02666	0.02666	0.11285	0.11528
606907.8	4201348.22	74730.7938	34974.31527	0.02825	0.02822	0.11889	0.12153
606927.8	4201348.22	70107.74652	34217.31613	0.03	0.02994	0.12572	0.12863
606947.8	4201348.22	65913.5244	33471.6389	0.03192	0.03183	0.13336	0.1366
606967.8	4201348.22	62090.31938	32737.73717	0.03403	0.03394	0.14196	0.14567
606987.8	4201348.22	58608.37755	32020.59492	0.0363	0.03622	0.15161	0.15573
607007.8	4201348.22	55412.18047	31316.3862	0.03876	0.03873	0.16282	0.16757
607027.8	4201348.22	52453.57737	30620.72517	0.04148	0.04154	0.17606	0.18158
607047.8	4201348.22	49766.37283	29952.24241	0.04414	0.04437	0.19085	0.19724
607067.8	4201348.22	47267.37395	29293.14334	0.04699	0.04746	0.20884	0.21633
607087.8	4201348.22	44966.06192	28653.00413	0.04982	0.05061	0.23002	0.23917
607107.8	4201348.22	42837.30288	28029.70572	0.05263	0.05382	0.25556	0.26683
607127.8	4201348.22	40852.02152	27417.79748	0.05542	0.05709	0.28654	0.30036
607147.8	4201348.22	39019.74898	26826.72893	0.05793	0.06	0.32315	0.34048
607167.8	4201348.22	37319.05078	26253.02684	0.06049	0.06286	0.36845	0.3908
607187.8	4201348.22	35744.06387	25699.15186	0.06332	0.06588	0.42602	0.45569
607207.8	4201348.22	34280.84514	25163.58873	0.0666	0.06928	0.5016	0.54242
607227.8	4201348.22	32904.57321	24638.32752	0.07048	0.07331	0.60518	0.66373
607247.8	4201348.22	31610.29057	24124.44732	0.07492	0.07805	0.75487	0.84369
607267.8	4201348.22	30399.03391	23625.52907	0.07989	0.08345	0.98814	1.13428
607287.8	4201348.22	29266.53308	23143.01113	0.08538	0.08949	1.39543	1.6688
607307.8	4201348.22	28194.29685	22669.62098	0.09148	0.09625	2.23712	2.85457
606527.8	4201368.22	605870.061	46806.8626	0.01208	0.01217	0.0563	0.05714
606547.8	4201368.22	514296.9013	46159.07142	0.01266	0.01275	0.05846	0.05933
606567.8	4201368.22	405000.1809	45517.0695	0.0132	0.01329	0.06049	0.0614
606587.8	4201368.22	334137.7546	44881.29011	0.01372	0.01381	0.06246	0.06349
606607.8	4201368.22	284099.9993	44244.57904	0.01451	0.01458	0.06489	0.06589
606627.8	4201368.22	246455.2335	43597.18462	0.01517	0.01528	0.0671	0.06816
606647.8	4201368.22	217322.43	42959.21445	0.01573	0.01584	0.06932	0.07044
606667.8	4201368.22	193941.1709	42323.52387	0.01626	0.01636	0.0716	0.07279
606687.8	4201368.22	174489.4571	41680.35128	0.01678	0.01687	0.074	0.07529
606707.8	4201368.22	158019.5579	41027.9057	0.01732	0.01735	0.07652	0.07789
606727.8	4201368.22	144017.9858	40372.75052	0.01766	0.01771	0.07861	0.0801
606747.8	4201368.22	131745.9317	39698.94449	0.01834	0.01838	0.08145	0.08304
606767.8	4201368.22	120844.2622	39000.19335	0.01917	0.0192	0.0848	0.08649
606787.8	4201368.22	111190.5108	38283.94232	0.02013	0.02015	0.08865	0.09056
606807.8	4201368.22	102735.8312	37564.51594	0.02135	0.02131	0.09321	0.09512
606827.8	4201368.22	95291.62813	36847.07521	0.02241	0.02241	0.09748	0.09948
606847.8	4201368.22	88632.39426	36123.9375	0.02359	0.02359	0.10215	0.10429
606867.8	4201368.22	82673.76341	35401.64473	0.02486	0.02485	0.10718	0.10946
606887.8	4201368.22	77302.68357	34679.84289	0.02629	0.02624	0.11269	0.1151
606907.8	4201368.22	72459.71505	33964.35959	0.02782	0.02774	0.11872	0.12139
606927.8	4201368.22	68068.30583	33255.86213	0.02951	0.02941	0.12543	0.12837
606947.8	4201368.22	64074.94469	32556.66661	0.03135	0.03123	0.13292	0.13624
606967.8	4201368.22	60446.64002	31872.00274	0.0333	0.03319	0.14127	0.1449
606987.8	4201368.22	57103.03769	31193.57582	0.03545	0.03537	0.1508	0.1549
607007.8	4201368.22	54044.69133	30530.7043	0.03768	0.03768	0.1617	0.1664
607027.8	4201368.22	51180.83661	29866.24386	0.04022	0.04035	0.17508	0.18056
607047.8	4201368.22	48568.61481	29224.35174	0.04271	0.04305	0.19026	0.19646
607067.8	4201368.22	46138.45194	28590.75229	0.04538	0.04598	0.20882	0.21635
607087.8	4201368.22	43909.59305	27978.88175	0.04793	0.04888	0.23061	0.23957
607107.8	4201368.22	41868.24795	27391.62556	0.0501	0.05142	0.25515	0.26604
607127.8	4201368.22	39969.08991	26817.4341	0.05219	0.05385	0.28474	0.29812
607147.8	4201368.22	38196.1238	26254.86154	0.05427	0.05622	0.3208	0.33757
607167.8	4201368.22	36548.29333	25708.0522	0.05649	0.05862	0.36534	0.38689
607187.8	4201368.22	35016.36057	25177.79435	0.05901	0.06122	0.42179	0.45036
607207.8	4201368.22	33598.93868	24667.9267	0.06198	0.06426	0.49573	0.53516
607227.8	4201368.22	32273.54167	24171.89747	0.06542	0.06785	0.59648	0.65371
607247.8	4201368.22	31023.94585	23684.88198	0.06931	0.07201	0.74095	0.82928
607267.8	4201368.22	29848.48575	23208.84965	0.07362	0.07669	0.9635	1.11208
607287.8	4201368.22	28751.74729	22749.77734	0.07836	0.08185	1.34641	1.6324
607307.8	4201368.22	27715.23389	22299.93277	0.08355	0.08758	2.11922	2.78616
606527.8	4201388.22	556952.0625	44905.84436	0.01228	0.01236	0.05756	0.05847
606547.8	4201388.22	472306.6693	44308.17224	0.01311	0.01319	0.05979	0.06067
606567.8	4201388.22	370143.5067	43722.34305	0.01359	0.01368	0.06162	0.06254
606587.8	4201388.22	306166.4749	43150.2049	0.01403	0.01412	0.06342	0.06439
606607.8	4201388.22	261949.5556	42574.57011	0.01448	0.01458	0.06533	0.06635
606627.8	4201388.22	228685.513	41982.4011	0.01499	0.01509	0.06742	0.0685
606647.8	4201388.22	202625.6443	41385.16721	0.01553	0.01562	0.06962	0.07077

606667.8	4201388.22	181356.6715	40781.24907	0.01609	0.0162	0.07194	0.07317
606687.8	4201388.22	163748.0865	40176.25416	0.01667	0.01677	0.07443	0.07575
606707.8	4201388.22	148879.8512	39568.22589	0.01727	0.01736	0.07702	0.07843
606727.8	4201388.22	136214.4719	38961.069	0.01787	0.01794	0.07966	0.08117
606747.8	4201388.22	125304.5588	38354.49423	0.01814	0.01816	0.08163	0.08325
606767.8	4201388.22	115352.3905	37710.24313	0.01891	0.01892	0.0848	0.08653
606787.8	4201388.22	106391.5923	37040.25929	0.02004	0.0199	0.08895	0.09096
606807.8	4201388.22	98571.17554	36373.51082	0.02103	0.021	0.0931	0.09503
606827.8	4201388.22	91595.90395	35700.69653	0.0221	0.02209	0.0974	0.09947
606847.8	4201388.22	85341.53566	35022.43257	0.02329	0.02326	0.10211	0.10429
606867.8	4201388.22	79720.39481	34342.79083	0.02458	0.02452	0.10718	0.1095
606887.8	4201388.22	74666.14305	33667.06235	0.02596	0.02588	0.11265	0.11515
606907.8	4201388.22	70091.34908	32995.37767	0.02747	0.02737	0.11865	0.12136
606927.8	4201388.22	65946.14027	32332.12934	0.0291	0.02897	0.12525	0.12822
606947.8	4201388.22	62170.95664	31677.54407	0.03084	0.03071	0.13259	0.13588
606967.8	4201388.22	58724.96047	31033.77365	0.03267	0.03257	0.14077	0.14442
606987.8	4201388.22	55557.65255	30398.78257	0.0346	0.03456	0.15004	0.15418
607007.8	4201388.22	52622.22405	29768.6049	0.03667	0.03673	0.16076	0.16543
607027.8	4201388.22	49818.35802	29119.64102	0.03919	0.03943	0.17495	0.18022
607047.8	4201388.22	47302.02702	28505.89905	0.0415	0.04196	0.19046	0.19676
607067.8	4201388.22	44971.93837	27904.14758	0.04377	0.04453	0.20885	0.21624
607087.8	4201388.22	42842.56411	27327.15088	0.04567	0.04673	0.22939	0.23814
607107.8	4201388.22	40884.71875	26771.39191	0.04744	0.04879	0.25342	0.26391
607127.8	4201388.22	39063.07451	26228.71242	0.04915	0.05076	0.28227	0.29508
607147.8	4201388.22	37358.89035	25695.96744	0.05092	0.05271	0.31748	0.33339
607167.8	4201388.22	35768.72851	25175.98132	0.05288	0.05476	0.36096	0.38127
607187.8	4201388.22	34286.60385	24670.40666	0.05517	0.05708	0.41595	0.44261
607207.8	4201388.22	32902.93299	24178.48168	0.05789	0.05984	0.48758	0.52396
607227.8	4201388.22	31626.20355	23708.88996	0.06096	0.06305	0.58509	0.63756
607247.8	4201388.22	30419.35488	23246.0998	0.06439	0.06673	0.72364	0.80433
607267.8	4201388.22	29289.55031	22796.97408	0.06816	0.07081	0.93522	1.07164
607287.8	4201388.22	28232.55488	22362.28175	0.07226	0.07528	1.29256	1.55898
607307.8	4201388.22	27226.0522	21932.03458	0.07677	0.08021	1.98836	2.62369
606527.8	4201408.22	486292.5549	43104.85212	0.01272	0.01282	0.05872	0.05958
606547.8	4201408.22	414923.4002	42596.25843	0.01308	0.01317	0.06031	0.06121
606567.8	4201408.22	328622.651	42082.10854	0.01345	0.01355	0.06197	0.0629
606587.8	4201408.22	275528.429	41562.44226	0.01383	0.01393	0.06369	0.06468
606607.8	4201408.22	238121.0676	41021.71584	0.01428	0.01438	0.06561	0.06665
606627.8	4201408.22	209639.0816	40464.78436	0.0148	0.01489	0.06771	0.06881
606647.8	4201408.22	186966.2491	39899.7169	0.01534	0.01543	0.06994	0.07112
606667.8	4201408.22	168630.59	39343.87976	0.01588	0.01596	0.07222	0.07348
606687.8	4201408.22	153207.0258	38784.69552	0.01644	0.01651	0.07463	0.07598
606707.8	4201408.22	139851.5947	38211.13456	0.01705	0.01712	0.07727	0.0787
606727.8	4201408.22	128318.0193	37633.59431	0.01769	0.01776	0.08005	0.08159
606747.8	4201408.22	118336.4028	37057.94694	0.01835	0.01839	0.08288	0.08454
606767.8	4201408.22	109588.1918	36480.56682	0.01893	0.01889	0.08557	0.08732
606787.8	4201408.22	101420.5313	35858.07393	0.01987	0.01988	0.08937	0.09126
606807.8	4201408.22	94333.54176	35249.0269	0.0207	0.02063	0.09288	0.09486
606827.8	4201408.22	87818.0295	34613.20279	0.02182	0.02178	0.09735	0.09944
606847.8	4201408.22	81995.41642	33977.74878	0.023	0.02293	0.10203	0.10427
606867.8	4201408.22	76748.77835	33341.22161	0.02426	0.02417	0.10706	0.10945
606887.8	4201408.22	71999.71656	32704.9296	0.02565	0.02553	0.11255	0.11511
606907.8	4201408.22	67700.87227	32074.13876	0.02712	0.02699	0.1185	0.12126
606927.8	4201408.22	63735.41274	31437.03862	0.0288	0.02866	0.12524	0.1283
606947.8	4201408.22	60173.82055	30820.96434	0.03046	0.03034	0.1325	0.13587
606967.8	4201408.22	56909.87671	30213.06765	0.03218	0.03212	0.14063	0.14437
606987.8	4201408.22	53900.37343	29611.88397	0.03398	0.034	0.14995	0.15406
607007.8	4201408.22	51026.72656	28990.13726	0.03614	0.0363	0.16177	0.16638
607027.8	4201408.22	48328.51196	28362.21095	0.03848	0.03886	0.17636	0.18183
607047.8	4201408.22	45954.99842	27787.53226	0.04024	0.04083	0.19111	0.19737
607067.8	4201408.22	43769.2838	27230.28033	0.04189	0.04273	0.20808	0.21532
607087.8	4201408.22	41746.84454	26688.06309	0.04342	0.04452	0.22788	0.23639
607107.8	4201408.22	39878.9332	26163.65771	0.04488	0.04621	0.25122	0.26136
607127.8	4201408.22	38141.41485	25652.87993	0.04632	0.04783	0.2792	0.29147
607147.8	4201408.22	36510.96912	25149.9273	0.04788	0.04948	0.31331	0.32842
607167.8	4201408.22	34984.74938	24657.5603	0.04966	0.05129	0.35548	0.37448
607187.8	4201408.22	33554.92126	24175.83985	0.05178	0.05341	0.40875	0.43334
607207.8	4201408.22	32217.29806	23706.42351	0.05424	0.05592	0.47785	0.51085
607227.8	4201408.22	30970.32862	23252.09612	0.05702	0.05884	0.57107	0.61753
607247.8	4201408.22	29808.60885	22813.56255	0.06009	0.06213	0.70348	0.77329
607267.8	4201408.22	28731.3468	22394.08813	0.06334	0.06566	0.90513	1.02084
607287.8	4201408.22	27709.07199	21980.04377	0.06695	0.06955	1.23794	1.45686
607307.8	4201408.22	26733.96552	21569.25027	0.07088	0.07385	1.86778	2.36873
606533.18	4201421.18	414707.0721	41917.38214	0.01273	0.01283	0.05932	0.06018
606553.18	4201421.18	344871.1145	41453.99134	0.01303	0.01311	0.06087	0.0618
606573.18	4201421.18	284828.9625	40957.03408	0.01341	0.01349	0.06256	0.06352
606593.18	4201421.18	245055.5068	40457.026	0.01379	0.01388	0.06431	0.06533
606613.18	4201421.18	215436.0922	39940.29084	0.01425	0.01433	0.06623	0.06731
606633.18	4201421.18	191621.9094	39395.72478	0.01479	0.01486	0.06841	0.06956
606653.18	4201421.18	171969.2725	38838.25991	0.01537	0.01546	0.07076	0.072
606673.18	4201421.18	156034.4075	38298.64322	0.01593	0.01601	0.07313	0.07445
606693.18	4201421.18	142703.9428	37769.76458	0.01647	0.01654	0.07557	0.07694
606713.18	4201421.18	130916.1823	37220.98016	0.0171	0.01715	0.07821	0.07971
606727.8	4201423.25	122465.8951	36689.70065	0.01755	0.01759	0.0803	0.08185
606747.8	4201423.25	113230.7818	36138.45658	0.01822	0.01826	0.0832	0.08488
606767.8	4201423.25	105080.3173	35584.5705	0.01892	0.01893	0.08617	0.08798
606787.8	4201423.25	97660.65384	35009.7942	0.01974	0.01973	0.08956	0.09149
606807.8	4201423.25	91123.34631	34441.85711	0.02048	0.02032	0.09268	0.09472
606827.8	4201428.22	84092.41178	33590.78959	0.02149	0.0214	0.09694	0.0991
606847.8	4201428.22	78655.77702	32988.7221	0.02271	0.02261	0.10184	0.10415
606867.8	4201428.22	73782.94566	32392.10993	0.02395	0.02383	0.10682	0.10928
606887.8	4201428.22	69346.81859	31793.54394	0.02531	0.02518	0.11229	0.11493
606907.8	4201428.22	65193.54145	31172.69392	0.02693	0.0268	0.11887	0.12174
606927.8	4201428.22	61335.44947	30537.04321	0.02881	0.0287	0.12636	0.12945
606947.8	4201428.22	57929.87692	29937.84007	0.03058	0.03051	0.13427	0.13775
606967.8	4201428.22	54841.90784	29356.74326	0.03225	0.03228	0.14275	0.14661
606987.8	4201428.22	51962.60723	28773.05427	0.03394	0.03408	0.15261	0.15689
607007.8	4201428.22	49269.35689	28186.46577	0.03559	0.03587	0.1639	0.16871
607027.8	4201428.22	46808.83941	27619.9436	0.03712	0.03757	0.17639	0.18183
607047.8	4201428.22	44592.63214	27087.83909	0.03857	0.03923	0.19049	0.19668
607067.8	4201428.22	42558.56713	26576.32892	0.03993	0.04082	0.20677	0.21395
607087.8	4201428.22	40652.40269	26070.86382	0.0412	0.0423	0.22589	0.23428
607107.8	4201428.22	38871.69184	25575.00896	0.04243	0.0437	0.24853	0.25845
607127.8	4201428.22	37214.68645	25092.66277	0.04371	0.04508	0.27561	0.28749
607147.8	4201428.22	35661.64883	24619.51312	0.04512	0.04654	0.30851	0.32299
607167.8	4201428.22	34198.13268	24152.44104	0.04678	0.04819	0.34915	0.36716
607187.8	4201428.22	32818.67349	23692.03151	0.04872	0.05013	0.40034	0.42328
607207.8	4201428.22	31528.84892	23244.33081	0.05095	0.05242	0.46655	0.49668
607227.8	4201428.22	30322.7158	22809.60038	0.05345	0.05505	0.55529	0.59667
607247.8	4201428.22	29208.86004	22395.87696	0.0562	0.058	0.68118	0.74188
607267.8	4201428.22	28180.33415	22003.02639	0.05906	0.0611	0.87122	0.96824
607287.8	4201428.22	27181.62258	21602.6431	0.06228	0.06454	1.17803	1.35098
607307.8	4201428.22	26239.2166	21211.20141	0.06574	0.06832	1.74669	2.11236
606357.31	4200991.9	330640.9126	164326.6741	0.01936	0.01997	0.04194	0.04193
606373.3	4200990.76	313755.2173	163923.3575	0.01998	0.02061	0.04263	0.04261
606393.3	4200990.76	301177.2094	161959.5082	0.02064	0.02131	0.04354	0.04351
606413.3	4200990.76	288327.8917	159485.0526	0.02134	0.02204	0.04449	0.04446
606433.3	4200990.76	275089.9633	156504.9214	0.0221	0.02283	0.04549	0.04545

606453.3	4200990.76	261713.0529	153170.2675	0.02291	0.02369	0.04655	0.04649
606473.3	4200990.76	248885.9943	149741.2361	0.02378	0.02461	0.04765	0.04752
606493.3	4200990.76	237448.5012	146453.9598	0.02466	0.02555	0.04863	0.04822
606513.3	4200990.76	227878.0022	143553.6835	0.02566	0.02654	0.04975	0.0494
606355.59	4201005.6	422909.8858	153451.2372	0.01844	0.01901	0.04216	0.0422
606375.59	4201005.6	405803.014	151781.5209	0.01908	0.01968	0.0431	0.04313
606393.3	4201010.76	426278.5466	146364.1917	0.01933	0.01994	0.04407	0.04412
606413.3	4201010.76	407211.5915	144206.3253	0.02	0.02065	0.04508	0.04512
606433.3	4201010.76	386732.1306	141720.0644	0.02073	0.0214	0.04614	0.04618
606453.3	4201010.76	364779.292	139017.1707	0.02148	0.0222	0.04724	0.04727
606473.3	4201010.76	341352.4999	136202.128	0.02229	0.02305	0.0484	0.04842
606493.3	4201010.76	318323.286	133480.254	0.02312	0.02392	0.0496	0.04961
606513.3	4201010.76	300034.2956	130960.5585	0.02397	0.02482	0.05085	0.05085
606320.15	4201003.05	434848.4162	158124.317	0.01742	0.01794	0.04046	0.0405
606340.15	4201003.05	417999.4085	156664.0645	0.01806	0.01861	0.04138	0.04141

ROAD5 AVERAGE CONC	ROAD6 AVERAGE CONC	X	Y	AREA2	ROAD1	ROAD2	ROAD3	ROAD4	ROAD5	ROAD6
		X	Y	/ERAGE CON	ERAGE CON	ERAGE CON	ERAGE CON	ERAGE CON	ERAGE CON	ERAGE CONC
0.03495	0.03568	606771.3	4200809	52057.33	0.08488	0.08498	0.04666	0.04498	0.03495	0.03568
0.03523	0.03594	606787.8	4200808	52077.65	0.08645	0.08689	0.04598	0.04418	0.03523	0.03594
0.0354	0.03608	606807.8	4200808	51448.49	0.09263	0.09273	0.04694	0.04487	0.0354	0.03608
0.03554	0.0362	606827.8	4200808	50743.44	0.09855	0.09846	0.04723	0.04515	0.03554	0.0362
0.03565	0.03629	606847.8	4200808	49936.44	0.10527	0.10493	0.04756	0.04536	0.03565	0.03629
0.03573	0.03634	606867.8	4200808	49044.15	0.11284	0.11219	0.04773	0.04526	0.03573	0.03634
0.0358	0.03637	606887.8	4200808	48131.89	0.12011	0.1193	0.04774	0.04539	0.0358	0.03637
0.03583	0.03638	606907.8	4200808	47166.33	0.12864	0.12706	0.04822	0.04576	0.03583	0.03638
0.03585	0.03638	606927.8	4200808	46201.02	0.13855	0.13642	0.04848	0.04592	0.03585	0.03638
0.03586	0.03636	606947.8	4200808	45223.06	0.14935	0.14655	0.04867	0.04599	0.03586	0.03636
0.03696	0.0377	606767.8	4200828	57350.28	0.07943	0.08004	0.04887	0.04722	0.03696	0.0377
0.03723	0.03795	606787.8	4200828	56981.93	0.08291	0.08356	0.04949	0.04763	0.03723	0.03795
0.03734	0.03803	606807.8	4200828	55956.67	0.08872	0.08925	0.05015	0.04814	0.03734	0.03803
0.03742	0.03808	606827.8	4200828	54881.54	0.09503	0.0954	0.05072	0.0484	0.03742	0.03808
0.0375	0.03812	606847.8	4200828	53803.08	0.10165	0.10182	0.05108	0.04874	0.0375	0.03812
0.03755	0.03815	606867.8	4200828	52693.33	0.10898	0.10885	0.05159	0.04908	0.03755	0.03815
0.03757	0.03814	606887.8	4200828	51533.1	0.11633	0.11618	0.05164	0.04914	0.03757	0.03814
0.03757	0.03811	606907.8	4200828	50335.73	0.12471	0.12391	0.05224	0.0496	0.03757	0.03811
0.03755	0.03806	606927.8	4200828	49138.15	0.13491	0.13348	0.05275	0.04996	0.03755	0.03806
0.03751	0.038	606947.8	4200828	47946.99	0.14597	0.14392	0.05313	0.05019	0.03751	0.038
0.03745	0.03792	606967.8	4200828	46749.47	0.15835	0.1555	0.05344	0.05035	0.03745	0.03792
0.03738	0.03781	606987.8	4200828	45556.84	0.1721	0.16843	0.05365	0.05042	0.03738	0.03781
0.03871	0.03948	606747.8	4200848	62987.28	0.07322	0.07409	0.05153	0.05004	0.03871	0.03948
0.03902	0.03976	606767.8	4200848	62579.16	0.07637	0.0772	0.05195	0.05034	0.03902	0.03976
0.03926	0.03998	606787.8	4200848	61943.44	0.07951	0.08048	0.05277	0.05093	0.03926	0.03998
0.03933	0.04002	606807.8	4200848	60608.39	0.08497	0.08588	0.05356	0.05147	0.03933	0.04002
0.03939	0.04004	606827.8	4200848	59242.18	0.09086	0.09168	0.05414	0.05168	0.03939	0.04004
0.03942	0.04004	606847.8	4200848	57848.87	0.09686	0.09802	0.05473	0.05214	0.03942	0.04004
0.03942	0.04001	606867.8	4200848	56441.36	0.10405	0.105	0.05544	0.05268	0.03942	0.04001
0.0394	0.03996	606887.8	4200848	55004.96	0.11154	0.11218	0.05584	0.05323	0.0394	0.03996
0.03936	0.03989	606907.8	4200848	53557.14	0.12016	0.12015	0.05661	0.05383	0.03936	0.03989
0.03929	0.03979	606927.8	4200848	52111.11	0.13044	0.12983	0.05739	0.05442	0.03929	0.03979
0.03921	0.03968	606947.8	4200848	50683.39	0.1417	0.14051	0.05805	0.05487	0.03921	0.03968
0.03911	0.03955	606967.8	4200848	49272.28	0.15423	0.1523	0.05861	0.05523	0.03911	0.03955
0.03899	0.0394	606987.8	4200848	47881.93	0.16822	0.16553	0.05905	0.05548	0.03899	0.0394
0.03792	0.03819	607107.8	4200848	40106.31	0.30118	0.28705	0.05941	0.0552	0.03792	0.03819
0.03769	0.03795	607127.8	4200848	38922.84	0.33611	0.31796	0.05919	0.05502	0.03769	0.03795
0.03745	0.03769	607147.8	4200848	37768.99	0.37708	0.35414	0.05906	0.05496	0.03745	0.03769
0.03721	0.03742	607167.8	4200848	36653.65	0.42527	0.39626	0.05896	0.05493	0.03721	0.03742
0.03695	0.03714	607187.8	4200848	35568.71	0.48374	0.44686	0.05904	0.0551	0.03695	0.03714
0.03668	0.03685	607207.8	4200848	34514.71	0.55629	0.50873	0.05937	0.0555	0.03668	0.03685
0.0364	0.03656	607227.8	4200848	33500.58	0.64634	0.58449	0.0597	0.05577	0.0364	0.03656
0.04093	0.0417	606747.8	4200868	69047.21	0.06964	0.07075	0.05426	0.05284	0.04093	0.0417
0.04122	0.04196	606767.8	4200868	68361.02	0.07232	0.07347	0.05474	0.0532	0.04122	0.04196
0.04138	0.04209	606787.8	4200868	67190.69	0.07499	0.07653	0.05533	0.05361	0.04138	0.04209
0.04142	0.04209	606807.8	4200868	65496.38	0.08024	0.08198	0.05663	0.05445	0.04142	0.04209
0.04143	0.04207	606827.8	4200868	63774.51	0.08613	0.0876	0.0578	0.05523	0.04143	0.04207
0.04141	0.04201	606847.8	4200868	62024.7	0.09216	0.09377	0.05865	0.05603	0.04141	0.04201
0.04136	0.04194	606867.8	4200868	60277.3	0.09897	0.10064	0.05926	0.0568	0.04136	0.04194
0.04129	0.04184	606887.8	4200868	58533.1	0.10635	0.10759	0.06025	0.05759	0.04129	0.04184
0.0412	0.04171	606907.8	4200868	56800.32	0.11494	0.1156	0.0613	0.05841	0.0412	0.04171
0.04109	0.04157	606927.8	4200868	55089.69	0.1252	0.12524	0.06236	0.05926	0.04109	0.04157
0.04095	0.0414	606947.8	4200868	53409.65	0.13646	0.1362	0.06338	0.06002	0.04095	0.0414
0.04002	0.04034	607047.8	4200868	45621.21	0.21797	0.21262	0.06661	0.06198	0.04002	0.04034
0.03979	0.04008	607067.8	4200868	44188.2	0.24166	0.23438	0.06683	0.06201	0.03979	0.04008
0.03954	0.03981	607087.8	4200868	42796.98	0.2691	0.25943	0.06693	0.06197	0.03954	0.03981
0.03928	0.03953	607107.8	4200868	41453.48	0.30081	0.28785	0.06688	0.06184	0.03928	0.03953
0.03901	0.03924	607127.8	4200868	40153.95	0.33783	0.3207	0.06674	0.06168	0.03901	0.03924
0.03873	0.03893	607147.8	4200868	38896.13	0.38147	0.35914	0.06656	0.06154	0.03873	0.03893
0.03844	0.03862	607167.8	4200868	37681.23	0.4335	0.40452	0.06643	0.06147	0.03844	0.03862
0.03814	0.0383	607187.8	4200868	36506.86	0.49695	0.45919	0.06644	0.06158	0.03814	0.0383
0.03783	0.03797	607207.8	4200868	35375.74	0.57552	0.52578	0.06658	0.06182	0.03783	0.03797
0.03751	0.03764	607227.8	4200868	34283.34	0.67607	0.6095	0.06699	0.06226	0.03751	0.03764
0.04331	0.04406	606755.2	4200887	75245.1	0.06602	0.06742	0.05665	0.05528	0.04331	0.04406
0.04357	0.0443	606767.8	4200888	74771.88	0.06711	0.06848	0.05733	0.05583	0.04357	0.0443
0.0436	0.04429	606787.8	4200888	72732.49	0.07067	0.07233	0.05854	0.05691	0.0436	0.04429
0.04358	0.04424	606807.8	4200888	70584.09	0.07569	0.07783	0.06005	0.05796	0.04358	0.04424
0.04354	0.04416	606827.8	4200888	68425.78	0.08123	0.08322	0.06151	0.059	0.04354	0.04416
0.04346	0.04405	606847.8	4200888	66281.78	0.08718	0.08918	0.06278	0.06005	0.04346	0.04405
0.04336	0.04392	606867.8	4200888	64164.2	0.09361	0.09578	0.06386	0.06111	0.04336	0.04392
0.04324	0.04376	606887.8	4200888	62072.36	0.1007	0.10229	0.06484	0.06219	0.04324	0.04376
0.04309	0.04358	606907.8	4200888	60035.68	0.10915	0.11042	0.06619	0.06329	0.04309	0.04358
0.04292	0.04338	606927.8	4200888	58032.6	0.11931	0.12036	0.06767	0.0645	0.04292	0.04338
0.04181	0.04212	607027.8	4200888	48951.94	0.19098	0.18881	0.07377	0.06888	0.04181	0.04212
0.04153	0.04182	607047.8	4200888	47304.93	0.21223	0.20856	0.07461	0.06939	0.04153	0.04182
0.04125	0.04152	607067.8	4200888	45721.98	0.23655	0.23104	0.07523	0.06969	0.04125	0.04152
0.04096	0.0412	607087.8	4200888	44195.13	0.2649	0.25705	0.07566	0.06985	0.04096	0.0412
0.04065	0.04087	607107.8	4200888	42725.24	0.29804	0.28688	0.07591	0.06989	0.04065	0.04087
0.04033	0.04053	607127.8	4200888	41310.29	0.33707	0.32161	0.07597	0.06983	0.04033	0.04053
0.04001	0.04018	607147.8	4200888	39951.65	0.3831	0.36223	0.07584	0.06965	0.04001	0.04018
0.03967	0.03982	607167.8	4200888	38641.82	0.43871	0.41068	0.07569	0.06952	0.03967	0.03982
0.03932	0.03946	607187.8	4200888	37378.05	0.50735	0.4697	0.07567	0.06959	0.03932	0.03946
0.03897	0.03909	607207.8	4200888	36167.39	0.59291	0.54203	0.07572	0.06975	0.03897	0.03909
0.03861	0.03871	607227.8	4200888	35001.82	0.70387	0.63389	0.07606	0.07018	0.03861	0.03871
0.04597	0.04673	606747.8	4200908	83938.21	0.05892	0.06042	0.05886	0.0576	0.04597	0.04673
0.04595	0.04667	606767.8	4200908	81181.38	0.06256	0.06412	0.06025	0.05888	0.04595	0.04667
0.04592	0.0466	606787.8	4200908	78582.63	0.06692	0.06874	0.06234	0.06078	0.04592	0.0466
0.04583	0.04647	606807.8	4200908	75832.58	0.07155	0.07344	0.06387	0.06206	0.04583	0.04647
0.04571	0.04632	606827.8	4200908	73164.56	0.07664	0.07859	0.06533	0.06328	0.04571	0.04632
0.04558	0.04615	606847.8	4200908	70586.26	0.08221	0.08423	0.06696	0.06466	0.04558	0.04615
0.04541	0.04595	606867.8	4200908	68045.38	0.08774	0.09048	0.06784	0.06552	0.04541	0.04595
0.04523	0.04572	606887.8	4200908	65594.62	0.09477	0.09678	0.06949	0.06694	0.04523	0.04572
0.044	0.04433	606987.8	4200908	54560.78	0.14892	0.14994	0.07875	0.07441	0.044	0.04433
0.0437	0.04401	607007.8	4200908	52602.5	0.16468	0.1652	0.08051	0.07571	0.0437	0.04401
0.04339	0.04367	607027.8	4200908	50720.69	0.18295	0.18252	0.08213	0.07684	0.04339	0.04367
0.04306	0.04332	607047.8	4200908	48908.3	0.20424	0.20255	0.08362	0.07784	0.04306	0.04332
0.04273	0.04296	607067.8	4200908	47171.7	0.22896	0.22565	0.08489	0.07863	0.04273	0.04296
0.04238	0.04259	607087.8	4200908	45509.43	0.25791	0.25243	0.08591	0.0792	0.04238	0.04259
0.04202	0.04221	607107.8	4200908	43917.24	0.29206	0.28339	0.08668	0.07957	0.04202	0.04221
0.04165	0.04182	607127.8	4200908	42389.1	0.3327	0.31981	0.08718	0.07976	0.04165	0.04182
0.04128	0.04142	607147.8	4200908	40924.14	0.38148	0.36298	0.08743	0.07979	0.04128	0.04142
0.0409	0.04102	607167.8	4200908	39523.25	0.44044	0.41444	0.08742	0.07968	0.0409	0.04102
0.04051	0.04061	607187.8	4200908	38176.57	0.51382	0.47755	0.08741	0.07967	0.04051	0.04061
0.04011	0.04019	607207.8	4200908	36885.59	0.60707	0.55633	0.08749	0.07985	0.04011	0.04019
0.03971	0.03978	607227.8	4200908	35651.88	0.72831	0.65653	0.08768	0.08017	0.03971	0.03978
0.04858	0.04946	606687.8	4200928	102128.4	0.04639	0.04837	0.05691	0.05611	0.04858	0.04946
0.0486	0.04943	606707.8	4200928	98561.92	0.04942	0.05107	0.05904	0.05799	0.0486	0.04943
0.04856	0.04935	606727.8	4200928	94874.12	0.05227	0.05401	0.06034	0.05925	0.04856	0.04935
0.04851	0.04925	606747.8	4200928	91335.79	0.05537	0.0572	0.06217	0.06101	0.04851	0.04925

X	Y	AREA3	ROAD1	ROAD2	ROAD3	ROAD4	ROAD5	ROAD6
X	Y	AVERAGE C	AVERAGE C	AVERAGE C	AVERAGE C	AVERAGE C	AVERAGE C	AVERAGE CONC
606771.3	4200809	155511.6	0.08488	0.08498	0.04666	0.04498	0.03495	0.03568
606787.8	4200808	144532.8	0.08645	0.08689	0.04598	0.04418	0.03523	0.03594
606807.8	4200808	129919.5	0.09263	0.09273	0.04694	0.04487	0.0354	0.03608
606827.8	4200808	117918.6	0.09855	0.09846	0.04723	0.04515	0.03554	0.0362
606847.8	4200808	107817.4	0.10527	0.10493	0.04756	0.04536	0.03565	0.03629
606867.8	4200808	99211.71	0.11284	0.11219	0.04773	0.04526	0.03573	0.03634
606887.8	4200808	91866.25	0.12011	0.1193	0.04774	0.04539	0.0358	0.03637
606907.8	4200808	85466.46	0.12864	0.12706	0.04822	0.04576	0.03583	0.03638
606927.8	4200808	79890.26	0.13855	0.13642	0.04848	0.04592	0.03585	0.03638
606947.8	4200808	74967.92	0.14935	0.14655	0.04867	0.04599	0.03586	0.03636
606767.8	4200828	155309.6	0.07943	0.08004	0.04887	0.04722	0.03696	0.0377
606787.8	4200828	140336.6	0.08291	0.08356	0.04949	0.04763	0.03723	0.03795
606807.8	4200828	126036.1	0.08872	0.08925	0.05015	0.04814	0.03734	0.03803
606827.8	4200828	114396	0.09503	0.0954	0.05072	0.0484	0.03742	0.03808
606847.8	4200828	104780.3	0.10165	0.10182	0.05108	0.04874	0.0375	0.03812
606867.8	4200828	96634.11	0.10898	0.10885	0.05159	0.04908	0.03755	0.03815
606887.8	4200828	89601.83	0.11633	0.11618	0.05164	0.04914	0.03757	0.03814
606907.8	4200828	83470	0.12471	0.12391	0.05224	0.0496	0.03757	0.03811
606927.8	4200828	78101.13	0.13491	0.13348	0.05275	0.04996	0.03755	0.03806
606947.8	4200828	73360.73	0.14597	0.14392	0.05313	0.05019	0.03751	0.038
606967.8	4200828	69128.03	0.15835	0.1555	0.05344	0.05035	0.03745	0.03792
606987.8	4200828	65328.63	0.1721	0.16843	0.05365	0.05042	0.03738	0.03781
606747.8	4200848	161980.7	0.07322	0.07409	0.05153	0.05004	0.03871	0.03948
606767.8	4200848	147197.4	0.07637	0.0772	0.05195	0.05034	0.03902	0.03976
606787.8	4200848	133908	0.07951	0.08048	0.05277	0.05093	0.03926	0.03998
606807.8	4200848	120945	0.08497	0.08588	0.05356	0.05147	0.03933	0.04002
606827.8	4200848	110265.8	0.09086	0.09168	0.05414	0.05168	0.03939	0.04004
606847.8	4200848	101293.5	0.09686	0.09802	0.05473	0.05214	0.03942	0.04004
606867.8	4200848	93645.49	0.10405	0.105	0.05544	0.05268	0.03942	0.04001
606887.8	4200848	87017.45	0.11154	0.11218	0.05584	0.05323	0.0394	0.03996
606907.8	4200848	81223.29	0.12016	0.12015	0.05661	0.05383	0.03936	0.03989
606927.8	4200848	76116.93	0.13044	0.12983	0.05739	0.05442	0.03929	0.03979
606947.8	4200848	71589.55	0.1417	0.14051	0.05805	0.05487	0.03921	0.03968
606967.8	4200848	67542.7	0.15423	0.1523	0.05861	0.05523	0.03911	0.03955
606987.8	4200848	63902.87	0.16822	0.16553	0.05905	0.05548	0.03899	0.0394
607107.8	4200848	47948.55	0.30118	0.28705	0.05941	0.0552	0.03792	0.03819
607127.8	4200848	45981.51	0.33611	0.31796	0.05919	0.05502	0.03769	0.03795
607147.8	4200848	44152.93	0.37708	0.35414	0.05906	0.05496	0.03745	0.03769
607167.8	4200848	42453.86	0.42527	0.39626	0.05896	0.05493	0.03721	0.03742
607187.8	4200848	40866.82	0.48374	0.44686	0.05904	0.0551	0.03695	0.03714
607207.8	4200848	39381.28	0.55629	0.50873	0.05937	0.0555	0.03668	0.03685
607227.8	4200848	37993.43	0.64634	0.58449	0.0597	0.05577	0.0364	0.03656
606747.8	4200868	151565.6	0.06964	0.07075	0.05426	0.05284	0.04093	0.0417
606767.8	4200868	139104.6	0.07232	0.07347	0.05474	0.0532	0.04122	0.04196
606787.8	4200868	126866.2	0.07499	0.07653	0.05533	0.05361	0.04138	0.04209
606807.8	4200868	115397	0.08024	0.08198	0.05663	0.05445	0.04142	0.04209
606827.8	4200868	105751.2	0.08613	0.0876	0.0578	0.05523	0.04143	0.04207
606847.8	4200868	97514.36	0.09216	0.09377	0.05865	0.05603	0.04141	0.04201
606867.8	4200868	90422.14	0.09897	0.10064	0.05926	0.0568	0.04136	0.04194
606887.8	4200868	84242.24	0.10635	0.10759	0.06025	0.05759	0.04129	0.04184
606907.8	4200868	78809.37	0.11494	0.1156	0.0613	0.05841	0.0412	0.04171
606927.8	4200868	73997.35	0.1252	0.12524	0.06236	0.05926	0.04109	0.04157
606947.8	4200868	69706.91	0.13646	0.1362	0.06338	0.06002	0.04095	0.0414
607047.8	4200868	53764.25	0.21797	0.21262	0.06661	0.06198	0.04002	0.04034
607067.8	4200868	51356.05	0.24166	0.23438	0.06683	0.06201	0.03979	0.04008
607087.8	4200868	49135.9	0.2691	0.25943	0.06693	0.06197	0.03954	0.03981
607107.8	4200868	47085.71	0.30081	0.28785	0.06688	0.06184	0.03928	0.03953
607127.8	4200868	45185.63	0.33783	0.3207	0.06674	0.06168	0.03901	0.03924
607147.8	4200868	43418.74	0.38147	0.35914	0.06656	0.06154	0.03873	0.03893
607167.8	4200868	41772.4	0.4335	0.40452	0.06643	0.06147	0.03844	0.03862
607187.8	4200868	40234.12	0.49695	0.45919	0.06644	0.06158	0.03814	0.0383
607207.8	4200868	38795.58	0.57552	0.52578	0.06658	0.06182	0.03783	0.03797
607227.8	4200868	37445.71	0.67607	0.6095	0.06699	0.06226	0.03751	0.03764
606755.2	4200887	139503.3	0.06602	0.06742	0.05665	0.05528	0.04331	0.04406
606767.8	4200888	131414.8	0.06711	0.06848	0.05733	0.05583	0.04357	0.0443
606787.8	4200888	119786.9	0.07067	0.07233	0.05854	0.05691	0.0436	0.04429
606807.8	4200888	109714.1	0.07569	0.07783	0.06005	0.05796	0.04358	0.04424
606827.8	4200888	101069.4	0.08123	0.08322	0.06151	0.059	0.04354	0.04416
606847.8	4200888	93599.4	0.08718	0.08918	0.06278	0.06005	0.04346	0.04405
606867.8	4200888	87090.17	0.09361	0.09578	0.06386	0.06111	0.04336	0.04392
606887.8	4200888	81364.95	0.1007	0.10229	0.06484	0.06219	0.04324	0.04376
606907.8	4200888	76308.93	0.10915	0.11042	0.06619	0.06329	0.04309	0.04358
606927.8	4200888	71794.78	0.11931	0.12036	0.06767	0.0645	0.04292	0.04338
607027.8	4200888	55112.02	0.19098	0.18881	0.07377	0.06888	0.04181	0.04212
607047.8	4200888	52601.52	0.21223	0.20856	0.07461	0.06939	0.04153	0.04182
607067.8	4200888	50294.57	0.23655	0.23104	0.07523	0.06969	0.04125	0.04152
607087.8	4200888	48164.2	0.2649	0.25705	0.07566	0.06985	0.04096	0.0412
607107.8	4200888	46192.08	0.29804	0.28688	0.07591	0.06989	0.04065	0.04087
607127.8	4200888	44361.22	0.33707	0.32161	0.07597	0.06983	0.04033	0.04053
607147.8	4200888	42658.77	0.3831	0.36223	0.07584	0.06965	0.04001	0.04018
607167.8	4200888	41068.74	0.43871	0.41068	0.07569	0.06952	0.03967	0.03982
607187.8	4200888	39579.79	0.50735	0.4697	0.07567	0.06959	0.03932	0.03946
607207.8	4200888	38187.01	0.59291	0.54203	0.07572	0.06975	0.03897	0.03909
607227.8	4200888	36878.32	0.70387	0.63389	0.07606	0.07018	0.03861	0.03871
606747.8	4200908	134603.3	0.05892	0.06042	0.05886	0.0576	0.04597	0.04673
606767.8	4200908	122942.1	0.06256	0.06412	0.06025	0.05888	0.04595	0.04667
606787.8	4200908	113012.1	0.06692	0.06874	0.06234	0.06078	0.04592	0.0466
606807.8	4200908	104125.5	0.07155	0.07344	0.06387	0.06206	0.04583	0.04647
606827.8	4200908	96417.01	0.07664	0.07859	0.06533	0.06328	0.04571	0.04632
606847.8	4200908	89690.02	0.08221	0.08423	0.06696	0.06466	0.04558	0.04615
606867.8	4200908	83736.67	0.08774	0.09048	0.06784	0.06552	0.04541	0.04595
606887.8	4200908	78472.95	0.09477	0.09678	0.06949	0.06694	0.04523	0.04572
606987.8	4200908	59254.59	0.14892	0.14994	0.07875	0.07441	0.044	0.04433
607007.8	4200908	56415.86	0.16468	0.1652	0.08051	0.07571	0.0437	0.04401
607027.8	4200908	53814.74	0.18295	0.18252	0.08213	0.07684	0.04339	0.04367
607047.8	4200908	51420.21	0.20424	0.20255	0.08362	0.07784	0.04306	0.04332
607067.8	4200908	49212.83	0.22896	0.22565	0.08489	0.07863	0.04273	0.04296
607087.8	4200908	47172.61	0.25791	0.25243	0.08591	0.0792	0.04238	0.04259
607107.8	4200908	45280.92	0.29206	0.28339	0.08668	0.07957	0.04202	0.04221
607127.8	4200908	43520.51	0.3327	0.31981	0.08718	0.07976	0.04165	0.04182
607147.8	4200908	41878.94	0.38148	0.36298	0.08743	0.07979	0.04128	0.04142
607167.8	4200908	40346.78	0.44044	0.41444	0.08742	0.07968	0.0409	0.04102
607187.8	4200908	38909.94	0.51382	0.47755	0.08741	0.07967	0.04051	0.04061
607207.8	4200908	37561.54	0.60707	0.55633	0.08749	0.07985	0.04011	0.04019
607227.8	4200908	36295.75	0.72831	0.65653	0.08768	0.08017	0.03971	0.03978
606687.8	4200928	159227.2	0.04639	0.04837	0.05691	0.05611	0.04858	0.04946
606707.8	4200928	147056.2	0.04942	0.05107	0.05904	0.05799	0.0486	0.04943
606727.8	4200928	135261.4	0.05227	0.05401	0.06034	0.05925	0.04856	0.04935
606747.8	4200928	124610.2	0.05537	0.0572	0.06217	0.06101	0.04851	0.04925

0.04841	0.04911	606767.8	4200928	87805.09	0.05884	0.06077	0.06382	0.06243	0.04841	0.04911	606767.8	4200928	114924	0.05884	0.06077	0.06382	0.06243	0.04841	0.04911
0.0483	0.04896	606787.8	4200928	84462.34	0.06247	0.0645	0.06546	0.06404	0.0483	0.04896	606787.8	4200928	106385.2	0.06247	0.0645	0.06546	0.06404	0.0483	0.04896
0.04815	0.04876	606807.8	4200928	81161.52	0.06664	0.06879	0.0672	0.06563	0.04815	0.04876	606807.8	4200928	98727.22	0.06664	0.06879	0.0672	0.06563	0.04815	0.04876
0.04796	0.04854	606827.8	4200928	77930.81	0.07146	0.07371	0.06907	0.06731	0.04796	0.04854	606827.8	4200928	91891.34	0.07146	0.07371	0.06907	0.06731	0.04796	0.04854
0.04775	0.04829	606847.8	4200928	74861.97	0.0767	0.07906	0.07097	0.06892	0.04775	0.04829	606847.8	4200928	85847.44	0.0767	0.07906	0.07097	0.06892	0.04775	0.04829
0.04752	0.04802	606867.8	4200928	71895.88	0.08202	0.08505	0.07266	0.07	0.04752	0.04802	606867.8	4200928	80447.13	0.08202	0.08505	0.07266	0.07	0.04752	0.04802
0.04605	0.04639	606967.8	4200928	58879.99	0.12694	0.12938	0.08363	0.07977	0.04605	0.04639	606967.8	4200928	60610.18	0.12694	0.12938	0.08363	0.07977	0.04605	0.04639
0.04571	0.04601	606987.8	4200928	56607.96	0.14022	0.1425	0.0862	0.08185	0.04571	0.04601	606987.8	4200928	57669.72	0.14022	0.1425	0.0862	0.08185	0.04571	0.04601
0.04535	0.04563	607007.8	4200928	54454.05	0.15533	0.15736	0.08871	0.08378	0.04535	0.04563	607007.8	4200928	54984.67	0.15533	0.15736	0.08871	0.08378	0.04535	0.04563
0.04498	0.04523	607027.8	4200928	52385.59	0.17324	0.17461	0.09119	0.08565	0.04498	0.04523	607027.8	4200928	52511.7	0.17324	0.17461	0.09119	0.08565	0.04498	0.04523
0.0446	0.04482	607047.8	4200928	50412.78	0.19407	0.19455	0.09355	0.08735	0.0446	0.04482	607047.8	4200928	50233.26	0.19407	0.19455	0.09355	0.08735	0.0446	0.04482
0.04421	0.0444	607067.8	4200928	48524.3	0.21873	0.21794	0.09579	0.0889	0.04421	0.0444	607067.8	4200928	48124.39	0.21873	0.21794	0.09579	0.0889	0.04421	0.0444
0.04381	0.04398	607087.8	4200928	46729.31	0.2478	0.2452	0.09774	0.09016	0.04381	0.04398	607087.8	4200928	46173.04	0.2478	0.2452	0.09774	0.09016	0.04381	0.04398
0.04339	0.04354	607107.8	4200928	45015.69	0.28252	0.27706	0.09942	0.09118	0.04339	0.04354	607107.8	4200928	44359.45	0.28252	0.27706	0.09942	0.09118	0.04339	0.04354
0.04298	0.0431	607127.8	4200928	43378.33	0.32431	0.31487	0.10077	0.09191	0.04298	0.0431	607127.8	4200928	42669.2	0.32431	0.31487	0.10077	0.09191	0.04298	0.0431
0.04255	0.04266	607147.8	4200928	41812.71	0.37519	0.36022	0.10177	0.0924	0.04255	0.04266	607147.8	4200928	41089.89	0.37519	0.36022	0.10177	0.0924	0.04255	0.04266
0.04212	0.0422	607167.8	4200928	40320.3	0.4375	0.41485	0.10236	0.09262	0.04212	0.0422	607167.8	4200928	39613.06	0.4375	0.41485	0.10236	0.09262	0.04212	0.0422
0.04168	0.04175	607187.8	4200928	38896.19	0.51522	0.48181	0.10259	0.09264	0.04168	0.04175	607187.8	4200928	38229.16	0.51522	0.48181	0.10259	0.09264	0.04168	0.04175
0.04124	0.04129	607207.8	4200928	37531.48	0.61553	0.56661	0.10278	0.09282	0.04124	0.04129	607207.8	4200928	36926.83	0.61553	0.56661	0.10278	0.09282	0.04124	0.04129
0.04079	0.04083	607227.8	4200928	36232.13	0.74722	0.67535	0.1029	0.09304	0.04079	0.04083	607227.8	4200928	35703.41	0.74722	0.67535	0.1029	0.09304	0.04079	0.04083
0.05146	0.05238	606667.8	4200948	117788.6	0.04148	0.04302	0.05802	0.05727	0.05146	0.05238	606667.8	4200948	151245.6	0.04148	0.04302	0.05802	0.05727	0.05146	0.05238
0.05142	0.05228	606687.8	4200948	112763.5	0.04373	0.04531	0.05946	0.05861	0.05142	0.05228	606687.8	4200948	142119.6	0.04373	0.04531	0.05946	0.05861	0.05142	0.05228
0.05135	0.05217	606707.8	4200948	107962.2	0.04608	0.04781	0.06128	0.06034	0.05135	0.05217	606707.8	4200948	132933.4	0.04608	0.04781	0.06128	0.06034	0.05135	0.05217
0.05126	0.05202	606727.8	4200948	103363.8	0.04856	0.05041	0.06296	0.06205	0.05126	0.05202	606727.8	4200948	123981	0.04856	0.05041	0.06296	0.06205	0.05126	0.05202
0.05113	0.05184	606747.8	4200948	98881.59	0.05134	0.05331	0.06472	0.0637	0.05113	0.05184	606747.8	4200948	115422.9	0.05134	0.05331	0.06472	0.0637	0.05113	0.05184
0.05095	0.05162	606767.8	4200948	94529.44	0.0545	0.05659	0.06657	0.06544	0.05095	0.05162	606767.8	4200948	107434.9	0.0545	0.05659	0.06657	0.06544	0.05095	0.05162
0.05075	0.05138	606787.8	4200948	90386.77	0.05797	0.06019	0.06849	0.06723	0.05075	0.05138	606787.8	4200948	100145.4	0.05797	0.06019	0.06849	0.06723	0.05075	0.05138
0.05052	0.05111	606807.8	4200948	86445.27	0.0618	0.06416	0.07049	0.06909	0.05052	0.05111	606807.8	4200948	93535.25	0.0618	0.06416	0.07049	0.06909	0.05052	0.05111
0.05026	0.0508	606827.8	4200948	82654.26	0.06621	0.06871	0.07264	0.07107	0.05026	0.0508	606827.8	4200948	87533.85	0.06621	0.06871	0.07264	0.07107	0.05026	0.0508
0.04862	0.04898	606927.8	4200948	66419.55	0.09806	0.10117	0.08425	0.08145	0.04862	0.04898	606927.8	4200948	65202.68	0.09806	0.10117	0.08425	0.08145	0.04862	0.04898
0.04824	0.04857	606947.8	4200948	63656.34	0.10739	0.1106	0.08726	0.08408	0.04824	0.04857	606947.8	4200948	61897.4	0.10739	0.1106	0.08726	0.08408	0.04824	0.04857
0.04785	0.04814	606967.8	4200948	61031.68	0.11808	0.12146	0.09045	0.0868	0.04785	0.04814	606967.8	4200948	58876.07	0.11808	0.12146	0.09045	0.0868	0.04785	0.04814
0.04744	0.0477	606987.8	4200948	58544.1	0.13046	0.13388	0.09376	0.08957	0.04744	0.0477	606987.8	4200948	56108.94	0.13046	0.13388	0.09376	0.08957	0.04744	0.0477
0.04702	0.04725	607007.8	4200948	56184.65	0.14482	0.14827	0.09719	0.09235	0.04702	0.04725	607007.8	4200948	53566.8	0.14482	0.14827	0.09719	0.09235	0.04702	0.04725
0.04658	0.04679	607027.8	4200948	53937.65	0.16186	0.165	0.10069	0.09512	0.04658	0.04679	607027.8	4200948	51220.82	0.16186	0.165	0.10069	0.09512	0.04658	0.04679
0.04614	0.04632	607047.8	4200948	51800.4	0.18196	0.18465	0.10421	0.09784	0.04614	0.04632	607047.8	4200948	49051.21	0.18196	0.18465	0.10421	0.09784	0.04614	0.04632
0.04569	0.04584	607067.8	4200948	49771.13	0.20581	0.2077	0.10768	0.10041	0.04569	0.04584	607067.8	4200948	47041.46	0.20581	0.2077	0.10768	0.10041	0.04569	0.04584
0.04523	0.04536	607087.8	4200948	47845.16	0.23438	0.23501	0.111	0.10275	0.04523	0.04536	607087.8	4200948	45175.67	0.23438	0.23501	0.111	0.10275	0.04523	0.04536
0.04476	0.04487	607107.8	4200948	46013.69	0.26897	0.26733	0.11413	0.10486	0.04476	0.04487	607107.8	4200948	43438.14	0.26897	0.26733	0.11413	0.10486	0.04476	0.04487
0.04429	0.04438	607127.8	4200948	44267.65	0.31133	0.30628	0.11699	0.10669	0.04429	0.04438	607127.8	4200948	41814.59	0.31133	0.30628	0.11699	0.10669	0.04429	0.04438
0.04381	0.04388	607147.8	4200948	42614.14	0.36295	0.35286	0.11928	0.10799	0.04381	0.04388	607147.8	4200948	40299.98	0.36295	0.35286	0.11928	0.10799	0.04381	0.04388
0.04333	0.04338	607167.8	4200948	41032.05	0.42803	0.41048	0.1212	0.10906	0.04333	0.04338	607167.8	4200948	38876.52	0.42803	0.41048	0.1212	0.10906	0.04333	0.04338
0.04284	0.04287	607187.8	4200948	39529.45	0.51022	0.48166	0.12246	0.10966	0.04284	0.04287	607187.8	4200948	37541.88	0.51022	0.48166	0.12246	0.10966	0.04284	0.04287
0.04235	0.04236	607207.8	4200948	38099.73	0.61665	0.57174	0.12315	0.10997	0.04235	0.04236	607207.8	4200948	36287.13	0.61665	0.57174	0.12315	0.10997	0.04235	0.04236
0.04186	0.04186	607227.8	4200948	36739.37	0.75859	0.68877	0.12343	0.11016	0.04186	0.04186	607227.8	4200948	35105.92	0.75859	0.68877	0.12343	0.11016	0.04186	0.04186
0.05428	0.05553	606547.8	4200968	169721.2	0.02991	0.03085	0.05035	0.0501	0.05428	0.05553	606547.8	4200968	156804.6	0.02991	0.03085	0.05035	0.0501	0.05428	0.05553
0.05443	0.05562	606567.8	4200968	164194.4	0.03113	0.03214	0.05163	0.05136	0.05443	0.05562	606567.8	4200968	155101.7	0.03113	0.03214	0.05163	0.05136	0.05443	0.05562
0.05453	0.05565	606587.8	4200968	157754.3	0.03253	0.03359	0.05298	0.05268	0.05453	0.05565	606587.8	4200968	152779	0.03253	0.03359	0.05298	0.05268	0.05453	0.05565
0.05458	0.05565	606607.8	4200968	150990	0.03386	0.03499	0.05441	0.05408	0.05458	0.05565	606607.8	4200968	149858.7	0.03386	0.03499	0.05441	0.05408	0.05458	0.05565
0.05457	0.05558	606627.8	4200968	143734.2	0.0356	0.03686	0.05591	0.05553	0.05457	0.05558	606627.8	4200968	145699.7	0.0356	0.03686	0.05591	0.05553	0.05457	0.05558
0.05454	0.05549	606647.8	4200968	136874	0.03714	0.03842	0.05748	0.05706	0.05454	0.05549	606647.8	4200968	140672.2	0.03714	0.03842	0.05748	0.05706	0.05454	0.05549
0.05449	0.05538	606667.8	4200968	130437.7	0.03864	0.0402	0.05982	0.05912	0.05449	0.05538	606667.8	4200968	134921.5	0.03864	0.0402	0.05982	0.05912	0.05449	0.05538
0.05439	0.05523	606687.8	4200968	124073.5	0.04048	0.04215	0.06153	0.06093	0.05439	0.05523	606687.8	4200968	128285.8	0.04048	0.04215	0.06153	0.06093	0.05439	0.05523
0.05423	0.05502	606707.8	4200968	117876.6	0.04258	0.04437	0.06332	0.06265	0.05423	0.05502	606707.8	4200968	121197	0.04258	0.04437	0.06332	0.06265	0.05423	0.05502
0.05405	0.05478	606727.8	4200968	112039.4	0.04485	0.04676	0.06518	0.06442	0.05405	0.05478	606727.8	4200968	114082.1	0.04485	0.04676	0.06518	0.06442	0.05405	0.05478
0.05382	0.0545	606747.8	4200968	106445.2	0.04746	0.0495	0.06715	0.0663	0.05382	0.0545	606747.8	4200968	107100.1	0.04746	0.0495	0.06715	0.0663	0.05382	0.0545
0.05356	0.05419	606767.8	4200968	101190.9	0.05033	0.05251	0.06922	0.06826	0.05356	0.05419	606767.8	4200968	100484.8	0.05033	0.05251	0.06922	0.06826	0.05356	0.05419
0.05327	0.05386	606787.8	4200968	96247.06	0.05353	0.05586	0.0714	0.07032	0.05327	0.05386	606787.8	4200968	94304.87	0.05353	0.05586	0.0714	0.07032	0.05327	0.05386
0.05101	0.05136	606907.8	4200968	72175.21	0.08304	0.08624	0.08637	0.08421	0.05101	0.05136	606907.8	4200968	66446.89	0.08304	0.08624	0.08637	0.08421	0.05101	0.05136
0.05057	0.05088	606927.8	4200968	68954.24	0.09047	0.09403	0.0897	0.08723	0.05057	0.05088	606927.8	4200968	63090.16	0.09047	0.09403	0.0897	0.08723	0.05057	0.05088
0.05012	0.0504	606947.8	4200968	65916.58	0.09896	0.10277	0.0933	0.09045	0.05012	0.0504	606947.8	4200968	60012.05	0.09896	0.10277	0.0933	0.09045	0.05012	0.0504
0.04965	0.0499	606967.8	4200968	63049.63	0.10873	0.11283	0.09716	0.09386	0.04965	0.0499	606967.8	4200968	57183.95	0.10873	0.11283	0.09716	0.09386	0.04965	0.0499
0.04917	0.04939	606987.8	4200968	60342.04	0.12011	0.12447	0.10129	0.09744	0.04917	0.04939	606987.8	4200968	54579.42	0.12011	0.12447	0.10129	0.09744	0.04917	0.04939
0.04868	0.04887	607007.8	4200968	57783.28	0.13345	0.13807	0.1057	0.1012	0.04868	0.04887	607007.8	4200968	52175.92	0.13345	0.13807	0.1057	0.1012	0.04868	0.04887
0.04819	0.04835	607027.8	4200968	55360.22	0.14928	0.15399	0.11034	0.10504	0.04819	0.04835	607027.8	4200968	49950.96	0.14928	0.15399	0.11034	0.10504	0.04819	0.04835
0.04768	0.04781	607047.8	4200968	53066.29	0.1681	0.1728	0.1152	0.10899	0.04768	0.04781	607047.8	4200968	47887.51	0.1681	0.1728	0.1152	0.10899	0.04768	0.04781
0.04716	0.04728	607067.8	4200968	50900.37	0.19055	0.19503	0.12019	0.11292	0.04716	0.04728	607067.8	4200968	45972.64	0.19055	0.19503	0.12019	0.11292	0.04716	0.04728
0.04664	0.04673	607087.8	4200968	48849.09	0.21783	0.22175	0.1253	0.11678	0.04664	0.04673	607087.8	4200968	44189.26	0.21783	0.22175	0.1253	0.11678	0.04664	0.04673
0.04612	0.04619	607107.8	4200968	46905.45	0.25128	0.25382	0.13045	0.12054	0.04612	0.04619	607107.8	4200968	42525.16	0.25128	0.25382	0.13045	0.12054	0.04612	0.04619
0.04559	0.04564	607127.8	4200968	45062.18	0.29269	0.29283	0.1355	0.12405	0.04559	0.04564	607127.8	4200968	40969.06	0.29269	0.29283	0.1355	0.12405	0.04559	0.04564
0.04506	0.04508	607147.8	4200968	43315.39	0.34443	0.34056	0.14025	0.12715	0.04506	0.04508	607147.8	4200968	39512.04	0.34443	0.34056	0.14025	0.12715	0.04506	0.04508
0.04452	0.04453	607167.8	4200968	41657.32	0.41015	0.39981	0.14448	0.12973	0.04452	0.04453	607167.8	4200968	38144.26	0.41015	0.39981	0.14448	0.12973	0.04452	0.04453
0.04398	0.04398	607187.8	4200968	40081.2	0.49534	0.47458	0.14805	0.13177	0.04398	0.04398	607187.8	4200968	36857.36	0.49534	0.47458	0.14805	0.13177	0.04398	0.04398
0.04344	0.04342	607207.8	4200968	38584.55	0.60802	0.57062	0.15069	0.13322	0.04344	0.04342	607207.8	4200968	35645.64	0.60802	0.57062	0.15069	0.13322	0.04344	0.04342
0.04291	0.04287	607227.8	4200968	37173.2	0.75815	0.6946	0.1518	0.1336	0.04291	0.04287	607227.8	4200968	34508.08	0.75815	0.6946	0.1518	0.1336	0.04291	0.04287
0.05794	0.05926	606527.8	4200988	215197.3	0.0266	0.02752	0.05041	0.05014	0.05794	0.05926	606527.8	4200988	143511.1	0.0266	0.02752	0.05041	0.05014	0.05794	0.05926
0.05805	0.0593	606547.8	4200988	206121.2	0.02764	0.02864	0.05181	0.05139	0.05805	0.0593	606547.8	4200988	141346.5	0.02764	0.02864	0.05181	0.05139	0.05805	0.0593
0.05809	0.05927	606567.8	4200988	195154.9	0.02894	0.02986	0.05285	0.0527	0.05809	0.05927	606567.8	4200988	139214.6	0.02894	0.02986	0.05285	0.0527	0.05809	0.05927
0.05809	0.0592	606587.8	4200988	183754.4	0.03022	0.03122	0.05426	0.05409	0.05809	0.0592	606587.8	4200988	136823.9	0.03022	0.03122	0.05426	0.05409	0.05809	0.0592
0.05804	0.05908	606607.8	4200988	172593.7	0.03161	0.03268	0.05576	0.05553	0.05804	0.05908	606607.8	4200988	134004.1	0.03161	0.03268	0.05576	0.05553	0.05804	0.05908
0.05795	0.05893	606627.8	4200988	162258.8	0.03287	0.03398	0.05735	0.05711	0.05795	0.05893	606627.8	4200988	130705.6	0.03287	0.03398	0.05735	0.05711	0.05795	0.05893
0.05781	0.05873	606647.8	4200988	152568.3	0.0342	0.03565	0.05947	0.05875	0.05781	0.05873	606647.8	4200988	126620	0.0342	0.03565	0.05947	0.05875	0.05781	0.05873
0.05764	0.05851	606667.8	4200988	143665.6	0.03587	0.03739	0.06149	0.06112	0.05764	0.05851	606667.8	4200988	121891	0.03587	0.03739	0.06149	0.06112	0.05764	0.05851
0.05745	0.05825	606687.8	4200988	135502.4	0.03748	0.03911	0.0633	0.06287	0.05745	0.05825	606687.8	4200988	116693.5	0.03748	0.03911	0.0633	0.06287	0.05745	0.05825
0.0572	0.05795	606707.8	4200988	127818.5	0.0393	0.04106	0.06522	0.06472	0.0572	0.05795	606707.8	4200988	111113.7	0.0393	0.04106	0.06522	0.06472	0.0572	0.05795
0.05691	0.05761	606727.8	4200988	120647.4	0.04135	0.04324	0.06724	0.06667	0.05691	0.05761	606727.8	4200988	105376.4	0.04135	0.04324	0.06724	0.06667	0.05691	0.05761
0.05658	0.05722	606747.8	4200988	113910	0.04374	0.04577	0.06942	0.06876	0.05658	0.05722	606747.8	4200988	99645.72	0.04374	0.04577	0.06942	0.06876	0.05658	0.05722
0.05405	0.05442	606867.8	4200988	82653.52	0.06455	0.06738	0.08434	0.08301	0.05405	0.05442	606867.8	4200988	71138.24	0.06455	0.06738	0.08434	0.08301	0.05405	0.05442
0.05356	0.05389	606887.8	4200988	78616.46	0.07006	0.07319	0.08759	0.08606	0.05356	0.05389	606887.8	4200988	67495.35	0.07006	0.07319	0.08759	0.08606	0.05356	0.05389
0.05305	0.05335	606907.8	4200988	74850.19	0.07615	0.07957	0.09108	0.08929	0.05305	0.05335	606907.8	4200988	64138.57	0.07615	0.07957	0.09108	0.08929	0.05305	0.05335
0.05253	0.0528	606927.8	4200988	71321.97	0.08284	0.08667	0.09491	0.09285	0.05253	0.0528	606927.8	4200988	61040.23	0.08284	0.08667	0.09491	0.09285	0.05253	0.0528
0.052	0.05223	606947.8	4200988	68012.73	0.09048	0.09466	0.09909	0.09669	0.052	0.05223	606947.8	4200988	58179.3	0.09048	0.09466	0.09909	0.09669	0.052	0.05223
0.05146	0.05166	606967.8	4200988	64905.42	0.09927	0.10386	0.10363	0.10083	0.05146	0.05166	606967.8	4200988	55534.8	0.09927	0.10386	0.10363	0.10083	0.05146	0.05166
0.05091	0.05108	606987.8	4200988	61984.78	0.10953	0.11454	0.10857	0.10526	0.05091	0.05108	606987.8	4200988	53087.18	0.10953	0.11454	0.10857	0.10526	0.05091	0.05108
0.05035	0.05049	607007.8	4200988	59237.04	0.12156	0.12707	0.11397	0.11003	0.05035	0.05049	607007.8	4200988	50818.69	0.12156	0.12707	0.11397	0.11003	0.05035	0.05049
0.04978	0.04989	607027.8	4200988	56640.02	0.13599	0.14191	0.11986	0.11514	0.04978	0.04989	607027.8	4200988	48708.32	0.13599	0.14191	0.11986	0.11514	0.04978	0.04989
0.04921	0.04929	607047.8	4200988	54202.39	0.15301	0.15935	0.1261	0.12044	0.04921	0.04929	607047.8	4200988	46749.16	0.15301	0.15935	0.1261	0.12044	0.04921	0.04929
0.04863	0.04869	607067.8	4200988	51903.46	0.17356	0.18024	0.13281	0.12602	0.04863	0.04869	607067.8	4200988	44923.85	0.17356	0.18024	0.13281	0.12602	0.04863	0.04869
0.04805	0.04809	607087.8	4200988	49733.92	0.19874	0.20563	0.14001	0.13181	0.04805	0.04809	607087.8	4200988	43220.1	0.19874	0.20563	0.14001	0.13181	0.04805	0.04809
0.04746	0.04748	607107.8	4200988	47684.94	0.22993	0.2365	0.14767	0.13779	0.04746	0.04748	607107.8	4200988	41626.8	0.22993	0.2365	0.14767	0.13779	0.04746	0.04748
0.04687	0.04688	607127.8	4200988	45748.6	0.26906	0.27459	0.15572	0.14383	0.04687	0.04688	607127.8	4200988	40134.21	0.26906	0.27459	0.15572	0.14383	0.04687	0.04688
0.04628	0.04627	607147.8	4200988	43917.62	0.31888	0.32211	0.16403	0.14975	0.04628	0.04627	607147.8	4200988	38733.75	0.31888	0.32211	0.16403	0.14975	0.04628	0.04627
0.04569	0.04566	607167.8	4200988	42185.16	0.38342	0.38214	0.17231	0.15534	0.04569	0.04566	607167.8	4200988	37417.49	0.38342	0.38214	0.17231	0.15534	0.04569	0.04566
0.04511	0.04506	607187.8	4200988	40544.96	0.4687	0.45905	0.18019	0.16033	0.04511	0.04506	607187.8	4200988	36178.32	0.4687	0.45905	0.18019	0.16033	0.04511	0.04506
0.04452	0.04445	607207.8	4200988	38993.33	0.58356	0.55906	0.18702	0.16431	0.04452	0.04445	607207.8	4200988	35011.22	0.58356	0.55906	0.18702	0.16431	0.04452	0.04445
0.06202	0.06334	606527.8	4201008	277768	0.02482	0.02572	0.05169	0.05167	0.06202	0.06334	606527.8	4201008	130767.3	0.02482	0.02572	0.05169	0.05167	0.06202	0.06334
0.06202	0.06325	606547.8	4201008	256239.1	0.02578	0.02674	0.05305	0.05301	0.06202	0.06325	606547.8	4201008	128578.5	0.02578	0.02674	0.05305	0.05301	0.06202	0.06325
0.06194	0.0631	606567.8	4201008	233278.3	0.02688	0.0279	0.0545	0.05444	0.06194	0.0631	606567.8	4201008	126372.1	0.02688	0.0279	0.0545	0.05444	0.06194	0.0631
0.06182	0.06291	606587.8	4201008	213362.1	0.02801	0.0291	0.05603	0.05587	0.06182	0.06291	606587.8	4201008	124074.2	0.02801	0.0291	0.05603	0.05587	0.06182	0.06291
0.06165	0.06267	606607.8	4201008	196241.1	0.02923	0.03039	0.05759	0.05733	0.06165	0.06267	606607.8	4201008	121484.4	0.02923	0.03039	0.05759	0.05733	0.06165	0.06267
0.06145	0.0624	606627.8	4201008	181611	0.03046	0.0317	0.05932	0.05919	0.06145	0.0624	606627.8	4201008	118600.9	0.03046	0.0317	0.05932	0.05919	0.06145	0.0624
0.06121	0.06209	606647.8	4201008	168773.8	0.03174	0.03308	0.06108	0.06091	0.06121	0.06209	606647.8	4201008	115214.1	0.03174	0.03308	0.06108	0.06091	0.06121	0.06209
0.06092	0.06173	606667.8	4201008	157172.8	0.03319	0.03462	0.06295	0.06274	0.06092	0.06173	606667.8	4201008	111272.2	0.03319	0.03462	0.06295	0.06274	0.06092	0.06173
0.0606	0.06136	606687.8	4201008	146949.8	0.03463	0.03617	0.06487	0.06462	0.0606	0.06136	606687.8	4201008	107035.1	0.03463	0.03617	0.06487	0.06462	0.0606	0.06136
0.0574	0.0578	606827.8	4201008	95760.94	0.05142	0.05409	0.08241	0.08162	0.0574	0.0578	606827.8	4201008	75577.91	0.05142	0.05409	0.08241	0.08162	0.0574	0.0578
0.05685	0.05721	606847.8	4201008	90619.5	0.05504	0.05794	0.08561	0.08453	0.05685	0.05721	606847.8	4201008	71799.71	0.05504	0.05794	0.08561	0.08453	0.05685	0.05721
0.05628	0.0566	606867.8	4201008	85838.78	0.05931	0.06201	0.08794	0.08697	0.05628	0.0566	606867.8	4201008	68259.26	0.05931	0.06201	0.08794	0.08697	0.05628	0.0566
0.0557	0.05598	606887.8	4201008	81419.91	0.06411	0.06726	0.09157	0.09044	0.0557	0.05598	606887.8	4201008	64964.97	0.06411	0.06726	0.09157	0.09044	0.0557	0.05598

0.0551	0.05535	606907.8	4201008	77314.91	0.06953	0.07299	0.09548	0.09413	0.0551	0.05535	606907.8	4201008	61899.53	0.06953	0.07299	0.09548	0.09413	0.0551	0.05535
0.0545	0.05471	606927.8	4201008	73489.49	0.07547	0.07938	0.09979	0.09821	0.0545	0.05471	606927.8	4201008	59047.76	0.07547	0.07938	0.09979	0.09821	0.0545	0.05471
0.05389	0.05406	606947.8	4201008	69918.83	0.08224	0.08656	0.10451	0.10267	0.05389	0.05406	606947.8	4201008	56395.91	0.08224	0.08656	0.10451	0.10267	0.05389	0.05406
0.05327	0.05341	606967.8	4201008	66581.25	0.09001	0.09483	0.10971	0.10752	0.05327	0.05341	606967.8	4201008	53929.09	0.09001	0.09483	0.10971	0.10752	0.05327	0.05341
0.05264	0.05275	606987.8	4201008	63457.4	0.09908	0.10443	0.11543	0.11282	0.05264	0.05275	606987.8	4201008	51633.38	0.09908	0.10443	0.11543	0.11282	0.05264	0.05275
0.05201	0.05209	607007.8	4201008	60530.15	0.1097	0.11571	0.12178	0.11862	0.05201	0.05209	607007.8	4201008	49495.4	0.1097	0.11571	0.12178	0.11862	0.05201	0.05209
0.05136	0.05142	607027.8	4201008	57775.27	0.12244	0.1291	0.12883	0.12497	0.05136	0.05142	607027.8	4201008	47498.53	0.12244	0.1291	0.12883	0.12497	0.05136	0.05142
0.05072	0.05076	607047.8	4201008	55196.46	0.1375	0.14491	0.1365	0.13178	0.05072	0.05076	607047.8	4201008	45637.91	0.1375	0.14491	0.1365	0.13178	0.05072	0.05076
0.05007	0.05009	607067.8	4201008	52773.49	0.15571	0.16395	0.14498	0.13918	0.05007	0.05009	607067.8	4201008	43899.1	0.15571	0.16395	0.14498	0.13918	0.05007	0.05009
0.04943	0.04942	607087.8	4201008	50494.05	0.17811	0.18724	0.15438	0.14718	0.04943	0.04942	607087.8	4201008	42271.92	0.17811	0.18724	0.15438	0.14718	0.04943	0.04942
0.04878	0.04876	607107.8	4201008	48347.76	0.20605	0.21588	0.16481	0.15585	0.04878	0.04876	607107.8	4201008	40746.81	0.20605	0.21588	0.16481	0.15585	0.04878	0.04876
0.04813	0.04809	607127.8	4201008	46325.27	0.24143	0.25171	0.17637	0.16515	0.04813	0.04809	607127.8	4201008	39315.14	0.24143	0.25171	0.17637	0.16515	0.04813	0.04809
0.04749	0.04743	607147.8	4201008	44418.03	0.28712	0.29719	0.18915	0.17502	0.04749	0.04743	607147.8	4201008	37969.55	0.28712	0.29719	0.18915	0.17502	0.04749	0.04743
0.04684	0.04677	607167.8	4201008	42618.06	0.34743	0.35588	0.2031	0.1853	0.04684	0.04677	607167.8	4201008	36702.77	0.34743	0.35588	0.2031	0.1853	0.04684	0.04677
0.0462	0.04611	607187.8	4201008	40918.11	0.42902	0.4329	0.21804	0.1957	0.0462	0.04611	607187.8	4201008	35508.51	0.42902	0.4329	0.21804	0.1957	0.0462	0.04611
0.04557	0.04546	607207.8	4201008	39316.7	0.54124	0.53497	0.2331	0.20543	0.04557	0.04546	607207.8	4201008	34383.65	0.54124	0.53497	0.2331	0.20543	0.04557	0.04546
0.06111	0.06153	606787.8	4201028	112502.1	0.04154	0.04362	0.07875	0.07845	0.06111	0.06153	606787.8	4201028	79269.6	0.04154	0.04362	0.07875	0.07845	0.06111	0.06153
0.06048	0.06087	606807.8	4201028	105782.2	0.04413	0.0464	0.08179	0.08142	0.06048	0.06087	606807.8	4201028	75564.96	0.04413	0.0464	0.08179	0.08142	0.06048	0.06087
0.05984	0.06018	606827.8	4201028	99612.01	0.04706	0.04954	0.08506	0.08462	0.05984	0.06018	606827.8	4201028	72022.38	0.04706	0.04954	0.08506	0.08462	0.05984	0.06018
0.05919	0.05948	606847.8	4201028	93973.34	0.05027	0.05298	0.08855	0.08784	0.05919	0.05948	606847.8	4201028	68671.22	0.05027	0.05298	0.08855	0.08784	0.05919	0.05948
0.05852	0.05877	606867.8	4201028	88765.51	0.05422	0.05681	0.09117	0.0906	0.05852	0.05877	606867.8	4201028	65501.61	0.05422	0.05681	0.09117	0.0906	0.05852	0.05877
0.05784	0.05806	606887.8	4201028	83970.7	0.05857	0.06157	0.09517	0.09448	0.05784	0.05806	606887.8	4201028	62523.65	0.05857	0.06157	0.09517	0.09448	0.05784	0.05806
0.05716	0.05734	606907.8	4201028	79541.91	0.06336	0.06667	0.09948	0.09862	0.05716	0.05734	606907.8	4201028	59730.7	0.06336	0.06667	0.09948	0.09862	0.05716	0.05734
0.05647	0.05661	606927.8	4201028	75433.58	0.06858	0.07235	0.10423	0.10321	0.05647	0.05661	606927.8	4201028	57111.98	0.06858	0.07235	0.10423	0.10321	0.05647	0.05661
0.05577	0.05588	606947.8	4201028	71615.17	0.0745	0.0787	0.10946	0.10824	0.05577	0.05588	606947.8	4201028	54659.5	0.0745	0.0787	0.10946	0.10824	0.05577	0.05588
0.05506	0.05515	606967.8	4201028	68060.36	0.08127	0.08601	0.11525	0.11377	0.05506	0.05515	606967.8	4201028	52363.93	0.08127	0.08601	0.11525	0.11377	0.05506	0.05515
0.05435	0.05441	606987.8	4201028	64744.75	0.08917	0.09449	0.12169	0.1199	0.05435	0.05441	606987.8	4201028	50215.07	0.08917	0.09449	0.12169	0.1199	0.05435	0.05441
0.05365	0.05368	607007.8	4201028	61654.56	0.0983	0.10438	0.12886	0.12664	0.05365	0.05368	607007.8	4201028	48205.75	0.0983	0.10438	0.12886	0.12664	0.05365	0.05368
0.05293	0.05294	607027.8	4201028	58757.28	0.10926	0.1161	0.13693	0.13417	0.05293	0.05294	607027.8	4201028	46321.26	0.10926	0.1161	0.13693	0.13417	0.05293	0.05294
0.05222	0.0522	607047.8	4201028	56047.48	0.12223	0.13001	0.14594	0.1425	0.05222	0.0522	607047.8	4201028	44556.1	0.12223	0.13001	0.14594	0.1425	0.05222	0.0522
0.0515	0.05146	607067.8	4201028	53506.88	0.13795	0.14688	0.15612	0.15178	0.0515	0.05146	607067.8	4201028	42900.17	0.13795	0.14688	0.15612	0.15178	0.0515	0.05146
0.05079	0.05073	607087.8	4201028	51127.11	0.15717	0.16748	0.16761	0.16209	0.05079	0.05073	607087.8	4201028	41347.33	0.15717	0.16748	0.16761	0.16209	0.05079	0.05073
0.05008	0.05	607107.8	4201028	48892.54	0.18119	0.19296	0.18075	0.17365	0.05008	0.05	607107.8	4201028	39888.01	0.18119	0.19296	0.18075	0.17365	0.05008	0.05
0.04937	0.04928	607127.8	4201028	46792.39	0.21169	0.22513	0.19587	0.18665	0.04937	0.04928	607127.8	4201028	38515.16	0.21169	0.22513	0.19587	0.18665	0.04937	0.04928
0.04866	0.04855	607147.8	4201028	44815.5	0.25144	0.2666	0.21345	0.20132	0.04866	0.04855	607147.8	4201028	37221.96	0.25144	0.2666	0.21345	0.20132	0.04866	0.04855
0.04796	0.04784	607167.8	4201028	42957.35	0.3042	0.32085	0.23387	0.2177	0.04796	0.04784	607167.8	4201028	36003.59	0.3042	0.32085	0.23387	0.2177	0.04796	0.04784
0.04727	0.04713	607187.8	4201028	41207.91	0.3765	0.39358	0.2577	0.2359	0.04727	0.04713	607187.8	4201028	34853.95	0.3765	0.39358	0.2577	0.2359	0.04727	0.04713
0.06589	0.0664	606727.8	4201048	144434	0.03259	0.03403	0.07215	0.07224	0.06589	0.0664	606727.8	4201048	85195.76	0.03259	0.03403	0.07215	0.07224	0.06589	0.0664
0.06521	0.06567	606747.8	4201048	134367.9	0.03428	0.03584	0.07478	0.07484	0.06521	0.06567	606747.8	4201048	81784.26	0.03428	0.03584	0.07478	0.07484	0.06521	0.06567
0.0645	0.06491	606767.8	4201048	125302.8	0.03621	0.03791	0.07763	0.07765	0.0645	0.06491	606767.8	4201048	78374.67	0.03621	0.03791	0.07763	0.07765	0.0645	0.06491
0.06378	0.06414	606787.8	4201048	117200.4	0.03825	0.0401	0.08062	0.08061	0.06378	0.06414	606787.8	4201048	75045.44	0.03825	0.0401	0.08062	0.08061	0.06378	0.06414
0.06304	0.06335	606807.8	4201048	109818.3	0.04059	0.0426	0.08386	0.08382	0.06304	0.06335	606807.8	4201048	71802.11	0.04059	0.0426	0.08386	0.08382	0.06304	0.06335
0.06229	0.06256	606827.8	4201048	103120.6	0.04314	0.04534	0.08733	0.08725	0.06229	0.06256	606827.8	4201048	68685.31	0.04314	0.04534	0.08733	0.08725	0.06229	0.06256
0.06153	0.06175	606847.8	4201048	96982.18	0.04605	0.04846	0.09104	0.09061	0.06153	0.06175	606847.8	4201048	65698.04	0.04605	0.04846	0.09104	0.09061	0.06153	0.06175
0.06076	0.06094	606867.8	4201048	91385.55	0.04972	0.05201	0.09403	0.09386	0.06076	0.06094	606867.8	4201048	62862.99	0.04972	0.05201	0.09403	0.09386	0.06076	0.06094
0.05998	0.06013	606887.8	4201048	86236.06	0.05359	0.0563	0.09835	0.09812	0.05998	0.06013	606887.8	4201048	60172.07	0.05359	0.0563	0.09835	0.09812	0.05998	0.06013
0.0592	0.05932	606907.8	4201048	81512.34	0.05766	0.06074	0.10302	0.10268	0.0592	0.05932	606907.8	4201048	57633.24	0.05766	0.06074	0.10302	0.10268	0.0592	0.05932
0.05842	0.0585	606927.8	4201048	77137.34	0.06228	0.06574	0.10815	0.10771	0.05842	0.0585	606927.8	4201048	55232.52	0.06228	0.06574	0.10815	0.10771	0.05842	0.0585
0.05763	0.05768	606947.8	4201048	73088.3	0.06745	0.0713	0.11383	0.11327	0.05763	0.05768	606947.8	4201048	52969.69	0.06745	0.0713	0.11383	0.11327	0.05763	0.05768
0.05684	0.05687	606967.8	4201048	69340.29	0.07325	0.07758	0.12009	0.11939	0.05684	0.05687	606967.8	4201048	50841.03	0.07325	0.07758	0.12009	0.11939	0.05684	0.05687
0.05605	0.05605	606987.8	4201048	65849.53	0.07999	0.08495	0.12712	0.12623	0.05605	0.05605	606987.8	4201048	48834.81	0.07999	0.08495	0.12712	0.12623	0.05605	0.05605
0.05526	0.05523	607007.8	4201048	62602.06	0.08785	0.09355	0.13503	0.13389	0.05526	0.05523	607007.8	4201048	46947.92	0.08785	0.09355	0.13503	0.13389	0.05526	0.05523
0.05447	0.05442	607027.8	4201048	59570.17	0.09716	0.10362	0.14402	0.14252	0.05447	0.05442	607027.8	4201048	45170.9	0.09716	0.10362	0.14402	0.14252	0.05447	0.05442
0.05368	0.05361	607047.8	4201048	56742.01	0.10813	0.11558	0.15418	0.15224	0.05368	0.05361	607047.8	4201048	43499.48	0.10813	0.11558	0.15418	0.15224	0.05368	0.05361
0.0529	0.05281	607067.8	4201048	54101.39	0.12127	0.12996	0.16575	0.16322	0.0529	0.05281	607067.8	4201048	41927.03	0.12127	0.12996	0.16575	0.16322	0.0529	0.05281
0.05212	0.05201	607087.8	4201048	51630.35	0.13734	0.14756	0.17907	0.17575	0.05212	0.05201	607087.8	4201048	40445.97	0.13734	0.14756	0.17907	0.17575	0.05212	0.05201
0.05134	0.05122	607107.8	4201048	49317.56	0.15725	0.16931	0.19455	0.19011	0.05134	0.05122	607107.8	4201048	39051.01	0.15725	0.16931	0.19455	0.19011	0.05134	0.05122
0.05057	0.05043	607127.8	4201048	47149.07	0.18242	0.1968	0.2128	0.2068	0.05057	0.05043	607127.8	4201048	37735.43	0.18242	0.1968	0.2128	0.2068	0.05057	0.05043
0.04981	0.04965	607147.8	4201048	45113.73	0.21508	0.23233	0.23461	0.22635	0.04981	0.04965	607147.8	4201048	36493.64	0.21508	0.23233	0.23461	0.22635	0.04981	0.04965
0.04905	0.04888	607167.8	4201048	43198.45	0.25891	0.27978	0.26126	0.24964	0.04905	0.04888	607167.8	4201048	35319.18	0.25891	0.27978	0.26126	0.24964	0.04905	0.04888
0.0483	0.04812	607187.8	4201048	41403.23	0.31862	0.34397	0.29406	0.2773	0.0483	0.04812	607187.8	4201048	34211.18	0.31862	0.34397	0.29406	0.2773	0.0483	0.04812
0.07547	0.07666	606527.8	4201068	530833.5	0.02042	0.02105	0.05361	0.0539	0.07547	0.07666	606527.8	4201068	102543.6	0.02042	0.02105	0.05361	0.0539	0.07547	0.07666
0.07501	0.0761	606547.8	4201068	429946.5	0.02117	0.02184	0.05513	0.05542	0.07501	0.0761	606547.8	4201068	100767.9	0.02117	0.02184	0.05513	0.05542	0.07501	0.0761
0.07449	0.07549	606567.8	4201068	351363.6	0.02198	0.0227	0.05675	0.05705	0.07449	0.07549	606567.8	4201068	98951.78	0.02198	0.0227	0.05675	0.05705	0.07449	0.07549
0.07391	0.07483	606587.8	4201068	300763.4	0.02281	0.02357	0.05843	0.05874	0.07391	0.07483	606587.8	4201068	97099.34	0.02281	0.02357	0.05843	0.05874	0.07391	0.07483
0.07331	0.07414	606607.8	4201068	264510.5	0.02367	0.02448	0.0602	0.06051	0.07331	0.07414	606607.8	4201068	95155.74	0.02367	0.02448	0.0602	0.06051	0.07331	0.07414
0.07266	0.07342	606627.8	4201068	236447.9	0.02456	0.02543	0.06206	0.06238	0.07266	0.07342	606627.8	4201068	93102.3	0.02456	0.02543	0.06206	0.06238	0.07266	0.07342
0.07197	0.07266	606647.8	4201068	213285	0.0256	0.02652	0.06408	0.06441	0.07197	0.07266	606647.8	4201068	90807.47	0.0256	0.02652	0.06408	0.06441	0.07197	0.07266
0.07126	0.07188	606667.8	4201068	194198.4	0.02662	0.02762	0.06618	0.0665	0.07126	0.07188	606667.8	4201068	88341.89	0.02662	0.02762	0.06618	0.0665	0.07126	0.07188
0.07052	0.07107	606687.8	4201068	177767.5	0.02778	0.02885	0.06844	0.06876	0.07052	0.07107	606687.8	4201068	85674.72	0.02778	0.02885	0.06844	0.06876	0.07052	0.07107
0.06976	0.07025	606707.8	4201068	163611.7	0.02899	0.03014	0.07081	0.07112	0.06976	0.07025	606707.8	4201068	82887.21	0.02899	0.03014	0.07081	0.07112	0.06976	0.07025
0.06896	0.0694	606727.8	4201068	151138	0.03036	0.0316	0.07337	0.07367	0.06896	0.0694	606727.8	4201068	79988.08	0.03036	0.0316	0.07337	0.07367	0.06896	0.0694
0.06815	0.06853	606747.8	4201068	140053.3	0.03191	0.03325	0.07613	0.07642	0.06815	0.06853	606747.8	4201068	77034.35	0.03191	0.03325	0.07613	0.07642	0.06815	0.06853
0.06732	0.06764	606767.8	4201068	130212.4	0.03359	0.03504	0.07907	0.07935	0.06732	0.06764	606767.8	4201068	74083.64	0.03359	0.03504	0.07907	0.07935	0.06732	0.06764
0.06647	0.06675	606787.8	4201068	121403.6	0.03542	0.03699	0.0822	0.08247	0.06647	0.06675	606787.8	4201068	71172	0.03542	0.03699	0.0822	0.08247	0.06647	0.06675
0.06561	0.06584	606807.8	4201068	113412.6	0.03752	0.03924	0.08563	0.08589	0.06561	0.06584	606807.8	4201068	68315.09	0.03752	0.03924	0.08563	0.08589	0.06561	0.06584
0.06474	0.06493	606827.8	4201068	106199	0.03981	0.04169	0.08929	0.08955	0.06474	0.06493	606827.8	4201068	65551.86	0.03981	0.04169	0.08929	0.08955	0.06474	0.06493
0.06387	0.06402	606847.8	4201068	99650.55	0.04232	0.04438	0.09324	0.09333	0.06387	0.06402	606847.8	4201068	62894.42	0.04232	0.04438	0.09324	0.09333	0.06387	0.06402
0.06299	0.0631	606867.8	4201068	93673.01	0.04569	0.04749	0.09655	0.09675	0.06299	0.0631	606867.8	4201068	60347.38	0.04569	0.04749	0.09655	0.09675	0.06299	0.0631
0.06211	0.06219	606887.8	4201068	88213.2	0.04902	0.05137	0.10107	0.10128	0.06211	0.06219	606887.8	4201068	57919.06	0.04902	0.05137	0.10107	0.10128	0.06211	0.06219
0.06123	0.06128	606907.8	4201068	83200.92	0.05266	0.05531	0.10607	0.10626	0.06123	0.06128	606907.8	4201068	55607.15	0.05266	0.05531	0.10607	0.10626	0.06123	0.06128
0.06035	0.06036	606927.8	4201068	78584.47	0.05674	0.05978	0.11152	0.11166	0.06035	0.06036	606927.8	4201068	53409.73	0.05674	0.05978	0.11152	0.11166	0.06035	0.06036
0.05947	0.05946	606947.8	4201068	74326.12	0.06122	0.06457	0.11757	0.11768	0.05947	0.05946	606947.8	4201068	51325.85	0.06122	0.06457	0.11757	0.11768	0.05947	0.05946
0.0586	0.05855	606967.8	4201068	70390.02	0.06628	0.07005	0.12431	0.12437	0.0586	0.05855	606967.8	4201068	49351.82	0.06628	0.07005	0.12431	0.12437	0.0586	0.05855
0.05772	0.05765	606987.8	4201068	66741.2	0.07207	0.07637	0.13183	0.13184	0.05772	0.05765	606987.8	4201068	47482.91	0.07207	0.07637	0.13183	0.13184	0.05772	0.05765
0.05685	0.05676	607007.8	4201068	63362.06	0.07868	0.0836	0.14027	0.1402	0.05685	0.05676	607007.8	4201068	45717.9	0.07868	0.0836	0.14027	0.1402	0.05685	0.05676
0.05599	0.05587	607027.8	4201068	60215.93	0.08646	0.09213	0.14991	0.14973	0.05599	0.05587	607027.8	4201068	44047.71	0.08646	0.09213	0.14991	0.14973	0.05599	0.05587
0.05512	0.05499	607047.8	4201068	57280.07	0.09573	0.10227	0.16101	0.16066	0.05512	0.05499	607047.8	4201068	42466.76	0.09573	0.10227	0.16101	0.16066	0.05512	0.05499
0.05426	0.05411	607067.8	4201068	54547.92	0.10669	0.11432	0.17373	0.17314	0.05426	0.05411	607067.8	4201068	40974.63	0.10669	0.11432	0.17373	0.17314	0.05426	0.05411
0.05342	0.05325	607087.8	4201068	51998.29	0.11991	0.12893	0.18848	0.18757	0.05342	0.05325	607087.8	4201068	39564.71	0.11991	0.12893	0.18848	0.18757	0.05342	0.05325
0.05257	0.05239	607107.8	4201068	49613.74	0.1363	0.14706	0.20589	0.2045	0.05257	0.05239	607107.8	4201068	38231.25	0.1363	0.14706	0.20589	0.2045	0.05257	0.05239
0.05174	0.05154	607127.8	4201068	47386.65	0.15665	0.16965	0.22655	0.22446	0.05174	0.05154	607127.8	4201068	36971.67	0.15665	0.16965	0.22655	0.22446	0.05174	0.05154
0.05092	0.05071	607147.8	4201068	45301.37	0.18269	0.19866	0.25159	0.24843	0.05092	0.05071	607147.8	4201068	35780.07	0.18269	0.19866	0.25159	0.24843	0.05092	0.05071
0.0501	0.04988	607167.8	4201068	43346.06	0.21689	0.23697	0.28266	0.27779	0.0501	0.04988	607167.8	4201068	34651.99	0.21689	0.23697	0.28266	0.27779	0.0501	0.04988
0.0493	0.04907	607187.8	4201068	41510.53	0.26331	0.28924	0.32227	0.31453	0.0493	0.04907	607187.8	4201068	33583.11	0.26331	0.28924	0.32227	0.31453	0.0493	0.04907
0.04851	0.04827	607207.8	4201068	39785.73	0.3289	0.36351	0.37448	0.36178	0.04851	0.04827	607207.8	4201068	32569.7	0.3289	0.36351	0.37448	0.36178	0.04851	0.04827
0.04773	0.04748	607227.8	4201068	38163.46	0.42656	0.47459	0.44631	0.42462	0.04773	0.04748	607227.8	4201068	31608.02	0.42656	0.47459	0.44631	0.42462	0.04773	0.04748
0.04695	0.0467	607247.8	4201068	36636.01	0.58325	0.65243	0.55114	0.51185	0.04695	0.0467	607247.8	4201068	30694.62	0.58325	0.65243	0.55114	0.51185	0.04695	0.0467
0.0462	0.04594	607267.8	4201068	35196.5	0.86426	0.96507	0.7168	0.63975	0.0462	0.04594	607267.8	4201068	29826.1	0.86426	0.96507	0.7168	0.63975	0.0462	0.04594
0.04545	0.04518	607287.8	4201068	33838.59	1.45809	1.58626	1.00645	0.83985	0.04545	0.04518	607287.8	4201068	28999.67	1.45809	1.58626	1.00645	0.83985	0.04545	0.04518
0.04471	0.04444	607307.8	4201068	32556.53	3.00598	2.96884	1.53752	1.15462	0.04471	0.04444	607307.8	4201068	28212.75	3.00598	2.96884	1.53752	1.15462	0.04471	0.04444
0.08031	0.08142	606527.8	4201088	572039.7	0.01928	0.01983	0.05404	0.05441	0.08031	0.08142	606527.8	4201088	95485.7	0.01928	0.01983	0.05404	0.05441	0.08031	0.08142
0.07965	0.08065	606547.8	4201088	464393.6	0.01998	0.02056	0.0556	0.05598	0.07965	0.08065	606547.8	4201088	93850.01	0.01998	0.02056	0.0556	0.05598	0.07965	0.08065
0.07893	0.07985	606567.8	4201088	379268.7	0.02069	0.02131	0.05723	0.05762	0.07893	0.07985	606567.8	4201088	92199.39	0.02069	0.02131	0.05723	0.05762	0.07893	0.07985
0.07817	0.079	606587.8	4201088	323029.1	0.02146	0.02212	0.05896	0.05938	0.07817	0.079	606587.8	4201088	90487.2	0.02146	0.02212	0.05896	0.05938	0.07817	0.079
0.07738	0.07813	606607.8	4201088	282624.2	0.02224	0.02293	0.06076	0.06119	0.07738	0.07813	606607.8	4201088	88717.48	0.02224	0.02293	0.06076	0.06119	0.07738	0.07813
0.07656	0.07722	606627.8	4201088	251010.9	0.0231	0.02384	0.0627	0.06315	0.07656	0.07722	606627.8	4201088	86849.56	0.0231	0.02384	0.0627	0.06315	0.07656	0.07722
0.0757	0.07629	606647.8	4201088	225536.9	0.024	0.02479	0.06475	0.06521	0.0757	0.07629	606647.8	4201088	84832.95	0.024	0.02479	0.06475	0.06521	0.0757	0.07629
0.07483	0.07535	606667.8	4201088	204267.3	0.02498	0.02582	0.06693	0.0674	0.07483	0.07535	606667.8	4201088	82651.74	0.02498	0.02582	0.06693	0.0674	0.07483	0.07535
0.07393	0.07439	606687.8	4201088	186167.1	0.02605	0.02696	0.06928	0.06976	0.07393	0.07439	606687.8	4201088	80316.69	0.02605	0.02696	0.06928	0.06976	0.07393	0.07439
0.073	0.0734	606707.8	4201088	170607.7	0.02721	0.02818	0.07176	0.07225	0.073	0.0734	606707.8	4201088	77877.44	0.02721	0.02818	0.07176	0.07225	0.073	0.0734
0.07207	0.07241	606727.8	4201088	157075.1	0.02844	0.02949	0.0744	0.07489	0.07207	0.07241	606727.8	4201088	75353.05	0.02844	0.02949	0.0744	0.07489	0.07207	0.07241
0.0711	0.07139	606747.8	4201088	145078.4	0.02987	0.03099	0.07727	0.07777	0.0711	0.07139	606747.8	4201088	72770.53	0.02987	0.03099	0.07727	0.07777	0.0711	0.07139
0.07013	0.07037	606767.8	4201088	134481.7	0.03139	0.03261	0.08032	0.08082	0.07013	0.07037	606767.8	4201088	70182.25	0.03139	0.03261	0.08032	0.08082	0.07013	0.07037
0.06916	0.06935	606787.8	4201088	125025.8	0.03305	0.03437	0.08358	0.0841	0.06916	0.06935	606787.8	4201088	67613.9	0.03305	0.03437	0.08358	0.0841	0.06916	0.06935
0.06817	0.06832	606807.8	4201088	116522.8	0.0349	0.03634	0.08711	0.08764	0.06817	0.06832	606807.8	4201088	65088.9	0.0349	0.03634	0.08711	0.08764	0.06817	0.06832
0.06718	0.06729	606827.8	4201088	108852.5	0.03694	0.0385	0.09092	0.09148	0.06718	0.06729	606827.8	4201088	62628.95	0.03694	0.0385	0.09092	0.09148	0.06718	0.06729
0.0662	0.06626	606847.8	4201088	101920.1	0.03915	0.04085	0.09502	0.09558	0.0662	0.06626	606847.8	4201088	60251.82	0.03915	0.04085	0.09502	0.09558	0.0662	0.06626

0.06521	0.06523	606867.8	4201088	95598.33	0.04216	0.04359	0.09895	0.09926	0.06521	0.06523	606867.8	4201088	57957.38	0.04216	0.04359	0.09895	0.09926	0.06521	0.06523
0.06422	0.06422	606887.8	4201088	89851.58	0.04513	0.0471	0.10343	0.10403	0.06422	0.06422	606887.8	4201088	55760.11	0.04513	0.0471	0.10343	0.10403	0.06422	0.06422
0.06324	0.0632	606907.8	4201088	84590.29	0.04833	0.05051	0.10863	0.1093	0.06324	0.0632	606907.8	4201088	53655.93	0.04833	0.05051	0.10863	0.1093	0.06324	0.0632
0.06226	0.06219	606927.8	4201088	79756.03	0.05199	0.05446	0.11438	0.11506	0.06226	0.06219	606927.8	4201088	51644.21	0.05199	0.05446	0.11438	0.11506	0.06226	0.06219
0.06129	0.06119	606947.8	4201088	75310.21	0.05592	0.05873	0.12077	0.12149	0.06129	0.06119	606947.8	4201088	49726.26	0.05592	0.05873	0.12077	0.12149	0.06129	0.06119
0.06032	0.0602	606967.8	4201088	71210.08	0.06034	0.06349	0.12785	0.12863	0.06032	0.0602	606967.8	4201088	47899.07	0.06034	0.06349	0.12785	0.12863	0.06032	0.0602
0.05935	0.05922	606987.8	4201088	67422.65	0.06534	0.06891	0.13579	0.13663	0.05935	0.05922	606987.8	4201088	46160.9	0.06534	0.06891	0.13579	0.13663	0.05935	0.05922
0.0584	0.05824	607007.8	4201088	63918.73	0.07109	0.07513	0.14473	0.14565	0.0584	0.05824	607007.8	4201088	44509.81	0.07109	0.07513	0.14473	0.14565	0.0584	0.05824
0.05746	0.05728	607027.8	4201088	60671.59	0.07769	0.08233	0.1549	0.15591	0.05746	0.05728	607027.8	4201088	42942.26	0.07769	0.08233	0.1549	0.15591	0.05746	0.05728
0.05652	0.05632	607047.8	4201088	57652.71	0.08548	0.09076	0.16663	0.16773	0.05652	0.05632	607047.8	4201088	41453.49	0.08548	0.09076	0.16663	0.16773	0.05652	0.05632
0.05559	0.05538	607067.8	4201088	54847.56	0.09459	0.10071	0.18014	0.18136	0.05559	0.05538	607067.8	4201088	40041.99	0.09459	0.10071	0.18014	0.18136	0.05559	0.05538
0.05467	0.05444	607087.8	4201088	52226.47	0.10569	0.11287	0.19606	0.19743	0.05467	0.05444	607087.8	4201088	38700.07	0.10569	0.11287	0.19606	0.19743	0.05467	0.05444
0.05376	0.05352	607107.8	4201088	49789.02	0.11905	0.12758	0.21472	0.21625	0.05376	0.05352	607107.8	4201088	37429.83	0.11905	0.12758	0.21472	0.21625	0.05376	0.05352
0.05287	0.05262	607127.8	4201088	47510.5	0.1357	0.14591	0.23717	0.23891	0.05287	0.05262	607127.8	4201088	36224.08	0.1357	0.14591	0.23717	0.23891	0.05287	0.05262
0.05198	0.05172	607147.8	4201088	45385.15	0.15643	0.1689	0.26433	0.26635	0.05198	0.05172	607147.8	4201088	35082.04	0.15643	0.1689	0.26433	0.26635	0.05198	0.05172
0.05111	0.05085	607167.8	4201088	43395.78	0.18307	0.19873	0.29823	0.30052	0.05111	0.05085	607167.8	4201088	33998.26	0.18307	0.19873	0.29823	0.30052	0.05111	0.05085
0.05026	0.04998	607187.8	4201088	41531.32	0.21821	0.23855	0.34172	0.34424	0.05026	0.04998	607187.8	4201088	32969.42	0.21821	0.23855	0.34172	0.34424	0.05026	0.04998
0.04941	0.04913	607207.8	4201088	39782.04	0.2661	0.2937	0.39951	0.40207	0.04941	0.04913	607207.8	4201088	31991.93	0.2661	0.2937	0.39951	0.40207	0.04941	0.04913
0.04858	0.04829	607227.8	4201088	38139.06	0.33423	0.3738	0.47986	0.48202	0.04858	0.04829	607227.8	4201088	31062.96	0.33423	0.3738	0.47986	0.48202	0.04858	0.04829
0.04777	0.04747	607247.8	4201088	36594.31	0.43751	0.4984	0.59894	0.59935	0.04777	0.04747	607247.8	4201088	30179.21	0.43751	0.4984	0.59894	0.59935	0.04777	0.04747
0.04696	0.04666	607267.8	4201088	35140.39	0.61001	0.7135	0.79269	0.78713	0.04696	0.04666	607267.8	4201088	29338.05	0.61001	0.7135	0.79269	0.78713	0.04696	0.04666
0.04617	0.04587	607287.8	4201088	33770.55	0.94341	1.15085	1.15797	1.12953	0.04617	0.04587	607287.8	4201088	28536.69	0.94341	1.15085	1.15797	1.12953	0.04617	0.04587
0.0454	0.04509	607307.8	4201088	32478.69	1.71503	2.29712	2.03513	1.88382	0.0454	0.04509	607307.8	4201088	27772.88	1.71503	2.29712	2.03513	1.88382	0.0454	0.04509
0.08529	0.0863	606527.8	4201108	600591.3	0.01831	0.01878	0.05442	0.05485	0.08529	0.0863	606527.8	4201108	89259.26	0.01831	0.01878	0.05442	0.05485	0.08529	0.0863
0.08441	0.08531	606547.8	4201108	490195.3	0.01892	0.01942	0.05597	0.05642	0.08441	0.08531	606547.8	4201108	87771.57	0.01892	0.01942	0.05597	0.05642	0.08441	0.08531
0.08349	0.0843	606567.8	4201108	401109.5	0.01959	0.02012	0.05763	0.05811	0.08349	0.0843	606567.8	4201108	86246.87	0.01959	0.02012	0.05763	0.05811	0.08349	0.0843
0.08254	0.08325	606587.8	4201108	341491.9	0.02029	0.02085	0.05938	0.05988	0.08254	0.08325	606587.8	4201108	84681.84	0.02029	0.02085	0.05938	0.05988	0.08254	0.08325
0.08154	0.08218	606607.8	4201108	297562.2	0.02105	0.02164	0.06126	0.06179	0.08154	0.08218	606607.8	4201108	83072.01	0.02105	0.02164	0.06126	0.06179	0.08154	0.08218
0.08052	0.08108	606627.8	4201108	263406.2	0.02185	0.02248	0.06324	0.0638	0.08052	0.08108	606627.8	4201108	81358.98	0.02185	0.02248	0.06324	0.0638	0.08052	0.08108
0.07948	0.07997	606647.8	4201108	235901.3	0.02267	0.02334	0.06533	0.06591	0.07948	0.07997	606647.8	4201108	79558.58	0.02267	0.02334	0.06533	0.06591	0.07948	0.07997
0.07842	0.07884	606667.8	4201108	212913	0.02358	0.0243	0.06757	0.06817	0.07842	0.07884	606667.8	4201108	77624.58	0.02358	0.0243	0.06757	0.06817	0.07842	0.07884
0.07734	0.0777	606687.8	4201108	193454.7	0.02456	0.02532	0.06997	0.07059	0.07734	0.0777	606687.8	4201108	75571.81	0.02456	0.02532	0.06997	0.07059	0.07734	0.0777
0.07627	0.07657	606707.8	4201108	176683.6	0.02565	0.02647	0.07255	0.07319	0.07627	0.07657	606707.8	4201108	73419.25	0.02565	0.02647	0.07255	0.07319	0.07627	0.07657
0.07517	0.07541	606727.8	4201108	162185.2	0.0268	0.02767	0.07527	0.07593	0.07517	0.07541	606727.8	4201108	71197.38	0.0268	0.02767	0.07527	0.07593	0.07517	0.07541
0.07406	0.07425	606747.8	4201108	149429.7	0.02807	0.02901	0.0782	0.07887	0.07406	0.07425	606747.8	4201108	68928.45	0.02807	0.02901	0.0782	0.07887	0.07406	0.07425
0.07295	0.07309	606767.8	4201108	138111.3	0.0295	0.03052	0.08137	0.08207	0.07295	0.07309	606767.8	4201108	66633.59	0.0295	0.03052	0.08137	0.08207	0.07295	0.07309
0.07183	0.07193	606787.8	4201108	128097.2	0.03101	0.0321	0.08472	0.08545	0.07183	0.07193	606787.8	4201108	64355.72	0.03101	0.0321	0.08472	0.08545	0.07183	0.07193
0.07072	0.07077	606807.8	4201108	119124.4	0.03267	0.03385	0.08834	0.08911	0.07072	0.07077	606807.8	4201108	62107.14	0.03267	0.03385	0.08834	0.08911	0.07072	0.07077
0.0696	0.06962	606827.8	4201108	111042.4	0.03451	0.03578	0.09227	0.09309	0.0696	0.06962	606827.8	4201108	59904.31	0.03451	0.03578	0.09227	0.09309	0.0696	0.06962
0.06849	0.06847	606847.8	4201108	103751.1	0.03651	0.0379	0.09652	0.09737	0.06849	0.06847	606847.8	4201108	57764.09	0.03651	0.0379	0.09652	0.09737	0.06849	0.06847
0.06739	0.06734	606867.8	4201108	97151.35	0.03874	0.04025	0.10083	0.10156	0.06739	0.06734	606867.8	4201108	55695.37	0.03874	0.04025	0.10083	0.10156	0.06739	0.06734
0.0663	0.06621	606887.8	4201108	91144.79	0.04175	0.04326	0.10538	0.10636	0.0663	0.06621	606887.8	4201108	53700.23	0.04175	0.04326	0.10538	0.10636	0.0663	0.06621
0.06521	0.06509	606907.8	4201108	85650.39	0.04477	0.04653	0.11081	0.11188	0.06521	0.06509	606907.8	4201108	51778.46	0.04477	0.04653	0.11081	0.11188	0.06521	0.06509
0.06412	0.06398	606927.8	4201108	80624.42	0.04807	0.05006	0.11682	0.11797	0.06412	0.06398	606927.8	4201108	49934.62	0.04807	0.05006	0.11682	0.11797	0.06412	0.06398
0.06305	0.06289	606947.8	4201108	76020.06	0.05156	0.05382	0.12348	0.12474	0.06305	0.06289	606947.8	4201108	48169.8	0.05156	0.05382	0.12348	0.12474	0.06305	0.06289
0.06199	0.06181	606967.8	4201108	71787.5	0.05544	0.05796	0.13086	0.13225	0.06199	0.06181	606967.8	4201108	46481.58	0.05544	0.05796	0.13086	0.13225	0.06199	0.06181
0.06095	0.06074	606987.8	4201108	67888.39	0.05982	0.06261	0.13909	0.14067	0.06095	0.06074	606987.8	4201108	44868.84	0.05982	0.06261	0.13909	0.14067	0.06095	0.06074
0.05991	0.05968	607007.8	4201108	64283.71	0.06482	0.06798	0.14843	0.15018	0.05991	0.05968	607007.8	4201108	43328.02	0.06482	0.06798	0.14843	0.15018	0.05991	0.05968
0.05888	0.05864	607027.8	4201108	60949.97	0.07057	0.07417	0.15901	0.16102	0.05888	0.05864	607027.8	4201108	41858.72	0.07057	0.07417	0.15901	0.16102	0.05888	0.05864
0.05787	0.05761	607047.8	4201108	57858.69	0.07729	0.08132	0.17126	0.17358	0.05787	0.05761	607047.8	4201108	40457.47	0.07729	0.08132	0.17126	0.17358	0.05787	0.05761
0.05687	0.0566	607067.8	4201108	54986.93	0.08518	0.08978	0.18551	0.18822	0.05687	0.0566	607067.8	4201108	39121.99	0.08518	0.08978	0.18551	0.18822	0.05687	0.0566
0.05588	0.0556	607087.8	4201108	52320.92	0.09451	0.09981	0.2021	0.20533	0.05588	0.0556	607087.8	4201108	37851.71	0.09451	0.09981	0.2021	0.20533	0.05588	0.0556
0.05491	0.05461	607107.8	4201108	49838.28	0.10581	0.11197	0.22176	0.22567	0.05491	0.05461	607107.8	4201108	36642.31	0.10581	0.11197	0.22176	0.22567	0.05491	0.05461
0.05395	0.05365	607127.8	4201108	47526	0.11959	0.1268	0.2453	0.25016	0.05395	0.05365	607127.8	4201108	35492.47	0.11959	0.1268	0.2453	0.25016	0.05395	0.05365
0.05301	0.05269	607147.8	4201108	45366.71	0.13673	0.14534	0.27407	0.28027	0.05301	0.05269	607147.8	4201108	34397.96	0.13673	0.14534	0.27407	0.28027	0.05301	0.05269
0.05208	0.05176	607167.8	4201108	43352.62	0.15807	0.16866	0.30976	0.31786	0.05208	0.05176	607167.8	4201108	33358.09	0.15807	0.16866	0.30976	0.31786	0.05208	0.05176
0.05117	0.05085	607187.8	4201108	41467.83	0.18544	0.1989	0.35552	0.3664	0.05117	0.05085	607187.8	4201108	32368.81	0.18544	0.1989	0.35552	0.3664	0.05117	0.05085
0.05028	0.04995	607207.8	4201108	39701.83	0.2214	0.23923	0.41617	0.43133	0.05028	0.04995	607207.8	4201108	31426.93	0.2214	0.23923	0.41617	0.43133	0.05028	0.04995
0.0494	0.04907	607227.8	4201108	38045.22	0.27029	0.29506	0.50008	0.52233	0.0494	0.04907	607227.8	4201108	30530	0.27029	0.29506	0.50008	0.52233	0.0494	0.04907
0.04854	0.0482	607247.8	4201108	36489.42	0.34025	0.37668	0.62316	0.65811	0.04854	0.0482	607247.8	4201108	29675.45	0.34025	0.37668	0.62316	0.65811	0.04854	0.0482
0.04769	0.04735	607267.8	4201108	35026.78	0.44835	0.50629	0.81929	0.88012	0.04769	0.04735	607267.8	4201108	28860.92	0.44835	0.50629	0.81929	0.88012	0.04769	0.04735
0.04686	0.04652	607287.8	4201108	33650.18	0.63381	0.73976	1.17287	1.29618	0.04686	0.04652	607287.8	4201108	28084.09	0.63381	0.73976	1.17287	1.29618	0.04686	0.04652
0.04605	0.0457	607307.8	4201108	32353.29	0.97654	1.23148	1.93063	2.23698	0.04605	0.0457	607307.8	4201108	27342.53	0.97654	1.23148	1.93063	2.23698	0.04605	0.0457
0.09041	0.09129	606527.8	4201128	622402.7	0.01744	0.01784	0.05469	0.05518	0.09041	0.09129	606527.8	4201128	83759.89	0.01744	0.01784	0.05469	0.05518	0.09041	0.09129
0.08929	0.09005	606547.8	4201128	509289.1	0.01803	0.01846	0.05629	0.05681	0.08929	0.09005	606547.8	4201128	82374.63	0.01803	0.01846	0.05629	0.05681	0.08929	0.09005
0.08812	0.08881	606567.8	4201128	417941.1	0.01865	0.01911	0.05798	0.05852	0.08812	0.08881	606567.8	4201128	80968.4	0.01865	0.01911	0.05798	0.05852	0.08812	0.08881
0.08695	0.08754	606587.8	4201128	356124.8	0.01929	0.01977	0.05974	0.06032	0.08695	0.08754	606587.8	4201128	79531.24	0.01929	0.01977	0.05974	0.06032	0.08695	0.08754
0.08574	0.08626	606607.8	4201128	310025.4	0.02	0.0205	0.06165	0.06225	0.08574	0.08626	606607.8	4201128	78058.22	0.02	0.0205	0.06165	0.06225	0.08574	0.08626
0.08453	0.08495	606627.8	4201128	273861.3	0.02075	0.02128	0.06367	0.06431	0.08453	0.08495	606627.8	4201128	76501.63	0.02075	0.02128	0.06367	0.06431	0.08453	0.08495
0.08329	0.08365	606647.8	4201128	244695.6	0.02151	0.02208	0.06579	0.06646	0.08329	0.08365	606647.8	4201128	74881.89	0.02151	0.02208	0.06579	0.06646	0.08329	0.08365
0.08204	0.08234	606667.8	4201128	220246.7	0.02237	0.02297	0.06809	0.0688	0.08204	0.08234	606667.8	4201128	73152.85	0.02237	0.02297	0.06809	0.0688	0.08204	0.08234
0.08078	0.08102	606687.8	4201128	199508.3	0.02331	0.02396	0.07058	0.07132	0.08078	0.08102	606687.8	4201128	71325.83	0.02331	0.02396	0.07058	0.07132	0.08078	0.08102
0.07953	0.07972	606707.8	4201128	181754.2	0.02433	0.02501	0.07323	0.07399	0.07953	0.07972	606707.8	4201128	69415.37	0.02433	0.02501	0.07323	0.07399	0.07953	0.07972
0.07827	0.0784	606727.8	4201128	166421	0.0254	0.02613	0.07602	0.07681	0.07827	0.0784	606727.8	4201128	67445.67	0.0254	0.02613	0.07602	0.07681	0.07827	0.0784
0.077	0.07708	606747.8	4201128	152957.7	0.02659	0.02737	0.07903	0.07985	0.077	0.07708	606747.8	4201128	65432.4	0.02659	0.02737	0.07903	0.07985	0.077	0.07708
0.07574	0.07577	606767.8	4201128	141063.5	0.0279	0.02874	0.08227	0.08312	0.07574	0.07577	606767.8	4201128	63391.99	0.0279	0.02874	0.08227	0.08312	0.07574	0.07577
0.07448	0.07447	606787.8	4201128	130560.6	0.02927	0.03017	0.08569	0.08659	0.07448	0.07447	606787.8	4201128	61359.75	0.02927	0.03017	0.08569	0.08659	0.07448	0.07447
0.07323	0.07319	606807.8	4201128	121188.8	0.03076	0.03173	0.08937	0.09032	0.07323	0.07319	606807.8	4201128	59347.87	0.03076	0.03173	0.08937	0.09032	0.07323	0.07319
0.07199	0.07191	606827.8	4201128	112759.2	0.03242	0.03346	0.09337	0.0944	0.07199	0.07191	606827.8	4201128	57367.46	0.03242	0.03346	0.09337	0.0944	0.07199	0.07191
0.07075	0.07064	606847.8	4201128	105141.9	0.03429	0.03541	0.09777	0.09889	0.07075	0.07064	606847.8	4201128	55429.34	0.03429	0.03541	0.09777	0.09889	0.07075	0.07064
0.06953	0.06939	606867.8	4201128	98282.36	0.03627	0.03754	0.10227	0.10317	0.06953	0.06939	606867.8	4201128	53552.39	0.03627	0.03754	0.10227	0.10317	0.06953	0.06939
0.06832	0.06815	606887.8	4201128	92047.56	0.03913	0.04034	0.10709	0.10837	0.06832	0.06815	606887.8	4201128	51733.3	0.03913	0.04034	0.10709	0.10837	0.06832	0.06815
0.06713	0.06693	606907.8	4201128	86385.37	0.04175	0.04314	0.11266	0.11407	0.06713	0.06693	606907.8	4201128	49980.7	0.04175	0.04314	0.11266	0.11407	0.06713	0.06693
0.06595	0.06572	606927.8	4201128	81205.26	0.04471	0.04627	0.11886	0.12043	0.06595	0.06572	606927.8	4201128	48289.38	0.04471	0.04627	0.11886	0.12043	0.06595	0.06572
0.06478	0.06453	606947.8	4201128	76464.84	0.04794	0.04975	0.12573	0.12743	0.06478	0.06453	606947.8	4201128	46662.95	0.04794	0.04975	0.12573	0.12743	0.06478	0.06453
0.06362	0.06336	606967.8	4201128	72116.59	0.05147	0.05343	0.1334	0.1353	0.06362	0.06336	606967.8	4201128	45101.01	0.05147	0.05343	0.1334	0.1353	0.06362	0.06336
0.06249	0.0622	606987.8	4201128	68118.15	0.05542	0.05757	0.14198	0.14415	0.06249	0.0622	606987.8	4201128	43602.24	0.05542	0.05757	0.14198	0.14415	0.06249	0.0622
0.06136	0.06106	607007.8	4201128	64436.23	0.05987	0.06229	0.15164	0.15408	0.06136	0.06106	607007.8	4201128	42166.39	0.05987	0.06229	0.15164	0.15408	0.06136	0.06106
0.06026	0.05995	607027.8	4201128	61039.34	0.06497	0.06767	0.16258	0.16536	0.06026	0.05995	607027.8	4201128	40791.93	0.06497	0.06767	0.16258	0.16536	0.06026	0.05995
0.05917	0.05884	607047.8	4201128	57892.82	0.07093	0.0739	0.17527	0.17851	0.05917	0.05884	607047.8	4201128	39475.3	0.07093	0.0739	0.17527	0.17851	0.05917	0.05884
0.05809	0.05776	607067.8	4201128	54978.86	0.07787	0.08118	0.18999	0.19382	0.05809	0.05776	607067.8	4201128	38216.73	0.07787	0.08118	0.18999	0.19382	0.05809	0.05776
0.05704	0.05669	607087.8	4201128	52271.61	0.08614	0.08986	0.20731	0.21191	0.05704	0.05669	607087.8	4201128	37013.13	0.08614	0.08986	0.20731	0.21191	0.05704	0.05669
0.056	0.05565	607107.8	4201128	49764.15	0.09588	0.10011	0.22764	0.23324	0.056	0.05565	607107.8	4201128	35866.64	0.09588	0.10011	0.22764	0.23324	0.056	0.05565
0.05498	0.05462	607127.8	4201128	47427.04	0.10777	0.11259	0.25215	0.25917	0.05498	0.05462	607127.8	4201128	34771.08	0.10777	0.11259	0.25215	0.25917	0.05498	0.05462
0.05398	0.05362	607147.8	4201128	45249.12	0.12229	0.12793	0.28205	0.29109	0.05398	0.05362	607147.8	4201128	33725.73	0.12229	0.12793	0.28205	0.29109	0.05398	0.05362
0.053	0.05263	607167.8	4201128	43219.67	0.14003	0.14686	0.31917	0.33111	0.053	0.05263	607167.8	4201128	32729.82	0.14003	0.14686	0.31917	0.33111	0.053	0.05263
0.05204	0.05167	607187.8	4201128	41322.99	0.16221	0.17079	0.36673	0.383	0.05204	0.05167	607187.8	4201128	31779.71	0.16221	0.17079	0.36673	0.383	0.05204	0.05167
0.0511	0.05072	607207.8	4201128	39547.98	0.19045	0.20172	0.42971	0.45279	0.0511	0.05072	607207.8	4201128	30873.1	0.19045	0.20172	0.42971	0.45279	0.0511	0.05072
0.05017	0.04979	607227.8	4201128	37884.71	0.22744	0.24295	0.51667	0.55117	0.05017	0.04979	607227.8	4201128	30008.1	0.22744	0.24295	0.51667	0.55117	0.05017	0.04979
0.04926	0.04888	607247.8	4201128	36324.24	0.278	0.30054	0.64378	0.69901	0.04926	0.04888	607247.8	4201128	29182.6	0.278	0.30054	0.64378	0.69901	0.04926	0.04888
0.04838	0.048	607267.8	4201128	34858.56	0.35113	0.38671	0.84488	0.94262	0.04838	0.048	607267.8	4201128	28394.43	0.35113	0.38671	0.84488	0.94262	0.04838	0.048
0.04751	0.04713	607287.8	4201128	33480.28	0.46313	0.52774	1.20172	1.40259	0.04751	0.04713	607287.8	4201128	27641.45	0.46313	0.52774	1.20172	1.40259	0.04751	0.04713
0.04665	0.04627	607307.8	4201128	32182.45	0.63308	0.7709	1.93945	2.44029	0.04665	0.04627	607307.8	4201128	26921.59	0.63308	0.7709	1.93945	2.44029	0.04665	0.04627
0.09561	0.09635	606527.8	4201148	638144.5	0.01669	0.01704	0.05494	0.05548	0.09561	0.09635	606527.8	4201148	78848.92	0.01669	0.01704	0.05494	0.05548	0.09561	0.09635
0.09423	0.09487	606547.8	4201148	523768.3	0.01724	0.01761	0.05655	0.05712	0.09423	0.09487	606547.8	4201148	77559.5	0.01724	0.01761	0.05655	0.05712	0.09423	0.09487
0.09283	0.09336	606567.8	4201148	431075.2	0.01782	0.01821	0.05825	0.05885	0.09283	0.09336	606567.8	4201148	76269.62	0.01782	0.01821	0.05825	0.05885	0.09283	0.09336
0.09141	0.09185	606587.8	4201148	367452.1	0.01844	0.01885	0.06005	0.06069	0.09141	0.09185	606587.8	4201148	74937.29	0.01844	0.01885	0.06005	0.06069	0.09141	0.09185
0.08998	0.09035	606607.8	4201148	319840.7	0.01909	0.01953	0.06198	0.06265	0.08998	0.09035	606607.8	4201148	73583.27	0.01909	0.01953	0.06198	0.06265	0.08998	0.09035
0.08855	0.08884	606627.8	4201148	282540	0.01976	0.02022	0.06398	0.06469	0.08855	0.08884	606627.8	4201148	72172.81	0.01976	0.02022	0.06398	0.06469	0.08855	0.08884
0.08711	0.08733	606647.8	4201148	251757.9	0.02053	0.02101	0.06619	0.06694	0.08711	0.08733	606647.8	4201148	70694.73	0.02053	0.02101	0.06619	0.06694	0.08711	0.08733
0.08566	0.08583	606667.8	4201148	226152.2	0.02134	0.02185	0.06854	0.06934	0.08566	0.08583	606667.8	4201148	69138.7	0.02134	0.02185	0.06854	0.06934	0.08566	0.08583
0.08421	0.08432	606687.8	4201148	204448.5	0.02222	0.02277	0.07108	0.07191	0.08421	0.08432	606687.8	4201148	67504.99	0.02222	0.02277	0.07108	0.07191	0.08421	0.08432
0.08278	0.08284	606707.8	4201148	185861.7	0.02317	0.02375	0.07378	0.07465	0.08278	0.08284	606707.8	4201148	65800.47	0.02317	0.02375	0.07378	0.07465	0.08278	0.08284
0.08134	0.08135	606727.8	4201148	169729.4	0.02422	0.02483	0.07668	0.07758	0.08134	0.08135	606727.8	4201148	64039.73	0.02422	0.02483	0.07668	0.07758	0.08134	0.08135
0.07991	0.07987	606747.8	4201148	155702.8	0.02531	0.02597	0.07973	0.08068	0.07991	0.07987	606747.8	4201148	62242.73	0.02531	0.02597	0.07973	0.08068	0.07991	0.07987
0.0785	0.07842	606767.8	4201148	143395	0.02646	0.02716	0.08296	0.08395	0.0785	0.07842	606767.8	4201148	60429.19	0.02646	0.02716	0.08296	0.08395	0.0785	0.07842
0.07709	0.07698	606787.8	4201148	132426.8	0.02776	0.02851	0.08647	0.08752	0.07709	0.07698	606787.8	4201148	58601.38	0.02776	0.02851	0.08647	0.08752	0.07709	0.07698
0.07571	0.07555	606807.8	4201148	122681.2	0.02915	0.02995	0.09023	0.09134	0.07571	0.07555	606807.8	4201148	56787.76	0.02915	0.02995	0.09023	0.09134	0.07571	0.07555

0.07433	0.07414	606827.8	4201148	113944	0.03069	0.03154	0.09432	0.09552	0.07433	0.07414	606827.8	4201148	54996.69	0.03069	0.03154	0.09432	0.09552	0.07433	0.07414
0.07297	0.07275	606847.8	4201148	106091.3	0.03238	0.03329	0.09877	0.10008	0.07297	0.07275	606847.8	4201148	53241.62	0.03238	0.03329	0.09877	0.10008	0.07297	0.07275
0.07162	0.07138	606867.8	4201148	98994.86	0.03427	0.03529	0.10338	0.10452	0.07162	0.07138	606867.8	4201148	51528	0.03427	0.03529	0.10338	0.10452	0.07162	0.07138
0.0703	0.07003	606887.8	4201148	92593.91	0.03678	0.03744	0.10856	0.11005	0.0703	0.07003	606887.8	4201148	49868.73	0.03678	0.03744	0.10856	0.11005	0.0703	0.07003
0.069	0.06871	606907.8	4201148	86770.37	0.03935	0.04043	0.11423	0.11592	0.069	0.06871	606907.8	4201148	48259.43	0.03935	0.04043	0.11423	0.11592	0.069	0.06871
0.06771	0.0674	606927.8	4201148	81467.48	0.04206	0.04329	0.1206	0.12248	0.06771	0.0674	606927.8	4201148	46704.38	0.04206	0.04329	0.1206	0.12248	0.06771	0.0674
0.06644	0.06611	606947.8	4201148	76622.84	0.04503	0.04645	0.12768	0.12974	0.06644	0.06611	606947.8	4201148	45203.46	0.04503	0.04645	0.12768	0.12974	0.06644	0.06611
0.06519	0.06485	606967.8	4201148	72186.25	0.04829	0.0498	0.13563	0.13794	0.06519	0.06485	606967.8	4201148	43756.58	0.04829	0.0498	0.13563	0.13794	0.06519	0.06485
0.06396	0.06361	606987.8	4201148	68116.93	0.05189	0.05357	0.14453	0.14713	0.06396	0.06361	606987.8	4201148	42364.21	0.05189	0.05357	0.14453	0.14713	0.06396	0.06361
0.06276	0.06239	607007.8	4201148	64380.96	0.05596	0.05778	0.15449	0.15744	0.06276	0.06239	607007.8	4201148	41026.79	0.05596	0.05778	0.15449	0.15744	0.06276	0.06239
0.06157	0.06119	607027.8	4201148	60942.44	0.06056	0.06256	0.16573	0.16912	0.06157	0.06119	607027.8	4201148	39742.85	0.06056	0.06256	0.16573	0.16912	0.06157	0.06119
0.06041	0.06002	607047.8	4201148	57762.86	0.06595	0.06809	0.17877	0.1827	0.06041	0.06002	607047.8	4201148	38508.41	0.06595	0.06809	0.17877	0.1827	0.06041	0.06002
0.05927	0.05887	607067.8	4201148	54823.79	0.07219	0.07452	0.19388	0.19851	0.05927	0.05887	607067.8	4201148	37324.57	0.07219	0.07452	0.19388	0.19851	0.05927	0.05887
0.05814	0.05774	607087.8	4201148	52096.69	0.07961	0.08217	0.2117	0.21725	0.05814	0.05774	607087.8	4201148	36188.12	0.07961	0.08217	0.2117	0.21725	0.05814	0.05774
0.05704	0.05663	607107.8	4201148	49569.67	0.08838	0.09123	0.23278	0.23952	0.05704	0.05663	607107.8	4201148	35100.63	0.08838	0.09123	0.23278	0.23952	0.05704	0.05663
0.05596	0.05555	607127.8	4201148	47219.76	0.0989	0.10211	0.25819	0.2666	0.05596	0.05555	607127.8	4201148	34058.79	0.0989	0.10211	0.25819	0.2666	0.05596	0.05555
0.05491	0.05449	607147.8	4201148	45036.45	0.1114	0.11515	0.28897	0.29975	0.05491	0.05449	607147.8	4201148	33063.44	0.1114	0.11515	0.28897	0.29975	0.05491	0.05449
0.05387	0.05345	607167.8	4201148	43000.99	0.12648	0.13107	0.32739	0.34158	0.05387	0.05345	607167.8	4201148	32111.13	0.12648	0.13107	0.32739	0.34158	0.05387	0.05345
0.05286	0.05244	607187.8	4201148	41100.69	0.14487	0.15074	0.37665	0.39596	0.05286	0.05244	607187.8	4201148	31200.22	0.14487	0.15074	0.37665	0.39596	0.05286	0.05244
0.05187	0.05145	607207.8	4201148	39324.1	0.16759	0.17548	0.44192	0.46932	0.05187	0.05145	607207.8	4201148	30329.06	0.16759	0.17548	0.44192	0.46932	0.05187	0.05145
0.0509	0.05047	607227.8	4201148	37660.96	0.19633	0.20743	0.53207	0.57313	0.0509	0.05047	607227.8	4201148	29495.91	0.19633	0.20743	0.53207	0.57313	0.0509	0.05047
0.04995	0.04953	607247.8	4201148	36101.99	0.23389	0.25038	0.66377	0.72984	0.04995	0.04953	607247.8	4201148	28699.23	0.23389	0.25038	0.66377	0.72984	0.04995	0.04953
0.04902	0.0486	607267.8	4201148	34638.8	0.28468	0.31105	0.87134	0.98918	0.04902	0.0486	607267.8	4201148	27937.03	0.28468	0.31105	0.87134	0.98918	0.04902	0.0486
0.04811	0.04769	607287.8	4201148	33263.88	0.3548	0.40019	1.23508	1.47896	0.04811	0.04769	607287.8	4201148	27207.83	0.3548	0.40019	1.23508	1.47896	0.04811	0.04769
0.04722	0.0468	607307.8	4201148	31966.56	0.45058	0.53166	1.97295	2.57589	0.04722	0.0468	607307.8	4201148	26507.94	0.45058	0.53166	1.97295	2.57589	0.04722	0.0468
0.1009	0.10145	606527.8	4201168	650159.5	0.01602	0.01632	0.05513	0.05572	0.1009	0.10145	606527.8	4201168	74450.43	0.01602	0.01632	0.05513	0.05572	0.1009	0.10145
0.09923	0.0997	606547.8	4201168	534658.7	0.01653	0.01686	0.05675	0.05737	0.09923	0.0997	606547.8	4201168	73257.11	0.01653	0.01686	0.05675	0.05737	0.09923	0.0997
0.09757	0.09795	606567.8	4201168	440990.7	0.01708	0.01742	0.05845	0.0591	0.09757	0.09795	606567.8	4201168	72058.55	0.01708	0.01742	0.05845	0.0591	0.09757	0.09795
0.0959	0.09619	606587.8	4201168	376298.8	0.01766	0.01802	0.06028	0.06096	0.0959	0.09619	606587.8	4201168	70824.65	0.01766	0.01802	0.06028	0.06096	0.0959	0.09619
0.09423	0.09444	606607.8	4201168	327663.1	0.01828	0.01865	0.06221	0.06294	0.09423	0.09444	606607.8	4201168	69575.77	0.01828	0.01865	0.06221	0.06294	0.09423	0.09444
0.09256	0.09271	606627.8	4201168	289202.5	0.01892	0.01932	0.06425	0.06502	0.09256	0.09271	606627.8	4201168	68279.14	0.01892	0.01932	0.06425	0.06502	0.09256	0.09271
0.0909	0.09099	606647.8	4201168	257383.1	0.01965	0.02006	0.06649	0.06731	0.0909	0.09099	606647.8	4201168	66931.75	0.01965	0.02006	0.06649	0.06731	0.0909	0.09099
0.08925	0.08928	606667.8	4201168	230810.7	0.02043	0.02087	0.06889	0.06976	0.08925	0.08928	606667.8	4201168	65521.27	0.02043	0.02087	0.06889	0.06976	0.08925	0.08928
0.08761	0.08759	606687.8	4201168	208357.7	0.02125	0.02171	0.07144	0.07236	0.08761	0.08759	606687.8	4201168	64053.33	0.02125	0.02171	0.07144	0.07236	0.08761	0.08759
0.08599	0.08592	606707.8	4201168	188961.8	0.02217	0.02266	0.07423	0.07519	0.08599	0.08592	606707.8	4201168	62516.38	0.02217	0.02266	0.07423	0.07519	0.08599	0.08592
0.08437	0.08425	606727.8	4201168	172180.8	0.02318	0.0237	0.07721	0.07822	0.08437	0.08425	606727.8	4201168	60933.56	0.02318	0.0237	0.07721	0.07822	0.08437	0.08425
0.08277	0.08261	606747.8	4201168	157654.6	0.02421	0.02476	0.08032	0.08137	0.08277	0.08261	606747.8	4201168	59320.85	0.02421	0.02476	0.08032	0.08137	0.08277	0.08261
0.0812	0.081	606767.8	4201168	144893.7	0.02532	0.0259	0.08363	0.08473	0.0812	0.081	606767.8	4201168	57687.68	0.02532	0.0259	0.08363	0.08473	0.0812	0.081
0.07965	0.07942	606787.8	4201168	133609.3	0.02651	0.02713	0.08717	0.08833	0.07965	0.07942	606787.8	4201168	56044.53	0.02651	0.02713	0.08717	0.08833	0.07965	0.07942
0.07812	0.07785	606807.8	4201168	123563.2	0.02782	0.02847	0.091	0.09223	0.07812	0.07785	606807.8	4201168	54403.75	0.02782	0.02847	0.091	0.09223	0.07812	0.07785
0.07661	0.07632	606827.8	4201168	114606.6	0.02923	0.02992	0.09511	0.09645	0.07661	0.07632	606827.8	4201168	52781.99	0.02923	0.02992	0.09511	0.09645	0.07661	0.07632
0.07512	0.0748	606847.8	4201168	106554.7	0.03081	0.03154	0.09963	0.10108	0.07512	0.0748	606847.8	4201168	51184.22	0.03081	0.03154	0.09963	0.10108	0.07512	0.0748
0.07366	0.07331	606867.8	4201168	99290.25	0.03258	0.0334	0.10434	0.10568	0.07366	0.07331	606867.8	4201168	49618.09	0.03258	0.0334	0.10434	0.10568	0.07366	0.07331
0.07222	0.07185	606887.8	4201168	92742.35	0.03503	0.03577	0.10971	0.11143	0.07222	0.07185	606887.8	4201168	48094.9	0.03503	0.03577	0.10971	0.11143	0.07222	0.07185
0.0708	0.07042	606907.8	4201168	86806.22	0.03742	0.03828	0.11556	0.11747	0.0708	0.07042	606907.8	4201168	46614.85	0.03742	0.03828	0.11556	0.11747	0.0708	0.07042
0.0694	0.06901	606927.8	4201168	81408.23	0.04001	0.04099	0.12208	0.12418	0.0694	0.06901	606927.8	4201168	45179.6	0.04001	0.04099	0.12208	0.12418	0.0694	0.06901
0.06804	0.06763	606947.8	4201168	76501.84	0.04267	0.04377	0.12936	0.13171	0.06804	0.06763	606947.8	4201168	43794.2	0.04267	0.04377	0.12936	0.13171	0.06804	0.06763
0.0667	0.06628	606967.8	4201168	72015.69	0.04564	0.04682	0.13751	0.14015	0.0667	0.06628	606967.8	4201168	42454.74	0.04564	0.04682	0.13751	0.14015	0.0667	0.06628
0.06538	0.06495	606987.8	4201168	67908.24	0.04897	0.05023	0.14663	0.1496	0.06538	0.06495	606987.8	4201168	41162.1	0.04897	0.05023	0.14663	0.1496	0.06538	0.06495
0.0641	0.06365	607007.8	4201168	64139.98	0.05271	0.05408	0.15685	0.16021	0.0641	0.06365	607007.8	4201168	39915.84	0.05271	0.05408	0.15685	0.16021	0.0641	0.06365
0.06283	0.06238	607027.8	4201168	60675.33	0.05699	0.05845	0.16844	0.17227	0.06283	0.06238	607027.8	4201168	38715.43	0.05699	0.05845	0.16844	0.17227	0.06283	0.06238
0.06159	0.06113	607047.8	4201168	57471.99	0.06202	0.06356	0.18191	0.18637	0.06159	0.06113	607047.8	4201168	37556.24	0.06202	0.06356	0.18191	0.18637	0.06159	0.06113
0.06038	0.05992	607067.8	4201168	54522.82	0.06776	0.0694	0.19742	0.20264	0.06038	0.05992	607067.8	4201168	36443.6	0.06776	0.0694	0.19742	0.20264	0.06038	0.05992
0.05919	0.05873	607087.8	4201168	51795.3	0.07447	0.07623	0.21557	0.22179	0.05919	0.05873	607087.8	4201168	35373.99	0.07447	0.07623	0.21557	0.22179	0.05919	0.05873
0.05802	0.05756	607107.8	4201168	49260.82	0.0825	0.08444	0.23737	0.24491	0.05802	0.05756	607107.8	4201168	34343.7	0.0825	0.08444	0.23737	0.24491	0.05802	0.05756
0.05689	0.05642	607127.8	4201168	46915.34	0.09178	0.09399	0.26334	0.27266	0.05689	0.05642	607127.8	4201168	33356.86	0.09178	0.09399	0.26334	0.27266	0.05689	0.05642
0.05578	0.05531	607147.8	4201168	44733.5	0.10274	0.10538	0.29506	0.30691	0.05578	0.05531	607147.8	4201168	32409.51	0.10274	0.10538	0.29506	0.30691	0.05578	0.05531
0.05469	0.05422	607167.8	4201168	42701.32	0.11568	0.11903	0.33468	0.35016	0.05469	0.05422	607167.8	4201168	31500.56	0.11568	0.11903	0.33468	0.35016	0.05469	0.05422
0.05363	0.05316	607187.8	4201168	40804.5	0.13111	0.13558	0.38565	0.4066	0.05363	0.05316	607187.8	4201168	30628.3	0.13111	0.13558	0.38565	0.4066	0.05363	0.05316
0.05259	0.05212	607207.8	4201168	39034.71	0.14946	0.15569	0.45299	0.48255	0.05259	0.05212	607207.8	4201168	29792.93	0.14946	0.15569	0.45299	0.48255	0.05259	0.05212
0.05157	0.05111	607227.8	4201168	37378.13	0.17198	0.181	0.54633	0.5905	0.05157	0.05111	607227.8	4201168	28991.72	0.17198	0.181	0.54633	0.5905	0.05157	0.05111
0.05058	0.05012	607247.8	4201168	35826.34	0.20006	0.21369	0.68282	0.75391	0.05058	0.05012	607247.8	4201168	28223.87	0.20006	0.21369	0.68282	0.75391	0.05058	0.05012
0.04961	0.04916	607267.8	4201168	34370.82	0.23573	0.25693	0.89764	1.02478	0.04961	0.04916	607267.8	4201168	27487.82	0.23573	0.25693	0.89764	1.02478	0.04961	0.04916
0.04867	0.04821	607287.8	4201168	33003.17	0.28237	0.3151	1.27431	1.53728	0.04867	0.04821	607287.8	4201168	26781.94	0.28237	0.3151	1.27431	1.53728	0.04867	0.04821
0.04774	0.04729	607307.8	4201168	31714.92	0.3424	0.39319	2.03248	2.67489	0.04774	0.04729	607307.8	4201168	26104.15	0.3424	0.39319	2.03248	2.67489	0.04774	0.04729
0.10621	0.10658	606527.8	4201188	658451.7	0.01542	0.01569	0.0553	0.05592	0.10621	0.10658	606527.8	4201188	70486.67	0.01542	0.01569	0.0553	0.05592	0.10621	0.10658
0.10425	0.10453	606547.8	4201188	542130.5	0.0159	0.01618	0.0569	0.05755	0.10425	0.10453	606547.8	4201188	69379.76	0.0159	0.01618	0.0569	0.05755	0.10425	0.10453
0.10231	0.10251	606567.8	4201188	447902.8	0.01642	0.01672	0.05862	0.05931	0.10231	0.10251	606567.8	4201188	68262.27	0.01642	0.01672	0.05862	0.05931	0.10231	0.10251
0.10038	0.1005	606587.8	4201188	382755.3	0.01697	0.01729	0.06045	0.06118	0.10038	0.1005	606587.8	4201188	67116.55	0.01697	0.01729	0.06045	0.06118	0.10038	0.1005
0.09845	0.09851	606607.8	4201188	333584.3	0.01755	0.01788	0.06238	0.06315	0.09845	0.09851	606607.8	4201188	65961.73	0.01755	0.01788	0.06238	0.06315	0.09845	0.09851
0.09656	0.09654	606627.8	4201188	294217.4	0.01817	0.01852	0.06445	0.06527	0.09656	0.09654	606627.8	4201188	64763.84	0.01817	0.01852	0.06445	0.06527	0.09656	0.09654
0.09468	0.0946	606647.8	4201188	261610.5	0.01886	0.01922	0.06671	0.06758	0.09468	0.0946	606647.8	4201188	63529.95	0.01886	0.01922	0.06671	0.06758	0.09468	0.0946
0.09282	0.09268	606667.8	4201188	234301.3	0.0196	0.01998	0.06913	0.07006	0.09282	0.09268	606667.8	4201188	62246.32	0.0196	0.01998	0.06913	0.07006	0.09282	0.09268
0.09096	0.09079	606687.8	4201188	211014.2	0.02042	0.02082	0.07177	0.07275	0.09096	0.09079	606687.8	4201188	60908.58	0.02042	0.02082	0.07177	0.07275	0.09096	0.09079
0.08915	0.08894	606707.8	4201188	191060.1	0.0213	0.02171	0.07458	0.07562	0.08915	0.08894	606707.8	4201188	59521.87	0.0213	0.02171	0.07458	0.07562	0.08915	0.08894
0.08735	0.08709	606727.8	4201188	173816.2	0.02224	0.02268	0.07759	0.07868	0.08735	0.08709	606727.8	4201188	58095.85	0.02224	0.02268	0.07759	0.07868	0.08735	0.08709
0.08558	0.08529	606747.8	4201188	158837.2	0.02323	0.02369	0.08077	0.08191	0.08558	0.08529	606747.8	4201188	56638.05	0.02323	0.02369	0.08077	0.08191	0.08558	0.08529
0.08384	0.08352	606767.8	4201188	145708.9	0.02429	0.02478	0.08415	0.08534	0.08384	0.08352	606767.8	4201188	55161.4	0.02429	0.02478	0.08415	0.08534	0.08384	0.08352
0.08214	0.08178	606787.8	4201188	134129.4	0.02544	0.02595	0.08776	0.08902	0.08214	0.08178	606787.8	4201188	53672.5	0.02544	0.02595	0.08776	0.08902	0.08214	0.08178
0.08046	0.08008	606807.8	4201188	123852	0.02669	0.02723	0.09165	0.09299	0.08046	0.08008	606807.8	4201188	52182.66	0.02669	0.02723	0.09165	0.09299	0.08046	0.08008
0.07882	0.07841	606827.8	4201188	114713.7	0.02803	0.0286	0.09582	0.09726	0.07882	0.07841	606827.8	4201188	50705.71	0.02803	0.0286	0.09582	0.09726	0.07882	0.07841
0.0772	0.07678	606847.8	4201188	106520	0.02953	0.03012	0.10039	0.1018	0.0772	0.07678	606847.8	4201188	49246.31	0.02953	0.03012	0.10039	0.1018	0.0772	0.07678
0.07562	0.07517	606867.8	4201188	99166.26	0.0312	0.03182	0.10517	0.10669	0.07562	0.07517	606867.8	4201188	47815.03	0.0312	0.03182	0.10517	0.10669	0.07562	0.07517
0.07406	0.0736	606887.8	4201188	92507.87	0.03366	0.03428	0.11072	0.1126	0.07406	0.0736	606887.8	4201188	46410.88	0.03366	0.03428	0.11072	0.1126	0.07406	0.0736
0.07253	0.07205	606907.8	4201188	86500.88	0.03586	0.03657	0.11671	0.11879	0.07253	0.07205	606907.8	4201188	45046	0.03586	0.03657	0.11671	0.11879	0.07253	0.07205
0.07103	0.07055	606927.8	4201188	81062.12	0.03818	0.039	0.12331	0.1256	0.07103	0.07055	606927.8	4201188	43721.98	0.03818	0.039	0.12331	0.1256	0.07103	0.07055
0.06957	0.06907	606947.8	4201188	76111.64	0.0407	0.04156	0.13078	0.13336	0.06957	0.06907	606947.8	4201188	42437.14	0.0407	0.04156	0.13078	0.13336	0.06957	0.06907
0.06814	0.06763	606967.8	4201188	71603.96	0.04346	0.04438	0.13909	0.14203	0.06814	0.06763	606967.8	4201188	41194.69	0.04346	0.04438	0.13909	0.14203	0.06814	0.06763
0.06674	0.06622	606987.8	4201188	67482.18	0.04657	0.04754	0.14843	0.15174	0.06674	0.06622	606987.8	4201188	39992.56	0.04657	0.04754	0.14843	0.15174	0.06674	0.06622
0.06537	0.06485	607007.8	4201188	63706.21	0.05009	0.05112	0.15888	0.16262	0.06537	0.06485	607007.8	4201188	38830.93	0.05009	0.05112	0.15888	0.16262	0.06537	0.06485
0.06402	0.0635	607027.8	4201188	60232.22	0.05415	0.0552	0.17088	0.17514	0.06402	0.0635	607027.8	4201188	37707.07	0.05415	0.0552	0.17088	0.17514	0.06402	0.0635
0.06271	0.06218	607047.8	4201188	57034.4	0.05882	0.05991	0.18466	0.18956	0.06271	0.06218	607047.8	4201188	36621.85	0.05882	0.05991	0.18466	0.18956	0.06271	0.06218
0.06143	0.0609	607067.8	4201188	54090.85	0.06417	0.06531	0.20052	0.20623	0.06143	0.0609	607067.8	4201188	35576.75	0.06417	0.06531	0.20052	0.20623	0.06143	0.0609
0.06017	0.05965	607087.8	4201188	51370.58	0.07038	0.0716	0.21912	0.22588	0.06017	0.05965	607087.8	4201188	34569	0.07038	0.0716	0.21912	0.22588	0.06017	0.05965
0.05895	0.05843	607107.8	4201188	48851.28	0.07761	0.07895	0.24125	0.2494	0.05895	0.05843	607107.8	4201188	33597.55	0.07761	0.07895	0.24125	0.2494	0.05895	0.05843
0.05776	0.05724	607127.8	4201188	46517.22	0.0859	0.08748	0.26783	0.27782	0.05776	0.05724	607127.8	4201188	32662.97	0.0859	0.08748	0.26783	0.27782	0.05776	0.05724
0.05659	0.05607	607147.8	4201188	44342.73	0.09564	0.09764	0.30059	0.31323	0.05659	0.05607	607147.8	4201188	31761.21	0.09564	0.09764	0.30059	0.31323	0.05659	0.05607
0.05545	0.05493	607167.8	4201188	42320.4	0.10686	0.10955	0.34155	0.35792	0.05545	0.05493	607167.8	4201188	30894.13	0.10686	0.10955	0.34155	0.35792	0.05545	0.05493
0.05434	0.05382	607187.8	4201188	40437.61	0.11975	0.12353	0.39403	0.41597	0.05434	0.05382	607187.8	4201188	30061.28	0.11975	0.12353	0.39403	0.41597	0.05434	0.05382
0.05326	0.05274	607207.8	4201188	38680.27	0.13473	0.1402	0.46371	0.49445	0.05326	0.05274	607207.8	4201188	29261.09	0.13473	0.1402	0.46371	0.49445	0.05326	0.05274
0.0522	0.05169	607227.8	4201188	37036.65	0.15241	0.1605	0.56047	0.6061	0.0522	0.05169	607227.8	4201188	28492.03	0.15241	0.1605	0.56047	0.6061	0.0522	0.05169
0.05117	0.05067	607247.8	4201188	35499.53	0.17329	0.18523	0.70128	0.77428	0.05117	0.05067	607247.8	4201188	27754.05	0.17329	0.18523	0.70128	0.77428	0.05117	0.05067
0.05017	0.04967	607267.8	4201188	34058.72	0.19864	0.21573	0.92189	1.05147	0.05017	0.04967	607267.8	4201188	27045.45	0.19864	0.21573	0.92189	1.05147	0.05017	0.04967
0.04918	0.04869	607287.8	4201188	32704.13	0.23124	0.25489	1.31007	1.57568	0.04918	0.04869	607287.8	4201188	26363.92	0.23124	0.25489	1.31007	1.57568	0.04918	0.04869
0.04823	0.04774	607307.8	4201188	31429.79	0.27233	0.30614	2.09956	2.74205	0.04823	0.04774	607307.8	4201188	25708.96	0.27233	0.30614	2.09956	2.74205	0.04823	0.04774
0.11155	0.11171	606527.8	4201208	663064.3	0.01487	0.01511	0.05541	0.05606	0.11155	0.11171	606527.8	4201208	66899.3	0.01487	0.01511	0.05541	0.05606	0.11155	0.11171
0.10927	0.10935	606547.8	4201208	545317.9	0.01534	0.01559	0.05704	0.05772	0.10927	0.10935	606547.8	4201208	65863.12	0.01534	0.01559	0.05704	0.05772	0.10927	0.10935
0.10703	0.10703	606567.8	4201208	452282.3	0.01583	0.01609	0.05874	0.05947	0.10703	0.10703	606567.8	4201208	64822.58	0.01583	0.01609	0.05874	0.05947	0.10703	0.10703
0.10482	0.10476	606587.8	4201208	387435.6	0.01635	0.01663	0.06057	0.06133	0.10482	0.10476	606587.8	4201208	63757.42	0.01635	0.01663	0.06057	0.06133	0.10482	0.10476
0.10265	0.10252	606607.8	4201208	337779.9	0.01691	0.0172	0.06251	0.06332	0.10265	0.10252	606607.8	4201208	62682.89	0.01691	0.0172	0.06251	0.06332	0.10265	0.10252
0.10051	0.10031	606627.8	4201208	297672.6	0.01751	0.01781	0.06461	0.06547	0.10051	0.10031	606627.8	4201208	61572.81	0.01751	0.01781	0.06461	0.06547	0.10051	0.10031
0.09838	0.09815	606647.8	4201208	264437.4	0.01817	0.01848	0.06687	0.06779	0.09838	0.09815	606647.8	4201208	60438.07	0.01817	0.01848	0.06687	0.06779	0.09838	0.09815
0.09631	0.09602	606667.8	4201208	236330.2	0.0189	0.01923	0.06936	0.07034	0.09631	0.09602	606667.8	4201208	59257.08	0.0189	0.01923	0.06936	0.07034	0.09631	0.09602
0.09425	0.09393	606687.8	4201208	212589.9	0.01967	0.02001	0.07198	0.07303	0.09425	0.09393	606687.8	4201208	58040.95	0.01967	0.02001	0.07198	0.07303	0.09425	0.09393
0.09225	0.09189	606707.8	4201208	192252.2	0.02048	0.02083	0.07478	0.07589	0.09225	0.09189	606707.8	4201208	56787.57	0.02048	0.02083	0.07478	0.07589	0.09225	0.09189
0.09027	0.08987	606727.8	4201208	174583.5	0.02138	0.02175	0.07783	0.079	0.09027	0.08987	606727.8	4201208	55491.85	0.02138	0.02175	0.07783	0.079	0.09027	0.08987
0.08833	0.0879	606747.8	4201208	159277.2	0.02232	0.02271	0.08104	0.08227	0.08833	0.0879	606747.8	4201208	54173	0.02232	0.02271	0.08104	0.08227	0.08833	0.0879
0.08642	0.08597	606767.8	4201208	145851.9	0.02335	0.02376	0.08449	0.08577	0.08642	0.08597	606767.8	4201208	52828.87	0.02335	0.02376	0.08449	0.08577	0.08642	0.08597

0.08456	0.08408	606787.8	4201208	134053.2	0.02446	0.02488	0.08815	0.0895	0.08456	0.08408	606787.8	4201208	51475.02	0.02446	0.02488	0.08815	0.0895	0.08456	0.08408
0.08273	0.08223	606807.8	4201208	123579.3	0.02569	0.02613	0.09214	0.09357	0.08273	0.08223	606807.8	4201208	50113.18	0.02569	0.02613	0.09214	0.09357	0.08273	0.08223
0.08094	0.08043	606827.8	4201208	114292.8	0.02702	0.02748	0.09641	0.09793	0.08094	0.08043	606827.8	4201208	48759.79	0.02702	0.02748	0.09641	0.09793	0.08094	0.08043
0.0792	0.07866	606847.8	4201208	106000.9	0.02872	0.02899	0.10094	0.10272	0.0792	0.07866	606847.8	4201208	47420.3	0.02872	0.02899	0.10094	0.10272	0.0792	0.07866
0.07749	0.07694	606867.8	4201208	98597.01	0.03047	0.03088	0.10602	0.10782	0.07749	0.07694	606867.8	4201208	46106.57	0.03047	0.03088	0.10602	0.10782	0.07749	0.07694
0.07582	0.07526	606887.8	4201208	91927.6	0.03236	0.03285	0.11151	0.1135	0.07582	0.07526	606887.8	4201208	44817.59	0.03236	0.03285	0.11151	0.1135	0.07582	0.07526
0.07419	0.07362	606907.8	4201208	85891.71	0.03443	0.03503	0.11759	0.11977	0.07419	0.07362	606907.8	4201208	43555.73	0.03443	0.03503	0.11759	0.11977	0.07419	0.07362
0.07259	0.07201	606927.8	4201208	80430.09	0.03663	0.03728	0.12438	0.12682	0.07259	0.07201	606927.8	4201208	42327.61	0.03663	0.03728	0.12438	0.12682	0.07259	0.07201
0.07103	0.07045	606947.8	4201208	75482.17	0.03898	0.03966	0.13193	0.13469	0.07103	0.07045	606947.8	4201208	41136.79	0.03898	0.03966	0.13193	0.13469	0.07103	0.07045
0.0695	0.06892	606967.8	4201208	70976.28	0.0416	0.04231	0.1404	0.14352	0.0695	0.06892	606967.8	4201208	39981.14	0.0416	0.04231	0.1404	0.14352	0.0695	0.06892
0.06802	0.06743	606987.8	4201208	66862.21	0.04455	0.04528	0.14993	0.15343	0.06802	0.06743	606987.8	4201208	38860.74	0.04455	0.04528	0.14993	0.15343	0.06802	0.06743
0.06656	0.06598	607007.8	4201208	63098.37	0.0479	0.04864	0.16063	0.16463	0.06656	0.06598	607007.8	4201208	37776.11	0.0479	0.04864	0.16063	0.16463	0.06656	0.06598
0.06514	0.06455	607027.8	4201208	59633.55	0.0518	0.05254	0.17298	0.17758	0.06514	0.06455	607027.8	4201208	36722.49	0.0518	0.05254	0.17298	0.17758	0.06514	0.06455
0.06376	0.06317	607047.8	4201208	56460.34	0.05617	0.05692	0.18702	0.19231	0.06376	0.06317	607047.8	4201208	35706.99	0.05617	0.05692	0.18702	0.19231	0.06376	0.06317
0.06241	0.06182	607067.8	4201208	53533.94	0.06122	0.062	0.20328	0.20943	0.06241	0.06182	607067.8	4201208	34724.25	0.06122	0.062	0.20328	0.20943	0.06241	0.06182
0.06109	0.06051	607087.8	4201208	50831.43	0.06703	0.06787	0.22237	0.22965	0.06109	0.06051	607087.8	4201208	33774.11	0.06703	0.06787	0.22237	0.22965	0.06109	0.06051
0.05982	0.05923	607107.8	4201208	48340.14	0.07353	0.07449	0.24481	0.25351	0.05982	0.05923	607107.8	4201208	32859.44	0.07353	0.07449	0.24481	0.25351	0.05982	0.05923
0.05857	0.05799	607127.8	4201208	46025.73	0.08099	0.08222	0.27202	0.28267	0.05857	0.05799	607127.8	4201208	31974.44	0.08099	0.08222	0.27202	0.28267	0.05857	0.05799
0.05735	0.05678	607147.8	4201208	43876.53	0.08942	0.09109	0.30536	0.31864	0.05735	0.05678	607147.8	4201208	31120.52	0.08942	0.09109	0.30536	0.31864	0.05735	0.05678
0.05616	0.05559	607167.8	4201208	41876.7	0.09893	0.10131	0.34711	0.36419	0.05616	0.05559	607167.8	4201208	30296.54	0.09893	0.10131	0.34711	0.36419	0.05616	0.05559
0.055	0.05444	607187.8	4201208	40012.89	0.10964	0.11314	0.40095	0.42364	0.055	0.05444	607187.8	4201208	29501.94	0.10964	0.11314	0.40095	0.42364	0.055	0.05444
0.05387	0.05332	607207.8	4201208	38271.09	0.12191	0.12708	0.47316	0.50475	0.05387	0.05332	607207.8	4201208	28735.18	0.12191	0.12708	0.47316	0.50475	0.05387	0.05332
0.05278	0.05223	607227.8	4201208	36647.57	0.13558	0.14307	0.57245	0.61887	0.05278	0.05223	607227.8	4201208	27998.71	0.13558	0.14307	0.57245	0.61887	0.05278	0.05223
0.05171	0.05116	607247.8	4201208	35127.39	0.15153	0.16192	0.71796	0.79163	0.05171	0.05116	607247.8	4201208	27289.37	0.15153	0.16192	0.71796	0.79163	0.05171	0.05116
0.05067	0.05013	607267.8	4201208	33707.05	0.17012	0.18364	0.94285	1.07121	0.05067	0.05013	607267.8	4201208	26608.86	0.17012	0.18364	0.94285	1.07121	0.05067	0.05013
0.04965	0.04912	607287.8	4201208	32368.23	0.1944	0.21185	1.34409	1.60397	0.04965	0.04912	607287.8	4201208	25951.21	0.1944	0.21185	1.34409	1.60397	0.04965	0.04912
0.04866	0.04814	607307.8	4201208	31110.49	0.22396	0.24764	2.16176	2.7811	0.04866	0.04814	607307.8	4201208	25318.75	0.22396	0.24764	2.16176	2.7811	0.04866	0.04814
0.11686	0.11679	606527.8	4201228	661489.5	0.01437	0.01459	0.0555	0.05618	0.11686	0.11679	606527.8	4201228	63630.32	0.01437	0.01459	0.0555	0.05618	0.11686	0.11679
0.11426	0.11412	606547.8	4201228	545698.9	0.01482	0.01505	0.05712	0.05784	0.11426	0.11412	606547.8	4201228	62663.33	0.01482	0.01505	0.05712	0.05784	0.11426	0.11412
0.11171	0.1115	606567.8	4201228	455585.7	0.0153	0.01554	0.05885	0.05961	0.11171	0.1115	606567.8	4201228	61688.25	0.0153	0.01554	0.05885	0.05961	0.11171	0.1115
0.10922	0.10895	606587.8	4201228	391128.7	0.01579	0.01603	0.06064	0.06144	0.10922	0.10895	606587.8	4201228	60698.33	0.01579	0.01603	0.06064	0.06144	0.10922	0.10895
0.10677	0.10645	606607.8	4201228	340585.3	0.01634	0.01659	0.06262	0.06346	0.10677	0.10645	606607.8	4201228	59694.57	0.01634	0.01659	0.06262	0.06346	0.10677	0.10645
0.10438	0.10401	606627.8	4201228	299743.1	0.01692	0.01718	0.06472	0.06562	0.10438	0.10401	606627.8	4201228	58664.38	0.01692	0.01718	0.06472	0.06562	0.10438	0.10401
0.10203	0.10162	606647.8	4201228	265715	0.01757	0.01784	0.06702	0.06798	0.10203	0.10162	606647.8	4201228	57612.08	0.01757	0.01784	0.06702	0.06798	0.10203	0.10162
0.09973	0.09927	606667.8	4201228	237151.1	0.01826	0.01855	0.06949	0.07052	0.09973	0.09927	606667.8	4201228	56527.8	0.01826	0.01855	0.06949	0.07052	0.09973	0.09927
0.09747	0.09699	606687.8	4201228	213031.6	0.01898	0.01928	0.0721	0.0732	0.09747	0.09699	606687.8	4201228	55416	0.01898	0.01928	0.0721	0.0732	0.09747	0.09699
0.09528	0.09476	606707.8	4201228	192338.6	0.01975	0.02006	0.07491	0.07607	0.09528	0.09476	606707.8	4201228	54271.74	0.01975	0.02006	0.07491	0.07607	0.09528	0.09476
0.09311	0.09256	606727.8	4201228	174426.5	0.0206	0.02092	0.07795	0.07918	0.09311	0.09256	606727.8	4201228	53093.6	0.0206	0.02092	0.07795	0.07918	0.09311	0.09256
0.09099	0.09042	606747.8	4201228	158844.8	0.02153	0.02186	0.08122	0.08252	0.09099	0.09042	606747.8	4201228	51889.18	0.02153	0.02186	0.08122	0.08252	0.09099	0.09042
0.08892	0.08833	606767.8	4201228	145237.6	0.02253	0.02287	0.08472	0.08608	0.08892	0.08833	606767.8	4201228	50663.19	0.02253	0.02287	0.08472	0.08608	0.08892	0.08833
0.08689	0.08629	606787.8	4201228	133289.5	0.02362	0.02397	0.08846	0.08989	0.08689	0.08629	606787.8	4201228	49425.14	0.02362	0.02397	0.08846	0.08989	0.08689	0.08629
0.08492	0.0843	606807.8	4201228	122727.5	0.02482	0.02518	0.0925	0.09402	0.08492	0.0843	606807.8	4201228	48178.97	0.02482	0.02518	0.0925	0.09402	0.08492	0.0843
0.08299	0.08236	606827.8	4201228	113384.5	0.02611	0.02648	0.09686	0.09844	0.08299	0.08236	606827.8	4201228	46937.65	0.02611	0.02648	0.09686	0.09844	0.08299	0.08236
0.08111	0.08047	606847.8	4201228	105075.2	0.02786	0.02795	0.10166	0.10335	0.08111	0.08047	606847.8	4201228	45707.7	0.02786	0.02795	0.10166	0.10335	0.08111	0.08047
0.07928	0.07863	606867.8	4201228	97639.34	0.02958	0.02998	0.10663	0.10852	0.07928	0.07863	606867.8	4201228	44493.17	0.02958	0.02998	0.10663	0.10852	0.07928	0.07863
0.07749	0.07683	606887.8	4201228	90946.36	0.03146	0.0319	0.11221	0.11426	0.07749	0.07683	606887.8	4201228	43296.57	0.03146	0.0319	0.11221	0.11426	0.07749	0.07683
0.07576	0.0751	606907.8	4201228	84978.51	0.03322	0.03368	0.11829	0.12054	0.07576	0.0751	606907.8	4201228	42137.44	0.03322	0.03368	0.11829	0.12054	0.07576	0.0751
0.07407	0.0734	606927.8	4201228	79553.51	0.03523	0.03574	0.12514	0.1277	0.07407	0.0734	606927.8	4201228	41000.31	0.03523	0.03574	0.12514	0.1277	0.07407	0.0734
0.07241	0.07174	606947.8	4201228	74624.39	0.03749	0.03801	0.13282	0.13572	0.07241	0.07174	606947.8	4201228	39890.88	0.03749	0.03801	0.13282	0.13572	0.07241	0.07174
0.07079	0.07013	606967.8	4201228	70140.98	0.04003	0.04056	0.14142	0.14475	0.07079	0.07013	606967.8	4201228	38812.02	0.04003	0.04056	0.14142	0.14475	0.07079	0.07013
0.06922	0.06856	606987.8	4201228	66062.82	0.04285	0.04338	0.15105	0.15479	0.06922	0.06856	606987.8	4201228	37766.99	0.04285	0.04338	0.15105	0.15479	0.06922	0.06856
0.06769	0.06703	607007.8	4201228	62325.58	0.04609	0.0466	0.16206	0.16635	0.06769	0.06703	607007.8	4201228	36750.84	0.04609	0.0466	0.16206	0.16635	0.06769	0.06703
0.06619	0.06553	607027.8	4201228	58892.13	0.04983	0.05033	0.17476	0.17968	0.06619	0.06553	607027.8	4201228	35762.91	0.04983	0.05033	0.17476	0.17968	0.06619	0.06553
0.06474	0.06408	607047.8	4201228	55756.1	0.05397	0.05447	0.18904	0.1947	0.06474	0.06408	607047.8	4201228	34811	0.05397	0.05447	0.18904	0.1947	0.06474	0.06408
0.06333	0.06268	607067.8	4201228	52866.63	0.0587	0.05922	0.20557	0.21217	0.06333	0.06268	607067.8	4201228	33888.34	0.0587	0.05922	0.20557	0.21217	0.06333	0.06268
0.06195	0.06131	607087.8	4201228	50201.2	0.06404	0.06462	0.22495	0.23275	0.06195	0.06131	607087.8	4201228	32994.92	0.06404	0.06462	0.22495	0.23275	0.06195	0.06131
0.06062	0.05998	607107.8	4201228	47742.26	0.06994	0.07068	0.24781	0.25707	0.06062	0.05998	607107.8	4201228	32132.09	0.06994	0.07068	0.24781	0.25707	0.06062	0.05998
0.05931	0.05868	607127.8	4201228	45456.29	0.07662	0.07767	0.27567	0.28696	0.05931	0.05868	607127.8	4201228	31294.32	0.07662	0.07767	0.27567	0.28696	0.05931	0.05868
0.05805	0.05743	607147.8	4201228	43342.45	0.08381	0.08535	0.30935	0.32332	0.05805	0.05743	607147.8	4201228	30487.26	0.08381	0.08535	0.30935	0.32332	0.05805	0.05743
0.05681	0.05619	607167.8	4201228	41366.06	0.09196	0.09429	0.35238	0.37025	0.05681	0.05619	607167.8	4201228	29702.57	0.09196	0.09429	0.35238	0.37025	0.05681	0.05619
0.05561	0.055	607187.8	4201228	39529.11	0.10075	0.10423	0.40744	0.43099	0.05561	0.055	607187.8	4201228	28946	0.10075	0.10423	0.40744	0.43099	0.05561	0.055
0.05444	0.05384	607207.8	4201228	37812.8	0.11053	0.11556	0.48124	0.51384	0.05444	0.05384	607207.8	4201228	28214.13	0.11053	0.11556	0.48124	0.51384	0.05444	0.05384
0.0533	0.05271	607227.8	4201228	36213.35	0.1212	0.12807	0.58263	0.63015	0.0533	0.05271	607227.8	4201228	27509.56	0.1212	0.12807	0.58263	0.63015	0.0533	0.05271
0.05219	0.05161	607247.8	4201228	34714.64	0.13378	0.14256	0.73206	0.80673	0.05219	0.05161	607247.8	4201228	26828.79	0.13378	0.14256	0.73206	0.80673	0.05219	0.05161
0.05112	0.05055	607267.8	4201228	33313.75	0.14861	0.15933	0.9652	1.0936	0.05112	0.05055	607267.8	4201228	26174.02	0.14861	0.15933	0.9652	1.0936	0.05112	0.05055
0.05008	0.04951	607287.8	4201228	31998.89	0.16682	0.18007	1.37476	1.62564	0.05008	0.04951	607287.8	4201228	25542.63	0.16682	0.18007	1.37476	1.62564	0.05008	0.04951
0.04906	0.0485	607307.8	4201228	30760.58	0.18887	0.2063	2.21814	2.80646	0.04906	0.0485	607307.8	4201228	24932.68	0.18887	0.2063	2.21814	2.80646	0.04906	0.0485
0.12208	0.1218	606527.8	4201248	662987.1	0.01391	0.01411	0.05555	0.05626	0.12208	0.1218	606527.8	4201248	60639.91	0.01391	0.01411	0.05555	0.05626	0.12208	0.1218
0.11918	0.11881	606547.8	4201248	553860	0.01435	0.01456	0.05719	0.05794	0.11918	0.11881	606547.8	4201248	59734	0.01435	0.01456	0.05719	0.05794	0.11918	0.11881
0.11632	0.11589	606567.8	4201248	460869.4	0.01483	0.01503	0.05894	0.05972	0.11632	0.11589	606567.8	4201248	58820.24	0.01483	0.01503	0.05894	0.05972	0.11632	0.11589
0.11353	0.11305	606587.8	4201248	393710.4	0.01531	0.01553	0.06076	0.06159	0.11353	0.11305	606587.8	4201248	57892.78	0.01531	0.01553	0.06076	0.06159	0.11353	0.11305
0.11082	0.1103	606607.8	4201248	342011.1	0.01583	0.01605	0.0627	0.06358	0.11082	0.1103	606607.8	4201248	56959.07	0.01583	0.01605	0.0627	0.06358	0.11082	0.1103
0.10818	0.10761	606627.8	4201248	299993.7	0.01641	0.01664	0.06485	0.06579	0.10818	0.10761	606627.8	4201248	55996.22	0.01641	0.01664	0.06485	0.06579	0.10818	0.10761
0.10558	0.10498	606647.8	4201248	265432.3	0.01703	0.01727	0.06714	0.06814	0.10558	0.10498	606647.8	4201248	55021.18	0.01703	0.01727	0.06714	0.06814	0.10558	0.10498
0.10307	0.10243	606667.8	4201248	236649.9	0.01767	0.01792	0.06955	0.07062	0.10307	0.10243	606667.8	4201248	54025.34	0.01767	0.01792	0.06955	0.07062	0.10307	0.10243
0.1006	0.09995	606687.8	4201248	212222.9	0.01836	0.01861	0.07215	0.07329	0.1006	0.09995	606687.8	4201248	53002.95	0.01836	0.01861	0.07215	0.07329	0.1006	0.09995
0.09819	0.09752	606707.8	4201248	191172.2	0.01914	0.0194	0.07503	0.07624	0.09819	0.09752	606707.8	4201248	51947.12	0.01914	0.0194	0.07503	0.07624	0.09819	0.09752
0.09584	0.09515	606727.8	4201248	173157	0.01995	0.02022	0.07806	0.07934	0.09584	0.09515	606727.8	4201248	50869.84	0.01995	0.02022	0.07806	0.07934	0.09584	0.09515
0.09355	0.09284	606747.8	4201248	157496.2	0.02084	0.02112	0.08134	0.0827	0.09355	0.09284	606747.8	4201248	49768.69	0.02084	0.02112	0.08134	0.0827	0.09355	0.09284
0.09131	0.09058	606767.8	4201248	143812.6	0.02183	0.02212	0.08489	0.08633	0.09131	0.09058	606767.8	4201248	48644.28	0.02183	0.02212	0.08489	0.08633	0.09131	0.09058
0.08914	0.0884	606787.8	4201248	131888.2	0.02286	0.02315	0.08862	0.09013	0.08914	0.0884	606787.8	4201248	47514.25	0.02286	0.02315	0.08862	0.09013	0.08914	0.0884
0.08701	0.08627	606807.8	4201248	121313.4	0.02405	0.02434	0.09274	0.09434	0.08701	0.08627	606807.8	4201248	46368.97	0.02405	0.02434	0.09274	0.09434	0.08701	0.08627
0.08495	0.0842	606827.8	4201248	111997.4	0.0253	0.0256	0.0972	0.09896	0.08495	0.0842	606827.8	4201248	45228	0.0253	0.0256	0.0972	0.09896	0.08495	0.0842
0.08294	0.08219	606847.8	4201248	103721.7	0.02709	0.02731	0.10203	0.10384	0.08294	0.08219	606847.8	4201248	44093.83	0.02709	0.02731	0.10203	0.10384	0.08294	0.08219
0.08099	0.08024	606867.8	4201248	96348.84	0.02865	0.02895	0.10706	0.109	0.08099	0.08024	606867.8	4201248	42974.28	0.02865	0.02895	0.10706	0.109	0.08099	0.08024
0.07909	0.07833	606887.8	4201248	89720.89	0.03038	0.03073	0.11263	0.11477	0.07909	0.07833	606887.8	4201248	41868.09	0.03038	0.03073	0.11263	0.11477	0.07909	0.07833
0.07725	0.07649	606907.8	4201248	83772.05	0.03215	0.03254	0.11887	0.12125	0.07725	0.07649	606907.8	4201248	40785.38	0.03215	0.03254	0.11887	0.12125	0.07725	0.07649
0.07545	0.07469	606927.8	4201248	78399.39	0.0341	0.0345	0.12581	0.12848	0.07545	0.07469	606927.8	4201248	39726.07	0.0341	0.0345	0.12581	0.12848	0.07545	0.07469
0.07371	0.07296	606947.8	4201248	73551	0.03623	0.03661	0.13346	0.13647	0.07371	0.07296	606947.8	4201248	38696.72	0.03623	0.03661	0.13346	0.13647	0.07371	0.07296
0.07201	0.07126	606967.8	4201248	69136.11	0.03863	0.039	0.14211	0.14556	0.07201	0.07126	606967.8	4201248	37692.12	0.03863	0.039	0.14211	0.14556	0.07201	0.07126
0.07036	0.06961	606987.8	4201248	65109.24	0.04136	0.04172	0.15181	0.15575	0.07036	0.06961	606987.8	4201248	36713.91	0.04136	0.04172	0.15181	0.15575	0.07036	0.06961
0.06874	0.068	607007.8	4201248	61414.49	0.04453	0.04486	0.1631	0.1676	0.06874	0.068	607007.8	4201248	35759.23	0.04453	0.04486	0.1631	0.1676	0.06874	0.068
0.06717	0.06644	607027.8	4201248	58032.25	0.04812	0.04843	0.17602	0.1812	0.06717	0.06644	607027.8	4201248	34832.43	0.04812	0.04843	0.17602	0.1812	0.06717	0.06644
0.06565	0.06493	607047.8	4201248	54942.02	0.05208	0.05239	0.19058	0.19661	0.06565	0.06493	607047.8	4201248	33937.47	0.05208	0.05239	0.19058	0.19661	0.06565	0.06493
0.06418	0.06347	607067.8	4201248	52104.72	0.05646	0.0568	0.20734	0.21435	0.06418	0.06347	607067.8	4201248	33071.32	0.05646	0.0568	0.20734	0.21435	0.06418	0.06347
0.06274	0.06204	607087.8	4201248	49482.48	0.06138	0.06182	0.22707	0.23535	0.06274	0.06204	607087.8	4201248	32229.44	0.06138	0.06182	0.22707	0.23535	0.06274	0.06204
0.06135	0.06066	607107.8	4201248	47063.55	0.06672	0.06737	0.25041	0.26025	0.06135	0.06066	607107.8	4201248	31414.86	0.06672	0.06737	0.25041	0.26025	0.06135	0.06066
0.06	0.05931	607127.8	4201248	44818.02	0.07259	0.07361	0.27877	0.29071	0.06	0.05931	607127.8	4201248	30623.22	0.07259	0.07361	0.27877	0.29071	0.06	0.05931
0.05868	0.05801	607147.8	4201248	42735.33	0.07889	0.08047	0.31355	0.3283	0.05868	0.05801	607147.8	4201248	29856.53	0.07889	0.08047	0.31355	0.3283	0.05868	0.05801
0.0574	0.05674	607167.8	4201248	40801.04	0.08552	0.08793	0.35692	0.37565	0.0574	0.05674	607167.8	4201248	29114.66	0.08552	0.08793	0.35692	0.37565	0.0574	0.05674
0.05616	0.05551	607187.8	4201248	38996.09	0.09266	0.09618	0.4131	0.43773	0.05616	0.05551	607187.8	4201248	28394.82	0.09266	0.09618	0.4131	0.43773	0.05616	0.05551
0.05495	0.05431	607207.8	4201248	37311.25	0.10041	0.10522	0.48799	0.52184	0.05495	0.05431	607207.8	4201248	27697.66	0.10041	0.10522	0.48799	0.52184	0.05495	0.05431
0.05378	0.05314	607227.8	4201248	35739.77	0.10894	0.11503	0.59095	0.64002	0.05378	0.05314	607227.8	4201248	27024.45	0.10894	0.11503	0.59095	0.64002	0.05378	0.05314
0.05264	0.05202	607247.8	4201248	34269.87	0.11891	0.12616	0.74098	0.81719	0.05264	0.05202	607247.8	4201248	26373.79	0.11891	0.12616	0.74098	0.81719	0.05264	0.05202
0.05153	0.05092	607267.8	4201248	32889.71	0.13127	0.13982	0.98076	1.10993	0.05153	0.05092	607267.8	4201248	25743.61	0.13127	0.13982	0.98076	1.10993	0.05153	0.05092
0.05045	0.04985	607287.8	4201248	31598.64	0.14564	0.156	1.39624	1.64278	0.05045	0.04985	607287.8	4201248	25136.99	0.14564	0.156	1.39624	1.64278	0.05045	0.04985
0.0494	0.04882	607307.8	4201248	30383.34	0.16239	0.17574	2.25472	2.82471	0.0494	0.04882	607307.8	4201248	24549.94	0.16239	0.17574	2.25472	2.82471	0.0494	0.04882
0.12725	0.12671	606527.8	4201268	665755	0.0135	0.01367	0.0556	0.05633	0.12725	0.12671	606527.8	4201268	57888.05	0.0135	0.01367	0.0556	0.05633	0.12725	0.12671
0.12399	0.12339	606547.8	4201268	569640.2	0.01393	0.01411	0.05724	0.05802	0.12399	0.12339	606547.8	4201268	57040.3	0.01393	0.01411	0.05724	0.05802	0.12399	0.12339
0.12083	0.12017	606567.8	4201268	466436.5	0.01439	0.01457	0.059	0.05981	0.12083	0.12017	606567.8	4201268	56185.07	0.01439	0.01457	0.059	0.05981	0.12083	0.12017
0.11775	0.11705	606587.8	4201268	394911.3	0.01487	0.01506	0.06085	0.0617	0.11775	0.11705	606587.8	4201268	55315.9	0.01487	0.01506	0.06085	0.0617	0.11775	0.11705
0.11477	0.11404	606607.8	4201268	341120.1	0.01539	0.01559	0.06284	0.06374	0.11477	0.11404	606607.8	4201268	54439.2	0.01539	0.01559	0.06284	0.06374	0.11477	0.11404
0.11186	0.1111	606627.8	4201268	298527.3	0.01594	0.01614	0.06494	0.0659	0.11186	0.1111	606627.8	4201268	53545.5	0.01594	0.01614	0.06494	0.0659	0.11186	0.1111
0.10903	0.10824	606647.8	4201268	263566	0.01653	0.01674	0.0672	0.06823	0.10903	0.10824	606647.8	4201268	52640.41	0.01653	0.01674	0.0672	0.06823	0.10903	0.10824
0.10629	0.10548	606667.8	4201268	234490.9	0.01715	0.01737	0.0696	0.0707	0.10629	0.10548	606667.8	4201268	51717.13	0.01715	0.01737	0.0696	0.0707	0.10629	0.10548
0.10359	0.10277	606687.8	4201268	209730	0.01786	0.01808	0.07229	0.07346	0.10359	0.10277	606687.8	4201268	50765.48	0.01786	0.01808	0.07229	0.07346	0.10359	0.10277
0.101	0.10016	606707.8	4201268	188791.9	0.0186	0.01882	0.0751	0.07635	0.101	0.10016	606707.8	4201268	49797.21	0.0186	0.01882	0.0751	0.07635	0.101	0.10016
0.09845	0.09761	606727.8	4201268	170730.2	0.01941	0.01964	0.07818	0.07952	0.09845	0.09761	606727.8	4201268	48802.5	0.01941	0.01964	0.07818	0.07952	0.09845	0.09761

0.09598	0.09513	606747.8	4201268	155107.7	0.02031	0.02054	0.08152	0.08293	0.09598	0.09513	606747.8	4201268	47787.55	0.02031	0.02054	0.08152	0.08293	0.09598	0.09513
0.0936	0.09274	606767.8	4201268	141659.7	0.0212	0.02143	0.08494	0.08644	0.0936	0.09274	606767.8	4201268	46766.39	0.0212	0.02143	0.08494	0.08644	0.0936	0.09274
0.09127	0.09041	606787.8	4201268	129834.4	0.0222	0.02244	0.08869	0.09026	0.09127	0.09041	606787.8	4201268	45727.2	0.0222	0.02244	0.08869	0.09026	0.09127	0.09041
0.08901	0.08814	606807.8	4201268	119378.6	0.02334	0.02358	0.0928	0.09447	0.08901	0.08814	606807.8	4201268	44675.18	0.02334	0.02358	0.0928	0.09447	0.08901	0.08814
0.08681	0.08594	606827.8	4201268	110167.5	0.02456	0.0248	0.09723	0.0992	0.08681	0.08594	606827.8	4201268	43623.51	0.02456	0.0248	0.09723	0.0992	0.08681	0.08594
0.08468	0.08381	606847.8	4201268	101996.9	0.02623	0.02637	0.10229	0.10419	0.08468	0.08381	606847.8	4201268	42575.87	0.02623	0.02637	0.10229	0.10419	0.08468	0.08381
0.08261	0.08175	606867.8	4201268	94717.32	0.0278	0.02803	0.10732	0.10937	0.08261	0.08175	606867.8	4201268	41537.67	0.0278	0.02803	0.10732	0.10937	0.08261	0.08175
0.0806	0.07974	606887.8	4201268	88196.66	0.02944	0.02972	0.11291	0.11512	0.0806	0.07974	606887.8	4201268	40512.06	0.02944	0.02972	0.11291	0.11512	0.0806	0.07974
0.07865	0.0778	606907.8	4201268	82343.36	0.03115	0.03145	0.11917	0.12163	0.07865	0.0778	606907.8	4201268	39504.88	0.03115	0.03145	0.11917	0.12163	0.07865	0.0778
0.07676	0.07591	606927.8	4201268	77066.39	0.03304	0.03332	0.12613	0.12888	0.07676	0.07591	606927.8	4201268	38518.3	0.03304	0.03332	0.12613	0.12888	0.07676	0.07591
0.07492	0.07409	606947.8	4201268	72290.99	0.03513	0.03539	0.13391	0.137	0.07492	0.07409	606947.8	4201268	37554.25	0.03513	0.03539	0.13391	0.137	0.07492	0.07409
0.07314	0.07231	606967.8	4201268	67955.87	0.03747	0.03771	0.14263	0.14613	0.07314	0.07231	606967.8	4201268	36614.11	0.03747	0.03771	0.14263	0.14613	0.07314	0.07231
0.0714	0.07059	606987.8	4201268	64003.91	0.04013	0.04034	0.15242	0.15642	0.0714	0.07059	606987.8	4201268	35697.29	0.04013	0.04034	0.15242	0.15642	0.0714	0.07059
0.06971	0.06891	607007.8	4201268	60377.31	0.0432	0.04338	0.16384	0.16851	0.06971	0.06891	607007.8	4201268	34800.32	0.0432	0.04338	0.16384	0.16851	0.06971	0.06891
0.06807	0.06728	607027.8	4201268	57063.75	0.04663	0.0468	0.17687	0.18226	0.06807	0.06728	607027.8	4201268	33930.08	0.04663	0.0468	0.17687	0.18226	0.06807	0.06728
0.06649	0.06571	607047.8	4201268	54039.75	0.05034	0.05052	0.19158	0.19786	0.06649	0.06571	607047.8	4201268	33089.72	0.05034	0.05052	0.19158	0.19786	0.06649	0.06571
0.06495	0.06418	607067.8	4201268	51251.82	0.05448	0.05473	0.20872	0.21611	0.06495	0.06418	607067.8	4201268	32271.61	0.05448	0.05473	0.20872	0.21611	0.06495	0.06418
0.06347	0.06271	607087.8	4201268	48690.78	0.05889	0.05929	0.22864	0.23732	0.06347	0.06271	607087.8	4201268	31480.44	0.05889	0.05929	0.22864	0.23732	0.06347	0.06271
0.06202	0.06128	607107.8	4201268	46322.12	0.06363	0.0643	0.2523	0.26265	0.06202	0.06128	607107.8	4201268	30711.79	0.06363	0.0643	0.2523	0.26265	0.06202	0.06128
0.06062	0.05988	607127.8	4201268	44120.84	0.06877	0.06987	0.28122	0.29384	0.06062	0.05988	607127.8	4201268	29962.48	0.06877	0.06987	0.28122	0.29384	0.06062	0.05988
0.05925	0.05853	607147.8	4201268	42072.08	0.07429	0.07602	0.3174	0.33301	0.05925	0.05853	607147.8	4201268	29232.62	0.07429	0.07602	0.3174	0.33301	0.05925	0.05853
0.05793	0.05723	607167.8	4201268	40185	0.0796	0.08214	0.36108	0.3808	0.05793	0.05723	607167.8	4201268	28531.81	0.0796	0.08214	0.36108	0.3808	0.05793	0.05723
0.05665	0.05596	607187.8	4201268	38420.91	0.08527	0.08876	0.41782	0.44363	0.05665	0.05596	607187.8	4201268	27849.15	0.08527	0.08876	0.41782	0.44363	0.05665	0.05596
0.0554	0.05472	607207.8	4201268	36768.88	0.09163	0.09608	0.49431	0.52963	0.0554	0.05472	607207.8	4201268	27184.45	0.09163	0.09608	0.49431	0.52963	0.0554	0.05472
0.05419	0.05352	607227.8	4201268	35227.01	0.09881	0.10408	0.59971	0.6508	0.05419	0.05352	607227.8	4201268	26540.86	0.09881	0.10408	0.59971	0.6508	0.05419	0.05352
0.05302	0.05237	607247.8	4201268	33789.01	0.10703	0.11301	0.75095	0.82959	0.05302	0.05237	607247.8	4201268	25919.76	0.10703	0.11301	0.75095	0.82959	0.05302	0.05237
0.05188	0.05124	607267.8	4201268	32436.05	0.11727	0.12423	0.99142	1.12154	0.05188	0.05124	607267.8	4201268	25315.65	0.11727	0.12423	0.99142	1.12154	0.05188	0.05124
0.05078	0.05015	607287.8	4201268	31171.42	0.12866	0.13714	1.40498	1.65468	0.05078	0.05015	607287.8	4201268	24733.56	0.12866	0.13714	1.40498	1.65468	0.05078	0.05015
0.04971	0.04909	607307.8	4201268	29984.31	0.1417	0.15214	2.25491	2.83758	0.04971	0.04909	607307.8	4201268	24171.14	0.1417	0.15214	2.25491	2.83758	0.04971	0.04909
0.13232	0.1315	606527.8	4201288	670200.9	0.0131	0.01326	0.05561	0.05636	0.13232	0.1315	606527.8	4201288	55346.24	0.0131	0.01326	0.05561	0.05636	0.13232	0.1315
0.1287	0.12786	606547.8	4201288	576923.6	0.01354	0.0137	0.0573	0.05809	0.1287	0.12786	606547.8	4201288	54552.52	0.01354	0.0137	0.0573	0.05809	0.1287	0.12786
0.12523	0.12433	606567.8	4201288	466930.1	0.014	0.01417	0.05908	0.05991	0.12523	0.12433	606567.8	4201288	53749.87	0.014	0.01417	0.05908	0.05991	0.12523	0.12433
0.12184	0.12092	606587.8	4201288	392325.8	0.0145	0.01467	0.061	0.06188	0.12184	0.12092	606587.8	4201288	52931.31	0.0145	0.01467	0.061	0.06188	0.12184	0.12092
0.11858	0.11762	606607.8	4201288	337284.7	0.01502	0.0152	0.06301	0.06394	0.11858	0.11762	606607.8	4201288	52109.45	0.01502	0.0152	0.06301	0.06394	0.11858	0.11762
0.11541	0.11445	606627.8	4201288	294331.4	0.01556	0.01573	0.0651	0.06609	0.11541	0.11445	606627.8	4201288	51275.79	0.01556	0.01573	0.0651	0.06609	0.11541	0.11445
0.11234	0.11137	606647.8	4201288	259401.9	0.01612	0.0163	0.06733	0.06838	0.11234	0.11137	606647.8	4201288	50434.76	0.01612	0.0163	0.06733	0.06838	0.11234	0.11137
0.10936	0.10838	606667.8	4201288	230281.4	0.01675	0.01693	0.06976	0.07088	0.10936	0.10838	606667.8	4201288	49574.1	0.01675	0.01693	0.06976	0.07088	0.10936	0.10838
0.10648	0.10549	606687.8	4201288	205831.4	0.01742	0.0176	0.07237	0.07358	0.10648	0.10549	606687.8	4201288	48695.81	0.01742	0.0176	0.07237	0.07358	0.10648	0.10549
0.10366	0.10267	606707.8	4201288	184968.2	0.01817	0.01835	0.07525	0.07654	0.10366	0.10267	606707.8	4201288	47794.6	0.01817	0.01835	0.07525	0.07654	0.10366	0.10267
0.10095	0.09995	606727.8	4201288	167280.3	0.01893	0.01912	0.07825	0.07962	0.10095	0.09995	606727.8	4201288	46882.86	0.01893	0.01912	0.07825	0.07962	0.10095	0.09995
0.09831	0.09731	606747.8	4201288	151944.9	0.01979	0.01997	0.08154	0.083	0.09831	0.09731	606747.8	4201288	45948.94	0.01979	0.01997	0.08154	0.083	0.09831	0.09731
0.09576	0.09476	606767.8	4201288	138692.7	0.02069	0.02087	0.08501	0.08656	0.09576	0.09476	606767.8	4201288	45005.34	0.02069	0.02087	0.08501	0.08656	0.09576	0.09476
0.0933	0.0923	606787.8	4201288	127123.1	0.02165	0.02183	0.08872	0.09035	0.0933	0.0923	606787.8	4201288	44049.95	0.02165	0.02183	0.08872	0.09035	0.0933	0.0923
0.0909	0.08991	606807.8	4201288	116931.4	0.02272	0.0229	0.09275	0.09448	0.0909	0.08991	606807.8	4201288	43085.04	0.02272	0.0229	0.09275	0.09448	0.0909	0.08991
0.08857	0.08759	606827.8	4201288	107913.7	0.0239	0.02408	0.09715	0.09899	0.08857	0.08759	606827.8	4201288	42113.94	0.0239	0.02408	0.09715	0.09899	0.08857	0.08759
0.08631	0.08534	606847.8	4201288	99902.35	0.02551	0.02543	0.10235	0.10447	0.08631	0.08534	606847.8	4201288	41142.06	0.02551	0.02543	0.10235	0.10447	0.08631	0.08534
0.08413	0.08317	606867.8	4201288	92793.04	0.027	0.02717	0.1075	0.10962	0.08413	0.08317	606867.8	4201288	40180.32	0.027	0.02717	0.1075	0.10962	0.08413	0.08317
0.08202	0.08106	606887.8	4201288	86425.08	0.02857	0.02877	0.11309	0.11541	0.08202	0.08106	606887.8	4201288	39227.74	0.02857	0.02877	0.11309	0.11541	0.08202	0.08106
0.07996	0.07902	606907.8	4201288	80694.15	0.03027	0.03048	0.1193	0.12181	0.07996	0.07902	606907.8	4201288	38286.92	0.03027	0.03048	0.1193	0.12181	0.07996	0.07902
0.07797	0.07704	606927.8	4201288	75532.21	0.03213	0.03232	0.12631	0.12912	0.07797	0.07704	606927.8	4201288	37363.82	0.03213	0.03232	0.12631	0.12912	0.07797	0.07704
0.07604	0.07513	606947.8	4201288	70863.06	0.0342	0.03435	0.13415	0.13731	0.07604	0.07513	606947.8	4201288	36460.18	0.0342	0.03435	0.13415	0.13731	0.07604	0.07513
0.07418	0.07328	606967.8	4201288	66634.82	0.03648	0.03661	0.1428	0.14637	0.07418	0.07328	606967.8	4201288	35579.71	0.03648	0.03661	0.1428	0.14637	0.07418	0.07328
0.07237	0.07148	606987.8	4201288	62774.47	0.03907	0.03916	0.15272	0.15685	0.07237	0.07148	606987.8	4201288	34718.3	0.03907	0.03916	0.15272	0.15685	0.07237	0.07148
0.07061	0.06973	607007.8	4201288	59236.56	0.04203	0.04209	0.1642	0.16896	0.07061	0.06973	607007.8	4201288	33875.48	0.04203	0.04209	0.1642	0.16896	0.07061	0.06973
0.0689	0.06804	607027.8	4201288	56006.91	0.04527	0.04534	0.17727	0.18281	0.0689	0.06804	607027.8	4201288	33057.65	0.04527	0.04534	0.17727	0.18281	0.0689	0.06804
0.06726	0.06642	607047.8	4201288	53056.42	0.04874	0.04886	0.1921	0.19853	0.06726	0.06642	607047.8	4201288	32266.45	0.04874	0.04886	0.1921	0.19853	0.06726	0.06642
0.06567	0.06484	607067.8	4201288	50338.46	0.05252	0.05275	0.20939	0.21696	0.06567	0.06484	607067.8	4201288	31496.07	0.05252	0.05275	0.20939	0.21696	0.06567	0.06484
0.06412	0.06331	607087.8	4201288	47832.94	0.05654	0.05698	0.22969	0.23869	0.06412	0.06331	607087.8	4201288	30747.41	0.05654	0.05698	0.22969	0.23869	0.06412	0.06331
0.06263	0.06183	607107.8	4201288	45521.41	0.0607	0.06146	0.25367	0.26451	0.06263	0.06183	607107.8	4201288	30021.4	0.0607	0.06146	0.25367	0.26451	0.06263	0.06183
0.06117	0.06039	607127.8	4201288	43366.24	0.0652	0.06644	0.28345	0.29666	0.06117	0.06039	607127.8	4201288	29310.07	0.0652	0.06644	0.28345	0.29666	0.06117	0.06039
0.05976	0.05899	607147.8	4201288	41366.34	0.06983	0.07172	0.32028	0.33677	0.05976	0.05899	607147.8	4201288	28618.72	0.06983	0.07172	0.32028	0.33677	0.05976	0.05899
0.0584	0.05765	607167.8	4201288	39518.05	0.07433	0.07696	0.36549	0.38646	0.0584	0.05765	607167.8	4201288	27951.61	0.07433	0.07696	0.36549	0.38646	0.0584	0.05765
0.05708	0.05635	607187.8	4201288	37801.46	0.07884	0.0822	0.42267	0.44996	0.05708	0.05635	607187.8	4201288	27305.66	0.07884	0.0822	0.42267	0.44996	0.05708	0.05635
0.0558	0.05508	607207.8	4201288	36192.16	0.08401	0.088	0.49968	0.53676	0.0558	0.05508	607207.8	4201288	26674.92	0.08401	0.088	0.49968	0.53676	0.0558	0.05508
0.05456	0.05385	607227.8	4201288	34682.29	0.09031	0.0948	0.60809	0.66023	0.05456	0.05385	607227.8	4201288	26059.7	0.09031	0.0948	0.60809	0.66023	0.05456	0.05385
0.05335	0.05266	607247.8	4201288	33275.26	0.09736	0.10242	0.76149	0.83973	0.05335	0.05266	607247.8	4201288	25465.76	0.09736	0.10242	0.76149	0.83973	0.05335	0.05266
0.05219	0.05152	607267.8	4201288	31959.49	0.10543	0.11128	0.9991	1.12983	0.05219	0.05152	607267.8	4201288	24891.1	0.10543	0.11128	0.9991	1.12983	0.05219	0.05152
0.05106	0.0504	607287.8	4201288	30722.26	0.11476	0.12172	1.41168	1.66418	0.05106	0.0504	607287.8	4201288	24332.79	0.11476	0.12172	1.41168	1.66418	0.05106	0.0504
0.04997	0.04932	607307.8	4201288	29561.25	0.12528	0.13368	2.25161	2.84877	0.04997	0.04932	607307.8	4201288	23792.7	0.12528	0.13368	2.25161	2.84877	0.04997	0.04932
0.13724	0.13615	606527.8	4201308	666405.3	0.01275	0.0129	0.05564	0.05641	0.13724	0.13615	606527.8	4201308	52989.83	0.01275	0.0129	0.05564	0.05641	0.13724	0.13615
0.13328	0.13217	606547.8	4201308	573935	0.01319	0.01333	0.05734	0.05815	0.13328	0.13217	606547.8	4201308	52246.57	0.01319	0.01333	0.05734	0.05815	0.13328	0.13217
0.12946	0.12832	606567.8	4201308	461326.2	0.01367	0.01382	0.05922	0.06007	0.12946	0.12832	606567.8	4201308	51488.57	0.01367	0.01382	0.05922	0.06007	0.12946	0.12832
0.12579	0.12462	606587.8	4201308	385555.5	0.01419	0.01434	0.06119	0.06209	0.12579	0.12462	606587.8	4201308	50718.6	0.01419	0.01434	0.06119	0.06209	0.12579	0.12462
0.12225	0.12108	606607.8	4201308	330511.3	0.01469	0.01484	0.06316	0.06412	0.12225	0.12108	606607.8	4201308	49952.5	0.01469	0.01484	0.06316	0.06412	0.12225	0.12108
0.11881	0.11764	606627.8	4201308	287222	0.01525	0.0154	0.06534	0.06635	0.11881	0.11764	606627.8	4201308	49166.76	0.01525	0.0154	0.06534	0.06635	0.11881	0.11764
0.1155	0.11433	606647.8	4201308	252604.7	0.01582	0.01597	0.06758	0.06866	0.1155	0.11433	606647.8	4201308	48380.16	0.01582	0.01597	0.06758	0.06866	0.1155	0.11433
0.11231	0.11113	606667.8	4201308	224177.2	0.01641	0.01656	0.06994	0.07109	0.11231	0.11113	606667.8	4201308	47583.14	0.01641	0.01656	0.06994	0.07109	0.11231	0.11113
0.10921	0.10804	606687.8	4201308	200335.1	0.01705	0.0172	0.07249	0.07372	0.10921	0.10804	606687.8	4201308	46770.2	0.01705	0.0172	0.07249	0.07372	0.10921	0.10804
0.10622	0.10505	606707.8	4201308	180076.3	0.01776	0.01791	0.07529	0.07661	0.10622	0.10505	606707.8	4201308	45938.8	0.01776	0.01791	0.07529	0.07661	0.10622	0.10505
0.10332	0.10216	606727.8	4201308	162814.7	0.01852	0.01866	0.07828	0.07969	0.10332	0.10216	606727.8	4201308	45093.61	0.01852	0.01866	0.07828	0.07969	0.10332	0.10216
0.10051	0.09936	606747.8	4201308	147869.8	0.01937	0.01952	0.08159	0.08309	0.10051	0.09936	606747.8	4201308	44227.51	0.01937	0.01952	0.08159	0.08309	0.10051	0.09936
0.09781	0.09667	606767.8	4201308	135033.5	0.02024	0.02038	0.08502	0.08661	0.09781	0.09667	606767.8	4201308	43357.16	0.02024	0.02038	0.08502	0.08661	0.09781	0.09667
0.0952	0.09407	606787.8	4201308	123834.2	0.02118	0.02131	0.08869	0.09037	0.0952	0.09407	606787.8	4201308	42475.98	0.02118	0.02131	0.08869	0.09037	0.0952	0.09407
0.09267	0.09156	606807.8	4201308	113985.8	0.02219	0.02232	0.09265	0.09444	0.09267	0.09156	606807.8	4201308	41586.95	0.02219	0.02232	0.09265	0.09444	0.09267	0.09156
0.09022	0.08912	606827.8	4201308	105233.4	0.02335	0.02347	0.09707	0.09897	0.09022	0.08912	606827.8	4201308	40686.55	0.02335	0.02347	0.09707	0.09897	0.09022	0.08912
0.08784	0.08676	606847.8	4201308	97491.96	0.02462	0.02473	0.10209	0.1044	0.08784	0.08676	606847.8	4201308	39788.5	0.02462	0.02473	0.10209	0.1044	0.08784	0.08676
0.08555	0.08448	606867.8	4201308	90584.56	0.02633	0.02643	0.10761	0.10976	0.08555	0.08448	606867.8	4201308	38892.57	0.02633	0.02643	0.10761	0.10976	0.08555	0.08448
0.08333	0.08228	606887.8	4201308	84418.49	0.02781	0.02794	0.11314	0.11546	0.08333	0.08228	606887.8	4201308	38006.86	0.02781	0.02794	0.11314	0.11546	0.08333	0.08228
0.08118	0.08015	606907.8	4201308	78861.67	0.02949	0.02962	0.11924	0.1218	0.08118	0.08015	606907.8	4201308	37129.26	0.02949	0.02962	0.11924	0.1218	0.08118	0.08015
0.0791	0.07809	606927.8	4201308	73854.74	0.03131	0.0314	0.1262	0.12906	0.0791	0.07809	606927.8	4201308	36266.39	0.03131	0.0314	0.1262	0.12906	0.0791	0.07809
0.07708	0.07609	606947.8	4201308	69308.92	0.03336	0.03342	0.13407	0.13732	0.07708	0.07609	606947.8	4201308	35416.61	0.03336	0.03342	0.13407	0.13732	0.07708	0.07609
0.07514	0.07416	606967.8	4201308	65206.26	0.03558	0.03561	0.14273	0.14635	0.07514	0.07416	606967.8	4201308	34590.75	0.03558	0.03561	0.14273	0.14635	0.07514	0.07416
0.07325	0.07229	606987.8	4201308	61441.9	0.03814	0.03815	0.15277	0.15694	0.07325	0.07229	606987.8	4201308	33776.91	0.03814	0.03815	0.15277	0.15694	0.07325	0.07229
0.07142	0.07048	607007.8	4201308	58011.76	0.04095	0.04094	0.16423	0.16903	0.07142	0.07048	607007.8	4201308	32985.07	0.04095	0.04094	0.16423	0.16903	0.07142	0.07048
0.06966	0.06873	607027.8	4201308	54877.04	0.04399	0.04401	0.17722	0.18282	0.06966	0.06873	607027.8	4201308	32215.4	0.04399	0.04401	0.17722	0.18282	0.06966	0.06873
0.06796	0.06705	607047.8	4201308	52012.01	0.04718	0.04728	0.19205	0.19855	0.06796	0.06705	607047.8	4201308	31470.16	0.04718	0.04728	0.19205	0.19855	0.06796	0.06705
0.06631	0.06542	607067.8	4201308	49364.36	0.05063	0.0509	0.20959	0.21719	0.06631	0.06542	607067.8	4201308	30741.38	0.05063	0.0509	0.20959	0.21719	0.06631	0.06542
0.06471	0.06384	607087.8	4201308	46925.28	0.05421	0.05474	0.2301	0.23926	0.06471	0.06384	607087.8	4201308	30033.43	0.05421	0.05474	0.2301	0.23926	0.06471	0.06384
0.06316	0.06231	607107.8	4201308	44661.53	0.05798	0.05888	0.25498	0.2661	0.06316	0.06231	607107.8	4201308	29341.44	0.05798	0.05888	0.25498	0.2661	0.06316	0.06231
0.06166	0.06083	607127.8	4201308	42571.33	0.06171	0.06311	0.2848	0.29851	0.06166	0.06083	607127.8	4201308	28670.51	0.06171	0.06311	0.2848	0.29851	0.06166	0.06083
0.06021	0.0594	607147.8	4201308	40623.32	0.06559	0.06759	0.32225	0.33948	0.06021	0.0594	607147.8	4201308	28014.78	0.06559	0.06759	0.32225	0.33948	0.06021	0.0594
0.0588	0.05801	607167.8	4201308	38813.19	0.06957	0.07219	0.36946	0.3914	0.0588	0.05801	607167.8	4201308	27377.37	0.06957	0.07219	0.36946	0.3914	0.0588	0.05801
0.05745	0.05668	607187.8	4201308	37143.05	0.07334	0.07647	0.42761	0.4563	0.05745	0.05668	607187.8	4201308	26764.65	0.07334	0.07647	0.42761	0.4563	0.05745	0.05668
0.05614	0.05538	607207.8	4201308	35579.21	0.07769	0.0812	0.50504	0.54345	0.05614	0.05538	607207.8	4201308	26166.59	0.07769	0.0812	0.50504	0.54345	0.05614	0.05538
0.05487	0.05413	607227.8	4201308	34109.76	0.08284	0.08675	0.61169	0.66554	0.05487	0.05413	607227.8	4201308	25581.49	0.08284	0.08675	0.61169	0.66554	0.05487	0.05413
0.05364	0.05291	607247.8	4201308	32738.21	0.08878	0.09309	0.76579	0.84623	0.05364	0.05291	607247.8	4201308	25014.89	0.08878	0.09309	0.76579	0.84623	0.05364	0.05291
0.05245	0.05174	607267.8	4201308	31455.94	0.09557	0.10049	1.00584	1.13766	0.05245	0.05174	607267.8	4201308	24466.16	0.09557	0.10049	1.00584	1.13766	0.05245	0.05174
0.0513	0.0506	607287.8	4201308	30251.5	0.10327	0.10905	1.42235	1.67258	0.0513	0.0506	607287.8	4201308	23933.19	0.10327	0.10905	1.42235	1.67258	0.0513	0.0506
0.05018	0.04951	607307.8	4201308	29119.68	0.11189	0.11877	2.26925	2.85812	0.05018	0.04951	607307.8	4201308	23416.12	0.11189	0.11877	2.26925	2.85812	0.05018	0.04951
0.142	0.14062	606527.8	4201328	655173.6	0.01245	0.01257	0.0557	0.05649	0.142	0.14062	606527.8	4201328	50796.01	0.01245	0.01257	0.0557	0.05649	0.142	0.14062
0.13768	0.13631	606547.8	4201328	562903.6	0.01289	0.01302	0.05746	0.05829	0.13768	0.13631	606547.8	4201328	50096.58	0.01289	0.01302	0.05746	0.05829	0.13768	0.13631
0.13355	0.13215	606567.8	4201328	450273.9	0.01339	0.01352	0.05938	0.06026	0.13355	0.13215	606567.8	4201328	49383.75	0.01339	0.01352	0.05938	0.06026	0.13355	0.13215
0.12955	0.12815	606587.8	4201328	373929.6	0.01394	0.01407	0.06147	0.06239	0.12955	0.12815	606587.8	4201328	48653.4	0.01394	0.01407	0.06147	0.06239	0.12955	0.12815
0.12569	0.1243	606607.8	4201328	318489.2	0.01451	0.01464	0.06362	0.06459	0.12569	0.1243	606607.8	4201328	47921.55	0.01451	0.01464	0.06362	0.06459	0.12569	0.1243
0.122	0.12061	606627.8	4201328	276391.7	0.01506	0.01519	0.06577	0.0668	0.122	0.12061	606627.8	4201328	47187.42	0.01506	0.01519	0.06577	0.0668	0.122	0.12061
0.11846	0.11709	606647.8	4201328	243198.3	0.0156	0.01572	0.06794	0.06904	0.11846	0.11709	606647.8	4201328	46459.4	0.0156	0.01572	0.06794	0.06904	0.11846	0.11709
0.11506	0.1137	606667.8	4201328	215938.6	0.01617	0.01629	0.07025	0.07142	0.11506	0.1137	606667.8	4201328	45720.32	0.01617	0.01629	0.07025	0.07142	0.11506	0.1137
0.11178	0.11044	606687.8	4201328	193165.8	0.01677	0.01689	0.07273	0.07398	0.11178	0.11044	606687.8	4201328	44968.53	0.01677	0.01689	0.07273	0.07398	0.11178	0.11044

0.10863	0.1073	606707.8	4201328	173992.4	0.01741	0.01752	0.07533	0.07667	0.10863	0.1073	606707.8	4201328	44207.13	0.01741	0.01752	0.07533	0.07667	0.10863	0.1073
0.10555	0.10424	606727.8	4201328	157402.6	0.01816	0.01826	0.0783	0.07974	0.10555	0.10424	606727.8	4201328	43422.25	0.01816	0.01826	0.0783	0.07974	0.10555	0.10424
0.10259	0.1013	606747.8	4201328	143136.3	0.01897	0.01907	0.08151	0.08304	0.10259	0.1013	606747.8	4201328	42623.25	0.01897	0.01907	0.08151	0.08304	0.10259	0.1013
0.09972	0.09845	606767.8	4201328	130733	0.01987	0.01997	0.08504	0.08666	0.09972	0.09845	606767.8	4201328	41810.02	0.01987	0.01997	0.08504	0.08666	0.09972	0.09845
0.09696	0.09571	606787.8	4201328	119976.2	0.0208	0.02089	0.08873	0.09046	0.09696	0.09571	606787.8	4201328	40991.05	0.0208	0.02089	0.08873	0.09046	0.09696	0.09571
0.09431	0.09308	606807.8	4201328	110557	0.02179	0.02187	0.09265	0.09448	0.09431	0.09308	606807.8	4201328	40168.73	0.02179	0.02187	0.09265	0.09448	0.09431	0.09308
0.09174	0.09053	606827.8	4201328	102206.8	0.02288	0.02295	0.09694	0.09893	0.09174	0.09053	606827.8	4201328	39338.4	0.02288	0.02295	0.09694	0.09893	0.09174	0.09053
0.08926	0.08807	606847.8	4201328	94776.44	0.02411	0.02417	0.10191	0.10429	0.08926	0.08807	606847.8	4201328	38504.29	0.02411	0.02417	0.10191	0.10429	0.08926	0.08807
0.08686	0.08569	606867.8	4201328	88147.27	0.02571	0.02574	0.10746	0.10968	0.08686	0.08569	606867.8	4201328	37671.98	0.02571	0.02574	0.10746	0.10968	0.08686	0.08569
0.08454	0.08339	606887.8	4201328	82201.92	0.0272	0.02727	0.11306	0.11544	0.08454	0.08339	606887.8	4201328	36843.92	0.0272	0.02727	0.11306	0.11544	0.08454	0.08339
0.0823	0.08118	606907.8	4201328	76864.52	0.02883	0.02886	0.11913	0.12173	0.0823	0.08118	606907.8	4201328	36026.34	0.02883	0.02886	0.11913	0.12173	0.0823	0.08118
0.08014	0.07904	606927.8	4201328	72037.08	0.03061	0.03061	0.12598	0.12886	0.08014	0.07904	606927.8	4201328	35218.3	0.03061	0.03061	0.12598	0.12886	0.08014	0.07904
0.07804	0.07696	606947.8	4201328	67657.2	0.0326	0.03258	0.13377	0.137	0.07804	0.07696	606947.8	4201328	34422.37	0.0326	0.03258	0.13377	0.137	0.07804	0.07696
0.07602	0.07496	606967.8	4201328	63677.18	0.0348	0.03475	0.14243	0.14612	0.07602	0.07496	606967.8	4201328	33641.98	0.0348	0.03475	0.14243	0.14612	0.07602	0.07496
0.07406	0.07303	606987.8	4201328	60051.73	0.03721	0.03716	0.15239	0.15657	0.07406	0.07303	606987.8	4201328	32879.16	0.03721	0.03716	0.15239	0.15657	0.07406	0.07303
0.07217	0.07116	607007.8	4201328	56729.36	0.03988	0.03984	0.16379	0.16859	0.07217	0.07116	607007.8	4201328	32131.56	0.03988	0.03984	0.16379	0.16859	0.07217	0.07116
0.07034	0.06935	607027.8	4201328	53685.69	0.04275	0.04277	0.17685	0.18242	0.07034	0.06935	607027.8	4201328	31402.51	0.04275	0.04277	0.17685	0.18242	0.07034	0.06935
0.06859	0.06762	607047.8	4201328	50916.43	0.04563	0.04577	0.19152	0.19799	0.06859	0.06762	607047.8	4201328	30700.42	0.04563	0.04577	0.19152	0.19799	0.06859	0.06762
0.06688	0.06594	607067.8	4201328	48349.5	0.04871	0.04906	0.20906	0.21661	0.06688	0.06594	607067.8	4201328	30011.24	0.04871	0.04906	0.20906	0.21661	0.06688	0.06594
0.06523	0.06431	607087.8	4201328	45969.85	0.05195	0.0526	0.23008	0.23923	0.06523	0.06431	607087.8	4201328	29336.34	0.05195	0.0526	0.23008	0.23923	0.06523	0.06431
0.06363	0.06273	607107.8	4201328	43772.86	0.05518	0.05623	0.25517	0.2664	0.06363	0.06273	607107.8	4201328	28680.65	0.05518	0.05623	0.25517	0.2664	0.06363	0.06273
0.06208	0.0612	607127.8	4201328	41729.43	0.05852	0.06006	0.28624	0.30028	0.06208	0.0612	607127.8	4201328	28039.05	0.05852	0.06006	0.28624	0.30028	0.06208	0.0612
0.06058	0.05973	607147.8	4201328	39832.4	0.06182	0.06393	0.32419	0.34159	0.06058	0.05973	607147.8	4201328	27414.45	0.06182	0.06393	0.32419	0.34159	0.06058	0.05973
0.05914	0.0583	607167.8	4201328	38071.81	0.06493	0.06751	0.37016	0.39253	0.05914	0.0583	607167.8	4201328	26808.06	0.06493	0.06751	0.37016	0.39253	0.05914	0.0583
0.05776	0.05694	607187.8	4201328	36452.23	0.06815	0.07106	0.42831	0.45782	0.05776	0.05694	607187.8	4201328	26227.34	0.06815	0.07106	0.42831	0.45782	0.05776	0.05694
0.05642	0.05563	607207.8	4201328	34939.89	0.07184	0.07496	0.50495	0.5451	0.05642	0.05563	607207.8	4201328	25662.18	0.07184	0.07496	0.50495	0.5451	0.05642	0.05563
0.05513	0.05435	607227.8	4201328	33515.65	0.07625	0.07957	0.61066	0.66734	0.05513	0.05435	607227.8	4201328	25107.33	0.07625	0.07957	0.61066	0.66734	0.05513	0.05435
0.05387	0.05312	607247.8	4201328	32182.96	0.08136	0.08502	0.76392	0.84844	0.05387	0.05312	607247.8	4201328	24568.05	0.08136	0.08502	0.76392	0.84844	0.05387	0.05312
0.05266	0.05192	607267.8	4201328	30933.66	0.08714	0.09133	1.00369	1.14056	0.05266	0.05192	607267.8	4201328	24043.62	0.08714	0.09133	1.00369	1.14056	0.05266	0.05192
0.05149	0.05077	607287.8	4201328	29766.31	0.0936	0.09844	1.42281	1.67688	0.05149	0.05077	607287.8	4201328	23536.97	0.0936	0.09844	1.42281	1.67688	0.05149	0.05077
0.05035	0.04965	607307.8	4201328	28662.96	0.10081	0.1065	2.28533	2.86435	0.05035	0.04965	607307.8	4201328	23041.53	0.10081	0.1065	2.28533	2.86435	0.05035	0.04965
0.14657	0.1449	606527.8	4201348	636453.3	0.01219	0.0123	0.05583	0.05664	0.14657	0.1449	606527.8	4201348	48745.47	0.01219	0.0123	0.05583	0.05664	0.14657	0.1449
0.1419	0.14022	606547.8	4201348	543958.8	0.01269	0.0128	0.05776	0.05861	0.1419	0.14022	606547.8	4201348	48079.83	0.01269	0.0128	0.05776	0.05861	0.1419	0.14022
0.13739	0.13574	606567.8	4201348	431197.6	0.01325	0.01336	0.05986	0.06075	0.13739	0.13574	606567.8	4201348	47396.22	0.01325	0.01336	0.05986	0.06075	0.13739	0.13574
0.13307	0.13143	606587.8	4201348	356431.6	0.01381	0.01392	0.06196	0.0629	0.13307	0.13143	606587.8	4201348	46707.74	0.01381	0.01392	0.06196	0.0629	0.13307	0.13143
0.12892	0.12731	606607.8	4201348	302842.6	0.01438	0.01449	0.0641	0.06509	0.12892	0.12731	606607.8	4201348	46020.01	0.01438	0.01449	0.0641	0.06509	0.12892	0.12731
0.12499	0.1234	606627.8	4201348	262818.3	0.01492	0.01502	0.06622	0.06728	0.12499	0.1234	606627.8	4201348	45336.98	0.01492	0.01502	0.06622	0.06728	0.12499	0.1234
0.12124	0.11967	606647.8	4201348	231433.7	0.01544	0.01555	0.06837	0.06949	0.12124	0.11967	606647.8	4201348	44659.49	0.01544	0.01555	0.06837	0.06949	0.12124	0.11967
0.11764	0.11609	606667.8	4201348	205800.1	0.016	0.0161	0.07065	0.07185	0.11764	0.11609	606667.8	4201348	43972.79	0.016	0.0161	0.07065	0.07185	0.11764	0.11609
0.11416	0.11264	606687.8	4201348	184409.9	0.0166	0.01669	0.0731	0.07438	0.11416	0.11264	606687.8	4201348	43274.14	0.0166	0.01669	0.0731	0.07438	0.11416	0.11264
0.11084	0.10935	606707.8	4201348	166501.2	0.0172	0.01728	0.07563	0.07699	0.11084	0.10935	606707.8	4201348	42571.45	0.0172	0.01728	0.07563	0.07699	0.11084	0.10935
0.10763	0.10617	606727.8	4201348	151101.3	0.01787	0.01794	0.07838	0.07984	0.10763	0.10617	606727.8	4201348	41853.34	0.01787	0.01794	0.07838	0.07984	0.10763	0.10617
0.10453	0.10309	606747.8	4201348	137749.8	0.01861	0.01868	0.08142	0.08298	0.10453	0.10309	606747.8	4201348	41118.91	0.01861	0.01868	0.08142	0.08298	0.10453	0.10309
0.10151	0.1001	606767.8	4201348	125982	0.0195	0.01957	0.08494	0.0866	0.10151	0.1001	606767.8	4201348	40361.91	0.0195	0.01957	0.08494	0.0866	0.10151	0.1001
0.09861	0.09723	606787.8	4201348	115751.1	0.02044	0.02049	0.08867	0.09043	0.09861	0.09723	606787.8	4201348	39598.65	0.02044	0.02049	0.08867	0.09043	0.09861	0.09723
0.09581	0.09446	606807.8	4201348	106741.6	0.02149	0.02153	0.09296	0.0951	0.09581	0.09446	606807.8	4201348	38825.84	0.02149	0.02153	0.09296	0.0951	0.09581	0.09446
0.09314	0.09181	606827.8	4201348	98853.98	0.02253	0.02256	0.09714	0.09941	0.09314	0.09181	606827.8	4201348	38058.34	0.02253	0.02256	0.09714	0.09941	0.09314	0.09181
0.09055	0.08926	606847.8	4201348	91819.6	0.02384	0.02371	0.1018	0.1042	0.09055	0.08926	606847.8	4201348	37286.46	0.02384	0.02371	0.1018	0.1042	0.09055	0.08926
0.08805	0.08678	606867.8	4201348	85503.1	0.02522	0.02522	0.10725	0.1095	0.08805	0.08678	606867.8	4201348	36510.95	0.02522	0.02522	0.10725	0.1095	0.08805	0.08678
0.08564	0.0844	606887.8	4201348	79832.26	0.02666	0.02666	0.11285	0.11528	0.08564	0.0844	606887.8	4201348	35738.64	0.02666	0.02666	0.11285	0.11528	0.08564	0.0844
0.08332	0.08211	606907.8	4201348	74730.79	0.02825	0.02822	0.11889	0.12153	0.08332	0.08211	606907.8	4201348	34974.32	0.02825	0.02822	0.11889	0.12153	0.08332	0.08211
0.08107	0.07989	606927.8	4201348	70107.75	0.03	0.02994	0.12572	0.12863	0.08107	0.07989	606927.8	4201348	34217.32	0.03	0.02994	0.12572	0.12863	0.08107	0.07989
0.07891	0.07775	606947.8	4201348	65913.52	0.03192	0.03183	0.13336	0.1366	0.07891	0.07775	606947.8	4201348	33471.64	0.03192	0.03183	0.13336	0.1366	0.07891	0.07775
0.07681	0.07569	606967.8	4201348	62090.32	0.03403	0.03394	0.14196	0.14567	0.07681	0.07569	606967.8	4201348	32737.74	0.03403	0.03394	0.14196	0.14567	0.07681	0.07569
0.0748	0.0737	606987.8	4201348	58608.38	0.0363	0.03622	0.15161	0.15573	0.0748	0.0737	606987.8	4201348	32020.59	0.0363	0.03622	0.15161	0.15573	0.0748	0.0737
0.07284	0.07177	607007.8	4201348	55412.18	0.03876	0.03873	0.16282	0.16757	0.07284	0.07177	607007.8	4201348	31316.39	0.03876	0.03873	0.16282	0.16757	0.07284	0.07177
0.07094	0.0699	607027.8	4201348	52453.58	0.04148	0.04154	0.17606	0.18158	0.07094	0.0699	607027.8	4201348	30620.73	0.04148	0.04154	0.17606	0.18158	0.07094	0.0699
0.06913	0.06811	607047.8	4201348	49766.37	0.04414	0.04437	0.19085	0.19724	0.06913	0.06811	607047.8	4201348	29952.24	0.04414	0.04437	0.19085	0.19724	0.06913	0.06811
0.06736	0.06637	607067.8	4201348	47267.37	0.04699	0.04746	0.20884	0.21633	0.06736	0.06637	607067.8	4201348	29293.14	0.04699	0.04746	0.20884	0.21633	0.06736	0.06637
0.06566	0.0647	607087.8	4201348	44966.06	0.04982	0.05061	0.23002	0.23917	0.06566	0.0647	607087.8	4201348	28653	0.04982	0.05061	0.23002	0.23917	0.06566	0.0647
0.06402	0.06308	607107.8	4201348	42837.3	0.05263	0.05382	0.25556	0.26683	0.06402	0.06308	607107.8	4201348	28029.71	0.05263	0.05382	0.25556	0.26683	0.06402	0.06308
0.06243	0.06151	607127.8	4201348	40852.02	0.05542	0.05709	0.28654	0.30036	0.06243	0.06151	607127.8	4201348	27417.8	0.05542	0.05709	0.28654	0.30036	0.06243	0.06151
0.0609	0.06	607147.8	4201348	39019.75	0.05793	0.06	0.32315	0.34048	0.0609	0.06	607147.8	4201348	26826.73	0.05793	0.06	0.32315	0.34048	0.0609	0.06
0.05942	0.05855	607167.8	4201348	37319.05	0.06049	0.06286	0.36845	0.3908	0.05942	0.05855	607167.8	4201348	26253.03	0.06049	0.06286	0.36845	0.3908	0.05942	0.05855
0.05801	0.05716	607187.8	4201348	35744.06	0.06332	0.06588	0.42602	0.45569	0.05801	0.05716	607187.8	4201348	25699.15	0.06332	0.06588	0.42602	0.45569	0.05801	0.05716
0.05665	0.05583	607207.8	4201348	34280.85	0.0666	0.06928	0.5016	0.54242	0.05665	0.05583	607207.8	4201348	25163.59	0.0666	0.06928	0.5016	0.54242	0.05665	0.05583
0.05533	0.05453	607227.8	4201348	32904.57	0.07048	0.07331	0.60518	0.66373	0.05533	0.05453	607227.8	4201348	24638.33	0.07048	0.07331	0.60518	0.66373	0.05533	0.05453
0.05406	0.05327	607247.8	4201348	31610.29	0.07492	0.07805	0.75487	0.84369	0.05406	0.05327	607247.8	4201348	24124.45	0.07492	0.07805	0.75487	0.84369	0.05406	0.05327
0.05282	0.05206	607267.8	4201348	30399.03	0.07989	0.08345	0.98814	1.13428	0.05282	0.05206	607267.8	4201348	23625.53	0.07989	0.08345	0.98814	1.13428	0.05282	0.05206
0.05164	0.05089	607287.8	4201348	29266.53	0.08538	0.08949	1.39543	1.6688	0.05164	0.05089	607287.8	4201348	23143.01	0.08538	0.08949	1.39543	1.6688	0.05164	0.05089
0.05048	0.04976	607307.8	4201348	28194.3	0.09148	0.09625	2.23712	2.85457	0.05048	0.04976	607307.8	4201348	22669.62	0.09148	0.09625	2.23712	2.85457	0.05048	0.04976
0.15086	0.14887	606527.8	4201368	605870.1	0.01208	0.01217	0.0563	0.05714	0.15086	0.14887	606527.8	4201368	46806.86	0.01208	0.01217	0.0563	0.05714	0.15086	0.14887
0.14578	0.14383	606547.8	4201368	514296.9	0.01266	0.01275	0.05846	0.05933	0.14578	0.14383	606547.8	4201368	46159.07	0.01266	0.01275	0.05846	0.05933	0.14578	0.14383
0.14094	0.13902	606567.8	4201368	405000.2	0.0132	0.01329	0.06049	0.0614	0.14094	0.13902	606567.8	4201368	45517.07	0.0132	0.01329	0.06049	0.0614	0.14094	0.13902
0.13635	0.13448	606587.8	4201368	334137.8	0.01372	0.01381	0.06246	0.06349	0.13635	0.13448	606587.8	4201368	44881.29	0.01372	0.01381	0.06246	0.06349	0.13635	0.13448
0.13198	0.13014	606607.8	4201368	284100	0.01451	0.01458	0.06489	0.06589	0.13198	0.13014	606607.8	4201368	44244.58	0.01451	0.01458	0.06489	0.06589	0.13198	0.13014
0.12778	0.12598	606627.8	4201368	246455.2	0.01517	0.01528	0.0671	0.06816	0.12778	0.12598	606627.8	4201368	43597.18	0.01517	0.01528	0.0671	0.06816	0.12778	0.12598
0.1238	0.12203	606647.8	4201368	217322.4	0.01573	0.01584	0.06932	0.07044	0.1238	0.12203	606647.8	4201368	42959.21	0.01573	0.01584	0.06932	0.07044	0.1238	0.12203
0.12	0.11827	606667.8	4201368	193941.2	0.01626	0.01636	0.0716	0.07279	0.12	0.11827	606667.8	4201368	42323.52	0.01626	0.01636	0.0716	0.07279	0.12	0.11827
0.11637	0.11467	606687.8	4201368	174489.5	0.01678	0.01687	0.074	0.07529	0.11637	0.11467	606687.8	4201368	41680.35	0.01678	0.01687	0.074	0.07529	0.11637	0.11467
0.11288	0.11122	606707.8	4201368	158019.6	0.01732	0.01735	0.07652	0.07789	0.11288	0.11122	606707.8	4201368	41027.91	0.01732	0.01735	0.07652	0.07789	0.11288	0.11122
0.10954	0.10792	606727.8	4201368	144018	0.01766	0.01771	0.07861	0.0801	0.10954	0.10792	606727.8	4201368	40372.75	0.01766	0.01771	0.07861	0.0801	0.10954	0.10792
0.10631	0.10473	606747.8	4201368	131745.9	0.01834	0.01838	0.08145	0.08304	0.10631	0.10473	606747.8	4201368	39698.94	0.01834	0.01838	0.08145	0.08304	0.10631	0.10473
0.10317	0.10163	606767.8	4201368	120844.3	0.01917	0.0192	0.0848	0.08649	0.10317	0.10163	606767.8	4201368	39000.19	0.01917	0.0192	0.0848	0.08649	0.10317	0.10163
0.10012	0.09861	606787.8	4201368	111190.5	0.02013	0.02015	0.08865	0.09056	0.10012	0.09861	606787.8	4201368	38283.94	0.02013	0.02015	0.08865	0.09056	0.10012	0.09861
0.0972	0.09573	606807.8	4201368	102735.8	0.02135	0.02131	0.09321	0.09512	0.0972	0.09573	606807.8	4201368	37564.52	0.02135	0.02131	0.09321	0.09512	0.0972	0.09573
0.09441	0.09297	606827.8	4201368	95291.63	0.02241	0.02241	0.09748	0.09948	0.09441	0.09297	606827.8	4201368	36847.08	0.02241	0.02241	0.09748	0.09948	0.09441	0.09297
0.09171	0.09031	606847.8	4201368	88632.39	0.02359	0.02359	0.10215	0.10429	0.09171	0.09031	606847.8	4201368	36123.94	0.02359	0.02359	0.10215	0.10429	0.09171	0.09031
0.08912	0.08776	606867.8	4201368	82673.76	0.02486	0.02485	0.10718	0.10946	0.08912	0.08776	606867.8	4201368	35401.64	0.02486	0.02485	0.10718	0.10946	0.08912	0.08776
0.08662	0.08529	606887.8	4201368	77302.68	0.02629	0.02624	0.11269	0.1151	0.08662	0.08529	606887.8	4201368	34679.84	0.02629	0.02624	0.11269	0.1151	0.08662	0.08529
0.08422	0.08292	606907.8	4201368	72459.72	0.02782	0.02774	0.11872	0.12139	0.08422	0.08292	606907.8	4201368	33964.36	0.02782	0.02774	0.11872	0.12139	0.08422	0.08292
0.0819	0.08064	606927.8	4201368	68068.31	0.02951	0.02941	0.12543	0.12837	0.0819	0.08064	606927.8	4201368	33255.86	0.02951	0.02941	0.12543	0.12837	0.0819	0.08064
0.07967	0.07844	606947.8	4201368	64074.94	0.03135	0.03123	0.13292	0.13624	0.07967	0.07844	606947.8	4201368	32556.67	0.03135	0.03123	0.13292	0.13624	0.07967	0.07844
0.07752	0.07633	606967.8	4201368	60446.64	0.0333	0.03319	0.14127	0.1449	0.07752	0.07633	606967.8	4201368	31872	0.0333	0.03319	0.14127	0.1449	0.07752	0.07633
0.07544	0.07428	606987.8	4201368	57103.04	0.03545	0.03537	0.1508	0.1549	0.07544	0.07428	606987.8	4201368	31193.58	0.03545	0.03537	0.1508	0.1549	0.07544	0.07428
0.07344	0.0723	607007.8	4201368	54044.69	0.03768	0.03768	0.1617	0.1664	0.07344	0.0723	607007.8	4201368	30530.7	0.03768	0.03768	0.1617	0.1664	0.07344	0.0723
0.07147	0.07037	607027.8	4201368	51180.84	0.04022	0.04035	0.17508	0.18056	0.07147	0.07037	607027.8	4201368	29866.24	0.04022	0.04035	0.17508	0.18056	0.07147	0.07037
0.06959	0.06852	607047.8	4201368	48568.61	0.04271	0.04305	0.19026	0.19646	0.06959	0.06852	607047.8	4201368	29224.35	0.04271	0.04305	0.19026	0.19646	0.06959	0.06852
0.06776	0.06672	607067.8	4201368	46138.45	0.04538	0.04598	0.20882	0.21635	0.06776	0.06672	607067.8	4201368	28590.75	0.04538	0.04598	0.20882	0.21635	0.06776	0.06672
0.06601	0.06499	607087.8	4201368	43909.59	0.04793	0.04888	0.23061	0.23957	0.06601	0.06499	607087.8	4201368	27978.88	0.04793	0.04888	0.23061	0.23957	0.06601	0.06499
0.06434	0.06335	607107.8	4201368	41868.25	0.0501	0.05142	0.25515	0.26604	0.06434	0.06335	607107.8	4201368	27391.63	0.0501	0.05142	0.25515	0.26604	0.06434	0.06335
0.06272	0.06176	607127.8	4201368	39969.09	0.05219	0.05385	0.28474	0.29812	0.06272	0.06176	607127.8	4201368	26817.43	0.05219	0.05385	0.28474	0.29812	0.06272	0.06176
0.06116	0.06022	607147.8	4201368	38196.12	0.05427	0.05622	0.3208	0.33757	0.06116	0.06022	607147.8	4201368	26254.86	0.05427	0.05622	0.3208	0.33757	0.06116	0.06022
0.05965	0.05874	607167.8	4201368	36548.29	0.05649	0.05862	0.36534	0.38689	0.05965	0.05874	607167.8	4201368	25708.05	0.05649	0.05862	0.36534	0.38689	0.05965	0.05874
0.0582	0.05732	607187.8	4201368	35016.36	0.05901	0.06122	0.42179	0.45036	0.0582	0.05732	607187.8	4201368	25177.79	0.05901	0.06122	0.42179	0.45036	0.0582	0.05732
0.05682	0.05596	607207.8	4201368	33598.94	0.06198	0.06426	0.49573	0.53516	0.05682	0.05596	607207.8	4201368	24667.93	0.06198	0.06426	0.49573	0.53516	0.05682	0.05596
0.05549	0.05465	607227.8	4201368	32273.54	0.06542	0.06785	0.59648	0.65371	0.05549	0.05465	607227.8	4201368	24171.9	0.06542	0.06785	0.59648	0.65371	0.05549	0.05465
0.05419	0.05338	607247.8	4201368	31023.95	0.06931	0.07201	0.74095	0.82928	0.05419	0.05338	607247.8	4201368	23684.88	0.06931	0.07201	0.74095	0.82928	0.05419	0.05338
0.05294	0.05215	607267.8	4201368	29848.49	0.07362	0.07669	0.9635	1.11208	0.05294	0.05215	607267.8	4201368	23208.85	0.07362	0.07669	0.9635	1.11208	0.05294	0.05215
0.05174	0.05097	607287.8	4201368	28751.75	0.07836	0.08185	1.34641	1.6324	0.05174	0.05097	607287.8	4201368	22749.78	0.07836	0.08185	1.34641	1.6324	0.05174	0.05097
0.05057	0.04983	607307.8	4201368	27715.23	0.08355	0.08758	2.11922	2.78616	0.05057	0.04983	607307.8	4201368	22299.93	0.08355	0.08758	2.11922	2.78616	0.05057	0.04983
0.15458	0.15231	606527.8	4201388	556952.1	0.01228	0.01236	0.05756	0.05847	0.15458	0.15231	606527.8	4201388	44905.84	0.01228	0.01236	0.05756	0.05847	0.15458	0.15231
0.14921	0.14699	606547.8	4201388	472306.7	0.01311	0.01319	0.05979	0.06067	0.14921	0.14699	606547.8	4201388	44308.17	0.01311	0.01319	0.05979	0.06067	0.14921	0.14699
0.14415	0.14198	606567.8	4201388	370143.5	0.01359	0.01368	0.06162	0.06254	0.14415	0.14198	606567.8	4201388	43722.34	0.01359	0.01368	0.06162	0.06254	0.14415	0.14198
0.13938	0.13726	606587.8	4201388	306166.5	0.01403	0.01412	0.06342	0.06439	0.13938	0.13726	606587.8	4201388	43150.2	0.01403	0.01412	0.06342	0.06439	0.13938	0.13726
0.13482	0.13275	606607.8	4201388	261949.6	0.01448	0.01458	0.06533	0.06635	0.13482	0.13275	606607.8	4201388	42574.57	0.01448	0.01458	0.06533	0.06635	0.13482	0.13275
0.13043	0.12841	606627.8	4201388	228685.5	0.01499	0.01509	0.06742	0.0685	0.13043	0.12841	606627.8	4201388	41982.4	0.01499	0.01509	0.06742	0.0685	0.13043	0.12841
0.12623	0.12427	606647.8	4201388	202625.6	0.01553	0.01562	0.06962	0.07077	0.12623	0.12427	606647.8	4201388	41385.17	0.01553	0.01562	0.06962	0.07077	0.12623	0.12427

0.12221	0.1203	606667.8	4201388	181356.7	0.01609	0.0162	0.07194	0.07317	0.12221	0.1203	606667.8	4201388	40781.25	0.01609	0.0162	0.07194	0.07317	0.12221	0.1203
0.11838	0.11652	606687.8	4201388	163748.1	0.01667	0.01677	0.07443	0.07575	0.11838	0.11652	606687.8	4201388	40176.25	0.01667	0.01677	0.07443	0.07575	0.11838	0.11652
0.11472	0.11291	606707.8	4201388	148879.9	0.01727	0.01736	0.07702	0.07843	0.11472	0.11291	606707.8	4201388	39568.23	0.01727	0.01736	0.07702	0.07843	0.11472	0.11291
0.11124	0.10947	606727.8	4201388	136214.5	0.01787	0.01794	0.07966	0.08117	0.11124	0.10947	606727.8	4201388	38961.07	0.01787	0.01794	0.07966	0.08117	0.11124	0.10947
0.10793	0.1062	606747.8	4201388	125304.6	0.01814	0.01816	0.08163	0.08325	0.10793	0.1062	606747.8	4201388	38354.49	0.01814	0.01816	0.08163	0.08325	0.10793	0.1062
0.10467	0.10299	606767.8	4201388	115352.4	0.01891	0.01892	0.0848	0.08653	0.10467	0.10299	606767.8	4201388	37710.24	0.01891	0.01892	0.0848	0.08653	0.10467	0.10299
0.10149	0.09986	606787.8	4201388	106391.6	0.02004	0.0199	0.08895	0.09096	0.10149	0.09986	606787.8	4201388	37040.26	0.02004	0.0199	0.08895	0.09096	0.10149	0.09986
0.09847	0.09688	606807.8	4201388	98571.18	0.02103	0.021	0.0931	0.09503	0.09847	0.09688	606807.8	4201388	36373.51	0.02103	0.021	0.0931	0.09503	0.09847	0.09688
0.09556	0.09402	606827.8	4201388	91595.9	0.0221	0.02209	0.0974	0.09947	0.09556	0.09402	606827.8	4201388	35700.7	0.0221	0.02209	0.0974	0.09947	0.09556	0.09402
0.09276	0.09126	606847.8	4201388	85341.54	0.02329	0.02326	0.10211	0.10429	0.09276	0.09126	606847.8	4201388	35022.43	0.02329	0.02326	0.10211	0.10429	0.09276	0.09126
0.09006	0.08861	606867.8	4201388	79720.39	0.02458	0.02452	0.10718	0.1095	0.09006	0.08861	606867.8	4201388	34342.79	0.02458	0.02452	0.10718	0.1095	0.09006	0.08861
0.08748	0.08606	606887.8	4201388	74666.14	0.02596	0.02588	0.11265	0.11515	0.08748	0.08606	606887.8	4201388	33667.06	0.02596	0.02588	0.11265	0.11515	0.08748	0.08606
0.085	0.08362	606907.8	4201388	70091.35	0.02747	0.02737	0.11865	0.12136	0.085	0.08362	606907.8	4201388	32995.38	0.02747	0.02737	0.11865	0.12136	0.085	0.08362
0.08261	0.08128	606927.8	4201388	65946.14	0.0291	0.02897	0.12525	0.12822	0.08261	0.08128	606927.8	4201388	32332.13	0.0291	0.02897	0.12525	0.12822	0.08261	0.08128
0.08032	0.07902	606947.8	4201388	62170.96	0.03084	0.03071	0.13259	0.13588	0.08032	0.07902	606947.8	4201388	31677.54	0.03084	0.03071	0.13259	0.13588	0.08032	0.07902
0.07812	0.07686	606967.8	4201388	58724.96	0.03267	0.03257	0.14077	0.14442	0.07812	0.07686	606967.8	4201388	31033.77	0.03267	0.03257	0.14077	0.14442	0.07812	0.07686
0.076	0.07477	606987.8	4201388	55557.65	0.0346	0.03456	0.15004	0.15418	0.076	0.07477	606987.8	4201388	30398.78	0.0346	0.03456	0.15004	0.15418	0.076	0.07477
0.07393	0.07274	607007.8	4201388	52622.22	0.03667	0.03673	0.16076	0.16543	0.07393	0.07274	607007.8	4201388	29768.6	0.03667	0.03673	0.16076	0.16543	0.07393	0.07274
0.07187	0.07072	607027.8	4201388	49818.36	0.03919	0.03943	0.17495	0.18022	0.07187	0.07072	607027.8	4201388	29119.64	0.03919	0.03943	0.17495	0.18022	0.07187	0.07072
0.06994	0.06882	607047.8	4201388	47302.03	0.0415	0.04196	0.19046	0.19676	0.06994	0.06882	607047.8	4201388	28505.9	0.0415	0.04196	0.19046	0.19676	0.06994	0.06882
0.06807	0.06698	607067.8	4201388	44971.94	0.04377	0.04453	0.20885	0.21624	0.06807	0.06698	607067.8	4201388	27904.15	0.04377	0.04453	0.20885	0.21624	0.06807	0.06698
0.06629	0.06523	607087.8	4201388	42842.56	0.04567	0.04673	0.22939	0.23814	0.06629	0.06523	607087.8	4201388	27327.15	0.04567	0.04673	0.22939	0.23814	0.06629	0.06523
0.06459	0.06356	607107.8	4201388	40884.72	0.04744	0.04879	0.25342	0.26391	0.06459	0.06356	607107.8	4201388	26771.39	0.04744	0.04879	0.25342	0.26391	0.06459	0.06356
0.06295	0.06195	607127.8	4201388	39063.07	0.04915	0.05076	0.28227	0.29508	0.06295	0.06195	607127.8	4201388	26228.71	0.04915	0.05076	0.28227	0.29508	0.06295	0.06195
0.06136	0.06039	607147.8	4201388	37358.89	0.05092	0.05271	0.31748	0.33339	0.06136	0.06039	607147.8	4201388	25695.97	0.05092	0.05271	0.31748	0.33339	0.06136	0.06039
0.05983	0.05889	607167.8	4201388	35768.73	0.05288	0.05476	0.36096	0.38127	0.05983	0.05889	607167.8	4201388	25175.98	0.05288	0.05476	0.36096	0.38127	0.05983	0.05889
0.05835	0.05744	607187.8	4201388	34286.6	0.05517	0.05708	0.41595	0.44261	0.05835	0.05744	607187.8	4201388	24670.41	0.05517	0.05708	0.41595	0.44261	0.05835	0.05744
0.05693	0.05604	607207.8	4201388	32902.93	0.05789	0.05984	0.48758	0.52396	0.05693	0.05604	607207.8	4201388	24178.48	0.05789	0.05984	0.48758	0.52396	0.05693	0.05604
0.05558	0.05472	607227.8	4201388	31626.2	0.06096	0.06305	0.58509	0.63756	0.05558	0.05472	607227.8	4201388	23708.89	0.06096	0.06305	0.58509	0.63756	0.05558	0.05472
0.05427	0.05343	607247.8	4201388	30419.35	0.06439	0.06673	0.72364	0.80433	0.05427	0.05343	607247.8	4201388	23246.1	0.06439	0.06673	0.72364	0.80433	0.05427	0.05343
0.05301	0.0522	607267.8	4201388	29289.55	0.06816	0.07081	0.93522	1.07164	0.05301	0.0522	607267.8	4201388	22796.97	0.06816	0.07081	0.93522	1.07164	0.05301	0.0522
0.0518	0.05101	607287.8	4201388	28232.55	0.07226	0.07528	1.29256	1.55898	0.0518	0.05101	607287.8	4201388	22362.28	0.07226	0.07528	1.29256	1.55898	0.0518	0.05101
0.05062	0.04985	607307.8	4201388	27226.05	0.07677	0.08021	1.98836	2.62369	0.05062	0.04985	607307.8	4201388	21932.03	0.07677	0.08021	1.98836	2.62369	0.05062	0.04985
0.15797	0.15541	606527.8	4201408	486292.6	0.01272	0.01282	0.05872	0.05958	0.15797	0.15541	606527.8	4201408	43104.85	0.01272	0.01282	0.05872	0.05958	0.15797	0.15541
0.15251	0.15001	606547.8	4201408	414923.4	0.01308	0.01317	0.06031	0.06121	0.15251	0.15001	606547.8	4201408	42596.26	0.01308	0.01317	0.06031	0.06121	0.15251	0.15001
0.14729	0.14487	606567.8	4201408	328622.7	0.01345	0.01355	0.06197	0.0629	0.14729	0.14487	606567.8	4201408	42082.11	0.01345	0.01355	0.06197	0.0629	0.14729	0.14487
0.14231	0.13996	606587.8	4201408	275528.4	0.01383	0.01393	0.06369	0.06468	0.14231	0.13996	606587.8	4201408	41562.44	0.01383	0.01393	0.06369	0.06468	0.14231	0.13996
0.1375	0.13522	606607.8	4201408	238121.1	0.01428	0.01438	0.06561	0.06665	0.1375	0.13522	606607.8	4201408	41021.72	0.01428	0.01438	0.06561	0.06665	0.1375	0.13522
0.13288	0.13066	606627.8	4201408	209639.1	0.0148	0.01489	0.06771	0.06881	0.13288	0.13066	606627.8	4201408	40464.78	0.0148	0.01489	0.06771	0.06881	0.13288	0.13066
0.12845	0.1263	606647.8	4201408	186966.2	0.01534	0.01543	0.06994	0.07112	0.12845	0.1263	606647.8	4201408	39899.72	0.01534	0.01543	0.06994	0.07112	0.12845	0.1263
0.12427	0.12218	606667.8	4201408	168630.6	0.01588	0.01596	0.07222	0.07348	0.12427	0.12218	606667.8	4201408	39343.88	0.01588	0.01596	0.07222	0.07348	0.12427	0.12218
0.12028	0.11825	606687.8	4201408	153207	0.01644	0.01651	0.07463	0.07598	0.12028	0.11825	606687.8	4201408	38784.7	0.01644	0.01651	0.07463	0.07598	0.12028	0.11825
0.11645	0.11447	606707.8	4201408	139851.6	0.01705	0.01712	0.07727	0.0787	0.11645	0.11447	606707.8	4201408	38211.13	0.01705	0.01712	0.07727	0.0787	0.11645	0.11447
0.11279	0.11087	606727.8	4201408	128318	0.01769	0.01776	0.08005	0.08159	0.11279	0.11087	606727.8	4201408	37633.59	0.01769	0.01776	0.08005	0.08159	0.11279	0.11087
0.10931	0.10745	606747.8	4201408	118336.4	0.01835	0.01839	0.08288	0.08454	0.10931	0.10745	606747.8	4201408	37057.95	0.01835	0.01839	0.08288	0.08454	0.10931	0.10745
0.10599	0.10418	606767.8	4201408	109588.2	0.01893	0.01889	0.08557	0.08732	0.10599	0.10418	606767.8	4201408	36480.57	0.01893	0.01889	0.08557	0.08732	0.10599	0.10418
0.10271	0.10095	606787.8	4201408	101420.5	0.01987	0.01988	0.08937	0.09126	0.10271	0.10095	606787.8	4201408	35858.07	0.01987	0.01988	0.08937	0.09126	0.10271	0.10095
0.09961	0.09791	606807.8	4201408	94333.54	0.0207	0.02063	0.09288	0.09486	0.09961	0.09791	606807.8	4201408	35249.03	0.0207	0.02063	0.09288	0.09486	0.09961	0.09791
0.09658	0.09493	606827.8	4201408	87818.03	0.02182	0.02178	0.09735	0.09944	0.09658	0.09493	606827.8	4201408	34613.2	0.02182	0.02178	0.09735	0.09944	0.09658	0.09493
0.09369	0.09209	606847.8	4201408	81995.42	0.023	0.02293	0.10203	0.10427	0.09369	0.09209	606847.8	4201408	33977.75	0.023	0.02293	0.10203	0.10427	0.09369	0.09209
0.09091	0.08936	606867.8	4201408	76748.78	0.02426	0.02417	0.10706	0.10945	0.09091	0.08936	606867.8	4201408	33341.22	0.02426	0.02417	0.10706	0.10945	0.09091	0.08936
0.08824	0.08674	606887.8	4201408	71999.72	0.02565	0.02553	0.11255	0.11511	0.08824	0.08674	606887.8	4201408	32704.93	0.02565	0.02553	0.11255	0.11511	0.08824	0.08674
0.08568	0.08423	606907.8	4201408	67700.87	0.02712	0.02699	0.1185	0.12126	0.08568	0.08423	606907.8	4201408	32074.14	0.02712	0.02699	0.1185	0.12126	0.08568	0.08423
0.0832	0.08179	606927.8	4201408	63735.41	0.0288	0.02866	0.12524	0.1283	0.0832	0.08179	606927.8	4201408	31437.04	0.0288	0.02866	0.12524	0.1283	0.0832	0.08179
0.08085	0.07948	606947.8	4201408	60173.82	0.03046	0.03034	0.1325	0.13587	0.08085	0.07948	606947.8	4201408	30820.96	0.03046	0.03034	0.1325	0.13587	0.08085	0.07948
0.07859	0.07726	606967.8	4201408	56909.88	0.03218	0.03212	0.14063	0.14437	0.07859	0.07726	606967.8	4201408	30213.07	0.03218	0.03212	0.14063	0.14437	0.07859	0.07726
0.07641	0.07512	606987.8	4201408	53900.37	0.03398	0.034	0.14995	0.15406	0.07641	0.07512	606987.8	4201408	29611.88	0.03398	0.034	0.14995	0.15406	0.07641	0.07512
0.07424	0.073	607007.8	4201408	51026.73	0.03614	0.0363	0.16177	0.16638	0.07424	0.073	607007.8	4201408	28990.14	0.03614	0.0363	0.16177	0.16638	0.07424	0.073
0.07212	0.07092	607027.8	4201408	48328.51	0.03848	0.03886	0.17636	0.18183	0.07212	0.07092	607027.8	4201408	28362.21	0.03848	0.03886	0.17636	0.18183	0.07212	0.07092
0.07016	0.069	607047.8	4201408	45955	0.04024	0.04083	0.19111	0.19737	0.07016	0.069	607047.8	4201408	27787.53	0.04024	0.04083	0.19111	0.19737	0.07016	0.069
0.06829	0.06716	607067.8	4201408	43769.28	0.04189	0.04273	0.20808	0.21532	0.06829	0.06716	607067.8	4201408	27230.28	0.04189	0.04273	0.20808	0.21532	0.06829	0.06716
0.06649	0.06539	607087.8	4201408	41746.84	0.04342	0.04452	0.22788	0.23639	0.06649	0.06539	607087.8	4201408	26688.06	0.04342	0.04452	0.22788	0.23639	0.06649	0.06539
0.06477	0.0637	607107.8	4201408	39878.93	0.04488	0.04621	0.25122	0.26136	0.06477	0.0637	607107.8	4201408	26163.66	0.04488	0.04621	0.25122	0.26136	0.06477	0.0637
0.06311	0.06207	607127.8	4201408	38141.41	0.04632	0.04783	0.2792	0.29147	0.06311	0.06207	607127.8	4201408	25652.88	0.04632	0.04783	0.2792	0.29147	0.06311	0.06207
0.0615	0.0605	607147.8	4201408	36510.97	0.04788	0.04948	0.31331	0.32842	0.0615	0.0605	607147.8	4201408	25149.93	0.04788	0.04948	0.31331	0.32842	0.0615	0.0605
0.05995	0.05898	607167.8	4201408	34984.75	0.04966	0.05129	0.35548	0.37448	0.05995	0.05898	607167.8	4201408	24657.56	0.04966	0.05129	0.35548	0.37448	0.05995	0.05898
0.05846	0.05751	607187.8	4201408	33554.92	0.05178	0.05341	0.40875	0.43334	0.05846	0.05751	607187.8	4201408	24175.84	0.05178	0.05341	0.40875	0.43334	0.05846	0.05751
0.05701	0.0561	607207.8	4201408	32217.3	0.05424	0.05592	0.47785	0.51085	0.05701	0.0561	607207.8	4201408	23706.42	0.05424	0.05592	0.47785	0.51085	0.05701	0.0561
0.05563	0.05474	607227.8	4201408	30970.33	0.05702	0.05884	0.57107	0.61753	0.05563	0.05474	607227.8	4201408	23252.1	0.05702	0.05884	0.57107	0.61753	0.05563	0.05474
0.05431	0.05345	607247.8	4201408	29808.61	0.06009	0.06213	0.70348	0.77329	0.05431	0.05345	607247.8	4201408	22813.56	0.06009	0.06213	0.70348	0.77329	0.05431	0.05345
0.05305	0.05222	607267.8	4201408	28731.35	0.06334	0.06566	0.90513	1.02084	0.05305	0.05222	607267.8	4201408	22394.09	0.06334	0.06566	0.90513	1.02084	0.05305	0.05222
0.05183	0.05102	607287.8	4201408	27709.07	0.06695	0.06955	1.23794	1.45686	0.05183	0.05102	607287.8	4201408	21980.04	0.06695	0.06955	1.23794	1.45686	0.05183	0.05102
0.05064	0.04985	607307.8	4201408	26733.97	0.07088	0.07385	1.86778	2.36873	0.05064	0.04985	607307.8	4201408	21569.25	0.07088	0.07385	1.86778	2.36873	0.05064	0.04985
0.15869	0.15596	606533.2	4201421	414707.1	0.01273	0.01283	0.05932	0.06018	0.15869	0.15596	606533.2	4201421	41917.38	0.01273	0.01283	0.05932	0.06018	0.15869	0.15596
0.1532	0.15056	606553.2	4201421	344871.1	0.01303	0.01311	0.06087	0.0618	0.1532	0.15056	606553.2	4201421	41453.99	0.01303	0.01311	0.06087	0.0618	0.1532	0.15056
0.14786	0.1453	606573.2	4201421	284829	0.01341	0.01349	0.06256	0.06352	0.14786	0.1453	606573.2	4201421	40957.03	0.01341	0.01349	0.06256	0.06352	0.14786	0.1453
0.14278	0.1403	606593.2	4201421	245055.5	0.01379	0.01388	0.06431	0.06533	0.14278	0.1403	606593.2	4201421	40457.03	0.01379	0.01388	0.06431	0.06533	0.14278	0.1403
0.13789	0.13548	606613.2	4201421	215436.1	0.01425	0.01433	0.06623	0.06731	0.13789	0.13548	606613.2	4201421	39940.29	0.01425	0.01433	0.06623	0.06731	0.13789	0.13548
0.13315	0.13082	606633.2	4201421	191621.9	0.01479	0.01486	0.06841	0.06956	0.13315	0.13082	606633.2	4201421	39395.72	0.01479	0.01486	0.06841	0.06956	0.13315	0.13082
0.1286	0.12634	606653.2	4201421	171969.3	0.01537	0.01546	0.07076	0.072	0.1286	0.12634	606653.2	4201421	38838.26	0.01537	0.01546	0.07076	0.072	0.1286	0.12634
0.12433	0.12215	606673.2	4201421	156034.4	0.01593	0.01601	0.07313	0.07445	0.12433	0.12215	606673.2	4201421	38298.64	0.01593	0.01601	0.07313	0.07445	0.12433	0.12215
0.12031	0.11819	606693.2	4201421	142703.9	0.01647	0.01654	0.07557	0.07694	0.12031	0.11819	606693.2	4201421	37769.76	0.01647	0.01654	0.07557	0.07694	0.12031	0.11819
0.11643	0.11438	606713.2	4201421	130916.2	0.0171	0.01715	0.07821	0.07971	0.11643	0.11438	606713.2	4201421	37220.98	0.0171	0.01715	0.07821	0.07971	0.11643	0.11438
0.11385	0.11183	606727.8	4201423	122465.9	0.01755	0.01759	0.0803	0.08185	0.11385	0.11183	606727.8	4201423	36689.7	0.01755	0.01759	0.0803	0.08185	0.11385	0.11183
0.11026	0.1083	606747.8	4201423	113230.8	0.01822	0.01826	0.0832	0.08488	0.11026	0.1083	606747.8	4201423	36138.46	0.01822	0.01826	0.0832	0.08488	0.11026	0.1083
0.10684	0.10494	606767.8	4201423	105080.3	0.01892	0.01893	0.08617	0.08798	0.10684	0.10494	606767.8	4201423	35584.57	0.01892	0.01893	0.08617	0.08798	0.10684	0.10494
0.10352	0.10168	606787.8	4201423	97660.65	0.01974	0.01973	0.08956	0.09149	0.10352	0.10168	606787.8	4201423	35009.79	0.01974	0.01973	0.08956	0.09149	0.10352	0.10168
0.10038	0.0986	606807.8	4201423	91123.35	0.02048	0.02032	0.09268	0.09472	0.10038	0.0986	606807.8	4201423	34441.86	0.02048	0.02032	0.09268	0.09472	0.10038	0.0986
0.0975	0.09575	606827.8	4201428	84092.41	0.02149	0.0214	0.09694	0.0991	0.0975	0.09575	606827.8	4201428	33590.79	0.02149	0.0214	0.09694	0.0991	0.0975	0.09575
0.0945	0.09281	606847.8	4201428	78655.78	0.02271	0.02261	0.10184	0.10415	0.0945	0.09281	606847.8	4201428	32988.72	0.02271	0.02261	0.10184	0.10415	0.0945	0.09281
0.09164	0.09001	606867.8	4201428	73782.95	0.02395	0.02383	0.10682	0.10928	0.09164	0.09001	606867.8	4201428	32392.11	0.02395	0.02383	0.10682	0.10928	0.09164	0.09001
0.0889	0.08732	606887.8	4201428	69346.82	0.02531	0.02518	0.11229	0.11493	0.0889	0.08732	606887.8	4201428	31793.54	0.02531	0.02518	0.11229	0.11493	0.0889	0.08732
0.08621	0.08468	606907.8	4201428	65193.54	0.02693	0.0268	0.11887	0.12174	0.08621	0.08468	606907.8	4201428	31172.69	0.02693	0.0268	0.11887	0.12174	0.08621	0.08468
0.08358	0.08211	606927.8	4201428	61335.45	0.02881	0.0287	0.12636	0.12945	0.08358	0.08211	606927.8	4201428	30537.04	0.02881	0.0287	0.12636	0.12945	0.08358	0.08211
0.08114	0.07971	606947.8	4201428	57929.88	0.03058	0.03051	0.13427	0.13775	0.08114	0.07971	606947.8	4201428	29937.84	0.03058	0.03051	0.13427	0.13775	0.08114	0.07971
0.07881	0.07743	606967.8	4201428	54841.91	0.03225	0.03228	0.14275	0.14661	0.07881	0.07743	606967.8	4201428	29356.74	0.03225	0.03228	0.14275	0.14661	0.07881	0.07743
0.07656	0.07522	606987.8	4201428	51962.61	0.03394	0.03408	0.15261	0.15689	0.07656	0.07522	606987.8	4201428	28773.05	0.03394	0.03408	0.15261	0.15689	0.07656	0.07522
0.07436	0.07306	607007.8	4201428	49269.36	0.03559	0.03587	0.1639	0.16871	0.07436	0.07306	607007.8	4201428	28186.47	0.03559	0.03587	0.1639	0.16871	0.07436	0.07306
0.07227	0.07102	607027.8	4201428	46808.84	0.03712	0.03757	0.17639	0.18183	0.07227	0.07102	607027.8	4201428	27619.94	0.03712	0.03757	0.17639	0.18183	0.07227	0.07102
0.07031	0.06909	607047.8	4201428	44592.63	0.03857	0.03923	0.19049	0.19668	0.07031	0.06909	607047.8	4201428	27087.84	0.03857	0.03923	0.19049	0.19668	0.07031	0.06909
0.06844	0.06726	607067.8	4201428	42558.57	0.03993	0.04082	0.20677	0.21395	0.06844	0.06726	607067.8	4201428	26576.33	0.03993	0.04082	0.20677	0.21395	0.06844	0.06726
0.06663	0.06549	607087.8	4201428	40652.4	0.0412	0.0423	0.22589	0.23428	0.06663	0.06549	607087.8	4201428	26070.86	0.0412	0.0423	0.22589	0.23428	0.06663	0.06549
0.06488	0.06378	607107.8	4201428	38871.69	0.04243	0.0437	0.24853	0.25845	0.06488	0.06378	607107.8	4201428	25575.01	0.04243	0.0437	0.24853	0.25845	0.06488	0.06378
0.06321	0.06214	607127.8	4201428	37214.69	0.04371	0.04508	0.27561	0.28749	0.06321	0.06214	607127.8	4201428	25092.66	0.04371	0.04508	0.27561	0.28749	0.06321	0.06214
0.06159	0.06056	607147.8	4201428	35661.65	0.04512	0.04654	0.30851	0.32299	0.06159	0.06056	607147.8	4201428	24619.51	0.04512	0.04654	0.30851	0.32299	0.06159	0.06056
0.06003	0.05902	607167.8	4201428	34198.13	0.04678	0.04819	0.34915	0.36716	0.06003	0.05902	607167.8	4201428	24152.44	0.04678	0.04819	0.34915	0.36716	0.06003	0.05902
0.05851	0.05754	607187.8	4201428	32818.67	0.04872	0.05013	0.40034	0.42328	0.05851	0.05754	607187.8	4201428	23692.03	0.04872	0.05013	0.40034	0.42328	0.05851	0.05754
0.05705	0.05611	607207.8	4201428	31528.85	0.05095	0.05242	0.46655	0.49668	0.05705	0.05611	607207.8	4201428	23244.33	0.05095	0.05242	0.46655	0.49668	0.05705	0.05611
0.05565	0.05474	607227.8	4201428	30322.72	0.05345	0.05505	0.55529	0.59667	0.05565	0.05474	607227.8	4201428	22809.6	0.05345	0.05505	0.55529	0.59667	0.05565	0.05474
0.05432	0.05344	607247.8	4201428	29208.86	0.0562	0.058	0.68118	0.74188	0.05432	0.05344	607247.8	4201428	22395.88	0.0562	0.058	0.68118	0.74188	0.05432	0.05344
0.05307	0.05221	607267.8	4201428	28180.33	0.05906	0.0611	0.87122	0.96824	0.05307	0.05221	607267.8	4201428	22003.03	0.05906	0.0611	0.87122	0.96824	0.05307	0.05221
0.05182	0.05099	607287.8	4201428	27181.62	0.06228	0.06454	1.17803	1.35098	0.05182	0.05099	607287.8	4201428	21602.64	0.06228	0.06454	1.17803	1.35098	0.05182	0.05099
0.05062	0.04982	607307.8	4201428	26239.22	0.06574	0.06832	1.74669	2.11236	0.05062	0.04982	607307.8	4201428	21211.2	0.06574	0.06832	1.74669	2.11236	0.05062	0.04982
0.05549	0.0574	606357.3	4200992	330640.9	0.01936	0.01997	0.04194	0.04193	0.05549	0.0574	606357.3	4200992	164326.7	0.01936	0.01997	0.04194	0.04193	0.05549	0.0574
0.0557	0.05756	606373.3	4200991	313755.2	0.01998	0.02061	0.04263	0.04261	0.0557	0.05756	606373.3	4200991	163923.4	0.01998	0.02061	0.04263	0.04261	0.0557	0.05756
0.05627	0.05807	606393.3	4200991	301177.2	0.02064	0.02131	0.04354	0.04351	0.05627	0.05807	606393.3	4200991	161959.5	0.02064	0.02131	0.04354	0.04351	0.05627	0.05807
0.05678	0.05851	606413.3	4200991	288327.9	0.02134	0.02204	0.04449	0.04446	0.05678	0.05851	606413.3	4200991	159485.1	0.02134	0.02204	0.04449	0.04446	0.05678	0.05851
0.05722	0.05888	606433.3	4200991	275090	0.0221	0.02283	0.04549	0.04545	0.05722	0.05888	606433.3	4200991	156504.9	0.0221	0.02283	0.04549	0.04545	0.05722	0.05888

0.05759	0.05918	606453.3	4200991	261713.1	0.02291	0.02369	0.04655	0.04649	0.05759	0.05918	606453.3	4200991	153170.3	0.02291	0.02369	0.04655	0.04649	0.05759	0.05918
0.0579	0.05942	606473.3	4200991	248886	0.02378	0.02461	0.04765	0.04752	0.0579	0.05942	606473.3	4200991	149741.2	0.02378	0.02461	0.04765	0.04752	0.0579	0.05942
0.05815	0.05959	606493.3	4200991	237448.5	0.02466	0.02555	0.04863	0.04822	0.05815	0.05959	606493.3	4200991	146454	0.02466	0.02555	0.04863	0.04822	0.05815	0.05959
0.05834	0.05971	606513.3	4200991	227878	0.02566	0.02654	0.04975	0.0494	0.05834	0.05971	606513.3	4200991	143553.7	0.02566	0.02654	0.04975	0.0494	0.05834	0.05971
0.05877	0.06076	606355.6	4201006	422909.9	0.01844	0.01901	0.04216	0.0422	0.05877	0.06076	606355.6	4201006	153451.2	0.01844	0.01901	0.04216	0.0422	0.05877	0.06076
0.05936	0.06128	606375.6	4201006	405803	0.01908	0.01968	0.0431	0.04313	0.05936	0.06128	606375.6	4201006	151781.5	0.01908	0.01968	0.0431	0.04313	0.05936	0.06128
0.06109	0.06295	606393.3	4201011	426278.5	0.01933	0.01994	0.04407	0.04412	0.06109	0.06295	606393.3	4201011	146364.2	0.01933	0.01994	0.04407	0.04412	0.06109	0.06295
0.0615	0.06329	606413.3	4201011	407211.6	0.02	0.02065	0.04508	0.04512	0.0615	0.06329	606413.3	4201011	144206.3	0.02	0.02065	0.04508	0.04512	0.0615	0.06329
0.06184	0.06354	606433.3	4201011	386732.1	0.02073	0.0214	0.04614	0.04618	0.06184	0.06354	606433.3	4201011	141720.1	0.02073	0.0214	0.04614	0.04618	0.06184	0.06354
0.06211	0.06372	606453.3	4201011	364779.3	0.02148	0.0222	0.04724	0.04727	0.06211	0.06372	606453.3	4201011	139017.2	0.02148	0.0222	0.04724	0.04727	0.06211	0.06372
0.06231	0.06384	606473.3	4201011	341352.5	0.02229	0.02305	0.0484	0.04842	0.06231	0.06384	606473.3	4201011	136202.1	0.02229	0.02305	0.0484	0.04842	0.06231	0.06384
0.06245	0.0639	606493.3	4201011	318323.3	0.02312	0.02392	0.0496	0.04961	0.06245	0.0639	606493.3	4201011	133480.3	0.02312	0.02392	0.0496	0.04961	0.06245	0.0639
0.06253	0.0639	606513.3	4201011	300034.3	0.02397	0.02482	0.05085	0.05085	0.06253	0.0639	606513.3	4201011	130960.6	0.02397	0.02482	0.05085	0.05085	0.06253	0.0639
0.05691	0.059	606320.2	4201003	434848.4	0.01742	0.01794	0.04046	0.0405	0.05691	0.059	606320.2	4201003	158124.3	0.01742	0.01794	0.04046	0.0405	0.05691	0.059
0.05763	0.05966	606340.2	4201003	417999.4	0.01806	0.01861	0.04138	0.04141	0.05763	0.05966	606340.2	4201003	156664.1	0.01806	0.01861	0.04138	0.04141	0.05763	0.05966

Ranch EIR Residential Project Construction Parameters

Construction Phase

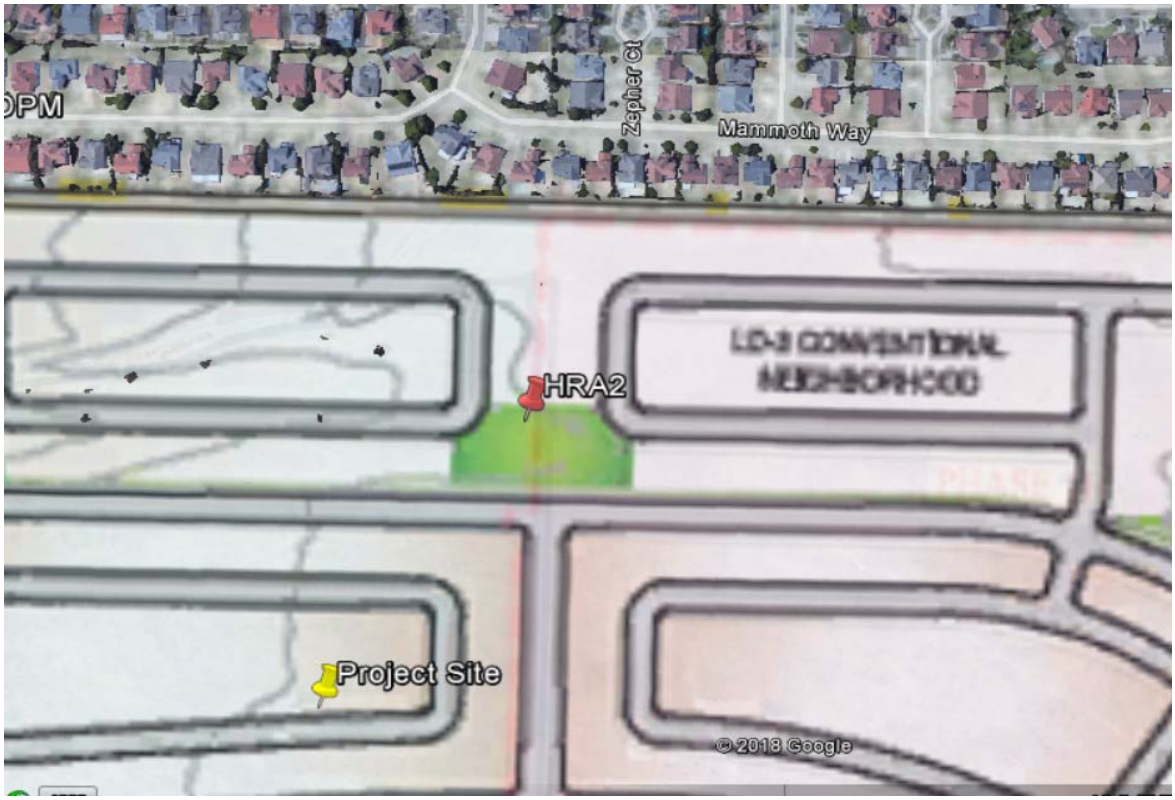
Phase Name	Phase Type	Start Date	End Date	lum Days Wee	Total Num Construction Days
PHASE 1	Date: 12/12/2019 3:02 PM				
Demolition	Demolition	6/21/2021	7/2/2021	5	10
Site Preparation	Site Preparation	7/3/2021	7/30/2021	5	20
Grading	Grading	7/31/2021	10/13/2021	5	53
Building Construction	Building Construction	10/14/2021	10/20/2023	5	527
Architectural Coating	Architectural Coating	9/1/2023	10/23/2023	5	37
Paving	Paving	10/21/2023	12/12/2023	5	37
PHASE 2	Date: 12/12/2019 11:08 AM				
Site Preparation	Site Preparation	3/19/2024	4/16/2024	5	21
Grading	Grading	4/17/2024	7/5/2024	5	58
Building Construction	Building Construction	7/6/2024	10/7/2026	5	588
Architectural Coating	Architectural Coating	8/13/2026	10/7/2026	5	40
Paving	Paving	10/8/2026	12/2/2026	5	40
PHASE 3	Date: 12/12/2019 11:18 AM				
Site Preparation	Site Preparation	3/22/2027	4/21/2027	5	23
Grading	Grading	4/22/2027	7/13/2027	5	59
Building Construction	Building Construction	7/14/2027	10/15/2029	5	589
Architectural Coating	Architectural Coating	8/17/2029	10/15/2029	5	42
Paving	Paving	10/16/2029	12/12/2029	5	42

OffRoad Equipment

PHASE 1	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8	81	0.73
Demolition	Excavators	3	8	158	0.38
Demolition	Rubber Tired Dozers	2	8	247	0.4
Site Preparation	Rubber Tired Dozers	3	8	247	0.4
Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37
Grading	Excavators	2	8	158	0.38
Grading	Graders	1	8	187	0.41
Grading	Rubber Tired Dozers	1	8	247	0.4
Grading	Scrapers	2	8	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8	97	0.37
Building Construction	Cranes	1	8	231	0.29
Building Construction	Forklifts	3	8	89	0.2
Building Construction	Generator Sets	1	8	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8	97	0.37
Building Construction	Welders	1	8	46	0.45
Architectural Coating	Air Compressors	1	8	78	0.48
Paving	Pavers	2	8	130	0.42
Paving	Paving Equipment	2	8	132	0.36
Paving	Rollers	2	8	80	0.38
PHASE 2					
Site Preparation	Rubber Tired Dozers	3	8	247	0.4
Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37
Grading	Excavators	2	8	158	0.38
Grading	Graders	1	8	187	0.41
Grading	Rubber Tired Dozers	1	8	247	0.4
Grading	Scrapers	2	8	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8	97	0.37
Building Construction	Cranes	1	8	231	0.29
Building Construction	Forklifts	3	8	89	0.2
Building Construction	Generator Sets	1	8	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8	97	0.37
Building Construction	Welders	1	8	46	0.45
Architectural Coating	Air Compressors	1	8	78	0.48
Paving	Pavers	2	8	130	0.42
Paving	Paving Equipment	2	8	132	0.36
Paving	Rollers	2	8	80	0.38
PHASE 3					
Site Preparation	Rubber Tired Dozers	3	8	247	0.4
Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37
Grading	Excavators	2	8	158	0.38
Grading	Graders	1	8	187	0.41
Grading	Rubber Tired Dozers	1	8	247	0.4
Grading	Scrapers	2	8	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8	97	0.37
Building Construction	Cranes	1	8	231	0.29
Building Construction	Forklifts	3	8	89	0.2
Building Construction	Generator Sets	1	8	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8	97	0.37
Building Construction	Welders	1	8	46	0.45
Architectural Coating	Air Compressors	1	8	78	0.48
Paving	Pavers	2	8	130	0.42
Paving	Paving Equipment	2	8	132	0.36
Paving	Rollers	2	8	80	0.38

Trips and VMT

Phase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number
PHASE 1			
Demolition	15	0	16
Site Preparation	18	0	0
Grading	20	0	0
Building Construction	606	225	0
Architectural Coating	121	0	0
Paving	15	0	0
PHASE 2			
Site Preparation	18	0	0
Grading	20	0	0
Building Construction	466	175	0
Architectural Coating	93	0	0
Paving	15	0	0
PHASE 3			
Site Preparation	18	0	0
Grading	20	0	0
Building Construction	578	207	0
Architectural Coating	116	0	0
Paving	15	0	0


Zapher Ct
Mammoth Way
HRA2
Project Site
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Updated for 3623.0007 The Ranch Residential Project
Construction-UMITIGATED

		$PM_{2.5}$ (Fugitive)	$PM_{2.5}$ (Exhaust)	$PM_{2.5}$ (Total)	
2021	on site demolition	0.00	0.01	0.01	2021
2021	off site demolition	0.00	0.00	0.00	2021
2021	Demolition	0.00	0.01	0.01	2021
2021	on site preparation	0.04	0.02	0.06	2021
2021	off site preparation	0.00	0.00	0.00	2021
2021	Site Preparation	0.05	0.02	0.06	2021
2021	on site grading	0.04	0.05	0.09	2021
2021	off site grading	0.00	0.00	0.00	2021
2021	Grading	0.04	0.05	0.09	2021
2021	on site building construction		0.03	0.03	2021
2021	off site building construction	0.05	0.00	0.05	2021
2021	Building Construction	0.05	0.03	0.08	2021
2022	on site building construction		0.11	0.11	2022
2022	off site building construction	0.22	0.01	0.23	2022
2022	Building Construction	0.22	0.11	0.34	2022
2023	on site building construction		0.07	0.07	2023
2023	off site building construction	0.18	0.00	0.18	2023
2023	Building Construction	0.18	0.08	0.26	2023
2023	on site architectural coating		0.00	0.00	2023
2023	off site architectural coating	0.00	0.00	0.00	2023
2023	Architectural Coating	0.00	0.00	0.01	2023
2023	on site paving		0.01	0.01	2023
2023	off site paving	0.00	0.00	0.00	2023
2023	Paving	0.00	0.01	0.01	2023
2024	on site preparation	0.05	0.01	0.06	2024
2024	off site preparation	0.00	0.00	0.00	2024
2024	Site Preparation	0.05	0.01	0.06	2024
2024	on site grading	0.05	0.04	0.08	2024
2024	off site grading	0.00	0.00	0.00	2024
2024	Grading	0.05	0.04	0.08	2024
2024	on site building construction		0.04	0.04	2024
2024	off site building construction	0.08	0.00	0.09	2024
2024	Building Construction	0.08	0.04	0.13	2024
2025	on site building construction		0.07	0.07	2025
2025	off site building construction	0.17	0.00	0.18	2025
2025	Building Construction	0.17	0.07	0.25	2025
2026	on site building construction		0.05	0.05	2026
2026	off site building construction	0.13	0.00	0.13	2026
2026	Building Construction	0.13	0.06	0.19	2026
2026	on site architectural coating		0.00	0.00	2026
2026	off site architectural coating	0.00	0.00	0.00	2026
2026	Architectural Coating	0.00	0.00	0.01	2026
2026	on site paving		0.01	0.01	2026
2026	off site paving	0.00	0.00	0.00	2026
2026	Paving	0.00	0.01	0.01	2026
2027	on site preparation	0.05	0.01	0.06	2027
2027	off site preparation	0.00	0.00	0.00	2027
2027	Site Preparation	0.05	0.01	0.06	2027
2027	on site grading	0.05	0.03	0.08	2027
2027	off site grading	0.00	0.00	0.00	2027
2027	Grading	0.05	0.03	0.08	2027

2027	on site building construction		0.03	0.03	2027
2027	off site building construction	0.10	0.00	0.10	2027
2027	Building Construction	0.10	0.04	0.13	2027
2028	on site building construction		0.07	0.07	2028
2028	off site building construction	0.21	0.00	0.21	2028
2028	Building Construction	0.21	0.07	0.28	2028
2029	on site building construction		0.05	0.05	2029
2029	off site building construction	0.17	0.00	0.17	2029
2029	Building Construction	0.17	0.06	0.22	2029
2029	on site architectural coating		0.00	0.00	2029
2029	off site architectural coating	0.01	0.00	0.01	2029
2029	Architectural Coating	0.01	0.00	0.01	2029
2029	on site paving		0.01	0.01	2029
2029	off site paving	0.00	0.00	0.00	2029
2029	Paving	0.00	0.01	0.01	2029
	Total	**1.61**	**0.76**	**2.37**	
	Am 30 years				

By Year From Above		$PM_{2.5}$ (Fugitive)	$PM_{2.5}$ (Exhaust)	$PM_{2.5}$ (Total)	By Year Fror
	2021	0.14	0.10	0.24	
	2022	0.22	0.11	0.34	
	2023	0.18	0.09	0.27	
	2024	0.18	0.09	0.27	
	2025	0.17	0.07	0.25	
	2026	0.14	0.07	0.20	
	2027	0.20	0.08	0.28	
	2028	0.21	0.07	0.28	
	2029	0.17	0.07	0.24	
Total		**1.61**	**0.76**	**2.37**	

By Year From CalEEMod Summary					By Year Fror
	2021	0.14	0.10	0.24	
	2022	0.22	0.11	0.34	
	2023	0.18	0.09	0.27	
	2024	0.18	0.09	0.27	
	2025	0.17	0.07	0.25	
	2026	0.14	0.07	0.20	
	2027	0.20	0.08	0.28	
	2028	0.21	0.07	0.28	
	2029	0.17	0.07	0.24	
Total		**1.61**	**0.76**	**2.37**	

DATE: 12.16.19

Construction-MITIGATED Tier 4 Final

	$PM_{2.5}$ (Fugitive)	$PM_{2.5}$ (Exhaust)	$PM_{2.5}$ (Total)
on site demolition	0.00	0.00	0.00
off site demolition	0.00	0.00	0.00
Demolition	0.00	0.00	0.00
on site preparation	0.04	0.00	0.05
off site preparation	0.00	0.00	0.00
Site Preparation	0.05	0.00	0.05
on site grading	0.04	0.00	0.05
off site grading	0.00	0.00	0.00
Grading	0.04	0.00	0.05
on site building construction		0.00	0.00
off site building construction	0.05	0.00	0.05
Building Construction	0.05	0.00	0.05
on site building construction		0.01	0.01
off site building construction	0.22	0.01	0.23
Building Construction	0.22	0.01	0.24
on site building construction		0.00	0.00
off site building construction	0.18	0.00	0.18
Building Construction	0.18	0.01	0.19
on site architectural coating		0.00	0.00
off site architectural coating	0.00	0.00	0.00
Architectural Coating	0.00	0.00	0.00
on site paving		0.00	0.00
off site paving	0.00	0.00	0.00
Paving	0.00	0.00	0.00
on site preparation	0.05	0.00	0.05
off site preparation	0.00	0.00	0.00
Site Preparation	0.05	0.00	0.05
on site grading	0.05	0.00	0.05
off site grading	0.00	0.00	0.00
Grading	0.05	0.00	0.05
on site building construction		0.00	0.00
off site building construction	0.08	0.00	0.09
Building Construction	0.08	0.01	0.09
on site building construction		0.01	0.01
off site building construction	0.17	0.00	0.18
Building Construction	0.17	0.01	0.18
on site building construction		0.00	0.00
off site building construction	0.13	0.00	0.13
Building Construction	0.13	0.01	0.14
on site architectural coating		0.00	0.00
off site architectural coating	0.00	0.00	0.00
Architectural Coating	0.00	0.00	0.00
on site paving		0.00	0.00
off site paving	0.00	0.00	0.00
Paving	0.00	0.00	0.00
on site preparation	0.05	0.00	0.05
off site preparation	0.00	0.00	0.00
Site Preparation	0.05	0.00	0.05
on site grading	0.05	0.00	0.05
off site grading	0.00	0.00	0.00
Grading	0.05	0.00	0.05

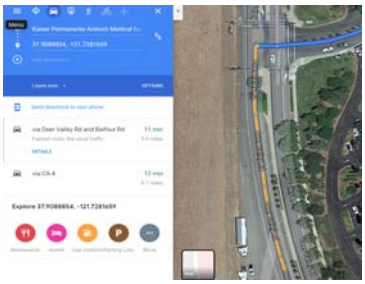
on site building construction		0.00	0.00
off site building construction	0.10	0.00	0.10
Building Construction	0.10	0.01	0.10
on site building construction		0.01	0.01
off site building construction	0.21	0.00	0.21
Building Construction	0.21	0.01	0.22
on site building construction		0.00	0.00
off site building construction	0.17	0.00	0.17
Building Construction	0.17	0.01	0.17
on site architectural coating		0.00	0.00
off site architectural coating	0.01	0.00	0.01
Architectural Coating	0.01	0.00	0.01
on site paving		0.00	0.00
off site paving	0.00	0.00	0.00
Paving	0.00	0.00	0.00
Total	**1.61**	**0.09**	**1.70**

Am 30 years

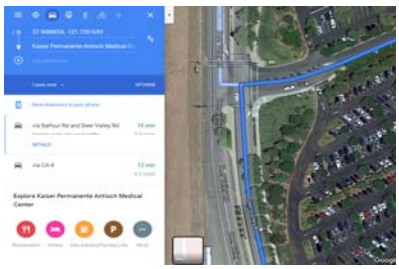
n Above		$PM_{2.5}$ (Fugitive)	$PM_{2.5}$ (Exhaust)	$PM_{2.5}$ (Total)
	2021	0.14	0.01	0.15
	2022	0.22	0.01	0.24
	2023	0.18	0.01	0.19
	2024	0.18	0.01	0.19
	2025	0.17	0.01	0.18
	2026	0.14	0.01	0.14
	2027	0.20	0.01	0.21
	2028	0.21	0.01	0.22
	2029	0.17	0.01	0.18
Total		**1.61**	**0.09**	**1.70**
n CalEEMod Summary				
	2021	0.14	0.01	0.15
	2022	0.22	0.02	0.24
	2023	0.18	0.01	0.19
	2024	0.18	0.01	0.19
	2025	0.17	0.01	0.18
	2026	0.14	0.01	0.14
	2027	0.20	0.01	0.21
	2028	0.21	0.01	0.22
	2029	0.17	0.01	0.18
Total		**1.61**	**0.09**	**1.70**

Ranch EIR Residential Project Construction Parameters

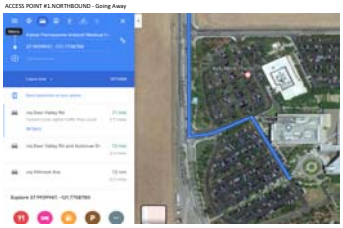
ACCESS POINT #1. SOUTH BOUND - Going Away



ACCESS POINT #1.SOUTH BOUND -Coming to site



ACCESS POINT #1.NORTHBOUND - Going Away

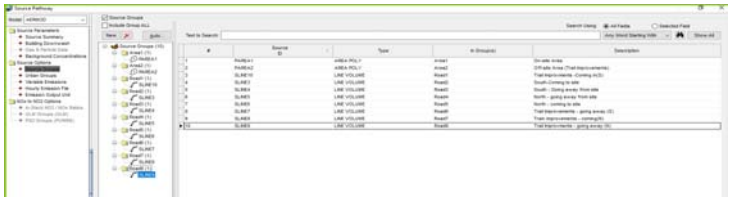


ACCESS POINT #1.NORTHBOUND - Coming to site

ACCESS POINT #2

The red lines are 1300 nfeet distance markers. Stopping at the next major intersection after 1300 feet.

Source ID	Description		Acres check		
1 PAREA1	Phase 1	583,150 sqm	143.8	583958.6	NOTE: Trip distribution for all on-site area roads and trail improvement roads is equal because the road has been traced(accounted for) twice whenever there is
2 PAREA2	Phase 2	277,645 sqm	73	295431	
3 PAREA2	Phase 3	539,359 sqm	135	546345	
			miles	Trip distribution	
4 SLINE1	ACCESS POINT #1. SOUTH BOUND - Going Away	1072 m	0.67	%	
5 SLINE2	ACCESS POINT #1.SOUTH BOUND -Coming to site	1086 m	0.67	%	
6 SLINE3	ACCESS POINT #1.NORTHBOUND - Going Away	1738.5 m	1.08	%	
7 SLINE4	ACCESS POINT #1.NORTHBOUND - Coming to site	1711.5 m	1.08	%	
8 SLINE5	ACCESS POINT #2. Going Away	627.1 m	0.39	%	
9 SLINE6	ACCESS POINT #2. Coming to site	625.9 m	0.39	%	Checking adding acres



Ranch EIR Residential Project Construction Parameters

PHASE 1

Estimation of Annual Onsite Construction Emissions (Phase 1)

Start of Construction	6/21/2021	1/1/2022	1/1/2023	
End of Construction	12/31/2021	12/31/2022	12/12/2023	**Total**
Number of Days	193	364	345	902
Number of Hours	4,632	8,736	8,280	21,648
Number of Construction Days	140	260	247	647
Number of Construction Hours (8 hours/day)	1,120	2,080	1,976	5,176

Size of the construction area source (Phase 1): 583,150 sq-meters

Year	On-site Construction Activity	Unmitigated Onsite DPM (tons)	Unmitigated Onsite PM2.5 (tons)
2021	on demo	0.00721	0.00733
2021	on site prep	0.00001	0.0635
2021	on grading	0.00722	0.0914
2021	on bc	0.0188	0.0274
2022	on bc	0.00001	0.1056
2023	on bc	0.01881	0.0738
2023	on arc	0.0484	0.00175
2023	on pav	0.00003	0.00868

Year	On-site Construction Activity	Mitigated Onsite DPM (tons)	Mitigated Onsite PM2.5 (tons)
2021	on demo	0.00031	0.00043
2021	on site prep	0.00062	0.0453
2021	on grading	0.00269	0.0457
2021	on bc	0.00125	0.00125
2022	on bc	0.0057	0.0057
2023	on bc	0.00461	0.00461
2023	on arc	0.0001	0.0001
2023	on pav	0.00069	0.00069

Total Unmitigated DPM (On-site) 1.005E-01 tons

Average Emission
9.124E+04 grams
4.897E-03 grams/sec
0.000E+00 grams/m2-sec

Total Mitigated DPM (On-site) 1.597E-02 tons

Average Emission
1.450E+04 grams
7.782E-04 grams/sec
0.000E+00 grams/m2-sec

Total Unmitigated PM2.5 (On-site) 3.795E-01 tons

Average Emission
3.445E+05 grams
1.849E-02 grams/sec
0.000E+00 grams/m2-sec

Total Mitigated PM2.5 (On-site) 1.038E-01 tons

Average Emission
9.423E+04 grams
5.057E-03 grams/sec
0.000E+00 grams/m2-sec

Ranch EIR Residential Project Construction Parameters

PHASE 2

Estimation of Annual Onsite Construction Emissions (Phase 2)

Start of Construction	3/19/2024	1/1/2025	1/1/2026	
End of Construction	12/31/2024	12/31/2025	12/2/2026	**Total**
Number of Days	287	364	335	986
Number of Hours	6,888	8,736	8,040	23,664
Number of Construction Days	206	261	240	707
Number of Construction Hours (8 hours/day)	1,648	2,088	1,920	5,656

Size of the construction area source (Phase 2): **277,645 sq-meters**

Year	**On-site Construction Activity**	**Unmitigated Onsite DPM (tons)**	**Unmitigated Onsite PM2.5 (tons)**
2024	on site prep	0.0119	0.0588
2024	on grading	0.0356	0.0807
2024	on bc	0.0392	0.0392
2025	on bc	0.0692	0.0692
2026	on bc	0.053	0.053
2026	on arc	0.00137	0.00137
2026	on pav	0.0077	0.0077

Total Unmitigated DPM (On-site) 2.180E-01 tons

Average Emission
1.979E+05 grams
9.720E-03 grams/sec
0.000E+00 grams/m2-sec

Total Unmitigated PM2.5 (On-site) 3.100E-01 tons

Average Emission
2.815E+05 grams
1.382E-02 grams/sec
0.000E+00 grams/m2-sec

Year	**On-site Construction Activity**	**Mitigated Onsite DPM (tons)**	**Mitigated Onsite PM2.5 (tons)**
2024	on site prep	0.00065	0.0476
2024	on grading	0.00294	0.048
2024	on bc	0.00279	0.00279
2025	on bc	0.00572	0.00572
2026	on bc	0.00439	0.00439
2026	on arc	0.00011	0.00011
2026	on pav	0.00075	0.00075

Total Mitigated DPM (On-site) 1.735E-02 tons

Average Emission
1.575E+04 grams
7.737E-04 grams/sec
0.000E+00 grams/m2-sec

Total Mitigated PM2.5 (On-site) 1.094E-01 tons

Average Emission
9.930E+04 grams
4.877E-03 grams/sec
0.000E+00 grams/m2-sec

Ranch EIR Residential Project Construction Parameters

PHASE 3

Estimation of Annual Onsite Construction Emissions (Phase3)

Start of Construction	3/22/2027	1/1/2028	1/1/2029	
End of Construction	12/31/2027	12/31/2028	12/12/2029	**Total**
Number of Days	284	365	345	994
Number of Hours	6,816	8,760	8,280	23,856
Number of Construction Days	205	260	248	713
Number of Construction Hours (8 hours/day)	1,640	2,080	1,984	5,704

Size of the construction area source (Phase 3): 539,359 sq-meters

Year	**On-site Construction Activity**	**Unmitigated Onsite DPM (tons)**	**Unmitigated Onsite PM2.5 (tons)**
2027	on site prep	0.0115	0.0629
2027	on grading	0.0307	0.0781
2027	on bc	0.0326	0.0326
2028	on bc	0.069	0.069
2029	on bc	0.0546	0.0546
2029	on arc	0.00144	0.00144
2029	on pav	0.00809	0.00809

Total Unmitigated DPM (On-site) 2.079E-01 tons

Average Emission
1.888E+05 grams
9.194E-03 grams/sec
1.705E-08 grams/m2-sec

Total Unmitigated PM2.5 (On-site) 3.067E-01 tons

Average Emission
2.785E+05 grams
1.356E-02 grams/sec
2.515E-08 grams/m2-sec

Year	**On-site Construction Activity**	**Mitigated Onsite DPM (tons)**	**Mitigated Onsite PM2.5 (tons)**
2027	on site prep	0.00071	0.0521
2027	on grading	0.0027	0.0027
2027	on bc	0.0027	0.0027
2028	on bc	0.0057	0.0057
2029	on bc	0.00452	0.00452
2029	on arc	0.00011	0.00011
2029	on pav	0.00079	0.00079

Total Mitigated DPM (On-site) 1.723E-02 tons

Average Emission
1.564E+04 grams
7.619E-04 grams/sec
1.413E-09 grams/m2-sec

Total Mitigated PM2.5 (On-site) 6.862E-02 tons

Average Emission
6.231E+04 grams
3.034E-03 grams/sec
5.626E-09 grams/m2-sec

City of Antioch - The Ranch Residential Project

Project Site | **Phase 1**

Estimation of Annual Offsite Construction DPM Emissions (No Mitigation)

Start of Construction	6/21/2021	1/1/2022	1/1/2023		
End of Construction	12/31/2021	12/31/2022	12/12/2023		**Total**
Number of Days	193	364	345		902
Number of Hours	4,632	8,736	8,280		21,648
Number of Construction Days	140	260	247		647
Number of Construction Hours (8 hours/day)	1,120	2,080	1,976		5,176

		Phase 1 2021	Phase 1 2021	Phase 1 2021	Phase 1 2021	Phase 1 2022	Phase 1 2023	Phase 1 2023	Phase 1 2023
	Construction Trip Type	Demolition	Site Preparation	Grading	Building Construction	Building Construction	Building Construction	Architectural Coating	Paving
PM2.5 Fugitive Dust	Haul Truck	0.00004	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PM2.5 Fugitive Dust	Vendor Truck	0.00000	0.00000	0.00000	0.01220	0.05560	0.04490	0.00000	0.00000
PM2.5 Fugitive Dust	Worker	0.00016	0.00038	0.00112	0.03640	0.16620	0.13420	0.00472	0.00059
PM2.5 Fugitive Dust	Total	0.00020	0.00038	0.00112	0.04860	0.22180	0.17910	0.00472	0.00059
DPM (PM2.5 Exhaust)	Haul Truck	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
DPM (PM2.5 Exhaust)	Vendor Truck	0.00000	0.00000	0.00000	0.00142	0.00563	0.00200	0.00000	0.00000
DPM (PM2.5 Exhaust)	Worker	0.00000	0.00001	0.00003	0.00082	0.00365	0.00289	0.00010	0.00001
DPM (PM2.5 Exhaust)	Total	0.00001	0.00001	0.00003	0.00224	0.00928	0.00489	0.00010	0.00001
PM2.5 Total	Haul Truck	0.00005	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PM2.5 Total	Vendor Truck	0.00000	0.00000	0.00000	0.01362	0.06123	0.04690	0.00000	0.00000
PM2.5 Total	Worker	0.00016	0.00039	0.00115	0.03722	0.16985	0.13709	0.00482	0.00060
PM2.5 Total	Total	0.00021	0.00039	0.00115	0.05084	0.23108	0.18399	0.00482	0.00060

		Haul Truck (tons)	**Vendor Truck (tons)**	**Worker (tons)**	**Total (tons)**
Total DPM		1.000E-05	9.050E-03	7.510E-03	1.657E-02
				Checking Total	1.657E-02
Average Emissions	Grams	9.080E+00	8.217E+03	6.819E+03	
	Grams/sec	4.873E-07	4.410E-04	3.660E-04	
	Default Vehicle Travel Distance in CalEEMod	20	7.3	10.8	

		Haul Truck (tons)	**Vendor Truck (tons)**	**Worker (tons)**	**Total (tons)**
Total PM2.5 Total		5.000E-05	1.218E-01	3.513E-01	4.731E-01
				Checking Total	4.731E-01
Average Emissions	Grams	4.540E+01	1.105E+05	3.190E+05	
	Grams/sec	2.436E-06	5.933E-03	1.712E-02	
	Default Vehicle Travel Distance in CalEEMod	20	7.3	10.8	

	Vehicle Travel Distances in the Construction HRA (miles)				
ACCESS POINT #1. SOUTH BOUND - Going Away	Road 1(mi)	0.67	0.67	0.67	miles
ACCESS POINT #1.SOUTH BOUND -Coming to site	Road 2(mi)	0.67	0.67	0.67	miles
ACCESS POINT #1.NORTHBOUND - Going Away	Road 3(mi)	1.08	1.08	1.08	miles
ACCESS POINT #1.NORTHBOUND - Coming to site	Road 4(mi)	1.08	1.08	1.08	miles
ACCESS POINT #2. Going Away	Road 5(mi)	0.39	0.39	0.39	miles
ACCESS POINT #2. Coming to site	Road 6(mi)	0.39	0.39	0.39	miles

Trip Distribution (percent)			
Road 1(mi)	25%	25%	25%
Road 2(mi)	25%	25%	25%
Road 3(mi)	25%	25%	25%
Road 4(mi)	25%	25%	25%
Road 5(mi)	0%	0%	0%
Road 6(mi)	0%	0%	0%

Total Average Offsite Vehicle Emissions Along Travel Distance (g/sec)				**Total**
Road 1(mi)	4.057E-09	1.006E-05	5.643E-06	0.000E+00
Road 2(mi)	4.110E-09	1.019E-05	5.716E-06	0.000E+00
Road 3(mi)	6.580E-09	1.632E-05	9.152E-06	0.000E+00
Road 4(mi)	6.553E-09	1.625E-05	9.114E-06	0.000E+00
Road 5(mi)	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Road 6(mi)	0.000E+00	0.000E+00	0.000E+00	0.000E+00

	Vehicle Travel Distances in the Construction HRA (miles)				
	Road 1(mi)	0.67	0.67	0.67	miles
	Road 2(mi)	0.67	0.67	0.67	miles
	Road 3(mi)	1.08	1.08	1.08	miles
	Road 4(mi)	1.08	1.08	1.08	miles
	Road 5(mi)	0.39	0.39	0.39	miles
	Road 6(mi)	0.39	0.39	0.39	miles

Trip Distribution (percent)			
Road 1(mi)	25%	25%	25%
Road 2(mi)	25%	25%	25%
Road 3(mi)	25%	25%	25%
Road 4(mi)	25%	25%	25%
Road 5(mi)	0%	0%	0%
Road 6(mi)	0%	0%	0%

Total Average Offsite Vehicle Emissions Along Travel Distance (g/sec)				**Total**
Road 1(mi)	2.029E-08	1.353E-04	2.639E-04	0.000E+00
Road 2(mi)	2.055E-08	1.371E-04	2.674E-04	0.000E+00
Road 3(mi)	3.290E-08	2.195E-04	4.281E-04	0.000E+00
Road 4(mi)	3.277E-08	2.186E-04	4.263E-04	0.000E+00
Road 5(mi)	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Road 6(mi)	0.000E+00	0.000E+00	0.000E+00	0.000E+00

City of Antioch - The Ranch Residential Project

Project Site

Phase 2

Estimation of Annual Offsite Construction DPM Emissions (No Mitigation)

Start of Construction	3/19/2024	1/1/2025	1/1/2026	
End of Construction	12/31/2024	12/31/2025	12/2/2026	**Total**
Number of Days	287	364	335	986
Number of Hours	6,888	8,736	8,040	23,664
Number of Construction Days	206	261	240	707
Number of Construction Hours (8 hours/day)	1,648	2,088	1,920	5,656

		Phase 2 2024	Phase 2 2024	Phase 2 2024	Phase 2 2025	Phase 2 2026	Phase 2 2026	Phase 2 2026
	Construction Trip Type	Site Preparation	Grading	Building Construction	Building Construction	Building Construction	Architectural Coating	Paving
PM2.5 Fugitive Dust	Haul Truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PM2.5 Fugitive Dust	Vendor Truck	0.00000	0.00000	0.02110	0.04340	0.03330	0.00000	0.00000
PM2.5 Fugitive Dust	Worker	0.00040	0.00122	0.06240	0.12830	0.09830	0.00392	0.00063
PM2.5 Fugitive Dust	Total	0.00040	0.00122	0.08360	0.17170	0.13160	0.00392	0.00063
DPM (PM2.5 Exhaust)	Haul Truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
DPM (PM2.5 Exhaust)	Vendor Truck	0.00000	0.00000	0.00092	0.00185	0.00139	0.00000	0.00000
DPM (PM2.5 Exhaust)	Worker	0.00001	0.00003	0.00132	0.00266	0.00198	0.00008	0.00001
DPM (PM2.5 Exhaust)	Total	0.00001	0.00003	0.00224	0.00451	0.00337	0.00008	0.00001
PM2.5 Total	Haul Truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PM2.5 Total	Vendor Truck	0.00000	0.00000	0.02202	0.04525	0.03469	0.00000	0.00000
PM2.5 Total	Worker	0.00041	0.00125	0.06372	0.13096	0.10028	0.00400	0.00064
PM2.5 Total	Total	0.00041	0.00125	0.08584	0.17621	0.13497	0.00400	0.00064

		Haul Truck (tons)	**Vendor Truck (tons)**	**Worker (tons)**	**Total (tons)**
Total DPM		0.000E+00	4.160E-03	6.090E-03	1.025E-02
				Checking Total	1.025E-02
Average Emissions	Grams	0.000E+00	3.777E+03	5.530E+03	
	Grams/sec	0.000E+00	1.855E-04	2.716E-04	
	Default Vehicle Travel Distance in CalEEMod	20	7.3	10.8	

	Vehicle Travel Distances in the Construction HRA (miles)				
ACCESS POINT #1. SOUTH BOUND - Going Away	Road 1(mi)	0.67	0.67	0.67	miles
ACCESS POINT #1.SOUTH BOUND -Coming to site	Road 2(mi)	0.67	0.67	0.67	miles
ACCESS POINT #1.NORTHBOUND - Going Away	Road 3(mi)	1.08	1.08	1.08	miles
ACCESS POINT #1.NORTHBOUND - Coming to site	Road 4(mi)	1.08	1.08	1.08	miles
ACCESS POINT #2. Going Away	Road 5(mi)	0.39	0.39	0.39	miles
ACCESS POINT #2. Coming to site	Road 6(mi)	0.39	0.39	0.39	miles
	Trip Distribution (percent)				
	Road 1(mi)	16.7%	16.7%	16.7%	
	Road 2(mi)	16.7%	16.7%	16.7%	
	Road 3(mi)	16.7%	16.7%	16.7%	
	Road 4(mi)	16.7%	16.7%	16.7%	
	Road 5(mi)	16.6%	16.6%	16.6%	
	Road 6(mi)	16.6%	16.6%	16.6%	
	Total Average Offsite Vehicle Emissions Along Travel Distance (g/sec)				**Total**
	Road 1(mi)	0.000E+00	2.827E-06	2.797E-06	0.000E+00
	Road 2(mi)	0.000E+00	2.864E-06	2.834E-06	0.000E+00
	Road 3(mi)	0.000E+00	4.585E-06	4.537E-06	0.000E+00
	Road 4(mi)	0.000E+00	4.566E-06	4.518E-06	0.000E+00
	Road 5(mi)	0.000E+00	1.644E-06	1.627E-06	0.000E+00
	Road 6(mi)	0.000E+00	1.641E-06	1.623E-06	0.000E+00

		Haul Truck (tons)	**Vendor Truck (tons)**	**Worker (tons)**	**Total (tons)**
Total PM2.5 Total		0.000E+00	1.020E-01	3.013E-01	4.032E-01
				Checking Total	4.033E-01
Average Emissions	Grams	0.000E+00	9.258E+04	2.735E+05	
	Grams/sec	0.000E+00	4.547E-03	1.343E-02	
	Default Vehicle Travel Distance in CalEEMod	20	7.3	10.8	

	Vehicle Travel Distances in the Construction HRA (miles)				
	Road 1(mi)	0.67	0.67	0.67	miles
	Road 2(mi)	0.67	0.67	0.67	miles
	Road 3(mi)	1.08	1.08	1.08	miles
	Road 4(mi)	1.08	1.08	1.08	miles
	Road 5(mi)	0.39	0.39	0.39	miles
	Road 6(mi)	0.39	0.39	0.39	miles
	Trip Distribution (percent)				
	Road 1(mi)	16.7%	16.7%	16.7%	
	Road 2(mi)	16.7%	16.7%	16.7%	
	Road 3(mi)	16.7%	16.7%	16.7%	
	Road 4(mi)	16.7%	16.7%	16.7%	
	Road 5(mi)	16.6%	16.6%	16.6%	
	Road 6(mi)	16.6%	16.6%	16.6%	
	Total Average Offsite Vehicle Emissions Along Travel Distance (g/sec)				**Total**
	Road 1(mi)	0.000E+00	6.929E-05	1.384E-04	0.000E+00
	Road 2(mi)	0.000E+00	7.019E-05	1.402E-04	0.000E+00
	Road 3(mi)	0.000E+00	1.124E-04	2.244E-04	0.000E+00
	Road 4(mi)	0.000E+00	1.119E-04	2.235E-04	0.000E+00
	Road 5(mi)	0.000E+00	4.029E-05	8.046E-05	0.000E+00
	Road 6(mi)	0.000E+00	4.021E-05	8.031E-05	0.000E+00

City of Antioch - The Ranch Residential Project

Project Site **Phase 3**

Estimation of Annual Offsite Construction DPM Emissions (No Mitigation)

Start of Construction	3/22/2027	1/1/2028	1/1/2029		
End of Construction	12/31/2027	12/31/2028	12/12/2029		**Total**
Number of Days	284	365	345		994
Number of Hours	6,816	8,760	8,280		23,856
Number of Construction Days	205	260	248		713
Number of Construction Hours (8 hours/day)	1,640	2,080	1,984		5,704

		Phase 3 2027	Phase 3 2027	Phase 3 2027	Phase 3 2028	Phase 3 2029	Phase 3 2029	Phase 3 2029
	Construction Trip Type	Site Preparation	Grading	Building Construction	Building Construction	Building Construction	Architectural Coating	Paving
PM2.5 Fugitive Dust	Haul Truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PM2.5 Fugitive Dust	Vendor Truck	0.00000	0.00000	0.02420	0.05120	0.04060	0.00000	0.00000
PM2.5 Fugitive Dust	Worker	0.00044	0.00124	0.07500	0.15850	0.12560	0.00514	0.00066
PM2.5 Fugitive Dust	Total	0.00044	0.00124	0.09920	0.20970	0.16610	0.00514	0.00066
DPM (PM2.5 Exhaust)	Haul Truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
DPM (PM2.5 Exhaust)	Vendor Truck	0.00000	0.00000	0.00098	0.00203	0.00158	0.00000	0.00000
DPM (PM2.5 Exhaust)	Worker	0.00001	0.00002	0.00143	0.00281	0.00207	0.00008	0.00001
DPM (PM2.5 Exhaust)	Total	0.00001	0.00002	0.00241	0.00484	0.00365	0.00008	0.00001
PM2.5 Total	Haul Truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PM2.5 Total	Vendor Truck	0.00000	0.00000	0.02518	0.05323	0.04218	0.00000	0.00000
PM2.5 Total	Worker	0.00045	0.00126	0.07643	0.16131	0.12767	0.00522	0.00067
PM2.5 Total	Total	0.00045	0.00126	0.10161	0.21454	0.16975	0.00522	0.00067

		Haul Truck (tons)	**Vendor Truck (tons)**	**Worker (tons)**	**Total (tons)**
Total DPM		0.000E+00	4.590E-03	6.430E-03	1.102E-02
				Checking Total	1.102E-02
Average Emissions	Grams	0.000E+00	4.168E+03	5.838E+03	
	Grams/sec	0.000E+00	2.030E-04	2.843E-04	
	Default Vehicle Travel Distance in CalEEMod	20	7.3	10.8	
	Vehicle Travel Distances in the Construction HRA (miles)				
ACCESS POINT #1. SOUTH BOUN	Road 1(mi)	0.67	0.67	0.67	miles
ACCESS POINT #1.SOUTH BOUNI	Road 2(mi)	0.67	0.67	0.67	miles
ACCESS POINT #1.NORTHBOUNI	Road 3(mi)	1.08	1.08	1.08	miles
ACCESS POINT #1.NORTHBOUNI	Road 4(mi)	1.08	1.08	1.08	miles
ACCESS POINT #2. Going Away	Road 5(mi)	0.39	0.39	0.39	miles
ACCESS POINT #2. Coming to site	Road 6(mi)	0.39	0.39	0.39	miles
	Trip Distribution (percent)				
	Road 1(mi)	16.7%	16.7%	16.7%	
	Road 2(mi)	16.7%	16.7%	16.7%	
	Road 3(mi)	16.7%	16.7%	16.7%	
	Road 4(mi)	16.7%	16.7%	16.7%	
	Road 5(mi)	16.6%	16.6%	16.6%	
	Road 6(mi)	16.6%	16.6%	16.6%	
	Total Average Offsite Vehicle Emissions Along Travel Distance (g/sec)				**Total**
	Road 1(mi)	0.000E+00	3.093E-06	2.929E-06	6.021E-06
	Road 2(mi)	0.000E+00	3.133E-06	2.967E-06	6.100E-06
	Road 3(mi)	0.000E+00	5.016E-06	4.750E-06	9.766E-06
	Road 4(mi)	0.000E+00	4.996E-06	4.730E-06	9.726E-06
	Road 5(mi)	0.000E+00	1.798E-06	1.703E-06	3.501E-06
	Road 6(mi)	0.000E+00	1.795E-06	1.700E-06	3.495E-06

		Haul Truck (tons)	**Vendor Truck (tons)**	**Worker (tons)**	**Total (tons)**
Total PM2.5 Total		0.000E+00	1.206E-01	3.730E-01	4.936E-01
				Checking Total	4.935E-01
Average Emissions	Grams	0.000E+00	1.095E+05	3.387E+05	
	Grams/sec	0.000E+00	5.332E-03	1.649E-02	
	Default Vehicle Travel Distance in CalEEMod	20	7.3	10.8	
	Vehicle Travel Distances in the Construction HRA (miles)				
	Road 1(mi)	0.67	0.67	0.67	miles
	Road 2(mi)	0.67	0.67	0.67	miles
	Road 3(mi)	1.08	1.08	1.08	miles
	Road 4(mi)	1.08	1.08	1.08	miles
	Road 5(mi)	0.39	0.39	0.39	miles
	Road 6(mi)	0.39	0.39	0.39	miles
	Trip Distribution (percent)				
	Road 1(mi)	16.7%	16.7%	16.7%	
	Road 2(mi)	16.7%	16.7%	16.7%	
	Road 3(mi)	16.7%	16.7%	16.7%	
	Road 4(mi)	16.7%	16.7%	16.7%	
	Road 5(mi)	16.6%	16.6%	16.6%	
	Road 6(mi)	16.6%	16.6%	16.6%	
	Total Average Offsite Vehicle Emissions Along Travel Distance (g/sec)				**Total**
	Road 1(mi)	0.000E+00	8.126E-05	1.699E-04	2.511E-04
	Road 2(mi)	0.000E+00	8.232E-05	1.721E-04	2.544E-04
	Road 3(mi)	0.000E+00	1.318E-04	2.755E-04	4.073E-04
	Road 4(mi)	0.000E+00	1.312E-04	2.744E-04	4.056E-04
	Road 5(mi)	0.000E+00	4.725E-05	9.879E-05	1.460E-04
	Road 6(mi)	0.000E+00	4.716E-05	9.860E-05	1.458E-04

OEHHA Cancer/BAAQMD Risk Methodology

Cancer Risk = DPM x CPF x ASF x DBR x ED x EF x TAH x AF/ AT

Cancer Risk = probability of an individual contracting cancer out of a population of 1 million people over a lifetime exposure duration of 30 years

DPM = long-term average concentration of diesel PM as predicted by the air dispersion model (ug/m3)

CPF = cancer potency factor for DPM (mg.ke-day)

ASF = age sensitivity factors that are dependent on the age of the exposed individual (unitless)

DBR = daily breathing rates that are dependent on the age of the exposed individual (liters/kg-day)

ED = exposure duration (years)

EF = exposure frequency (days/year)

TAH = time at home factors that are dependent on the age of the exposed individual (%)

AT = averaging time over the lifetime of an individual (days)

AF = adjustment factor for workers and students (unitless)

Cancer Risk Equation Values as recommended by the California Office of Environmental Health Hazards Assessment

Ranch EIR Residential Project Construction Parameters

All Construction Sources – All Phases and off-site receptors

Construction Annual DPM Emissions (PM2.5 Exhaust)

Unmitigated DPM Concentrations

Maximum DPM (ug/m3)	MIR UTM X	MIR UTM Y
0.00316856	606047.14	4201061.24

Mitigated DPM Concentrations

Maximum DPM (ug/m3)	MIR UTM X	MIR UTM Y
0.000263	606047.14	4201061.24

Construction Annual Total PM2.5 Emissions (PM2.5 Total)

Unmitigated PM2.5 Total Concentrations

Maximum PM2.5 Total (ug/m3)	MIR UTM X	MIR UTM Y
0.00470	606047.14	4201061.24

Mitigated PM2.5 Total Concentrations

Maximum PM2.5 Total (ug/m3)	MIR UTM X	MIR UTM Y
0.002765	607307.8	4201088.22
0.00107646	606047.14	4201061.24

X	Y	Total Phase 1	Total Phase 2	Total Phase 3	**Total Construction**	Total Phase 1	Total Phase 2	Total Phase 3	**Total Construction**	Total Phase 1	Total Phase 2	Total Phase 3	**Total Construction**	Total Phase 1	Total Phase 2	Total Phase 3	**Total Construction**
606047.14	4201061.24	0.00000000	0	0.003168556	0.00316856	0.00000000	0	0.000263243	0.00026324	0	0	0.004704064	0.004704064	0.00000000	0	0.001076460	0.00107646
606067.14	4201061.24	0.00000000	0	0.003116473	0.00311647	0.00000000	0	0.000258939	0.00025894	0	0	0.004627766	0.004627766	0.00000000	0	0.001059820	0.00105982
606087.14	4201061.24	0.00000000	0	0.002998126	0.00299813	0.00000000	0	0.000249146	0.00024915	0	0	0.004453757	0.004453757	0.00000000	0	0.001021352	0.00102135
606107.14	4201061.24	0.00000000	0	0.002857378	0.00285738	0.00000000	0	0.000237496	0.00023750	0	0	0.004246723	0.004246723	0.00000000	0	0.000975511	0.00097551
606357.31	4200991.9	0.00000000	0	0.002802301	0.00280230	0.00000000	0	0.000233179	0.00023318	0	0	0.004176319	0.004176319	0.00000000	0	0.000968487	0.00096849
606373.3	4200990.76	0.00000000	0	0.002795447	0.00279545	0.00000000	0	0.000232631	0.00023263	0	0	0.004167052	0.004167052	0.00000000	0	0.000967094	0.00096709
605987.14	4201081.24	0.00000000	0	0.002784042	0.00278404	0.00000000	0	0.000231342	0.00023134	0	0	0.004135165	0.004135165	0.00000000	0	0.000947838	0.00094784
606747.8	4200848.22	0.00000000	0	0.002763137	0.00276314	0.00000000	0	0.000230692	0.00023069	0	0	0.004151818	0.004151818	0.00000000	0	0.000989781	0.00098978
606047.14	4201081.24	0.00000000	0	0.002762266	0.00276227	0.00000000	0	0.000229573	0.00022957	0	0	0.004104592	0.004104592	0.00000000	0	0.000942245	0.00094225
606393.3	4200990.76	0.00000000	0	0.002761995	0.00276200	0.00000000	0	0.000229882	0.00022988	0	0	0.004118748	0.004118748	0.00000000	0	0.000957125	0.00095713
606027.14	4201081.24	0.00000000	0	0.002761487	0.00276149	0.00000000	0	0.000229496	0.00022950	0	0	0.004102912	0.004102912	0.00000000	0	0.000941442	0.00094144
605947.14	4201101.24	0.00000000	0	0.002754588	0.00275459	0.00000000	0	0.000228880	0.00022888	0	0	0.004090751	0.004090751	0.00000000	0	0.000937125	0.00093712
606007.14	4201081.24	0.00000000	0	0.002753848	0.00275385	0.00000000	0	0.000228851	0.00022885	0	0	0.004091106	0.004091106	0.00000000	0	0.000938369	0.00093837
606067.14	4201081.24	0.00000000	0	0.002725015	0.00272501	0.00000000	0	0.000226498	0.00022650	0	0	0.00405017	0.00405017	0.00000000	0	0.000930496	0.00093050
606413.3	4200990.76	0.00000000	0	0.002719841	0.00271984	0.00000000	0	0.000226414	0.00022641	0	0	0.004057657	0.004057657	0.00000000	0	0.000944339	0.00094434
606127.14	4201061.24	0.00000000	0	0.002718969	0.00271897	0.00000000	0	0.000226040	0.00022604	0	0	0.004043143	0.004043143	0.00000000	0	0.000930446	0.00093045
606687.8	4200928.22	0.00000000	0	0.002715991	0.00271599	0.00000000	0	0.000226596	0.00022660	0	0	0.004073947	0.004073947	0.00000000	0	0.000965663	0.00096566
606320.15	4201003.05	0.00000000	0	0.002696518	0.00269652	0.00000000	0	0.000224366	0.00022437	0	0	0.004018163	0.004018163	0.00000000	0	0.000931408	0.00093141
606547.8	4200968.22	0.00000000	0	0.002674365	0.00267436	0.00000000	0	0.000222845	0.00022285	0	0	0.00399932	0.00399932	0.00000000	0	0.000938327	0.00093833
606340.15	4201003.05	0.00000000	0	0.002671651	0.00267165	0.00000000	0	0.000222329	0.00022233	0	0	0.003982518	0.003982518	0.00000000	0	0.000924268	0.00092427
606433.3	4200990.76	0.00000000	0	0.002669068	0.00266907	0.00000000	0	0.000222233	0.00022223	0	0	0.003983917	0.003983917	0.00000000	0	0.000928774	0.00092877
605967.14	4201101.24	0.00000000	0	0.002660453	0.00266045	0.00000000	0	0.000221089	0.00022109	0	0	0.003952332	0.003952332	0.00000000	0	0.000906517	0.00090652
606087.14	4201081.24	0.00000000	0	0.002654726	0.00265473	0.00000000	0	0.000220687	0.00022069	0	0	0.003947044	0.003947044	0.00000000	0	0.000907878	0.00090788
606771.32	4200808.57	0.00000000	0	0.002652898	0.00265290	0.00000000	0	0.000221594	0.00022159	0	0	0.003990802	0.003990802	0.00000000	0	0.000955051	0.00095505
605927.14	4201121.24	0.00000000	0	0.002652092	0.00265209	0.00000000	0	0.000220373	0.00022037	0	0	0.003938977	0.003938977	0.00000000	0	0.000902707	0.00090271
606767.8	4200828.22	0.00000000	0	0.002649435	0.00264944	0.00000000	0	0.000221289	0.00022129	0	0	0.003984906	0.003984906	0.00000000	0	0.000953098	0.00095310
606567.8	4200968.22	0.00000000	0	0.002645377	0.00264538	0.00000000	0	0.000220480	0.00022048	0	0	0.003958166	0.003958166	0.00000000	0	0.000930415	0.00093041
606355.59	4201005.6	0.00000000	0	0.002616903	0.00261690	0.00000000	0	0.000217810	0.00021781	0	0	0.003902561	0.003902561	0.00000000	0	0.000907029	0.00090703
606453.3	4200990.76	0.00000000	0	0.002612253	0.00261225	0.00000000	0	0.000217554	0.00021755	0	0	0.003901337	0.003901337	0.00000000	0	0.000911290	0.00091129
606587.8	4200968.22	0.00000000	0	0.002605824	0.00260582	0.00000000	0	0.000217242	0.00021724	0	0	0.003901562	0.003901562	0.00000000	0	0.000919154	0.00091915
606147.14	4201061.24	0.00000000	0	0.002596851	0.00259685	0.00000000	0	0.000215935	0.00021594	0	0	0.003863624	0.003863624	0.00000000	0	0.000890788	0.00089079
606375.59	4201005.6	0.00000000	0	0.002588466	0.00258847	0.00000000	0	0.000215478	0.00021548	0	0	0.003861664	0.003861664	0.00000000	0	0.000898727	0.00089873
606747.8	4200868.22	0.00000000	0	0.002585603	0.00258560	0.00000000	0	0.000215992	0.00021599	0	0	0.003890409	0.003890409	0.00000000	0	0.000931688	0.00093169
605987.14	4201101.24	0.00000000	0	0.002583085	0.00258309	0.00000000	0	0.000214688	0.00021469	0	0	0.00383863	0.00383863	0.00000000	0	0.000881425	0.00088142
606667.8	4200948.22	0.00000000	0	0.002579891	0.00257989	0.00000000	0	0.000215281	0.00021528	0	0	0.003871565	0.003871565	0.00000000	0	0.000919089	0.00091909
606107.14	4201081.24	0.00000000	0	0.002567353	0.00256735	0.00000000	0	0.000213460	0.00021346	0	0	0.003818753	0.003818753	0.00000000	0	0.000879659	0.00087966
605947.14	4201121.24	0.00000000	0	0.002558892	0.00255889	0.00000000	0	0.000212661	0.00021266	0	0	0.003801948	0.003801948	0.00000000	0	0.000872420	0.00087242
606607.8	4200968.22	0.00000000	0	0.002556087	0.00255609	0.00000000	0	0.000213161	0.00021316	0	0	0.003829968	0.003829968	0.00000000	0	0.000904566	0.00090457
606473.3	4200990.76	0.00000000	0	0.002553831	0.00255383	0.00000000	0	0.000212741	0.00021274	0	0	0.003816426	0.003816426	0.00000000	0	0.000893318	0.00089332
605907.14	4201141.24	0.00000000	0	0.002548525	0.00254853	0.00000000	0	0.000211778	0.00021178	0	0	0.003785612	0.003785612	0.00000000	0	0.000867925	0.00086792
606007.14	4201101.24	0.00000000	0	0.002534202	0.00253420	0.00000000	0	0.000210648	0.00021065	0	0	0.003766987	0.003766987	0.00000000	0	0.000865773	0.00086577
606767.8	4200848.22	0.00000000	0	0.002511173	0.00251117	0.00000000	0	0.000209855	0.00020985	0	0	0.00378194	0.00378194	0.00000000	0	0.000908490	0.00090849
606707.8	4200928.22	0.00000000	0	0.002508588	0.00250859	0.00000000	0	0.000209477	0.00020948	0	0	0.003770964	0.003770964	0.00000000	0	0.000900270	0.00090027
606027.14	4201101.24	0.00000000	0	0.002506311	0.00250631	0.00000000	0	0.000208348	0.00020835	0	0	0.003726334	0.003726334	0.00000000	0	0.000857074	0.00085707
606493.3	4200990.76	0.00000000	0	0.002497821	0.00249782	0.00000000	0	0.000208125	0.00020813	0	0	0.003734905	0.003734905	0.00000000	0	0.000875968	0.00087597
606167.14	4201061.24	0.00000000	0	0.002496829	0.00249683	0.00000000	0	0.000207663	0.00020766	0	0	0.003716782	0.003716782	0.00000000	0	0.000858506	0.00085851
606393.3	4201010.76	0.00000000	0	0.00249614	0.00249614	0.00000000	0	0.000207848	0.00020785	0	0	0.003726362	0.003726362	0.00000000	0	0.000869176	0.00086918
606627.8	4200968.22	0.00000000	0	0.00248524	0.00248524	0.00000000	0	0.000207337	0.00020734	0	0	0.003727493	0.003727493	0.00000000	0	0.000883280	0.00088328
606047.14	4201101.24	0.00000000	0	0.00248393	0.00248393	0.00000000	0	0.000206505	0.00020651	0	0	0.00369385	0.00369385	0.00000000	0	0.000850234	0.00085023
605967.14	4201121.24	0.00000000	0	0.002475432	0.00247543	0.00000000	0	0.000205755	0.00020575	0	0	0.003679282	0.003679282	0.00000000	0	0.000845340	0.00084534
606127.14	4201081.24	0.00000000	0	0.002471515	0.00247151	0.00000000	0	0.000205532	0.00020553	0	0	0.003677965	0.003677965	0.00000000	0	0.000848635	0.00084864
606787.8	4200808.22	0.00000000	0	0.002465753	0.00246575	0.00000000	0	0.000206093	0.00020609	0	0	0.003715002	0.003715002	0.00000000	0	0.000893567	0.00089357
605927.14	4201141.24	0.00000000	0	0.002459823	0.00245982	0.00000000	0	0.000204438	0.00020444	0	0	0.003655207	0.003655207	0.00000000	0	0.000839109	0.00083911
606413.3	4201010.76	0.00000000	0	0.002459383	0.00245938	0.00000000	0	0.000204828	0.00020483	0	0	0.003673264	0.003673264	0.00000000	0	0.000858203	0.00085820
606513.3	4200990.76	0.00000000	0	0.002448415	0.00244841	0.00000000	0	0.000204063	0.00020406	0	0	0.003663411	0.003663411	0.00000000	0	0.000861090	0.00086109
606527.8	4200988.22	0.00000000	0	0.002447714	0.00244771	0.00000000	0	0.000204028	0.00020403	0	0	0.003663395	0.003663395	0.00000000	0	0.000861905	0.00086190
606067.14	4201101.24	0.00000000	0	0.00244585	0.00244585	0.00000000	0	0.000203362	0.00020336	0	0	0.003638194	0.003638194	0.00000000	0	0.000838199	0.00083820
606687.8	4200948.22	0.00000000	0	0.002424375	0.00242438	0.00000000	0	0.000202445	0.00020244	0	0	0.003644352	0.003644352	0.00000000	0	0.000870026	0.00087003
606433.3	4201010.76	0.00000000	0	0.00241703	0.00241703	0.00000000	0	0.000201345	0.00020135	0	0	0.003611979	0.003611979	0.00000000	0	0.000845452	0.00084545
606547.8	4200988.22	0.00000000	0	0.002410853	0.00241085	0.00000000	0	0.000201009	0.00020101	0	0	0.003610585	0.003610585	0.00000000	0	0.000851351	0.00085135
606187.14	4201061.24	0.00000000	0	0.002408237	0.00240824	0.00000000	0	0.000200339	0.00020034	0	0	0.003586827	0.003586827	0.00000000	0	0.000830022	0.00083002
605987.14	4201121.24	0.00000000	0	0.002406321	0.00240632	0.00000000	0	0.000200039	0.00020004	0	0	0.003577795	0.003577795	0.00000000	0	0.000823008	0.00082301
606647.8	4200968.22	0.00000000	0	0.002399586	0.00239959	0.00000000	0	0.000200284	0.00020028	0	0	0.003603112	0.003603112	0.00000000	0	0.000857041	0.00085704
606087.14	4201101.24	0.00000000	0	0.00239517	0.00239517	0.00000000	0	0.000199175	0.00019918	0	0	0.003564005	0.003564005	0.00000000	0	0.000822063	0.00082206
606787.8	4200828.22	0.00000000	0	0.002394246	0.00239425	0.00000000	0	0.000200191	0.00020019	0	0	0.003610573	0.003610573	0.00000000	0	0.000871053	0.00087105
606147.14	4201081.24	0.00000000	0	0.002381681	0.00238168	0.00000000	0	0.000198102	0.00019810	0	0	0.003546076	0.003546076	0.00000000	0	0.000819638	0.00081964
606755.19	4200886.81	0.00000000	0	0.002379986	0.00237999	0.00000000	0	0.000198958	0.00019896	0	0	0.00358729	0.00358729	0.00000000	0	0.000864036	0.00086404
605947.14	4201141.24	0.00000000	0	0.002377583	0.00237758	0.00000000	0	0.000197633	0.00019763	0	0	0.003534335	0.003534335	0.00000000	0	0.000812427	0.00081243
606567.8	4200988.22	0.00000000	0	0.002374549	0.00237455	0.00000000	0	0.000198036	0.00019804	0	0	0.003558566	0.003558566	0.00000000	0	0.000840949	0.00084095
606767.8	4200868.22	0.00000000	0	0.002373225	0.00237322	0.00000000	0	0.000198431	0.00019843	0	0	0.003578762	0.003578762	0.00000000	0	0.000863293	0.00086329
606453.3	4201010.76	0.00000000	0	0.002370985	0.00237098	0.00000000	0	0.000197558	0.00019756	0	0	0.003545292	0.003545292	0.00000000	0	0.000831528	0.00083153
605907.14	4201161.24	0.00000000	0	0.002365554	0.00236555	0.00000000	0	0.000196614	0.00019661	0	0	0.003515595	0.003515595	0.00000000	0	0.000807433	0.00080743
606007.14	4201121.24	0.00000000	0	0.002349813	0.00234981	0.00000000	0	0.000195366	0.00019537	0	0	0.003494874	0.003494874	0.00000000	0	0.000804810	0.00080481
606207.14	4201061.24	0.00000000	0	0.002334264	0.00233426	0.00000000	0	0.000194227	0.00019423	0	0	0.003478472	0.003478472	0.00000000	0	0.000806399	0.00080640
606587.8	4200988.22	0.00000000	0	0.00233384	0.00233384	0.00000000	0	0.000194702	0.00019470	0	0	0.003500254	0.003500254	0.00000000	0	0.000829305	0.00082931
606107.14	4201101.24	0.00000000	0	0.002331834	0.00233183	0.00000000	0	0.000193940	0.00019394	0	0	0.003471159	0.003471159	0.00000000	0	0.000801762	0.00080176
606473.3	4201010.76	0.00000000	0	0.00232303	0.00232303	0.00000000	0	0.000193614	0.00019361	0	0	0.003475861	0.003475861	0.00000000	0	0.000817050	0.00081705
606027.14	4201121.24	0.00000000	0	0.002308532	0.00230853	0.00000000	0	0.000191956	0.00019196	0	0	0.003434455	0.003434455	0.00000000	0	0.000791676	0.00079168
606727.8	4200928.22	0.00000000	0	0.002307584	0.00230758	0.00000000	0	0.000192876	0.00019288	0	0	0.003476867	0.003476867	0.00000000	0	0.000836421	0.00083642
605967.14	4201141.24	0.00000000	0	0.002304527	0.00230453	0.00000000	0	0.000191590	0.00019159	0	0	0.003427028	0.003427028	0.00000000	0	0.000788792	0.00078879
606167.14	4201081.24	0.00000000	0	0.002301835	0.00230184	0.00000000	0	0.000191501	0.00019150	0	0	0.003428962	0.003428962	0.00000000	0	0.000793977	0.00079398
606667.8	4200968.22	0.00000000	0	0.002301618	0.00230162	0.00000000	0	0.000192224	0.00019222	0	0	0.003461119	0.003461119	0.00000000	0	0.000827307	0.00082731
606747.8	4200908.22	0.00000000	0	0.002296415	0.00229641	0.00000000	0	0.000191995	0.00019200	0	0	0.003462347	0.003462347	0.00000000	0	0.000834747	0.00083475
605927.14	4201161.24	0.00000000	0	0.002289337	0.00228934	0.00000000	0	0.000190308	0.00019031	0	0	0.003403616	0.003403616	0.00000000	0	0.000782746	0.00078275
606607.8	4200988.22	0.00000000	0	0.002285816	0.00228582	0.00000000	0	0.000190765	0.00019076	0	0	0.00343126	0.00343126	0.00000000	0	0.000815358	0.00081536
606787.8	4200848.22	0.00000000	0	0.002284685	0.00228468	0.00000000	0	0.000191135	0.00019114	0	0	0.003449952	0.003449952	0.00000000	0	0.000835925	0.00083592
606493.3	4201010.76	0.00000000	0	0.002276664	0.00227666	0.00000000	0	0.000189803	0.00018980	0	0	0.003408816	0.003408816	0.00000000	0	0.000803139	0.00080314
606047.14	4201121.24	0.00000000	0	0.002274875	0.00227488	0.00000000	0	0.000189179	0.00018918	0	0	0.003385329	0.003385329	0.00000000	0	0.000781107	0.00078111
606227.14	4201061.24	0.00000000	0	0.002273098	0.00227310	0.00000000	0	0.000189175	0.00018918	0	0	0.003388984	0.003388984	0.00000000	0	0.000786976	0.00078698
606707.8	4200948.22	0.00000000	0	0.002267844	0.00226784	0.00000000	0	0.000189533	0.00018953	0	0	0.003416018	0.003416018	0.00000000	0	0.000821017	0.00082102
606127.14	4201101.24	0.00000000	0	0.002261184	0.00226118	0.00000000	0	0.000188099	0.00018810	0	0	0.003367519	0.003367519	0.00000000	0	0.000779044	0.00077904
606767.8	4200888.22	0.00000000	0	0.002242127	0.00224213	0.00000000	0	0.000187558	0.00018756	0	0	0.003384932	0.003384932	0.00000000	0	0.000819576	0.00081958
605987.14	4201141.24	0.00000000	0	0.002241001	0.00224100	0.00000000	0	0.000186336	0.00018634	0	0	0.003333777	0.003333777	0.00000000	0	0.000768301	0.00076830
606067.14	4201121.24	0.00000000	0	0.00223596	0.00223596	0.00000000	0	0.000185966	0.00018597	0	0	0.00332844	0.00332844	0.00000000	0	0.000768796	0.00076880
606187.14	4201081.24	0.00000000	0	0.002234269	0.00223427	0.00000000	0	0.000185919	0.00018592	0	0	0.003330024	0.003330024	0.00000000	0	0.000772433	0.00077243
606513.3	4201010.76	0.00000000	0	0.002233746	0.00223375	0.00000000	0	0.000186278	0.00018628	0	0	0.003346908	0.003346908	0.00000000	0	0.000790419	0.00079042
606527.8	4201008.22	0.00000000	0	0.002230479	0.00223048	0.00000000	0	0.000186032	0.00018603	0	0	0.003343167	0.003343167	0.00000000	0	0.000790449	0.00079045
606627.8	4200988.22	0.00000000	0	0.002229634	0.00222963	0.00000000	0	0.000186152	0.00018615	0	0	0.00335025	0.00335025	0.00000000	0	0.000798737	0.00079874
606247.14	4201061.24	0.00000000	0	0.002222396	0.00222240	0.00000000	0	0.000184992	0.00018499	0	0	0.003315009	0.003315009	0.00000000	0	0.000771086	0.00077109
605947.14	4201161.24	0.00000000	0	0.002216986	0.00221699	0.00000000	0	0.000184323	0.00018432	0	0	0.003297319	0.003297319	0.00000000	0	0.000759314	0.00075931
606807.8	4200808.22	0.00000000	0	0.002216731	0.00221673	0.00000000	0	0.000185539	0.00018554	0	0	0.003351233	0.003351233	0.00000000	0	0.000815065	0.00081507
605907.14	4201181.24	0.00000000	0	0.002201329	0.00220133	0.00000000	0	0.000183003	0.00018300	0	0	0.003273252	0.003273252	0.00000000	0	0.000753149	0.00075315
606547.8	4201008.22	0.00000000	0	0.002193204	0.00219320	0.00000000	0	0.000182979	0.00018298	0	0	0.003289722	0.003289722	0.00000000	0	0.000779733	0.00077973
606147.14	4201101.24	0.00000000	0	0.002191872	0.00219187	0.00000000	0	0.000182370	0.00018237	0	0	0.003265886	0.003265886	0.00000000	0	0.000756801	0.00075680
606007.14	4201141.24	0.00000000	0	0.002188575	0.00218857	0.00000000	0	0.000182003	0.00018200	0	0	0.003256915	0.003256915	0.00000000	0	0.000751489	0.00075149
606687.8	4200968.22	0.00000000	0	0.002188557	0.00218856	0.00000000	0	0.000182907	0.00018291	0	0	0.003296641	0.003296641	0.00000000	0	0.000792366	0.00079237
606087.14	4201121.24	0.00000000	0	0.002188119	0.00218812	0.00000000	0	0.000182014	0.00018201	0	0	0.003258377	0.003258377	0.00000000	0	0.000753532	0.00075353
606267.14	4201061.24	0.00000000	0	0.002180453	0.00218045	0.00000000	0	0.000181535	0.00018154	0	0	0.003253957	0.003253957	0.00000000	0	0.000758088	0.00075809
606207.14	4201081.24	0.00000000	0	0.002170905	0.00217091	0.00000000	0	0.000180686	0.00018069	0	0	0.003237313	0.003237313	0.00000000	0	0.000752304	0.00075230
606787.8	4200868.22	0.00000000	0	0.002164644	0.00216464	0.00000000	0	0.000181188	0.00018119	0	0	0.003272863	0.003272863	0.00000000	0	0.000796299	0.00079630
606647.8	4200988.22	0.00000000	0	0.002160043	0.00216004	0.00000000	0	0.000180436	0.00018044	0	0	0.003249799	0.003249799	0.00000000	0	0.000778041	0.00077804
606567.8	4201008.22	0.00000000	0	0.002155635	0.00215563	0.00000000	0	0.000179904	0.00017990	0	0	0.003235981	0.003235981	0.00000000	0	0.000769063	0.00076906
605967.14	4201161.24	0.00000000	0	0.002152032	0.00215203	0.00000000	0	0.000178951	0.00017895	0	0	0.003201955	0.003201955	0.00000000	0	0.000738345	0.00073835
606807.8	4200828.22	0.00000000	0	0.00215055	0.00215055	0.00000000	0	0.000180072	0.00018007	0	0	0.003254344	0.003254344	0.00000000	0	0.000793985	0.00079398
606287.14	4201061.24	0.00000000	0	0.002145174	0.00214517	0.00000000	0	0.000178632	0.00017863	0	0	0.003202789	0.003202789	0.00000000	0	0.000747344	0.00074734
606027.14	4201141.24	0.00000000	0	0.002143474	0.00214347	0.00000000	0	0.000178276	0.00017828	0	0	0.00319085	0.00319085	0.00000000	0	0.000737083	0.00073708
606107.14	4201121.24	0.00000000	0	0.002137552	0.00213755	0.00000000	0	0.000177837	0.00017784	0	0	0.003184359	0.003184359	0.00000000	0	0.000737438	0.00073744
605927.14	4201181.24	0.00000000	0	0.002134501	0.00213450	0.00000000	0	0.000177476	0.00017748	0	0	0.003175113	0.003175113	0.00000000	0	0.000731550	0.00073155
606167.14	4201101.24	0.00000000	0	0.002129585	0.00212958	0.00000000	0	0.000177224	0.00017722	0	0	0.003174694	0.003174694	0.00000000	0	0.000736955	0.00073696
606747.8	4200928.22	0.00000000	0	0.002126089	0.00212609	0.00000000	0	0.000177904	0.00017790	0	0	0.003212073	0.003212073	0.00000000	0	0.000779550	0.00077955
606587.8	4201008.22	0.00000000	0	0.002116506	0.00211651	0.00000000	0	0.000176701	0.00017670	0	0	0.003179988	0.003179988	0.00000000	0	0.000757928	0.00075793
606227.14	4201081.24	0.00000000	0	0.002116395	0.00211639	0.00000000	0	0.000176186	0.00017619	0	0	0.003157662	0.003157662	0.00000000	0	0.000735097	0.00073510
606727.8	4200948.22	0.00000000	0	0.002115299	0.00211530	0.00000000	0	0.000176951	0.00017695	0	0	0.003193558	0.003193558	0.00000000	0	0.000773316	0.00077332
606307.14	4201061.24	0.00000000	0	0.002114831	0.00211483	0.00000000	0	0.000176138	0.00017614	0	0	0.003158934	0.003158934	0.00000000	0	0.000738263	0.00073826
606047.14	4201141.24	0.00000000	0	0.002102928	0.00210293	0.00000000	0	0.000174927	0.00017493	0	0	0.00313152	0.00313152	0.00000000	0	0.000724198	0.00072420
606767.8	4200908.22	0.00000000	0	0.002097699	0.00209770	0.00000000	0	0.000175594	0.00017559	0	0	0.003172046	0.003172046	0.00000000	0	0.000772086	0.00077209
605987.14	4201161.24	0.00000000	0	0.002095078	0.00209508	0.00000000	0	0.000174242	0.00017424	0	0	0.003118406	0.003118406	0.00000000	0	0.000720030	0.00072003
606127.14	4201121.24	0.00000000	0	0.00208234	0.00208234	0.00000000	0	0.000173275	0.00017327	0	0	0.003103499	0.003103499	0.00000000	0	0.000719821	0.00071982
606667.8	4200988.22	0.00000000	0	0.002079491	0.00207949	0.00000000	0	0.000173819	0.00017382	0	0	0.003133525	0.003133525	0.00000000	0	0.000754083	0.00075408
606187.14	4201101.24	0.00000000	0	0.002073002	0.00207300	0.00000000	0	0.000172552	0.00017255	0	0	0.003091948	0.003091948	0.00000000	0	0.000719026	0.00071903
606607.8	4201008.22	0.00000000	0	0.002072403	0.00207240	0.00000000	0	0.000173087	0.00017309	0	0	0.003116726	0.003116726	0.00000000	0	0.000745221	0.00074522
605947.14	4201181.24	0.00000000	0	0.002071316	0.00207132	0.00000000	0	0.000172250	0.00017225	0	0	0.003082332	0.003082332	0.00000000	0	0.000711138	0.00071114
606247.14	4201081.24	0.00000000	0	0.002069763	0.00206976	0.00000000	0	0.000172341	0.00017234	0	0	0.003089691	0.003089691	0.00000000	0	0.000720550	0.00072055
606707.8	4200968.22	0.00000000	0	0.002067777	0.00206778	0.00000000	0	0.000172954	0.00017295	0	0	0.003120901	0.003120901	0.00000000	0	0.000755006	0.00075501
606067.14	4201141.24	0.00000000	0	0.002064552	0.00206455	0.00000000	0	0.000171759	0.00017176	0	0	0.003075425	0.003075425	0.00000000	0	0.000712064	0.00071206
606807.8	4200848.22	0.00000000	0	0.002063785	0.00206379	0.00000000	0	0.000172903	0.00017290	0	0	0.00312726	0.00312726	0.00000000	0	0.000766284	0.00076628
605907.14	4201201.24	0.00000000	0	0.002052928	0.00205293	0.00000000	0	0.000170704	0.00017070	0	0	0.003054262	0.003054262	0.00000000	0	0.000704098	0.00070410
606007.14	4201161.24	0.00000000	0	0.002044929	0.00204493	0.00000000	0	0.000170097	0.00017010	0	0	0.003044899	0.003044899	0.00000000	0	0.000703965	0.00070396
606787.8	4200888.22	0.00000000	0	0.002043976	0.00204398	0.00000000	0	0.000171200	0.00017120	0	0	0.003095333	0.003095333	0.00000000	0	0.000756965	0.00075697
606267.14	4201081.24	0.00000000	0	0.00202995	0.00202995	0.00000000	0	0.000169061	0.00016906	0	0	0.003031808	0.003031808	0.00000000	0	0.000708282	0.00070828
606147.14	4201121.24	0.00000000	0	0.002026513	0.00202651	0.00000000	0	0.000168663	0.00016866	0	0	0.003021749	0.003021749	0.00000000	0	0.000702017	0.00070202
606627.8	4201008.22	0.00000000	0	0.002023298	0.00202330	0.00000000	0	0.000169064	0.00016906	0	0	0.003046316	0.003046316	0.00000000	0	0.000731100	0.00073110
606087.14	4201141.24	0.00000000	0	0.00202024	0.00202024	0.00000000	0	0.000168098	0.00016810	0	0	0.003010544	0.003010544	0.00000000	0	0.000697941	0.00069794
606207.14	4201101.24	0.00000000	0	0.002019628	0.00201963	0.00000000	0	0.000168145	0.00016814	0	0	0.003013915	0.003013915	0.00000000	0	0.000702133	0.00070213
605967.14	4201181.24	0.00000000	0	0.002013917	0.00201392	0.00000000	0	0.000167504	0.00016750	0	0	0.002998115	0.002998115	0.00000000	0	0.000692664	0.00069266
606827.8	4200808.22	0.00000000	0	0.00201223	0.00201223	0.00000000	0	0.000168663	0.00016866	0	0	0.003052624	0.003052624	0.00000000	0	0.000750728	0.00075073
606027.14	4201161.24	0.00000000	0	0.002000628	0.00200063	0.00000000	0	0.000166437	0.00016644	0	0	0.002980021	0.002980021	0.00000000	0	0.000689831	0.00068983
606287.14	4201081.24	0.00000000	0	0.001995812	0.00199581	0.00000000	0	0.000166252	0.00016625	0	0	0.002982298	0.002982298	0.00000000	0	0.000697890	0.00069789
605927.14	4201201.24	0.00000000	0	0.001993075	0.00199308	0.00000000	0	0.000165754	0.00016575	0	0	0.002966384	0.002966384	0.00000000	0	0.000684772	0.00068477
606687.8	4200988.22	0.00000000	0	0.001990946	0.00199095	0.00000000	0	0.000166532	0.00016653	0	0	0.003005114	0.003005114	0.00000000	0	0.000727132	0.00072713
606227.14	4201101.24	0.00000000	0	0.001976485	0.00197648	0.00000000	0	0.000164588	0.00016459	0	0	0.002951074	0.002951074	0.00000000	0	0.000688722	0.00068872
606167.14	4201121.24	0.00000000	0	0.001975477	0.00197548	0.00000000	0	0.000164449	0.00016445	0	0	0.002947145	0.002947145	0.00000000	0	0.000685877	0.00068588
606107.14	4201141.24	0.00000000	0	0.001974899	0.00197490	0.00000000	0	0.000164353	0.00016435	0	0	0.0029442	0.0029442	0.00000000	0	0.000683535	0.00068353
606747.8	4200948.22	0.00000000	0	0.001969478	0.00196948	0.00000000	0	0.000164929	0.00016493	0	0	0.002981171	0.002981171	0.00000000	0	0.000727993	0.00072799
606807.8	4200868.22	0.00000000	0	0.001969216	0.00196922	0.00000000	0	0.000165073	0.00016507	0	0	0.002988024	0.002988024	0.00000000	0	0.000735352	0.00073535
606307.14	4201081.24	0.00000000	0	0.001965769	0.00196577	0.00000000	0	0.000163783	0.00016378	0	0	0.002938894	0.002938894	0.00000000	0	0.000688915	0.00068892

606647.8	4201008.22	0.00000000	0	0.001965614	0.00196561	0.00000000	0	0.000164330	0.00016433	0	0	0.002963236	0.002963236	0.00000000	0	0.000714134	0.00071413
605987.14	4201181.24	0.00000000	0	0.001962301	0.00196230	0.00000000	0	0.000163237	0.00016324	0	0	0.002922437	0.002922437	0.00000000	0	0.000676107	0.00067611
606767.8	4200928.22	0.00000000	0	0.001961043	0.00196104	0.00000000	0	0.000164294	0.00016429	0	0	0.002971526	0.002971526	0.00000000	0	0.000728086	0.00072809
606047.14	4201161.24	0.00000000	0	0.001960177	0.00196018	0.00000000	0	0.000163096	0.00016310	0	0	0.002920831	0.002920831	0.00000000	0	0.000676976	0.00067698
606827.8	4200828.22	0.00000000	0	0.001952207	0.00195221	0.00000000	0	0.000163713	0.00016371	0	0	0.002965121	0.002965121	0.00000000	0	0.000731988	0.00073199
606727.8	4200968.22	0.00000000	0	0.001946554	0.00194655	0.00000000	0	0.000162968	0.00016297	0	0	0.002944638	0.002944638	0.00000000	0	0.000717633	0.00071763
605947.14	4201201.24	0.00000000	0	0.00193797	0.00193797	0.00000000	0	0.000161198	0.00016120	0	0	0.00288553	0.00288553	0.00000000	0	0.000667033	0.00066703
606247.14	4201101.24	0.00000000	0	0.00193423	0.00193423	0.00000000	0	0.000161106	0.00016111	0	0	0.002889572	0.002889572	0.00000000	0	0.000675631	0.00067563
606127.14	4201141.24	0.00000000	0	0.001928695	0.00192870	0.00000000	0	0.000160538	0.00016054	0	0	0.002876622	0.002876622	0.00000000	0	0.000668883	0.00066888
606787.8	4200908.22	0.00000000	0	0.001928517	0.00192852	0.00000000	0	0.000161660	0.00016166	0	0	0.002926231	0.002926231	0.00000000	0	0.000720115	0.00072011
606187.14	4201121.24	0.00000000	0	0.001926977	0.00192698	0.00000000	0	0.000160446	0.00016045	0	0	0.002876296	0.002876296	0.00000000	0	0.000670587	0.00067059
606067.14	4201161.24	0.00000000	0	0.001920039	0.00192004	0.00000000	0	0.000159781	0.00015978	0	0	0.002862092	0.002862092	0.00000000	0	0.000664216	0.00066422
605907.14	4201221.24	0.00000000	0	0.001917863	0.00191786	0.00000000	0	0.000159510	0.00015951	0	0	0.002854943	0.002854943	0.00000000	0	0.000659446	0.00065945
606007.14	4201181.24	0.00000000	0	0.001915997	0.00191600	0.00000000	0	0.000159411	0.00015941	0	0	0.002854599	0.002854599	0.00000000	0	0.000661306	0.00066131
606667.8	4201008.22	0.00000000	0	0.001898471	0.00189847	0.00000000	0	0.000158816	0.00015882	0	0	0.00286637	0.00286637	0.00000000	0	0.000694218	0.00069422
606267.14	4201101.24	0.00000000	0	0.001897194	0.00189719	0.00000000	0	0.000158056	0.00015806	0	0	0.002835784	0.002835784	0.00000000	0	0.000664277	0.00066428
606707.8	4200988.22	0.00000000	0	0.001895887	0.00189589	0.00000000	0	0.000158710	0.00015871	0	0	0.002867285	0.002867285	0.00000000	0	0.000698228	0.00069823
605967.14	4201201.24	0.00000000	0	0.001887278	0.00188728	0.00000000	0	0.000157007	0.00015701	0	0	0.002811195	0.002811195	0.00000000	0	0.000650760	0.00065076
606207.14	4201121.24	0.00000000	0	0.001882982	0.00188298	0.00000000	0	0.000156817	0.00015682	0	0	0.002812132	0.002812132	0.00000000	0	0.000656825	0.00065683
606827.8	4200848.22	0.00000000	0	0.001881817	0.00188182	0.00000000	0	0.000157896	0.00015790	0	0	0.002861988	0.002861988	0.00000000	0	0.000709483	0.00070948
606147.14	4201141.24	0.00000000	0	0.001881254	0.00188125	0.00000000	0	0.000156620	0.00015662	0	0	0.002807223	0.002807223	0.00000000	0	0.000653827	0.00065383
606087.14	4201161.24	0.00000000	0	0.001880224	0.00188022	0.00000000	0	0.000156493	0.00015649	0	0	0.002803863	0.002803863	0.00000000	0	0.000651594	0.00065159
606027.14	4201181.24	0.00000000	0	0.001873702	0.00187370	0.00000000	0	0.000155917	0.00015592	0	0	0.002792679	0.002792679	0.00000000	0	0.000647834	0.00064783
606807.8	4200888.22	0.00000000	0	0.001872356	0.00187236	0.00000000	0	0.000157060	0.00015706	0	0	0.002845736	0.002845736	0.00000000	0	0.000704000	0.00070400
605927.14	4201221.24	0.00000000	0	0.001865532	0.00186553	0.00000000	0	0.000155183	0.00015518	0	0	0.002778158	0.002778158	0.00000000	0	0.000642599	0.00064260
606287.14	4201101.24	0.00000000	0	0.001864613	0.00186461	0.00000000	0	0.000155376	0.00015538	0	0	0.002788603	0.002788603	0.00000000	0	0.000654432	0.00065443
606227.14	4201121.24	0.00000000	0	0.001844781	0.00184478	0.00000000	0	0.000153670	0.00015367	0	0	0.00275657	0.00275657	0.00000000	0	0.000645030	0.00064503
605987.14	4201201.24	0.00000000	0	0.001841307	0.00184131	0.00000000	0	0.000153209	0.00015321	0	0	0.002743852	0.002743852	0.00000000	0	0.000636075	0.00063607
606847.8	4200808.22	0.00000000	0	0.001840122	0.00184012	0.00000000	0	0.000154480	0.00015448	0	0	0.002802166	0.002802166	0.00000000	0	0.000697455	0.00069746
606107.14	4201161.24	0.00000000	0	0.001838163	0.00183816	0.00000000	0	0.000153019	0.00015302	0	0	0.002742315	0.002742315	0.00000000	0	0.000638227	0.00063823
606167.14	4201141.24	0.00000000	0	0.001837469	0.00183747	0.00000000	0	0.000153007	0.00015301	0	0	0.002743289	0.002743289	0.00000000	0	0.000640051	0.00064005
606307.14	4201101.24	0.00000000	0	0.001835539	0.00183554	0.00000000	0	0.000152988	0.00015299	0	0	0.002746645	0.002746645	0.00000000	0	0.000645795	0.00064580
606047.14	4201181.24	0.00000000	0	0.001834847	0.00183485	0.00000000	0	0.000152708	0.00015271	0	0	0.002735845	0.002735845	0.00000000	0	0.000635510	0.00063551
606767.8	4200948.22	0.00000000	0	0.001833381	0.00183338	0.00000000	0	0.000153720	0.00015372	0	0	0.002783385	0.002783385	0.00000000	0	0.000686142	0.00068614
606747.8	4200968.22	0.00000000	0	0.001827603	0.00182760	0.00000000	0	0.000153175	0.00015318	0	0	0.00277198	0.00277198	0.00000000	0	0.000681272	0.00068127
606687.8	4201008.22	0.00000000	0	0.001826297	0.00182630	0.00000000	0	0.000152886	0.00015289	0	0	0.002762121	0.002762121	0.00000000	0	0.000672682	0.00067268
605947.14	4201221.24	0.00000000	0	0.001816612	0.00181661	0.00000000	0	0.000151139	0.00015114	0	0	0.002706417	0.002706417	0.00000000	0	0.000626890	0.00062689
606787.8	4200928.22	0.00000000	0	0.001815559	0.00181556	0.00000000	0	0.000152309	0.00015231	0	0	0.002759982	0.002759982	0.00000000	0	0.000683231	0.00068323
606247.14	4201121.24	0.00000000	0	0.001810415	0.00181042	0.00000000	0	0.000150840	0.00015084	0	0	0.002706676	0.002706676	0.00000000	0	0.000634513	0.00063451
606827.8	4200868.22	0.00000000	0	0.001804875	0.00180488	0.00000000	0	0.000151536	0.00015154	0	0	0.002749166	0.002749166	0.00000000	0	0.000684790	0.00068479
606007.14	4201201.24	0.00000000	0	0.001799556	0.00179956	0.00000000	0	0.000149760	0.00014976	0	0	0.002682741	0.002682741	0.00000000	0	0.000622788	0.00062279
606727.8	4200988.22	0.00000000	0	0.001798148	0.00179815	0.00000000	0	0.000150670	0.00015067	0	0	0.002725693	0.002725693	0.00000000	0	0.000668634	0.00066863
606127.14	4201161.24	0.00000000	0	0.001796886	0.00179689	0.00000000	0	0.000149611	0.00014961	0	0	0.002681973	0.002681973	0.00000000	0	0.000625168	0.00062517
606067.14	4201181.24	0.00000000	0	0.001795448	0.00179545	0.00000000	0	0.000149453	0.00014945	0	0	0.002678171	0.002678171	0.00000000	0	0.000622965	0.00062297
606187.14	4201141.24	0.00000000	0	0.001795203	0.00179520	0.00000000	0	0.000149520	0.00014952	0	0	0.002681609	0.002681609	0.00000000	0	0.000626791	0.00062679
605907.14	4201241.24	0.00000000	0	0.001793755	0.00179375	0.00000000	0	0.000149224	0.00014922	0	0	0.002671774	0.002671774	0.00000000	0	0.000618397	0.00061840
606847.8	4200828.22	0.00000000	0	0.001788376	0.00178838	0.00000000	0	0.000150216	0.00015022	0	0	0.002726897	0.002726897	0.00000000	0	0.000681474	0.00068147
606267.14	4201121.24	0.00000000	0	0.00177869	0.00177869	0.00000000	0	0.000148231	0.00014823	0	0	0.002660739	0.002660739	0.00000000	0	0.000624931	0.00062493
606807.8	4200908.22	0.00000000	0	0.001777113	0.00177711	0.00000000	0	0.000149191	0.00014919	0	0	0.002706263	0.002706263	0.00000000	0	0.000673623	0.00067362
605967.14	4201221.24	0.00000000	0	0.001770668	0.00177067	0.00000000	0	0.000147342	0.00014734	0	0	0.002639068	0.002639068	0.00000000	0	0.000612166	0.00061217
606027.14	4201201.24	0.00000000	0	0.001761112	0.00176111	0.00000000	0	0.000146585	0.00014659	0	0	0.002626513	0.002626513	0.00000000	0	0.000610599	0.00061060
606207.14	4201141.24	0.00000000	0	0.001758032	0.00175803	0.00000000	0	0.000146457	0.00014646	0	0	0.002627526	0.002627526	0.00000000	0	0.000615296	0.00061530
606087.14	4201181.24	0.00000000	0	0.001757365	0.00175737	0.00000000	0	0.000146309	0.00014631	0	0	0.002622469	0.002622469	0.00000000	0	0.000610887	0.00061089
606147.14	4201161.24	0.00000000	0	0.001755379	0.00175538	0.00000000	0	0.000146184	0.00014618	0	0	0.002621309	0.002621309	0.00000000	0	0.000612051	0.00061205
606527.8	4201068.22	0.00000000	0	0.00174934	0.00174934	0.00000000	0	0.000146150	0.00014615	0	0	0.002632824	0.002632824	0.00000000	0	0.000631064	0.00063106
605927.14	4201241.24	0.00000000	0	0.001748268	0.00174827	0.00000000	0	0.000145464	0.00014546	0	0	0.002605086	0.002605086	0.00000000	0	0.000603810	0.00060381
606287.14	4201121.24	0.00000000	0	0.001748181	0.00174818	0.00000000	0	0.000145724	0.00014572	0	0	0.002616654	0.002616654	0.00000000	0	0.000615810	0.00061581
605987.14	4201221.24	0.00000000	0	0.001729156	0.00172916	0.00000000	0	0.000143913	0.00014391	0	0	0.00257829	0.00257829	0.00000000	0	0.000598939	0.00059894
606847.8	4200848.22	0.00000000	0	0.001728954	0.00172895	0.00000000	0	0.000145307	0.00014531	0	0	0.002639911	0.002639911	0.00000000	0	0.000662554	0.00066255
606827.8	4200888.22	0.00000000	0	0.001725082	0.00172508	0.00000000	0	0.000144939	0.00014494	0	0	0.00263213	0.00263213	0.00000000	0	0.000659147	0.00065915
606047.14	4201201.24	0.00000000	0	0.001723782	0.00172378	0.00000000	0	0.000143503	0.00014350	0	0	0.002571918	0.002571918	0.00000000	0	0.000598765	0.00059877
606227.14	4201141.24	0.00000000	0	0.001723515	0.00172351	0.00000000	0	0.000143614	0.00014361	0	0	0.002577379	0.002577379	0.00000000	0	0.000604699	0.00060470
606307.14	4201121.24	0.00000000	0	0.001720472	0.00172047	0.00000000	0	0.000143449	0.00014345	0	0	0.002576729	0.002576729	0.00000000	0	0.000607642	0.00060764
606547.8	4201068.22	0.00000000	0	0.00171911	0.00171911	0.00000000	0	0.000143680	0.00014368	0	0	0.002589797	0.002589797	0.00000000	0	0.000622700	0.00062270
606107.14	4201181.24	0.00000000	0	0.001718714	0.00171871	0.00000000	0	0.000143117	0.00014312	0	0	0.002565928	0.002565928	0.00000000	0	0.000598620	0.00059862
606167.14	4201161.24	0.00000000	0	0.001716539	0.00171654	0.00000000	0	0.000142980	0.00014298	0	0	0.002564637	0.002564637	0.00000000	0	0.000599875	0.00059987
606767.8	4200968.22	0.00000000	0	0.001714907	0.00171491	0.00000000	0	0.000143905	0.00014391	0	0	0.00260875	0.00260875	0.00000000	0	0.000647181	0.00064718
606787.8	4200948.22	0.00000000	0	0.001709198	0.00170920	0.00000000	0	0.000143502	0.00014350	0	0	0.002603373	0.002603373	0.00000000	0	0.000648429	0.00064843
605947.14	4201241.24	0.00000000	0	0.001705058	0.00170506	0.00000000	0	0.000141893	0.00014189	0	0	0.002541765	0.002541765	0.00000000	0	0.000589981	0.00058998
606747.8	4200988.22	0.00000000	0	0.001700531	0.00170053	0.00000000	0	0.000142646	0.00014265	0	0	0.002584566	0.002584566	0.00000000	0	0.000639375	0.00063938
606247.14	4201141.24	0.00000000	0	0.00169379	0.00169379	0.00000000	0	0.000141170	0.00014117	0	0	0.002534367	0.002534367	0.00000000	0	0.000595750	0.00059575
606867.8	4200808.22	0.00000000	0	0.001693513	0.00169351	0.00000000	0	0.000142414	0.00014241	0	0	0.002589537	0.002589537	0.00000000	0	0.000652819	0.00065282
606007.14	4201221.24	0.00000000	0	0.001691156	0.00169116	0.00000000	0	0.000140775	0.00014077	0	0	0.002522711	0.002522711	0.00000000	0	0.000586888	0.00058689
606567.8	4201068.22	0.00000000	0	0.001688192	0.00168819	0.00000000	0	0.000141157	0.00014116	0	0	0.00254587	0.00254587	0.00000000	0	0.000614226	0.00061423
606067.14	4201201.24	0.00000000	0	0.001686977	0.00168698	0.00000000	0	0.000140463	0.00014046	0	0	0.002518078	0.002518078	0.00000000	0	0.000587085	0.00058708
606807.8	4200928.22	0.00000000	0	0.001685099	0.00168510	0.00000000	0	0.000141575	0.00014157	0	0	0.002570903	0.002570903	0.00000000	0	0.000643642	0.00064364
606127.14	4201181.24	0.00000000	0	0.001681379	0.00168138	0.00000000	0	0.000140035	0.00014003	0	0	0.00251138	0.00251138	0.00000000	0	0.000586841	0.00058684
606187.14	4201161.24	0.00000000	0	0.001679961	0.00167996	0.00000000	0	0.000139964	0.00013996	0	0	0.00251135	0.00251135	0.00000000	0	0.000588494	0.00058849
606267.14	4201141.24	0.00000000	0	0.001667907	0.00166791	0.00000000	0	0.000139045	0.00013905	0	0	0.002497061	0.002497061	0.00000000	0	0.000588109	0.00058811
606847.8	4200868.22	0.00000000	0	0.001664553	0.00166455	0.00000000	0	0.000139991	0.00013999	0	0	0.002545791	0.002545791	0.00000000	0	0.000642207	0.00064221
605967.14	4201241.24	0.00000000	0	0.001664328	0.00166433	0.00000000	0	0.000138528	0.00013853	0	0	0.002482106	0.002482106	0.00000000	0	0.000576976	0.00057698
606027.14	4201221.24	0.00000000	0	0.001656915	0.00165692	0.00000000	0	0.000137949	0.00013795	0	0	0.002472712	0.002472712	0.00000000	0	0.000576115	0.00057611
606587.8	4201068.22	0.00000000	0	0.001656657	0.00165666	0.00000000	0	0.000138583	0.00013858	0	0	0.002501087	0.002501087	0.00000000	0	0.000605604	0.00060560
605907.14	4201261.24	0.00000000	0	0.00165372	0.00165372	0.00000000	0	0.000137610	0.00013761	0	0	0.002464755	0.002464755	0.00000000	0	0.000571725	0.00057172
606087.14	4201201.24	0.00000000	0	0.001649757	0.00164976	0.00000000	0	0.000137389	0.00013739	0	0	0.002463595	0.002463595	0.00000000	0	0.000575236	0.00057524
606867.8	4200828.22	0.00000000	0	0.001649604	0.00164960	0.00000000	0	0.000138804	0.00013880	0	0	0.002526022	0.002526022	0.00000000	0	0.000639621	0.00063962
606207.14	4201161.24	0.00000000	0	0.001647336	0.00164734	0.00000000	0	0.000137278	0.00013728	0	0	0.002463972	0.002463972	0.00000000	0	0.000578498	0.00057850
606827.8	4200908.22	0.00000000	0	0.001645796	0.00164580	0.00000000	0	0.000138390	0.00013839	0	0	0.002516098	0.002516098	0.00000000	0	0.000633935	0.00063394
606147.14	4201181.24	0.00000000	0	0.001644667	0.00164467	0.00000000	0	0.000137005	0.00013701	0	0	0.002457773	0.002457773	0.00000000	0	0.000575291	0.00057529
606287.14	4201141.24	0.00000000	0	0.001643703	0.00164370	0.00000000	0	0.000137061	0.00013706	0	0	0.002462286	0.002462286	0.00000000	0	0.000581077	0.00058108
605927.14	4201261.24	0.00000000	0	0.001637741	0.00163774	0.00000000	0	0.000136302	0.00013630	0	0	0.002441892	0.002441892	0.00000000	0	0.000567180	0.00056718
606527.8	4201088.22	0.00000000	0	0.00162902	0.00162902	0.00000000	0	0.000136175	0.00013617	0	0	0.002455126	0.002455126	0.00000000	0	0.000591144	0.00059114
605987.14	4201241.24	0.00000000	0	0.001626143	0.00162614	0.00000000	0	0.000135374	0.00013537	0	0	0.002426208	0.002426208	0.00000000	0	0.000564818	0.00056482
606047.14	4201221.24	0.00000000	0	0.00162457	0.00162457	0.00000000	0	0.000135280	0.00013528	0	0	0.002425511	0.002425511	0.00000000	0	0.000565969	0.00056597
606607.8	4201068.22	0.00000000	0	0.00162357	0.00162357	0.00000000	0	0.000135883	0.00013588	0	0	0.002454098	0.002454098	0.00000000	0	0.000596557	0.00059656
606307.14	4201141.24	0.00000000	0	0.00161771	0.00161771	0.00000000	0	0.000134929	0.00013493	0	0	0.002424903	0.002424903	0.00000000	0	0.000573488	0.00057349
606227.14	4201161.24	0.00000000	0	0.001616449	0.00161645	0.00000000	0	0.000134736	0.00013474	0	0	0.00241917	0.00241917	0.00000000	0	0.000569088	0.00056909
606107.14	4201201.24	0.00000000	0	0.001613408	0.00161341	0.00000000	0	0.000134387	0.00013439	0	0	0.002410417	0.002410417	0.00000000	0	0.000563696	0.00056370
606167.14	4201181.24	0.00000000	0	0.001610061	0.00161006	0.00000000	0	0.000134152	0.00013415	0	0	0.00240734	0.00240734	0.00000000	0	0.000564505	0.00056450
606787.8	4200968.22	0.00000000	0	0.001609641	0.00160964	0.00000000	0	0.000135257	0.00013526	0	0	0.002456726	0.002456726	0.00000000	0	0.000615794	0.00061579
605947.14	4201261.24	0.00000000	0	0.001602288	0.00160229	0.00000000	0	0.000133375	0.00013338	0	0	0.002390061	0.002390061	0.00000000	0	0.000555961	0.00055596
606547.8	4201088.22	0.00000000	0	0.001601176	0.00160118	0.00000000	0	0.000133903	0.00013390	0	0	0.002415628	0.002415628	0.00000000	0	0.000583576	0.00058358
606867.8	4200848.22	0.00000000	0	0.001598677	0.00159868	0.00000000	0	0.000134602	0.00013460	0	0	0.002451678	0.002451678	0.00000000	0	0.000623618	0.00062362
606847.8	4200888.22	0.00000000	0	0.001597837	0.00159784	0.00000000	0	0.000134482	0.00013448	0	0	0.002448237	0.002448237	0.00000000	0	0.000621077	0.00062108
606807.8	4200948.22	0.00000000	0	0.001596601	0.00159660	0.00000000	0	0.000134249	0.00013425	0	0	0.002440691	0.002440691	0.00000000	0	0.000614784	0.00061478
606007.14	4201241.24	0.00000000	0	0.001591994	0.00159199	0.00000000	0	0.000132555	0.00013255	0	0	0.002376315	0.002376315	0.00000000	0	0.000554044	0.00055404
606067.14	4201221.24	0.00000000	0	0.001591355	0.00159135	0.00000000	0	0.000132539	0.00013254	0	0	0.002376993	0.002376993	0.00000000	0	0.000555500	0.00055550
606247.14	4201161.24	0.00000000	0	0.001589045	0.00158904	0.00000000	0	0.000132484	0.00013248	0	0	0.002379561	0.002379561	0.00000000	0	0.000560884	0.00056088
606627.8	4201068.22	0.00000000	0	0.001588613	0.00158861	0.00000000	0	0.000133030	0.00013303	0	0	0.002404442	0.002404442	0.00000000	0	0.000586986	0.00058699
606127.14	4201201.24	0.00000000	0	0.001578478	0.00157848	0.00000000	0	0.000131503	0.00013150	0	0	0.002359369	0.002359369	0.00000000	0	0.000552661	0.00055266
606187.14	4201181.24	0.00000000	0	0.001578005	0.00157801	0.00000000	0	0.000131511	0.00013151	0	0	0.002360727	0.002360727	0.00000000	0	0.000554619	0.00055462
606567.8	4201088.22	0.00000000	0	0.001573079	0.00157308	0.00000000	0	0.000131612	0.00013161	0	0	0.002375819	0.002375819	0.00000000	0	0.000575988	0.00057599
606827.8	4200928.22	0.00000000	0	0.001568663	0.00156866	0.00000000	0	0.000132012	0.00013201	0	0	0.002402908	0.002402908	0.00000000	0	0.000609091	0.00060909
606887.8	4200808.22	0.00000000	0	0.001568385	0.00156838	0.00000000	0	0.000132126	0.00013213	0	0	0.002408514	0.002408514	0.00000000	0	0.000615187	0.00061519
605967.14	4201261.24	0.00000000	0	0.001565917	0.00156592	0.00000000	0	0.000130371	0.00013037	0	0	0.002336832	0.002336832	0.00000000	0	0.000544395	0.00054439
606267.14	4201161.24	0.00000000	0	0.001564626	0.00156463	0.00000000	0	0.000130480	0.00013048	0	0	0.002344407	0.002344407	0.00000000	0	0.000553717	0.00055372
606027.14	4201241.24	0.00000000	0	0.001560181	0.00156018	0.00000000	0	0.000129930	0.00012993	0	0	0.002329881	0.002329881	0.00000000	0	0.000544054	0.00054405
606087.14	4201221.24	0.00000000	0	0.001556536	0.00155654	0.00000000	0	0.000129663	0.00012966	0	0	0.002326048	0.002326048	0.00000000	0	0.000544440	0.00054444
606647.8	4201068.22	0.00000000	0	0.001549546	0.00154955	0.00000000	0	0.000129840	0.00012984	0	0	0.002348919	0.002348919	0.00000000	0	0.000576261	0.00057626
606207.14	4201181.24	0.00000000	0	0.001547815	0.00154781	0.00000000	0	0.000129025	0.00012903	0	0	0.002316895	0.002316895	0.00000000	0	0.000545380	0.00054538
606147.14	4201201.24	0.00000000	0	0.001546021	0.00154602	0.00000000	0	0.000128826	0.00012883	0	0	0.002312051	0.002312051	0.00000000	0	0.000542527	0.00054253
606587.8	4201088.22	0.00000000	0	0.001543935	0.00154394	0.00000000	0	0.000129237	0.00012924	0	0	0.00233458	0.00233458	0.00000000	0	0.000568174	0.00056817
606867.8	4200868.22	0.00000000	0	0.00154375	0.00154375	0.00000000	0	0.000130069	0.00013007	0	0	0.002371464	0.002371464	0.00000000	0	0.000606327	0.00060633
606287.14	4201161.24	0.00000000	0	0.001543664	0.00154366	0.00000000	0	0.000128764	0.00012876	0	0	0.002314415	0.002314415	0.00000000	0	0.000547757	0.00054776
605987.14	4201261.24	0.00000000	0	0.001531832	0.00153183	0.00000000	0	0.000127556	0.00012756	0	0	0.002286981	0.002286981	0.00000000	0	0.000533587	0.00053359
606047.14	4201241.24	0.00000000	0	0.001531348	0.00153135	0.00000000	0	0.000127553	0.00012755	0	0	0.002287887	0.002287887	0.00000000	0	0.000535094	0.00053509
606847.8	4200908.22	0.00000000	0	0.00153122	0.00153122	0.00000000	0	0.000128985	0.00012899	0	0	0.002350993	0.002350993	0.00000000	0	0.000600149	0.00060015
606887.8	4200828.22	0.00000000	0	0.001529816	0.00152982	0.00000000	0	0.000128961	0.00012896	0	0	0.002352938	0.002352938	0.00000000	0	0.000603815	0.00060381
606307.14	4201161.24	0.00000000	0	0.001524911	0.00152491	0.00000000	0	0.000127233	0.00012723	0	0	0.002287742	0.002287742	0.00000000	0	0.000542587	0.00054259
606527.8	4201108.22	0.00000000	0	0.001522875	0.00152288	0.00000000	0	0.000127375	0.00012738	0	0	0.002298374	0.002298374	0.00000000	0	0.000555938	0.00055594
606107.14	4201221.24	0.00000000	0	0.001519926	0.00151993	0.00000000	0	0.000126637	0.00012664	0	0	0.002272387	0.002272387	0.00000000	0	0.000532712	0.00053271
606227.14	4201181.24	0.00000000	0	0.001519696	0.00151970	0.00000000	0	0.000126712	0.00012671	0	0	0.002276158	0.002276158	0.00000000	0	0.000536864	0.00053686
606167.14	4201201.24	0.00000000	0	0.001514959	0.00151496	0.00000000	0	0.000126266	0.00012627	0	0	0.002266831	0.002266831	0.00000000	0	0.000532894	0.00053289
606607.8	4201088.22	0.00000000	0	0.001513812	0.00151381	0.00000000	0	0.000126782	0.00012678	0	0	0.002291947	0.002291947	0.00000000	0	0.000560087	0.00056009
606667.8	4201068.22	0.00000000	0	0.001507569	0.00150757	0.00000000	0	0.000126411	0.00012641	0	0	0.002289157	0.002289157	0.00000000	0	0.000564629	0.00056463
606067.14	4201241.24	0.00000000	0	0.001503537	0.00150354	0.00000000	0	0.000125261	0.00012526	0	0	0.002247407	0.002247407	0.00000000	0	0.000526478	0.00052648
605907.14	4201281.24	0.00000000	0	0.001502362	0.00150236	0.00000000	0	0.000125044	0.00012504	0	0	0.002240437	0.002240437	0.00000000	0	0.000520704	0.00052070
606007.14	4201261.24	0.00000000	0	0.001500099	0.00150010	0.00000000	0	0.000124937	0.00012494	0	0	0.002240626	0.002240626	0.00000000	0	0.000523585	0.00052358
606547.8	4201108.22	0.00000000	0	0.001497553	0.00149755	0.00000000	0	0.000125312	0.00012531	0	0	0.002262548	0.002262548	0.00000000	0	0.000549153	0.00054915
605927.14	4201281.24	0.00000000	0	0.001496649	0.00149665	0.00000000	0	0.000124592	0.00012459	0	0	0.002232917	0.002232917	0.00000000	0	0.000519752	0.00051975
606247.14	4201181.24	0.00000000	0	0.001494462	0.00149446	0.00000000	0	0.000124639	0.00012464	0	0	0.00223973	0.00223973	0.00000000	0	0.000529356	0.00052936
606827.8	4200948.22	0.00000000	0	0.001494391	0.00149439	0.00000000	0	0.000125866	0.00012587	0	0	0.00229372	0.00229372	0.00000000	0	0.000584966	0.00058497
606127.14	4201221.24	0.00000000	0	0.001487048	0.00148705	0.00000000	0	0.000123923	0.00012392	0	0	0.002224323	0.002224323	0.00000000	0	0.000522311	0.00052231
605947.14	4201281.24	0.00000000	0	0.001486991	0.00148699	0.00000000	0	0.000123811	0.00012381	0	0	0.002219547	0.002219547	0.00000000	0	0.000517467	0.00051747
606867.8	4200888.22	0.00000000	0	0.001486975	0.00148698	0.00000000	0	0.000125387	0.00012539	0	0	0.002288715	0.002288715	0.00000000	0	0.000588622	0.00058862
606187.14	4201201.24	0.00000000	0	0.00148588	0.00148588	0.00000000	0	0.000123871	0.00012387	0	0	0.002224588	0.002224588	0.00000000	0	0.000523971	0.00052397
606887.8	4200848.22	0.00000000	0	0.001485789	0.00148579	0.00000000	0	0.000125338	0.00012534	0	0	0.002289098	0.002289098	0.00000000	0	0.000590425	0.00059042
606627.8	4201088.22	0.00000000	0	0.001482019	0.00148202	0.00000000	0	0.000124192	0.00012419	0	0	0.002247008	0.002247008	0.00000000	0	0.000551612	0.00055161
606087.14	4201241.24	0.00000000	0	0.001474524	0.00147452	0.00000000	0	0.000122868	0.00012287	0	0	0.002205114	0.002205114	0.00000000	0	0.000517423	0.00051742
605967.14	4201281.24	0.00000000	0	0.001472851	0.00147285	0.00000000	0	0.000122655	0.00012266	0	0	0.002199374	0.002199374	0.00000000	0	0.000513505	0.00051351
606567.8	4201108.22	0.00000000	0	0.001471603	0.00147160	0.00000000	0	0.000123199	0.00012320	0	0	0.002225915	0.002225915	0.00000000	0	0.000542284	0.00054228
606027.14	4201261.24	0.00000000	0	0.001471508	0.00147151	0.00000000	0	0.000122579	0.00012258	0	0	0.002198947	0.002198947	0.00000000	0	0.000514661	0.00051466
606267.14	4201181.24	0.00000000	0	0.001471204	0.00147120	0.00000000	0	0.000122731	0.00012273	0	0	0.00220626	0.00220626	0.00000000	0	0.000522542	0.00052254
606847.8	4200928.22	0.00000000	0	0.001465732	0.00146573	0.00000000	0	0.000123573	0.00012357	0	0	0.002255027	0.002255027	0.00000000	0	0.000579194	0.00057919
606687.8	4201068.22	0.00000000	0	0.001462161	0.00146216	0.00000000	0	0.000122702	0.00012270	0	0	0.002224528	0.002224528	0.00000000	0	0.000552066	0.00055207
606907.8	4200808.22	0.00000000	0	0.001459396	0.00145940	0.00000000	0	0.000123193	0.00012319	0	0	0.002252042	0.002252042	0.00000000	0	0.000583646	0.00058365
606207.14	4201201.24	0.00000000	0	0.001458625	0.00145862	0.00000000	0	0.000121629	0.00012163	0	0	0.002185078	0.002185078	0.00000000	0	0.000515691	0.00051569
606147.14	4201221.24	0.00000000	0	0.001457361	0.00145736	0.00000000	0	0.000121475	0.00012148	0	0	0.002181069	0.002181069	0.00000000	0	0.000513068	0.00051307
606727.8	4201048.22	0.00000000	0	0.001454127	0.00145413	0.00000000	0	0.000122156	0.00012216	0	0	0.002217932	0.002217932	0.00000000	0	0.000554820	0.00055482
606287.14	4201181.24	0.00000000	0	0.00145108	0.00145108	0.00000000	0	0.000121084	0.00012108	0	0	0.002177485	0.002177485	0.00000000	0	0.000516838	0.00051684
606647.8	4201088.22	0.00000000	0	0.001447693	0.00144769	0.00000000	0	0.000121395	0.00012140	0	0	0.002198435	0.002198435	0.00000000	0	0.000542405	0.00054241
606047.14	4201261.24	0.00000000	0	0.001444972	0.00144497	0.00000000	0	0.000120393	0.00012039	0	0	0.00216034	0.00216034	0.00000000	0	0.000506456	0.00050646
606587.8	4201108.22	0.00000000	0	0.001444967	0.00144497	0.00000000	0	0.000121031	0.00012103	0	0	0.002188351	0.002188351	0.00000000	0	0.000535272	0.00053527
605987.14	4201281.24	0.00000000	0	0.001444588	0.00144459	0.00000000	0	0.000120324	0.00012032	0	0	0.002158168	0.002158168	0.00000000	0	0.000504679	0.00050468
606107.14	4201241.24	0.00000000	0	0.001440493	0.00144049	0.00000000	0	0.000120056	0.00012006	0	0	0.002155258	0.002155258	0.00000000	0	0.000506548	0.00050655
606887.8	4200868.22	0.00000000	0	0.001438506	0.00143851	0.00000000	0	0.000121444	0.00012144	0	0	0.002220404	0.002220404	0.00000000	0	0.000575906	0.00057591
606307.14	4201181.24	0.00000000	0	0.001433578	0.00143358	0.00000000	0	0.000119656	0.00011966	0	0	0.002152651	0.002152651	0.00000000	0	0.000512075	0.00051208
606227.14	4201201.24	0.00000000	0	0.001433246	0.00143325	0.00000000	0	0.000119543	0.00011954	0	0	0.002148382	0.002148382	0.00000000	0	0.000508078	0.00050808
606867.8	4200908.22	0.00000000	0	0.001429823	0.00142982	0.00000000	0	0.000120664	0.00012066	0	0	0.002204972	0.002204972	0.00000000	0	0.000570343	0.00057034
606527.8	4201128.22	0.00000000	0	0.001429123	0.00142912	0.00000000	0	0.000119602	0.00011960	0	0	0.002159869	0.002159869	0.00000000	0	0.000524787	0.00052479

606167.14	4201221.24	0.00000000	0	0.001429048	0.00142905	0.00000000	0	0.000119142	0.00011914	0	0	0.002139884	0.002139884	0.00000000	0	0.000504322	0.00050432
606907.8	4200828.22	0.00000000	0	0.001425396	0.00142540	0.00000000	0	0.000120407	0.00012041	0	0	0.002203245	0.002203245	0.00000000	0	0.000573821	0.00057382
606067.14	4201261.24	0.00000000	0	0.001421071	0.00142107	0.00000000	0	0.000118426	0.00011843	0	0	0.002125668	0.002125668	0.00000000	0	0.000499171	0.00049917
606607.8	4201108.22	0.00000000	0	0.00141757	0.00141757	0.00000000	0	0.000118803	0.00011880	0	0	0.002149802	0.002149802	0.00000000	0	0.000528148	0.00052815
606007.14	4201281.24	0.00000000	0	0.001415996	0.00141600	0.00000000	0	0.000117965	0.00011797	0	0	0.002116446	0.002116446	0.00000000	0	0.000495711	0.00049571
606707.8	4201068.22	0.00000000	0	0.001414704	0.00141470	0.00000000	0	0.000118826	0.00011883	0	0	0.002156986	0.002156986	0.00000000	0	0.000538939	0.00053894
606667.8	4201088.22	0.00000000	0	0.001410565	0.00141057	0.00000000	0	0.000118369	0.00011837	0	0	0.002145869	0.002145869	0.00000000	0	0.000532419	0.00053242
606247.14	4201201.24	0.00000000	0	0.001409412	0.00140941	0.00000000	0	0.000117585	0.00011759	0	0	0.002113987	0.002113987	0.00000000	0	0.000500998	0.00050100
606127.14	4201241.24	0.00000000	0	0.001406212	0.00140621	0.00000000	0	0.000117222	0.00011722	0	0	0.002104987	0.002104987	0.00000000	0	0.000495542	0.00049554
606547.8	4201128.22	0.00000000	0	0.001405548	0.00140555	0.00000000	0	0.000117684	0.00011768	0	0	0.002126653	0.002126653	0.00000000	0	0.000518612	0.00051861
606187.14	4201221.24	0.00000000	0	0.001402264	0.00140226	0.00000000	0	0.000116937	0.00011694	0	0	0.002101001	0.002101001	0.00000000	0	0.000496129	0.00049613
606087.14	4201261.24	0.00000000	0	0.00139822	0.00139822	0.00000000	0	0.000116546	0.00011655	0	0	0.002092575	0.002092575	0.00000000	0	0.000492264	0.00049226
606747.8	4201048.22	0.00000000	0	0.001396044	0.00139604	0.00000000	0	0.000117410	0.00011741	0	0	0.002135155	0.002135155	0.00000000	0	0.000538639	0.00053864
606887.8	4200888.22	0.00000000	0	0.001389481	0.00138948	0.00000000	0	0.000117402	0.00011740	0	0	0.002149018	0.002149018	0.00000000	0	0.000560687	0.00056069
606027.14	4201281.24	0.00000000	0	0.001389311	0.00138931	0.00000000	0	0.000115765	0.00011577	0	0	0.002077557	0.002077557	0.00000000	0	0.000487394	0.00048739
606627.8	4201108.22	0.00000000	0	0.001388418	0.00138842	0.00000000	0	0.000116432	0.00011643	0	0	0.002108761	0.002108761	0.00000000	0	0.000520547	0.00052055
606267.14	4201201.24	0.00000000	0	0.001387745	0.00138774	0.00000000	0	0.000115808	0.00011581	0	0	0.002082846	0.002082846	0.00000000	0	0.000494694	0.00049469
606907.8	4200848.22	0.00000000	0	0.001387131	0.00138713	0.00000000	0	0.000117267	0.00011727	0	0	0.002148144	0.002148144	0.00000000	0	0.000562578	0.00056258
606567.8	4201128.22	0.00000000	0	0.001381617	0.00138162	0.00000000	0	0.000115738	0.00011574	0	0	0.002092994	0.002092994	0.00000000	0	0.000512404	0.00051240
606147.14	4201241.24	0.00000000	0	0.001378607	0.00137861	0.00000000	0	0.000114947	0.00011495	0	0	0.002064772	0.002064772	0.00000000	0	0.000486952	0.00048695
606207.14	4201221.24	0.00000000	0	0.001377134	0.00137713	0.00000000	0	0.000114870	0.00011487	0	0	0.002064601	0.002064601	0.00000000	0	0.000488525	0.00048853
606867.8	4200928.22	0.00000000	0	0.00137377	0.00137377	0.00000000	0	0.000116041	0.00011604	0	0	0.002123213	0.002123213	0.00000000	0	0.000552800	0.00055280
606687.8	4201088.22	0.00000000	0	0.001370819	0.00137082	0.00000000	0	0.000115130	0.00011513	0	0	0.002089623	0.002089623	0.00000000	0	0.000521756	0.00052176
606107.14	4201261.24	0.00000000	0	0.001370811	0.00137081	0.00000000	0	0.000114286	0.00011429	0	0	0.00205262	0.00205262	0.00000000	0	0.000483710	0.00048371
606287.14	4201201.24	0.00000000	0	0.001367508	0.00136751	0.00000000	0	0.000114151	0.00011415	0	0	0.00205384	0.00205384	0.00000000	0	0.000488885	0.00048888
606047.14	4201281.24	0.00000000	0	0.001366426	0.00136643	0.00000000	0	0.000113882	0.00011388	0	0	0.00204437	0.00204437	0.00000000	0	0.000480430	0.00048043
606727.8	4201068.22	0.00000000	0	0.00136535	0.00136535	0.00000000	0	0.000114798	0.00011480	0	0	0.002086875	0.002086875	0.00000000	0	0.000525422	0.00052542
606927.8	4200808.22	0.00000000	0	0.00136446	0.00136446	0.00000000	0	0.000115437	0.00011544	0	0	0.00211686	0.00211686	0.00000000	0	0.000557317	0.00055732
606647.8	4201108.22	0.00000000	0	0.001357778	0.00135778	0.00000000	0	0.000113940	0.00011394	0	0	0.002065619	0.002065619	0.00000000	0	0.000512550	0.00051255
606587.8	4201128.22	0.00000000	0	0.001357161	0.00135716	0.00000000	0	0.000113751	0.00011375	0	0	0.00205863	0.00205863	0.00000000	0	0.000506095	0.00050610
605947.14	4201301.24	0.00000000	0	0.001355805	0.00135580	0.00000000	0	0.000112914	0.00011291	0	0	0.002024881	0.002024881	0.00000000	0	0.000472996	0.00047300
605967.14	4201301.24	0.00000000	0	0.001354659	0.00135466	0.00000000	0	0.000112842	0.00011284	0	0	0.002024185	0.002024185	0.00000000	0	0.000473639	0.00047364
606227.14	4201221.24	0.00000000	0	0.001353739	0.00135374	0.00000000	0	0.000112948	0.00011295	0	0	0.002030811	0.002030811	0.00000000	0	0.000481546	0.00048155
606787.8	4201028.22	0.00000000	0	0.001353342	0.00135334	0.00000000	0	0.000114022	0.00011402	0	0	0.002078804	0.002078804	0.00000000	0	0.000531377	0.00053138
606167.14	4201241.24	0.00000000	0	0.001352638	0.00135264	0.00000000	0	0.000112808	0.00011281	0	0	0.002027031	0.002027031	0.00000000	0	0.000478966	0.00047897
606307.14	4201201.24	0.00000000	0	0.001349393	0.00134939	0.00000000	0	0.000112671	0.00011267	0	0	0.002028029	0.002028029	0.00000000	0	0.000483844	0.00048384
605987.14	4201301.24	0.00000000	0	0.001347004	0.00134700	0.00000000	0	0.000112228	0.00011223	0	0	0.002013781	0.002013781	0.00000000	0	0.000472028	0.00047203
606907.8	4200868.22	0.00000000	0	0.001346012	0.00134601	0.00000000	0	0.000113888	0.00011389	0	0	0.002088741	0.002088741	0.00000000	0	0.000550298	0.00055030
606067.14	4201281.24	0.00000000	0	0.001345788	0.00134579	0.00000000	0	0.000112186	0.00011219	0	0	0.002014553	0.002014553	0.00000000	0	0.000474265	0.00047427
606527.8	4201148.22	0.00000000	0	0.001345403	0.00134540	0.00000000	0	0.000112660	0.00011266	0	0	0.002036205	0.002036205	0.00000000	0	0.000496991	0.00049699
605927.14	4201301.24	0.00000000	0	0.001341657	0.00134166	0.00000000	0	0.000111714	0.00011171	0	0	0.002002786	0.002002786	0.00000000	0	0.000467067	0.00046707
606887.8	4200908.22	0.00000000	0	0.001340204	0.00134020	0.00000000	0	0.000113340	0.00011334	0	0	0.002077223	0.002077223	0.00000000	0	0.000545348	0.00054535
606767.8	4201048.22	0.00000000	0	0.001338001	0.00133800	0.00000000	0	0.000112673	0.00011267	0	0	0.002052727	0.002052727	0.00000000	0	0.000522770	0.00052277
606127.14	4201261.24	0.00000000	0	0.001336789	0.00133679	0.00000000	0	0.000111472	0.00011147	0	0	0.002002666	0.002002666	0.00000000	0	0.000472722	0.00047272
606007.14	4201301.24	0.00000000	0	0.001336474	0.00133647	0.00000000	0	0.000111372	0.00011137	0	0	0.001998967	0.001998967	0.00000000	0	0.000469292	0.00046929
606927.8	4200828.22	0.00000000	0	0.001334002	0.00133400	0.00000000	0	0.000112951	0.00011295	0	0	0.002073585	0.002073585	0.00000000	0	0.000548968	0.00054897
606607.8	4201128.22	0.00000000	0	0.001332096	0.00133210	0.00000000	0	0.000111716	0.00011172	0	0	0.002023513	0.002023513	0.00000000	0	0.000499733	0.00049973
606247.14	4201221.24	0.00000000	0	0.001331967	0.00133197	0.00000000	0	0.000111161	0.00011116	0	0	0.001999456	0.001999456	0.00000000	0	0.000475145	0.00047515
606707.8	4201088.22	0.00000000	0	0.001329301	0.00132930	0.00000000	0	0.000111747	0.00011175	0	0	0.002030906	0.002030906	0.00000000	0	0.000510655	0.00051066
606087.14	4201281.24	0.00000000	0	0.00132927	0.00132927	0.00000000	0	0.000110834	0.00011083	0	0	0.001990926	0.001990926	0.00000000	0	0.000469574	0.00046957
605907.14	4201301.24	0.00000000	0	0.001329016	0.00132902	0.00000000	0	0.000110642	0.00011064	0	0	0.001983075	0.001983075	0.00000000	0	0.000461801	0.00046180
606187.14	4201241.24	0.00000000	0	0.001327686	0.00132769	0.00000000	0	0.000110753	0.00011075	0	0	0.001990817	0.001990817	0.00000000	0	0.000471343	0.00047134
606667.8	4201108.22	0.00000000	0	0.001324864	0.00132486	0.00000000	0	0.000111264	0.00011126	0	0	0.002019287	0.002019287	0.00000000	0	0.000503972	0.00050397
606547.8	4201148.22	0.00000000	0	0.001323461	0.00132346	0.00000000	0	0.000110878	0.00011088	0	0	0.002005385	0.002005385	0.00000000	0	0.000491341	0.00049134
606747.8	4201068.22	0.00000000	0	0.001315071	0.00131507	0.00000000	0	0.000110698	0.00011070	0	0	0.002015647	0.002015647	0.00000000	0	0.000511854	0.00051185
606027.14	4201301.24	0.00000000	0	0.001314477	0.00131448	0.00000000	0	0.000109562	0.00010956	0	0	0.001967065	0.001967065	0.00000000	0	0.000462595	0.00046259
606267.14	4201221.24	0.00000000	0	0.001311515	0.00131151	0.00000000	0	0.000109485	0.00010948	0	0	0.001970079	0.001970079	0.00000000	0	0.000469212	0.00046921
606107.14	4201281.24	0.00000000	0	0.001309951	0.00130995	0.00000000	0	0.000109248	0.00010925	0	0	0.001963079	0.001963079	0.00000000	0	0.000463869	0.00046387
606147.14	4201261.24	0.00000000	0	0.001309489	0.00130949	0.00000000	0	0.000109219	0.00010922	0	0	0.001962822	0.001962822	0.00000000	0	0.000464153	0.00046415
606627.8	4201128.22	0.00000000	0	0.00130561	0.00130561	0.00000000	0	0.000109566	0.00010957	0	0	0.001986415	0.001986415	0.00000000	0	0.000493021	0.00049302
606207.14	4201241.24	0.00000000	0	0.001304384	0.00130438	0.00000000	0	0.000108837	0.00010884	0	0	0.001957093	0.001957093	0.00000000	0	0.000464321	0.00046432
606907.8	4200888.22	0.00000000	0	0.001303416	0.00130342	0.00000000	0	0.000110385	0.00011038	0	0	0.002027062	0.002027062	0.00000000	0	0.000537431	0.00053743
606567.8	4201148.22	0.00000000	0	0.001301513	0.00130151	0.00000000	0	0.000109096	0.00010910	0	0	0.001974641	0.001974641	0.00000000	0	0.000485777	0.00048578
606927.8	4200848.22	0.00000000	0	0.001300218	0.00130022	0.00000000	0	0.000110188	0.00011019	0	0	0.002025337	0.002025337	0.00000000	0	0.000539453	0.00053945
606047.14	4201301.24	0.00000000	0	0.001292144	0.00129214	0.00000000	0	0.000107723	0.00010772	0	0	0.001934639	0.001934639	0.00000000	0	0.000455758	0.00045576
606287.14	4201221.24	0.00000000	0	0.001291956	0.00129196	0.00000000	0	0.000107882	0.00010788	0	0	0.001942028	0.001942028	0.00000000	0	0.000463581	0.00046358
606827.8	4201008.22	0.00000000	0	0.0012906	0.00129060	0.00000000	0	0.000108998	0.00010900	0	0	0.001993891	0.001993891	0.00000000	0	0.000518530	0.00051853
606807.8	4201028.22	0.00000000	0	0.001290281	0.00129028	0.00000000	0	0.000108880	0.00010888	0	0	0.001989445	0.001989445	0.00000000	0	0.000514336	0.00051434
606687.8	4201108.22	0.00000000	0	0.00128993	0.00128993	0.00000000	0	0.000108423	0.00010842	0	0	0.001970131	0.001970131	0.00000000	0	0.000494889	0.00049489
606727.8	4201088.22	0.00000000	0	0.001286335	0.00128633	0.00000000	0	0.000108248	0.00010825	0	0	0.001970214	0.001970214	0.00000000	0	0.000499242	0.00049924
606167.14	4201261.24	0.00000000	0	0.00128339	0.00128339	0.00000000	0	0.000107067	0.00010707	0	0	0.001924782	0.001924782	0.00000000	0	0.000456013	0.00045601
606127.14	4201281.24	0.00000000	0	0.001282185	0.00128219	0.00000000	0	0.000106957	0.00010696	0	0	0.001922539	0.001922539	0.00000000	0	0.000455137	0.00045514
606227.14	4201241.24	0.00000000	0	0.001282057	0.00128206	0.00000000	0	0.000107002	0.00010700	0	0	0.001924824	0.001924824	0.00000000	0	0.000457639	0.00045764
606787.8	4201048.22	0.00000000	0	0.001281331	0.00128133	0.00000000	0	0.000108053	0.00010805	0	0	0.001972496	0.001972496	0.00000000	0	0.000507529	0.00050753
606947.8	4200808.22	0.00000000	0	0.00128068	0.00128068	0.00000000	0	0.000108614	0.00010861	0	0	0.001998475	0.001998475	0.00000000	0	0.000535021	0.00053502
606587.8	4201148.22	0.00000000	0	0.001278844	0.00127884	0.00000000	0	0.000107257	0.00010726	0	0	0.001942935	0.001942935	0.00000000	0	0.000480080	0.00048008
606647.8	4201128.22	0.00000000	0	0.00127805	0.00127805	0.00000000	0	0.000107329	0.00010733	0	0	0.001947814	0.001947814	0.00000000	0	0.000486039	0.00048604
606067.14	4201301.24	0.00000000	0	0.001277236	0.00127724	0.00000000	0	0.000106505	0.00010650	0	0	0.001913402	0.001913402	0.00000000	0	0.000451615	0.00045161
606307.14	4201221.24	0.00000000	0	0.001274186	0.00127419	0.00000000	0	0.000106429	0.00010643	0	0	0.001916683	0.001916683	0.00000000	0	0.000458610	0.00045861
606527.8	4201168.22	0.00000000	0	0.001270418	0.00127042	0.00000000	0	0.000106443	0.00010644	0	0	0.001925421	0.001925421	0.00000000	0	0.000472069	0.00047207
606087.14	4201301.24	0.00000000	0	0.001266198	0.00126620	0.00000000	0	0.000105609	0.00010561	0	0	0.001897971	0.001897971	0.00000000	0	0.000448849	0.00044885
606767.8	4201068.22	0.00000000	0	0.001264849	0.00126485	0.00000000	0	0.000106609	0.00010661	0	0	0.001944709	0.001944709	0.00000000	0	0.000498518	0.00049852
606927.8	4200868.22	0.00000000	0	0.001264122	0.00126412	0.00000000	0	0.000107230	0.00010723	0	0	0.00197354	0.00197354	0.00000000	0	0.000529033	0.00052903
606247.14	4201241.24	0.00000000	0	0.001261411	0.00126141	0.00000000	0	0.000105308	0.00010531	0	0	0.001895091	0.001895091	0.00000000	0	0.000451570	0.00045157
606187.14	4201261.24	0.00000000	0	0.001259637	0.00125964	0.00000000	0	0.000105111	0.00010511	0	0	0.001890287	0.001890287	0.00000000	0	0.000448734	0.00044873
606607.8	4201148.22	0.00000000	0	0.001255808	0.00125581	0.00000000	0	0.000105390	0.00010539	0	0	0.001910804	0.001910804	0.00000000	0	0.000474380	0.00047438
606147.14	4201281.24	0.00000000	0	0.001253458	0.00125346	0.00000000	0	0.000104584	0.00010458	0	0	0.0018805	0.0018805	0.00000000	0	0.000446004	0.00044600
606947.8	4200828.22	0.00000000	0	0.00125333	0.00125333	0.00000000	0	0.000106391	0.00010639	0	0	0.001960061	0.001960061	0.00000000	0	0.000527982	0.00052798
606707.8	4201108.22	0.00000000	0	0.0012533	0.00125330	0.00000000	0	0.000105446	0.00010545	0	0	0.001918673	0.001918673	0.00000000	0	0.000485451	0.00048545
606547.8	4201168.22	0.00000000	0	0.001250114	0.00125011	0.00000000	0	0.000104796	0.00010480	0	0	0.001897007	0.001897007	0.00000000	0	0.000466951	0.00046695
606667.8	4201128.22	0.00000000	0	0.001248631	0.00124863	0.00000000	0	0.000104943	0.00010494	0	0	0.001906662	0.001906662	0.00000000	0	0.000478641	0.00047864
606107.14	4201301.24	0.00000000	0	0.001246517	0.00124652	0.00000000	0	0.000103997	0.00010400	0	0	0.001869728	0.001869728	0.00000000	0	0.000443165	0.00044317
606007.14	4201321.24	0.00000000	0	0.001244613	0.00124461	0.00000000	0	0.000103747	0.00010375	0	0	0.001862882	0.001862882	0.00000000	0	0.000438385	0.00043839
605987.14	4201321.24	0.00000000	0	0.001243754	0.00124375	0.00000000	0	0.000103651	0.00010365	0	0	0.001860535	0.001860535	0.00000000	0	0.000436991	0.00043699
606027.14	4201321.24	0.00000000	0	0.001242918	0.00124292	0.00000000	0	0.000103628	0.00010363	0	0	0.001861323	0.001861323	0.00000000	0	0.000438794	0.00043879
606747.8	4201088.22	0.00000000	0	0.001242385	0.00124239	0.00000000	0	0.000104674	0.00010467	0	0	0.00190835	0.00190835	0.00000000	0	0.000487792	0.00048779
606267.14	4201241.24	0.00000000	0	0.001241899	0.00124190	0.00000000	0	0.000103708	0.00010371	0	0	0.001867062	0.001867062	0.00000000	0	0.000445906	0.00044591
606207.14	4201261.24	0.00000000	0	0.001237756	0.00123776	0.00000000	0	0.000103312	0.00010331	0	0	0.001858626	0.001858626	0.00000000	0	0.000442148	0.00044215
605967.14	4201321.24	0.00000000	0	0.001232104	0.00123210	0.00000000	0	0.000102657	0.00010266	0	0	0.001842104	0.001842104	0.00000000	0	0.000431865	0.00043186
606627.8	4201148.22	0.00000000	0	0.001231812	0.00123181	0.00000000	0	0.000103446	0.00010345	0	0	0.001877321	0.001877321	0.00000000	0	0.000468431	0.00046843
606827.8	4201028.22	0.00000000	0	0.001229991	0.00122999	0.00000000	0	0.000103976	0.00010398	0	0	0.001904525	0.001904525	0.00000000	0	0.000498571	0.00049857
606567.8	4201168.22	0.00000000	0	0.001229723	0.00122972	0.00000000	0	0.000103143	0.00010314	0	0	0.001868542	0.001868542	0.00000000	0	0.000461883	0.00046188
606927.8	4200888.22	0.00000000	0	0.001226613	0.00122661	0.00000000	0	0.000104156	0.00010416	0	0	0.00191972	0.00191972	0.00000000	0	0.000518210	0.00051821
606847.8	4201008.22	0.00000000	0	0.001226299	0.00122630	0.00000000	0	0.000103765	0.00010377	0	0	0.001903254	0.001903254	0.00000000	0	0.000501647	0.00050165
606807.8	4201048.22	0.00000000	0	0.001226135	0.00122614	0.00000000	0	0.000103564	0.00010356	0	0	0.001894782	0.001894782	0.00000000	0	0.000493128	0.00049313
606167.14	4201281.24	0.00000000	0	0.001225928	0.00122593	0.00000000	0	0.000102310	0.00010231	0	0	0.001840222	0.001840222	0.00000000	0	0.000437262	0.00043726
606127.14	4201301.24	0.00000000	0	0.001225321	0.00122532	0.00000000	0	0.000102252	0.00010225	0	0	0.001838995	0.001838995	0.00000000	0	0.000436720	0.00043672
605947.14	4201321.24	0.00000000	0	0.001225187	0.00122519	0.00000000	0	0.000102061	0.00010206	0	0	0.001830885	0.001830885	0.00000000	0	0.000428539	0.00042854
606047.14	4201321.24	0.00000000	0	0.001224848	0.00122485	0.00000000	0	0.000102144	0.00010214	0	0	0.001835262	0.001835262	0.00000000	0	0.000433442	0.00043344
606947.8	4200848.22	0.00000000	0	0.001223184	0.00122318	0.00000000	0	0.000103936	0.00010394	0	0	0.001917484	0.001917484	0.00000000	0	0.000519980	0.00051998
606287.14	4201241.24	0.00000000	0	0.001223156	0.00122316	0.00000000	0	0.000102173	0.00010217	0	0	0.001840176	0.001840176	0.00000000	0	0.000440505	0.00044050
606687.8	4201128.22	0.00000000	0	0.001217547	0.00121755	0.00000000	0	0.000102422	0.00010242	0	0	0.001863243	0.001863243	0.00000000	0	0.000470887	0.00047089
606227.14	4201261.24	0.00000000	0	0.00121737	0.00121737	0.00000000	0	0.000101638	0.00010164	0	0	0.001829224	0.001829224	0.00000000	0	0.000436110	0.00043611
606727.8	4201108.22	0.00000000	0	0.001215492	0.00121549	0.00000000	0	0.000102375	0.00010238	0	0	0.001865614	0.001865614	0.00000000	0	0.000475765	0.00047576
606787.8	4201068.22	0.00000000	0	0.001215299	0.00121530	0.00000000	0	0.000102579	0.00010258	0	0	0.001874987	0.001874987	0.00000000	0	0.000485634	0.00048563
606867.8	4200988.22	0.00000000	0	0.00121511	0.00121511	0.00000000	0	0.000102919	0.00010292	0	0	0.001890277	0.001890277	0.00000000	0	0.000501582	0.00050158
605927.14	4201321.24	0.00000000	0	0.001212801	0.00121280	0.00000000	0	0.000101011	0.00010101	0	0	0.00181158	0.00181158	0.00000000	0	0.000423388	0.00042339
606587.8	4201168.22	0.00000000	0	0.001208732	0.00120873	0.00000000	0	0.000101443	0.00010144	0	0	0.001839312	0.001839312	0.00000000	0	0.000456739	0.00045674
606067.14	4201321.24	0.00000000	0	0.001208095	0.00120809	0.00000000	0	0.000100770	0.00010077	0	0	0.001811188	0.001811188	0.00000000	0	0.000428571	0.00042857
606647.8	4201148.22	0.00000000	0	0.001206669	0.00120667	0.00000000	0	0.000101411	0.00010141	0	0	0.001842359	0.001842359	0.00000000	0	0.000462323	0.00046232
606307.14	4201241.24	0.00000000	0	0.001205603	0.00120560	0.00000000	0	0.000100737	0.00010074	0	0	0.001815088	0.001815088	0.00000000	0	0.000435539	0.00043554
606147.14	4201301.24	0.00000000	0	0.001203505	0.00120351	0.00000000	0	0.000100453	0.00010045	0	0	0.001807175	0.001807175	0.00000000	0	0.000429893	0.00042989
606527.8	4201188.22	0.00000000	0	0.001202845	0.00120285	0.00000000	0	0.000100840	0.00010084	0	0	0.001825585	0.001825585	0.00000000	0	0.000449610	0.00044961
606187.14	4201281.24	0.00000000	0	0.001200813	0.00120081	0.00000000	0	0.000100238	0.00010024	0	0	0.001803574	0.001803574	0.00000000	0	0.000429385	0.00042939
606087.14	4201321.24	0.00000000	0	0.001200574	0.00120057	0.00000000	0	0.000100169	0.00010017	0	0	0.001801044	0.001801044	0.00000000	0	0.000427067	0.00042707
606767.8	4201088.22	0.00000000	0	0.001198342	0.00119834	0.00000000	0	0.000101096	0.00010110	0	0	0.001846537	0.001846537	0.00000000	0	0.000476504	0.00047650
606247.14	4201261.24	0.00000000	0	0.001198014	0.00119801	0.00000000	0	0.000100050	0.00010005	0	0	0.001801372	0.001801372	0.00000000	0	0.000430443	0.00043044
606947.8	4200868.22	0.00000000	0	0.001191135	0.00119114	0.00000000	0	0.000101321	0.00010132	0	0	0.001871989	0.001871989	0.00000000	0	0.000511236	0.00051124
606607.8	4201168.22	0.00000000	0	0.001187488	0.00118749	0.00000000	0	0.000099724	0.00009972	0	0	0.001809812	0.001809812	0.00000000	0	0.000451619	0.00045162
606707.8	4201128.22	0.00000000	0	0.001185044	0.00118504	0.00000000	0	0.000099788	0.00009979	0	0	0.001817887	0.001817887	0.00000000	0	0.000462825	0.00046282
606107.14	4201321.24	0.00000000	0	0.001184914	0.00118491	0.00000000	0	0.000098891	0.00009889	0	0	0.001778816	0.001778816	0.00000000	0	0.000422796	0.00042280
606547.8	4201188.22	0.00000000	0	0.001184013	0.00118401	0.00000000	0	0.000099314	0.00009931	0	0	0.001799308	0.001799308	0.00000000	0	0.000444941	0.00044494
606967.8	4200828.22	0.00000000	0	0.001181326	0.00118133	0.00000000	0	0.000100562	0.00010056	0	0	0.001859869	0.001859869	0.00000000	0	0.000510416	0.00051042
606667.8	4201148.22	0.00000000	0	0.0011802	0.00118020	0.00000000	0	0.000099269	0.00009927	0	0	0.001805578	0.001805578	0.00000000	0	0.000455917	0.00045592
606267.14	4201261.24	0.00000000	0	0.001179244	0.00117924	0.00000000	0	0.000098511	0.00009851	0	0	0.001774394	0.001774394	0.00000000	0	0.000424980	0.00042498
606167.14	4201301.24	0.00000000	0	0.001178358	0.00117836	0.00000000	0	0.000098379	0.00009838	0	0	0.001770491	0.001770491	0.00000000	0	0.000422017	0.00042202
606207.14	4201281.24	0.00000000	0	0.001178173	0.00117817	0.00000000	0	0.000098373	0.00009837	0	0	0.001770658	0.001770658	0.00000000	0	0.000422409	0.00042241
606747.8	4201108.22	0.00000000	0	0.001176887	0.00117689	0.00000000	0	0.000099243	0.00009924	0	0	0.001811603	0.001811603	0.00000000	0	0.000466047	0.00046605
606827.8	4201048.22	0.00000000	0	0.001173103	0.00117310	0.00000000	0	0.000099261	0.00009926	0	0	0.001820547	0.001820547	0.00000000	0	0.000479736	0.00047974
606847.8	4201028.22	0.00000000	0	0.00117297	0.00117297	0.00000000	0	0.000099348	0.00009935	0	0	0.001824663	0.001824663	0.00000000	0	0.000484128	0.00048413
606007.14	4201341.24	0.00000000	0	0.001169117	0.00116912	0.00000000	0	0.000097481	0.00009748	0	0	0.00175108	0.00175108	0.00000000	0	0.000413024	0.00041302
606807.8	4201068.22	0.00000000	0	0.001166691	0.00116669	0.00000000	0	0.000098637	0.00009864	0	0	0.00180703	0.00180703	0.00000000	0	0.000473446	0.00047345
606867.8	4201008.22	0.00000000	0	0.001166042	0.00116604	0.00000000	0	0.000098861	0.00009886	0	0	0.00181827	0.00181827	0.00000000	0	0.000485777	0.00048578
606627.8	4201168.22	0.00000000	0	0.001165433	0.00116543	0.00000000	0	0.000097941	0.00009794	0	0	0.001779212	0.001779212	0.00000000	0	0.000446330	0.00044633
606127.14	4201321.24	0.00000000	0	0.001165193	0.00116519	0.00000000	0	0.000097272	0.00009727	0	0	0.001750374	0.001750374	0.00000000	0	0.000416956	0.00041696
606567.8	4201188.22	0.00000000	0	0.001165004	0.00116500	0.00000000	0	0.000097776	0.00009778	0	0	0.001772889	0.001772889	0.00000000	0	0.000440336	0.00044034
606027.14	4201341.24	0.00000000	0	0.00116494	0.00116494	0.00000000	0	0.000097157	0.00009716	0	0	0.001745873	0.001745873	0.00000000	0	0.000412627	0.00041263
606047.14	4201341.24	0.00000000	0	0.001162126	0.00116213	0.00000000	0	0.000096944	0.00009694	0	0	0.001742628	0.001742628	0.00000000	0	0.000412631	0.00041263
606287.14	4201261.24	0.00000000	0	0.001161257	0.00116126	0.00000000	0	0.000097037	0.00009704	0	0	0.001748584	0.001748584	0.00000000	0	0.000419788	0.00041979
605987.14	4201341.24	0.00000000	0	0.001160528	0.00116053	0.00000000	0	0.000096741	0.00009674	0	0	0.001737177	0.001737177	0.00000000	0	0.000408921	0.00040892
606227.14	4201281.24	0.00000000	0	0.001158341	0.00115834	0.00000000	0	0.000096744	0.00009674	0	0	0.001742007	0.001742007	0.00000000	0	0.000416485	0.00041649
606787.8	4201088.22	0.00000000	0	0.001154644	0.00115464	0.00000000	0	0.000097552	0.00009755	0	0	0.001785474	0.001785474	0.00000000	0	0.000465579	0.00046558
606187.14	4201301.24	0.00000000	0	0.001154394	0.00115439	0.00000000	0	0.000096402	0.00009640	0	0	0.001735562	0.001735562	0.00000000	0	0.000414543	0.00041454
606967.8	4200848.22	0.00000000	0	0.001154355	0.00115435	0.00000000	0	0.000098376	0.00009838	0	0	0.00182224	0.00182224	0.00000000	0	0.000503734	0.00050373
606887.8	4200988.22	0.00000000	0	0.001153141	0.00115314	0.00000000	0	0.000097903	0.00009790	0	0	0.001804093	0.001804093	0.00000000	0	0.000486512	0.00048651
606687.8	4201148.22	0.00000000	0	0.001152411	0.00115241	0.00000000	0	0.000097022	0.00009702	0	0	0.001767028	0.001767028	0.00000000	0	0.000449258	0.00044926
606727.8	4201128.22	0.00000000	0	0.001151535	0.00115154	0.00000000	0	0.000097074	0.00009707	0	0	0.001771189	0.001771189	0.00000000	0	0.000454578	0.00045458
606067.14	4201341.24	0.00000000	0	0.001149323	0.00114932	0.00000000	0	0.000095900	0.00009590	0	0	0.001724479	0.001724479	0.00000000	0	0.000409165	0.00040916
606147.14	4201321.24	0.00000000	0	0.001146501	0.00114650	0.00000000	0	0.000095734	0.00009573	0	0	0.001723312	0.001723312	0.00000000	0	0.000411315	0.00041131
606587.8	4201188.22	0.00000000	0	0.001145516	0.00114552	0.00000000	0	0.000096200	0.00009620	0	0	0.001745865	0.001745865	0.00000000	0	0.000435678	0.00043568
606307.14	4201261.24	0.00000000	0	0.001143933	0.00114393	0.00000000	0	0.000095618	0.00009562	0	0	0.001723765	0.001723765	0.00000000	0	0.000414829	0.00041483
606647.8	4201168.22	0.00000000	0	0.001142517	0.00114252	0.00000000	0	0.000096091	0.00009609	0	0	0.001747542	0.001747542	0.00000000	0	0.000440963	0.00044096
606527.8	4201208.22	0.00000000	0	0.001141688	0.00114169	0.00000000	0	0.000095768	0.00009577	0	0	0.00173519	0.00173519	0.00000000	0	0.000429244	0.00042924
605947.14	4201341.24	0.00000000	0	0.001140487	0.00114049	0.00000000	0	0.000095031	0.00009503	0	0	0.001705461	0.001705461	0.00000000	0	0.000400094	0.00040009
606087.14	4201341.24	0.00000000	0	0.00113986	0.00113986	0.00000000	0	0.000095135	0.00009514	0	0	0.001711367	0.001711367	0.00000000	0	0.000406913	0.00040691
605967.14	4201341.24	0.00000000	0	0.001139571	0.00113957	0.00000000	0	0.000094973	0.00009497	0	0	0.001704872	0.001704872	0.00000000	0	0.000400576	0.00040058
606767.8	4201108.22	0.00000000	0	0.001137847	0.00113785	0.00000000	0	0.000096082	0.00009608	0	0	0.001757228	0.001757228	0.00000000	0	0.000456469	0.00045647
606907.8	4200968.22	0.00000000	0	0.001135396	0.00113540	0.00000000	0	0.000096550	0.00009655	0	0	0.00178306	0.00178306	0.00000000	0	0.000485946	0.00048595
606247.14	4201281.24	0.00000000	0	0.001134543	0.00113454	0.00000000	0	0.000094786	0.00009479	0	0	0.001707551	0.001707551	0.00000000	0	0.000409300	0.00040930
606207.14	4201301.24	0.00000000	0	0.001131735	0.00113173	0.00000000	0	0.000094535	0.00009453	0	0	0.001702572	0.001702572	0.00000000	0	0.000407513	0.00040751

606167.14	4201321.24	0.00000000	0	0.001128301	0.00112830	0.00000000	0	0.000094239	0.00009424	0	0	0.001697034	0.001697034	0.00000000	0	0.000405894	0.00040589
606107.14	4201341.24	0.00000000	0	0.001127777	0.00112778	0.00000000	0	0.000094155	0.00009415	0	0	0.001694457	0.001694457	0.00000000	0	0.000403865	0.00040386
606607.8	4201188.22	0.00000000	0	0.001125875	0.00112587	0.00000000	0	0.000094614	0.00009461	0	0	0.001718706	0.001718706	0.00000000	0	0.000431062	0.00043106
606547.8	4201208.22	0.00000000	0	0.001124062	0.00112406	0.00000000	0	0.000094342	0.00009434	0	0	0.001710711	0.001710711	0.00000000	0	0.000424992	0.00042499
606707.8	4201148.22	0.00000000	0	0.001123419	0.00112342	0.00000000	0	0.000094679	0.00009468	0	0	0.001726864	0.001726864	0.00000000	0	0.000442368	0.00044237
606847.8	4201048.22	0.00000000	0	0.001122285	0.00112229	0.00000000	0	0.000095147	0.00009515	0	0	0.001749825	0.001749825	0.00000000	0	0.000467330	0.00046733
606827.8	4201068.22	0.00000000	0	0.001119687	0.00111969	0.00000000	0	0.000094834	0.00009483	0	0	0.001741717	0.001741717	0.00000000	0	0.000462075	0.00046207
606867.8	4201028.22	0.00000000	0	0.001119038	0.00111904	0.00000000	0	0.000094970	0.00009497	0	0	0.001749111	0.001749111	0.00000000	0	0.000470450	0.00047045
606667.8	4201168.22	0.00000000	0	0.00111853	0.00111853	0.00000000	0	0.000094155	0.00009416	0	0	0.001714447	0.001714447	0.00000000	0	0.000435402	0.00043540
606747.8	4201128.22	0.00000000	0	0.001117289	0.00111729	0.00000000	0	0.000094304	0.00009430	0	0	0.001723636	0.001723636	0.00000000	0	0.000446326	0.00044633
606267.14	4201281.24	0.00000000	0	0.001116927	0.00111693	0.00000000	0	0.000093343	0.00009334	0	0	0.001682265	0.001682265	0.00000000	0	0.000404207	0.00040421
606987.8	4200828.22	0.00000000	0	0.001116723	0.00111672	0.00000000	0	0.000095360	0.00009536	0	0	0.001771183	0.001771183	0.00000000	0	0.000495899	0.00049590
606927.8	4200948.22	0.00000000	0	0.00111432	0.00111432	0.00000000	0	0.000094926	0.00009493	0	0	0.00175736	0.00175736	0.00000000	0	0.000484534	0.00048453
606807.8	4201088.22	0.00000000	0	0.001111693	0.00111169	0.00000000	0	0.000094078	0.00009408	0	0	0.001725818	0.001725818	0.00000000	0	0.000455213	0.00045521
606227.14	4201301.24	0.00000000	0	0.001111079	0.00111108	0.00000000	0	0.000092835	0.00009283	0	0	0.001672606	0.001672606	0.00000000	0	0.000401215	0.00040122
606187.14	4201321.24	0.00000000	0	0.001110663	0.00111066	0.00000000	0	0.000092790	0.00009279	0	0	0.00167153	0.00167153	0.00000000	0	0.000400603	0.00040060
606887.8	4201008.22	0.00000000	0	0.001110015	0.00111002	0.00000000	0	0.000094338	0.00009434	0	0	0.001740857	0.001740857	0.00000000	0	0.000472671	0.00047267
606127.14	4201341.24	0.00000000	0	0.001109352	0.00110935	0.00000000	0	0.000092645	0.00009265	0	0	0.001668034	0.001668034	0.00000000	0	0.000398564	0.00039856
606567.8	4201208.22	0.00000000	0	0.001106364	0.00110636	0.00000000	0	0.000092912	0.00009291	0	0	0.001686197	0.001686197	0.00000000	0	0.000420791	0.00042079
606627.8	4201188.22	0.00000000	0	0.001105503	0.00110550	0.00000000	0	0.000092970	0.00009297	0	0	0.001690604	0.001690604	0.00000000	0	0.000426345	0.00042635
606007.14	4201361.24	0.00000000	0	0.001104612	0.00110461	0.00000000	0	0.000092130	0.00009213	0	0	0.001655669	0.001655669	0.00000000	0	0.000391473	0.00039147
605987.14	4201361.24	0.00000000	0	0.001100953	0.00110095	0.00000000	0	0.000091802	0.00009180	0	0	0.001649204	0.001649204	0.00000000	0	0.000389169	0.00038917
606287.14	4201281.24	0.00000000	0	0.001100016	0.00110002	0.00000000	0	0.000091958	0.00009196	0	0	0.001658039	0.001658039	0.00000000	0	0.000399367	0.00039937
606787.8	4201108.22	0.00000000	0	0.0010991	0.00109910	0.00000000	0	0.000092948	0.00009295	0	0	0.001703463	0.001703463	0.00000000	0	0.000447171	0.00044717
606027.14	4201361.24	0.00000000	0	0.001098502	0.00109850	0.00000000	0	0.000091643	0.00009164	0	0	0.001647492	0.001647492	0.00000000	0	0.000390317	0.00039032
606907.8	4200988.22	0.00000000	0	0.00109606	0.00109606	0.00000000	0	0.000093302	0.00009330	0	0	0.001725565	0.001725565	0.00000000	0	0.000473512	0.00047351
606047.14	4201361.24	0.00000000	0	0.00109523	0.00109523	0.00000000	0	0.000091394	0.00009139	0	0	0.001643659	0.001643659	0.00000000	0	0.000390259	0.00039026
606687.8	4201168.22	0.00000000	0	0.001093567	0.00109357	0.00000000	0	0.000092142	0.00009214	0	0	0.001680046	0.001680046	0.00000000	0	0.000429656	0.00042966
606727.8	4201148.22	0.00000000	0	0.001093474	0.00109347	0.00000000	0	0.000092262	0.00009226	0	0	0.001685495	0.001685495	0.00000000	0	0.000435371	0.00043537
606987.8	4200848.22	0.00000000	0	0.001092479	0.00109248	0.00000000	0	0.000093406	0.00009341	0	0	0.00173787	0.00173787	0.00000000	0	0.000490418	0.00049042
606247.14	4201301.24	0.00000000	0	0.001092219	0.00109222	0.00000000	0	0.000091285	0.00009128	0	0	0.001645364	0.001645364	0.00000000	0	0.000395587	0.00039559
606147.14	4201341.24	0.00000000	0	0.001091716	0.00109172	0.00000000	0	0.000091199	0.00009120	0	0	0.001642696	0.001642696	0.00000000	0	0.000393441	0.00039344
606207.14	4201321.24	0.00000000	0	0.001091657	0.00109166	0.00000000	0	0.000091226	0.00009123	0	0	0.001643975	0.001643975	0.00000000	0	0.000394826	0.00039483
606067.14	4201361.24	0.00000000	0	0.001091469	0.00109147	0.00000000	0	0.000091103	0.00009110	0	0	0.001638993	0.001638993	0.00000000	0	0.000389925	0.00038992
605967.14	4201361.24	0.00000000	0	0.001089446	0.00108945	0.00000000	0	0.000090823	0.00009082	0	0	0.001631077	0.001631077	0.00000000	0	0.000384186	0.00038419
606587.8	4201208.22	0.00000000	0	0.001088248	0.00108825	0.00000000	0	0.000091450	0.00009145	0	0	0.00166118	0.00166118	0.00000000	0	0.000416567	0.00041657
606527.8	4201228.22	0.00000000	0	0.001085958	0.00108596	0.00000000	0	0.000091146	0.00009115	0	0	0.001652813	0.001652813	0.00000000	0	0.000410681	0.00041068
606647.8	4201188.22	0.00000000	0	0.001084522	0.00108452	0.00000000	0	0.000091280	0.00009128	0	0	0.001661785	0.001661785	0.00000000	0	0.000421613	0.00042161
606307.14	4201281.24	0.00000000	0	0.001083865	0.00108386	0.00000000	0	0.000090636	0.00009064	0	0	0.001634956	0.001634956	0.00000000	0	0.000394800	0.00039480
606767.8	4201128.22	0.00000000	0	0.001082586	0.00108259	0.00000000	0	0.000091501	0.00009150	0	0	0.00167565	0.00167565	0.00000000	0	0.000438171	0.00043817
606087.14	4201361.24	0.00000000	0	0.001079996	0.00108000	0.00000000	0	0.000090169	0.00009017	0	0	0.001622803	0.001622803	0.00000000	0	0.000386895	0.00038689
606927.8	4200968.22	0.00000000	0	0.001078329	0.00107833	0.00000000	0	0.000091962	0.00009196	0	0	0.001705079	0.001705079	0.00000000	0	0.000473491	0.00047349
606267.14	4201301.24	0.00000000	0	0.001075132	0.00107513	0.00000000	0	0.000089884	0.00008988	0	0	0.001620823	0.001620823	0.00000000	0	0.000390632	0.00039063
606167.14	4201341.24	0.00000000	0	0.001074922	0.00107492	0.00000000	0	0.000089822	0.00008982	0	0	0.001618548	0.001618548	0.00000000	0	0.000388542	0.00038854
606107.14	4201361.24	0.00000000	0	0.001074574	0.00107457	0.00000000	0	0.000089742	0.00008974	0	0	0.001615782	0.001615782	0.00000000	0	0.000386110	0.00038611
606847.8	4201068.22	0.00000000	0	0.001074493	0.00107449	0.00000000	0	0.000091187	0.00009119	0	0	0.001679348	0.001679348	0.00000000	0	0.000451582	0.00045158
606867.8	4201048.22	0.00000000	0	0.001074061	0.00107406	0.00000000	0	0.000091246	0.00009125	0	0	0.001682894	0.001682894	0.00000000	0	0.000455742	0.00045574
606227.14	4201321.24	0.00000000	0	0.001071248	0.00107125	0.00000000	0	0.000089546	0.00008955	0	0	0.001614372	0.001614372	0.00000000	0	0.000388609	0.00038861
606607.8	4201208.22	0.00000000	0	0.001069976	0.00106998	0.00000000	0	0.000089977	0.00008998	0	0	0.001636042	0.001636042	0.00000000	0	0.000412405	0.00041240
606827.8	4201088.22	0.00000000	0	0.001069858	0.00106986	0.00000000	0	0.000090703	0.00009070	0	0	0.00166813	0.00166813	0.00000000	0	0.000445546	0.00044555
606547.8	4201228.22	0.00000000	0	0.001069511	0.00106951	0.00000000	0	0.000089818	0.00008982	0	0	0.00163006	0.00163006	0.00000000	0	0.000406805	0.00040680
606887.8	4201028.22	0.00000000	0	0.001068405	0.00106841	0.00000000	0	0.000090896	0.00009090	0	0	0.001679732	0.001679732	0.00000000	0	0.000459203	0.00045920
606707.8	4201168.22	0.00000000	0	0.001067433	0.00106743	0.00000000	0	0.000090037	0.00009004	0	0	0.001644153	0.001644153	0.00000000	0	0.000423767	0.00042377
606747.8	4201148.22	0.00000000	0	0.001062914	0.00106291	0.00000000	0	0.000089797	0.00008980	0	0	0.00164337	0.00164337	0.00000000	0	0.000428326	0.00042833
606667.8	4201188.22	0.00000000	0	0.001062697	0.00106270	0.00000000	0	0.000089524	0.00008952	0	0	0.001631877	0.001631877	0.00000000	0	0.000416762	0.00041676
606807.8	4201108.22	0.00000000	0	0.001060861	0.00106086	0.00000000	0	0.000089863	0.00008986	0	0	0.00165074	0.00165074	0.00000000	0	0.000438343	0.00043834
606187.14	4201341.24	0.00000000	0	0.00105883	0.00105883	0.00000000	0	0.000088502	0.00008850	0	0	0.001595397	0.001595397	0.00000000	0	0.000383835	0.00038383
606287.14	4201301.24	0.00000000	0	0.001058689	0.00105869	0.00000000	0	0.000088537	0.00008854	0	0	0.001597246	0.001597246	0.00000000	0	0.000385904	0.00038590
606947.8	4200948.22	0.00000000	0	0.001058144	0.00105814	0.00000000	0	0.000090426	0.00009043	0	0	0.001681278	0.001681278	0.00000000	0	0.000472975	0.00047297
606907.8	4201008.22	0.00000000	0	0.001057901	0.00105790	0.00000000	0	0.000090149	0.00009015	0	0	0.001669679	0.001669679	0.00000000	0	0.000461335	0.00046133
606127.14	4201361.24	0.00000000	0	0.001057483	0.00105748	0.00000000	0	0.000088347	0.00008835	0	0	0.001591504	0.001591504	0.00000000	0	0.000381431	0.00038143
606567.8	4201228.22	0.00000000	0	0.001052929	0.00105293	0.00000000	0	0.000088481	0.00008848	0	0	0.001607207	0.001607207	0.00000000	0	0.000402987	0.00040299
606247.14	4201321.24	0.00000000	0	0.00105265	0.00105265	0.00000000	0	0.000088018	0.00008802	0	0	0.00158751	0.00158751	0.00000000	0	0.000383060	0.00038306
606627.8	4201208.22	0.00000000	0	0.001051102	0.00105110	0.00000000	0	0.000088458	0.00008846	0	0	0.00161016	0.00161016	0.00000000	0	0.000408193	0.00040819
606787.8	4201128.22	0.00000000	0	0.001048027	0.00104803	0.00000000	0	0.000088714	0.00008871	0	0	0.001628054	0.001628054	0.00000000	0	0.000430246	0.00043025
606927.8	4200988.22	0.00000000	0	0.001043398	0.00104340	0.00000000	0	0.000089081	0.00008908	0	0	0.001654143	0.001654143	0.00000000	0	0.000462572	0.00046257
606207.14	4201341.24	0.00000000	0	0.001043314	0.00104331	0.00000000	0	0.000087229	0.00008723	0	0	0.001573056	0.001573056	0.00000000	0	0.000379279	0.00037928
606307.14	4201301.24	0.00000000	0	0.001042962	0.00104296	0.00000000	0	0.000087250	0.00008725	0	0	0.001574758	0.001574758	0.00000000	0	0.000381446	0.00038145
606147.14	4201361.24	0.00000000	0	0.001040693	0.00104069	0.00000000	0	0.000086974	0.00008697	0	0	0.001567547	0.001567547	0.00000000	0	0.000376723	0.00037672
606727.8	4201168.22	0.00000000	0	0.001040522	0.00104052	0.00000000	0	0.000087872	0.00008787	0	0	0.001607312	0.001607312	0.00000000	0	0.000417824	0.00041782
606687.8	4201188.22	0.00000000	0	0.001039955	0.00103996	0.00000000	0	0.000087696	0.00008770	0	0	0.001600823	0.001600823	0.00000000	0	0.000411823	0.00041182
605987.14	4201381.24	0.00000000	0	0.001038375	0.00103838	0.00000000	0	0.000086610	0.00008661	0	0	0.001556603	0.001556603	0.00000000	0	0.000368220	0.00036822
606007.14	4201381.24	0.00000000	0	0.001037987	0.00103799	0.00000000	0	0.000086598	0.00008660	0	0	0.00155691	0.00155691	0.00000000	0	0.000368996	0.00036900
605967.14	4201381.24	0.00000000	0	0.001037099	0.00103710	0.00000000	0	0.000086485	0.00008649	0	0	0.001553875	0.001553875	0.00000000	0	0.000366929	0.00036693
606967.8	4200928.22	0.00000000	0	0.001036356	0.00103636	0.00000000	0	0.000088762	0.00008876	0	0	0.00165537	0.00165537	0.00000000	0	0.000472194	0.00047219
606587.8	4201228.22	0.00000000	0	0.001036095	0.00103610	0.00000000	0	0.000087123	0.00008712	0	0	0.001584033	0.001584033	0.00000000	0	0.000399137	0.00039914
606267.14	4201321.24	0.00000000	0	0.001035218	0.00103522	0.00000000	0	0.000086587	0.00008659	0	0	0.001562406	0.001562406	0.00000000	0	0.000377935	0.00037794
606527.8	4201248.22	0.00000000	0	0.001034976	0.00103498	0.00000000	0	0.000086918	0.00008692	0	0	0.001577429	0.001577429	0.00000000	0	0.000393673	0.00039367
606027.14	4201381.24	0.00000000	0	0.001034403	0.00103440	0.00000000	0	0.000086321	0.00008632	0	0	0.001552474	0.001552474	0.00000000	0	0.000368688	0.00036869
606767.8	4201148.22	0.00000000	0	0.001032076	0.00103208	0.00000000	0	0.000087312	0.00008731	0	0	0.001600999	0.001600999	0.00000000	0	0.000421357	0.00042136
606647.8	4201208.22	0.00000000	0	0.001031811	0.00103181	0.00000000	0	0.000086908	0.00008691	0	0	0.001583823	0.001583823	0.00000000	0	0.000404007	0.00040401
606047.14	4201381.24	0.00000000	0	0.001031432	0.00103143	0.00000000	0	0.000086096	0.00008610	0	0	0.001549036	0.001549036	0.00000000	0	0.000368679	0.00036868
606867.8	4201068.22	0.00000000	0	0.001031179	0.00103118	0.00000000	0	0.000087694	0.00008769	0	0	0.001619671	0.001619671	0.00000000	0	0.000441626	0.00044163
606847.8	4201088.22	0.00000000	0	0.001029444	0.00102944	0.00000000	0	0.000087453	0.00008745	0	0	0.001612839	0.001612839	0.00000000	0	0.000436659	0.00043666
606067.14	4201381.24	0.00000000	0	0.001028775	0.00102878	0.00000000	0	0.000085899	0.00008590	0	0	0.001546128	0.001546128	0.00000000	0	0.000368843	0.00036884
606887.8	4201048.22	0.00000000	0	0.001028323	0.00102832	0.00000000	0	0.000087578	0.00008758	0	0	0.001620777	0.001620777	0.00000000	0	0.000446154	0.00044615
606227.14	4201341.24	0.00000000	0	0.001028166	0.00102817	0.00000000	0	0.000085986	0.00008599	0	0	0.001551264	0.001551264	0.00000000	0	0.000374849	0.00037485
606947.8	4200968.22	0.00000000	0	0.001026027	0.00102603	0.00000000	0	0.000087785	0.00008779	0	0	0.001634803	0.001634803	0.00000000	0	0.000463303	0.00046330
606167.14	4201361.24	0.00000000	0	0.001025261	0.00102526	0.00000000	0	0.000085710	0.00008571	0	0	0.001545406	0.001545406	0.00000000	0	0.000372272	0.00037227
606087.14	4201381.24	0.00000000	0	0.001024621	0.00102462	0.00000000	0	0.000085574	0.00008557	0	0	0.001540844	0.001540844	0.00000000	0	0.000368340	0.00036834
606827.8	4201108.22	0.00000000	0	0.00102341	0.00102341	0.00000000	0	0.000086852	0.00008685	0	0	0.001599514	0.001599514	0.00000000	0	0.000430119	0.00043012
606907.8	4201028.22	0.00000000	0	0.001020937	0.00102094	0.00000000	0	0.000087093	0.00008709	0	0	0.001615433	0.001615433	0.00000000	0	0.000449426	0.00044943
606547.8	4201248.22	0.00000000	0	0.001019571	0.00101957	0.00000000	0	0.000085676	0.00008568	0	0	0.001556223	0.001556223	0.00000000	0	0.000390151	0.00039015
606287.14	4201321.24	0.00000000	0	0.001019223	0.00101922	0.00000000	0	0.000085277	0.00008528	0	0	0.001539491	0.001539491	0.00000000	0	0.000373357	0.00037336
606607.8	4201228.22	0.00000000	0	0.00101903	0.00101903	0.00000000	0	0.000085751	0.00008575	0	0	0.001560698	0.001560698	0.00000000	0	0.000395397	0.00039540
606707.8	4201188.22	0.00000000	0	0.001016382	0.00101638	0.00000000	0	0.000085804	0.00008580	0	0	0.001568708	0.001568708	0.00000000	0	0.000406778	0.00040678
606107.14	4201381.24	0.00000000	0	0.001015173	0.00101517	0.00000000	0	0.000084809	0.00008481	0	0	0.00152769	0.00152769	0.00000000	0	0.000366028	0.00036603
606807.8	4201128.22	0.00000000	0	0.001013822	0.00101382	0.00000000	0	0.000085963	0.00008596	0	0	0.001581245	0.001581245	0.00000000	0	0.000422711	0.00042271
606987.8	4200908.22	0.00000000	0	0.001013406	0.00101341	0.00000000	0	0.000087006	0.00008701	0	0	0.00162787	0.00162787	0.00000000	0	0.000471157	0.00047116
606247.14	4201341.24	0.00000000	0	0.001013357	0.00101336	0.00000000	0	0.000084772	0.00008477	0	0	0.001529997	0.001529997	0.00000000	0	0.000370557	0.00037056
606747.8	4201168.22	0.00000000	0	0.001013104	0.00101310	0.00000000	0	0.000085668	0.00008567	0	0	0.00156983	0.00156983	0.00000000	0	0.000411824	0.00041182
606667.8	4201208.22	0.00000000	0	0.001011737	0.00101174	0.00000000	0	0.000085298	0.00008530	0	0	0.001556548	0.001556548	0.00000000	0	0.000399786	0.00039979
606187.14	4201361.24	0.00000000	0	0.001010486	0.00101049	0.00000000	0	0.000084499	0.00008450	0	0	0.001524211	0.001524211	0.00000000	0	0.000368013	0.00036801
606127.14	4201381.24	0.00000000	0	0.001009746	0.00100975	0.00000000	0	0.000084383	0.00008438	0	0	0.001520726	0.001520726	0.00000000	0	0.000365309	0.00036531
606927.8	4201008.22	0.00000000	0	0.001009444	0.00100944	0.00000000	0	0.000086278	0.00008628	0	0	0.001604495	0.001604495	0.00000000	0	0.000451819	0.00045182
606967.8	4200948.22	0.00000000	0	0.001006828	0.00100683	0.00000000	0	0.000086346	0.00008635	0	0	0.001613152	0.001613152	0.00000000	0	0.000463828	0.00046383
606567.8	4201248.22	0.00000000	0	0.001004035	0.00100403	0.00000000	0	0.000084425	0.00008443	0	0	0.00153492	0.00153492	0.00000000	0	0.000386686	0.00038669
606307.14	4201321.24	0.00000000	0	0.00100339	0.00100339	0.00000000	0	0.000083980	0.00008398	0	0	0.001516798	0.001516798	0.00000000	0	0.000368815	0.00036881
606627.8	4201228.22	0.00000000	0	0.001001517	0.00100152	0.00000000	0	0.000084345	0.00008434	0	0	0.00153682	0.00153682	0.00000000	0	0.000391628	0.00039163
606787.8	4201148.22	0.00000000	0	0.001001003	0.00100100	0.00000000	0	0.000084815	0.00008482	0	0	0.001558583	0.001558583	0.00000000	0	0.000414622	0.00041462
606267.14	4201341.24	0.00000000	0	0.000998875	0.00099888	0.00000000	0	0.000083586	0.00008359	0	0	0.00150925	0.00150925	0.00000000	0	0.000366411	0.00036641
606207.14	4201361.24	0.00000000	0	0.000996143	0.00099614	0.00000000	0	0.000083324	0.00008332	0	0	0.001503656	0.001503656	0.00000000	0	0.000363901	0.00036390
606947.8	4200988.22	0.00000000	0	0.000994802	0.00099480	0.00000000	0	0.000085213	0.00008521	0	0	0.001589411	0.001589411	0.00000000	0	0.000453689	0.00045369
606147.14	4201381.24	0.00000000	0	0.000994277	0.00099428	0.00000000	0	0.000083123	0.00008312	0	0	0.001498884	0.001498884	0.00000000	0	0.000361209	0.00036121
606727.8	4201188.22	0.00000000	0	0.000992144	0.00099214	0.00000000	0	0.000083860	0.00008386	0	0	0.001535798	0.001535798	0.00000000	0	0.000401705	0.00040171
606687.8	4201208.22	0.00000000	0	0.000991067	0.00099107	0.00000000	0	0.000083641	0.00008364	0	0	0.001528516	0.001528516	0.00000000	0	0.000395495	0.00039549
606867.8	4201088.22	0.00000000	0	0.00099044	0.00099044	0.00000000	0	0.000084321	0.00008432	0	0	0.001559687	0.001559687	0.00000000	0	0.000428298	0.00042830
606887.8	4201068.22	0.00000000	0	0.000989916	0.00098992	0.00000000	0	0.000084396	0.00008440	0	0	0.001564109	0.001564109	0.00000000	0	0.000433467	0.00043347
606587.8	4201248.22	0.00000000	0	0.000988266	0.00098827	0.00000000	0	0.000083157	0.00008316	0	0	0.001513345	0.001513345	0.00000000	0	0.000383216	0.00038322
606527.8	4201268.22	0.00000000	0	0.000988062	0.00098806	0.00000000	0	0.000083027	0.00008303	0	0	0.001508063	0.001508063	0.00000000	0	0.000378026	0.00037803
606847.8	4201108.22	0.00000000	0	0.000987034	0.00098703	0.00000000	0	0.000083937	0.00008394	0	0	0.001550204	0.001550204	0.00000000	0	0.000422587	0.00042259
606987.8	4200928.22	0.00000000	0	0.000986436	0.00098644	0.00000000	0	0.000084814	0.00008481	0	0	0.00158999	0.00158999	0.00000000	0	0.000464216	0.00046422
606767.8	4201168.22	0.00000000	0	0.000985342	0.00098534	0.00000000	0	0.000083439	0.00008344	0	0	0.001532041	0.001532041	0.00000000	0	0.000405916	0.00040592
606907.8	4201048.22	0.00000000	0	0.000985185	0.00098519	0.00000000	0	0.000084134	0.00008413	0	0	0.001562838	0.001562838	0.00000000	0	0.000437775	0.00043778
606647.8	4201228.22	0.00000000	0	0.000983632	0.00098363	0.00000000	0	0.000082912	0.00008291	0	0	0.001512583	0.001512583	0.00000000	0	0.000387934	0.00038793
606287.14	4201341.24	0.00000000	0	0.000982711	0.00098271	0.00000000	0	0.000082262	0.00008226	0	0	0.00148606	0.00148606	0.00000000	0	0.000361749	0.00036175
606227.14	4201361.24	0.00000000	0	0.000982215	0.00098222	0.00000000	0	0.000082184	0.00008218	0	0	0.001483734	0.001483734	0.00000000	0	0.000359946	0.00035995
606827.8	4201128.22	0.00000000	0	0.000980161	0.00098016	0.00000000	0	0.000083265	0.00008327	0	0	0.001535585	0.001535585	0.00000000	0	0.000415711	0.00041571
606167.14	4201381.24	0.00000000	0	0.000979253	0.00097925	0.00000000	0	0.000081897	0.00008190	0	0	0.001477549	0.001477549	0.00000000	0	0.000357102	0.00035710
605987.14	4201401.24	0.00000000	0	0.000979033	0.00097903	0.00000000	0	0.000081686	0.00008169	0	0	0.001468752	0.001468752	0.00000000	0	0.000348315	0.00034832
606967.8	4200968.22	0.00000000	0	0.000978008	0.00097801	0.00000000	0	0.000083981	0.00008398	0	0	0.001571654	0.001571654	0.00000000	0	0.000455362	0.00045536
606927.8	4201028.22	0.00000000	0	0.000976453	0.00097645	0.00000000	0	0.000083551	0.00008355	0	0	0.001556134	0.001556134	0.00000000	0	0.000441247	0.00044125
606007.14	4201401.24	0.00000000	0	0.000976363	0.00097636	0.00000000	0	0.000081482	0.00008148	0	0	0.001465553	0.001465553	0.00000000	0	0.000348195	0.00034819
606547.8	4201268.22	0.00000000	0	0.000973648	0.00097365	0.00000000	0	0.000081867	0.00008187	0	0	0.001488318	0.001488318	0.00000000	0	0.000374830	0.00037483
606607.8	4201248.22	0.00000000	0	0.000972394	0.00097239	0.00000000	0	0.000081883	0.00008188	0	0	0.001491725	0.001491725	0.00000000	0	0.000379823	0.00037982
606807.8	4201148.22	0.00000000	0	0.000970178	0.00097018	0.00000000	0	0.000082345	0.00008234	0	0	0.001516773	0.001516773	0.00000000	0	0.000408216	0.00040822
606707.8	4201208.22	0.00000000	0	0.000969766	0.00096977	0.00000000	0	0.000081935	0.00008194	0	0	0.00149971	0.00149971	0.00000000	0	0.000391156	0.00039116
606247.14	4201361.24	0.00000000	0	0.000968676	0.00096868	0.00000000	0	0.000081077	0.00008108	0	0	0.001464397	0.001464397	0.00000000	0	0.000356131	0.00035613
606307.14	4201341.24	0.00000000	0	0.00096743	0.00096743	0.00000000	0	0.000081011	0.00008101	0	0	0.00146421	0.00146421	0.00000000	0	0.000357418	0.00035742
606747.8	4201188.22	0.00000000	0	0.000967368	0.00096737	0.00000000	0	0.000081875	0.00008188	0	0	0.00150225	0.00150225	0.00000000	0	0.000396615	0.00039662
606187.14	4201381.24	0.00000000	0	0.0009653	0.00096530	0.00000000	0	0.000080757	0.00008076	0	0	0.001457644	0.001457644	0.00000000	0	0.000353194	0.00035319
607007.8	4200908.22	0.00000000	0	0.000965232	0.00096523	0.00000000	0	0.000083213	0.00008321	0	0	0.00156557	0.00156557	0.00000000	0	0.000464272	0.00046427
606667.8	4201228.22	0.00000000	0	0.000965206	0.00096521	0.00000000	0	0.000081437	0.00008144	0	0	0.001487707	0.001487707	0.00000000	0	0.000384224	0.00038422
606947.8	4201008.22	0.00000000	0	0.000964413	0.00096441	0.00000000	0	0.000082706	0.00008271	0	0	0.001545068	0.001545068	0.00000000	0	0.000444160	0.00044416
606987.8	4200948.22	0.00000000	0	0.000959867	0.00095987	0.00000000	0	0.000082647	0.00008265	0	0	0.001552308	0.001552308	0.00000000	0	0.000457002	0.00045700
606567.8	4201268.22	0.00000000	0	0.000959109	0.00095911	0.00000000	0	0.000080699	0.00008070	0	0	0.001468487	0.001468487	0.00000000	0	0.000371695	0.00037169
606787.8	4201168.22	0.00000000	0	0.000957416	0.00095742	0.00000000	0	0.000081203	0.00008120	0	0	0.001494235	0.001494235	0.00000000	0	0.000400186	0.00040019
606627.8	4201248.22	0.00000000	0	0.00095603	0.00095603	0.00000000	0	0.000080572	0.00008057	0	0	0.001469581	0.001469581	0.00000000	0	0.000376475	0.00037647
606267.14	4201361.24	0.00000000	0	0.00095546	0.00095546	0.00000000	0	0.000079997	0.00008000	0	0	0.001445586	0.001445586	0.00000000	0	0.000352474	0.00035247
606887.8	4201088.22	0.00000000	0	0.000953113	0.00095311	0.00000000	0	0.000081346	0.00008135	0	0	0.001509832	0.001509832	0.00000000	0	0.000421335	0.00042134
606207.14	4201381.24	0.00000000	0	0.000951961	0.00095196	0.00000000	0	0.000079666	0.00007967	0	0	0.001438626	0.001438626	0.00000000	0	0.000349470	0.00034947
606867.8	4201108.22	0.00000000	0	0.000951879	0.00095188	0.00000000	0	0.000081125	0.00008113	0	0	0.001502795	0.001502795	0.00000000	0	0.000415562	0.00041556
606907.8	4201068.22	0.00000000	0	0.000950648	0.00095065	0.00000000	0	0.000081273	0.00008127	0	0	0.001511945	0.001511945	0.00000000	0	0.000426434	0.00042643
606967.8	4200988.22	0.00000000	0	0.000949915	0.00094992	0.00000000	0	0.000081671	0.00008167	0	0	0.001530988	0.001530988	0.00000000	0	0.000446889	0.00044689
606727.8	4201208.22	0.00000000	0	0.000947749	0.00094775	0.00000000	0	0.000080176	0.00008018	0	0	0.001470091	0.001470091	0.00000000	0	0.000386831	0.00038683
606847.8	4201128.22	0.00000000	0	0.000947232	0.00094723	0.00000000	0	0.000080637	0.00008064	0	0	0.001491427	0.001491427	0.00000000	0	0.000409387	0.00040939
606687.8	4201228.22	0.00000000	0	0.000946314	0.00094631	0.00000000	0	0.000079927	0.00007993	0	0	0.001462266	0.001462266	0.00000000	0	0.000380487	0.00038049
606527.8	4201288.22	0.00000000	0	0.000944728	0.00094473	0.00000000	0	0.000079432	0.00007943	0	0	0.001443956	0.001443956	0.00000000	0	0.000363538	0.00036354
606927.8	4201048.22	0.00000000	0	0.000944418	0.00094442	0.00000000	0	0.000080900	0.00008090	0	0	0.001509029	0.001509029	0.00000000	0	0.000430832	0.00043083
606587.8	4201268.22	0.00000000	0	0.000944335	0.00094434	0.00000000	0	0.000079514	0.00007951	0	0	0.001448396	0.001448396	0.00000000	0	0.000368570	0.00036857
607027.8	4200888.22	0.00000000	0	0.000943176	0.00094318	0.00000000	0	0.000081542	0.00008154	0	0	0.001539879	0.001539879	0.00000000	0	0.000464033	0.00046403
606287.14	4201361.24	0.00000000	0	0.000942681	0.00094268	0.00000000	0	0.000078954	0.00007895	0	0	0.001427417	0.001427417	0.00000000	0	0.000348958	0.00034896
606767.8	4201188.22	0.00000000	0	0.000942275	0.00094227	0.00000000	0	0.000079869	0.00007987	0	0	0.001468429	0.001468429	0.00000000	0	0.000391620	0.00039162
607007.8	4200928.22	0.00000000	0	0.000940889	0.00094089	0.00000000	0	0.000081246	0.00008125	0	0	0.001531851	0.001531851	0.00000000	0	0.000458492	0.00045849
606827.8	4201148.22	0.00000000	0	0.000939745	0.00093975	0.00000000	0	0.000079914	0.00007991	0	0	0.001475886	0.001475886	0.00000000	0	0.000402292	0.00040229
606647.8	4201248.22	0.00000000	0	0.000939462	0.00093946	0.00000000	0	0.000079248	0.00007925	0	0	0.001447264	0.001447264	0.00000000	0	0.000373191	0.00037319
606227.14	4201381.24	0.00000000	0	0.000939223	0.00093922	0.00000000	0	0.000078625	0.00007862	0	0	0.001420444	0.001420444	0.00000000	0	0.000345892	0.00034589
606947.8	4201028.22	0.00000000	0	0.00093482	0.00093482	0.00000000	0	0.000080261	0.00008026	0	0	0.001501735	0.001501735	0.00000000	0	0.000434723	0.00043472
606987.8	4200968.22	0.00000000	0	0.000933824	0.00093382	0.00000000	0	0.000080517	0.00008052	0	0	0.001515112	0.001515112	0.00000000	0	0.000449664	0.00044966
606547.8	4201288.22	0.00000000	0	0.000931236	0.00093124	0.00000000	0	0.000078349	0.00007835	0	0	0.001425609	0.001425609	0.00000000	0	0.000360685	0.00036069

606307.14	4201361.24	0.00000000	0	0.00093026	0.00093026	0.00000000	0	0.000077941	0.00007794	0	0	0.00140982	0.00140982	0.00000000	0	0.000345605	0.00034560
606807.8	4201168.22	0.00000000	0	0.000929537	0.00092954	0.00000000	0	0.000078976	0.00007898	0	0	0.001456787	0.001456787	0.00000000	0	0.000394768	0.00039477
606607.8	4201268.22	0.00000000	0	0.000929436	0.00092944	0.00000000	0	0.000078321	0.00007832	0	0	0.001428253	0.001428253	0.00000000	0	0.000365542	0.00036554
606707.8	4201228.22	0.00000000	0	0.000926873	0.00092687	0.00000000	0	0.000078376	0.00007838	0	0	0.001436192	0.001436192	0.00000000	0	0.000376750	0.00037675
606247.14	4201381.24	0.00000000	0	0.000926735	0.00092673	0.00000000	0	0.000077605	0.00007760	0	0	0.001402682	0.001402682	0.00000000	0	0.000342449	0.00034245
606747.8	4201208.22	0.00000000	0	0.000925341	0.00092534	0.00000000	0	0.000078388	0.00007839	0	0	0.00144004	0.00144004	0.00000000	0	0.000382526	0.00038253
606967.8	4201008.22	0.00000000	0	0.000922556	0.00092256	0.00000000	0	0.000079416	0.00007942	0	0	0.001491176	0.001491176	0.00000000	0	0.000438423	0.00043842
606667.8	4201248.22	0.00000000	0	0.000922541	0.00092254	0.00000000	0	0.000077897	0.00007790	0	0	0.001424535	0.001424535	0.00000000	0	0.000369903	0.00036990
607027.8	4200908.22	0.00000000	0	0.000921134	0.00092113	0.00000000	0	0.000079782	0.00007978	0	0	0.001510273	0.001510273	0.00000000	0	0.000459752	0.00045975
607047.8	4200868.22	0.00000000	0	0.000920372	0.00092037	0.00000000	0	0.000079809	0.00007981	0	0	0.001513108	0.001513108	0.00000000	0	0.000463572	0.00046357
606887.8	4201108.22	0.00000000	0	0.000917996	0.00091800	0.00000000	0	0.000078434	0.00007843	0	0	0.001457946	0.001457946	0.00000000	0	0.000409660	0.00040966
606567.8	4201288.22	0.00000000	0	0.000917594	0.00091759	0.00000000	0	0.000077256	0.00007726	0	0	0.001407123	0.001407123	0.00000000	0	0.000357868	0.00035787
606907.8	4201088.22	0.00000000	0	0.000917385	0.00091739	0.00000000	0	0.000078516	0.00007852	0	0	0.001462846	0.001462846	0.00000000	0	0.000415425	0.00041542
606787.8	4201188.22	0.00000000	0	0.000916979	0.00091698	0.00000000	0	0.000077851	0.00007785	0	0	0.001434538	0.001434538	0.00000000	0	0.000386793	0.00038679
607007.8	4200948.22	0.00000000	0	0.000916767	0.00091677	0.00000000	0	0.000079291	0.00007929	0	0	0.001498174	0.001498174	0.00000000	0	0.000452493	0.00045249
606867.8	4201128.22	0.00000000	0	0.000915347	0.00091535	0.00000000	0	0.000078096	0.00007810	0	0	0.001448836	0.001448836	0.00000000	0	0.000403436	0.00040344
606267.14	4201381.24	0.00000000	0	0.000914516	0.00091452	0.00000000	0	0.000076609	0.00007661	0	0	0.001385366	0.001385366	0.00000000	0	0.000339147	0.00033915
606627.8	4201268.22	0.00000000	0	0.000914249	0.00091425	0.00000000	0	0.000077107	0.00007711	0	0	0.001407789	0.001407789	0.00000000	0	0.000362524	0.00036252
606927.8	4201068.22	0.00000000	0	0.000913347	0.00091335	0.00000000	0	0.000078327	0.00007833	0	0	0.00146326	0.00146326	0.00000000	0	0.000420645	0.00042064
606847.8	4201148.22	0.00000000	0	0.000909936	0.00090994	0.00000000	0	0.000077544	0.00007754	0	0	0.001436284	0.001436284	0.00000000	0	0.000396951	0.00039695
606987.8	4200988.22	0.00000000	0	0.000908409	0.00090841	0.00000000	0	0.000078432	0.00007843	0	0	0.001478541	0.001478541	0.00000000	0	0.000442223	0.00044222
606727.8	4201228.22	0.00000000	0	0.000906859	0.00090686	0.00000000	0	0.000076782	0.00007678	0	0	0.001409498	0.001409498	0.00000000	0	0.000373054	0.00037305
606947.8	4201048.22	0.00000000	0	0.000906018	0.00090602	0.00000000	0	0.000077878	0.00007788	0	0	0.001459409	0.001459409	0.00000000	0	0.000425384	0.00042538
606687.8	4201248.22	0.00000000	0	0.000905173	0.00090517	0.00000000	0	0.000076512	0.00007651	0	0	0.001401316	0.001401316	0.00000000	0	0.000366642	0.00036664
606527.8	4201308.22	0.00000000	0	0.000904555	0.00090455	0.00000000	0	0.000076100	0.00007610	0	0	0.001384553	0.001384553	0.00000000	0	0.000350135	0.00035013
606587.8	4201288.22	0.00000000	0	0.000903684	0.00090368	0.00000000	0	0.000076144	0.00007614	0	0	0.001388373	0.001388373	0.00000000	0	0.000355097	0.00035510
606287.14	4201381.24	0.00000000	0	0.000902656	0.00090266	0.00000000	0	0.000075643	0.00007564	0	0	0.001368619	0.001368619	0.00000000	0	0.000336002	0.00033600
606767.8	4201208.22	0.00000000	0	0.000902508	0.00090251	0.00000000	0	0.000076569	0.00007657	0	0	0.001409591	0.001409591	0.00000000	0	0.000378315	0.00037832
606827.8	4201168.22	0.00000000	0	0.00090199	0.00090199	0.00000000	0	0.000076784	0.00007678	0	0	0.001420114	0.001420114	0.00000000	0	0.000389753	0.00038975
607047.8	4200888.22	0.00000000	0	0.000900642	0.00090064	0.00000000	0	0.000078257	0.00007826	0	0	0.001487658	0.001487658	0.00000000	0	0.000460821	0.00046082
607027.8	4200928.22	0.00000000	0	0.000898989	0.00089899	0.00000000	0	0.000078008	0.00007801	0	0	0.001480319	0.001480319	0.00000000	0	0.000455235	0.00045523
606647.8	4201268.22	0.00000000	0	0.000898872	0.00089887	0.00000000	0	0.000075880	0.00007588	0	0	0.001387195	0.001387195	0.00000000	0	0.000359598	0.00035960
606967.8	4201028.22	0.00000000	0	0.000895884	0.00089588	0.00000000	0	0.000077214	0.00007721	0	0	0.00145217	0.00145217	0.00000000	0	0.000429971	0.00042997
607007.8	4200968.22	0.00000000	0	0.000893095	0.00089310	0.00000000	0	0.000077365	0.00007736	0	0	0.001464804	0.001464804	0.00000000	0	0.000446274	0.00044627
606547.8	4201308.22	0.00000000	0	0.000891923	0.00089192	0.00000000	0	0.000075088	0.00007509	0	0	0.00136748	0.00136748	0.00000000	0	0.000347571	0.00034757
606807.8	4201188.22	0.00000000	0	0.000891674	0.00089167	0.00000000	0	0.000075838	0.00007584	0	0	0.001400908	0.001400908	0.00000000	0	0.000382246	0.00038225
606307.14	4201381.24	0.00000000	0	0.000891138	0.00089114	0.00000000	0	0.000074706	0.00007471	0	0	0.001352411	0.001352411	0.00000000	0	0.000333007	0.00033301
606607.8	4201288.22	0.00000000	0	0.00088972	0.00088972	0.00000000	0	0.000075029	0.00007503	0	0	0.001369626	0.001369626	0.00000000	0	0.000352394	0.00035239
606707.8	4201248.22	0.00000000	0	0.00088724	0.00088724	0.00000000	0	0.000075087	0.00007509	0	0	0.001377532	0.001377532	0.00000000	0	0.000363469	0.00036347
606747.8	4201228.22	0.00000000	0	0.000886404	0.00088640	0.00000000	0	0.000075156	0.00007516	0	0	0.00138237	0.00138237	0.00000000	0	0.000369438	0.00036944
606907.8	4201108.22	0.00000000	0	0.000885381	0.00088538	0.00000000	0	0.000075865	0.00007586	0	0	0.001415661	0.001415661	0.00000000	0	0.000404890	0.00040489
606887.8	4201128.22	0.00000000	0	0.000884469	0.00088447	0.00000000	0	0.000075659	0.00007566	0	0	0.001408595	0.001408595	0.00000000	0	0.000398706	0.00039871
606987.8	4201008.22	0.00000000	0	0.000883642	0.00088364	0.00000000	0	0.000076394	0.00007639	0	0	0.001442647	0.001442647	0.00000000	0	0.000434708	0.00043471
606927.8	4201088.22	0.00000000	0	0.00088325	0.00088325	0.00000000	0	0.000075833	0.00007583	0	0	0.00141886	0.00141886	0.00000000	0	0.000410710	0.00041071
606667.8	4201268.22	0.00000000	0	0.000883189	0.00088319	0.00000000	0	0.000074631	0.00007463	0	0	0.001366273	0.001366273	0.00000000	0	0.000356700	0.00035670
606867.8	4201148.22	0.00000000	0	0.000880836	0.00088084	0.00000000	0	0.000075235	0.00007523	0	0	0.001397854	0.001397854	0.00000000	0	0.000391973	0.00039197
607047.8	4200908.22	0.00000000	0	0.000880589	0.00088059	0.00000000	0	0.000076674	0.00007667	0	0	0.001461514	0.001461514	0.00000000	0	0.000457737	0.00045774
607067.8	4200868.22	0.00000000	0	0.000879597	0.00087960	0.00000000	0	0.000076685	0.00007668	0	0	0.001464137	0.001464137	0.00000000	0	0.000461612	0.00046161
606787.8	4201208.22	0.00000000	0	0.000879515	0.00087952	0.00000000	0	0.000074743	0.00007474	0	0	0.001379114	0.001379114	0.00000000	0	0.000374266	0.00037427
606567.8	4201308.22	0.00000000	0	0.000879045	0.00087904	0.00000000	0	0.000074061	0.00007406	0	0	0.001350209	0.001350209	0.00000000	0	0.000345097	0.00034510
606947.8	4201068.22	0.00000000	0	0.000877997	0.00087800	0.00000000	0	0.000075557	0.00007556	0	0	0.001418107	0.001418107	0.00000000	0	0.000416171	0.00041617
607027.8	4200948.22	0.00000000	0	0.000877041	0.00087704	0.00000000	0	0.000076243	0.00007624	0	0	0.001450266	0.001450266	0.00000000	0	0.000450381	0.00045038
606627.8	4201288.22	0.00000000	0	0.000875557	0.00087556	0.00000000	0	0.000073899	0.00007390	0	0	0.001350656	0.001350656	0.00000000	0	0.000349697	0.00034970
606847.8	4201168.22	0.00000000	0	0.000874861	0.00087486	0.00000000	0	0.000074635	0.00007464	0	0	0.001384463	0.001384463	0.00000000	0	0.000385293	0.00038529
607007.8	4200988.22	0.00000000	0	0.000869987	0.00086999	0.00000000	0	0.000075475	0.00007548	0	0	0.001431839	0.001431839	0.00000000	0	0.000439804	0.00043980
606967.8	4201048.22	0.00000000	0	0.000869925	0.00086993	0.00000000	0	0.000075065	0.00007506	0	0	0.001413967	0.001413967	0.00000000	0	0.000421495	0.00042150
606727.8	4201248.22	0.00000000	0	0.000868946	0.00086895	0.00000000	0	0.000073635	0.00007363	0	0	0.001353346	0.001353346	0.00000000	0	0.000360312	0.00036031
606527.8	4201328.22	0.00000000	0	0.000867155	0.00086715	0.00000000	0	0.000072998	0.00007300	0	0	0.001329283	0.001329283	0.00000000	0	0.000337690	0.00033769
606687.8	4201268.22	0.00000000	0	0.000867028	0.00086703	0.00000000	0	0.000073348	0.00007335	0	0	0.001344917	0.001344917	0.00000000	0	0.000353920	0.00035392
606827.8	4201188.22	0.00000000	0	0.000866595	0.00086660	0.00000000	0	0.000073850	0.00007385	0	0	0.001367883	0.001367883	0.00000000	0	0.000378053	0.00037805
606587.8	4201308.22	0.00000000	0	0.000865965	0.00086596	0.00000000	0	0.000073018	0.00007302	0	0	0.001332731	0.001332731	0.00000000	0	0.000342650	0.00034265
606767.8	4201228.22	0.00000000	0	0.000865585	0.00086559	0.00000000	0	0.000073505	0.00007351	0	0	0.001354918	0.001354918	0.00000000	0	0.000365919	0.00036592
607067.8	4200888.22	0.00000000	0	0.000861608	0.00086161	0.00000000	0	0.000075291	0.00007529	0	0	0.001441848	0.001441848	0.00000000	0	0.000460044	0.00046004
606647.8	4201288.22	0.00000000	0	0.000861271	0.00086127	0.00000000	0	0.000072762	0.00007276	0	0	0.001331629	0.001331629	0.00000000	0	0.000347089	0.00034709
607047.8	4200928.22	0.00000000	0	0.000860435	0.00086044	0.00000000	0	0.000075077	0.00007508	0	0	0.001434979	0.001434979	0.00000000	0	0.000454372	0.00045437
606987.8	4201028.22	0.00000000	0	0.000859475	0.00085947	0.00000000	0	0.000074400	0.00007440	0	0	0.001407385	0.001407385	0.00000000	0	0.000427133	0.00042713
606807.8	4201208.22	0.00000000	0	0.000856394	0.00085639	0.00000000	0	0.000072912	0.00007291	0	0	0.001348771	0.001348771	0.00000000	0	0.000370508	0.00037051
607027.8	4200968.22	0.00000000	0	0.000855442	0.00085544	0.00000000	0	0.000074497	0.00007450	0	0	0.001420327	0.001420327	0.00000000	0	0.000445231	0.00044523
606547.8	4201328.22	0.00000000	0	0.000855272	0.00085527	0.00000000	0	0.000072050	0.00007205	0	0	0.001313366	0.001313366	0.00000000	0	0.000335428	0.00033543
606907.8	4201128.22	0.00000000	0	0.000854735	0.00085474	0.00000000	0	0.000073326	0.00007333	0	0	0.001370474	0.001370474	0.00000000	0	0.000394798	0.00039480
606927.8	4201108.22	0.00000000	0	0.000854109	0.00085411	0.00000000	0	0.000073419	0.00007342	0	0	0.00137594	0.00137594	0.00000000	0	0.000401163	0.00040116
606607.8	4201308.22	0.00000000	0	0.00085295	0.00085295	0.00000000	0	0.000071981	0.00007198	0	0	0.001315345	0.001315345	0.00000000	0	0.000340219	0.00034022
606887.8	4201148.22	0.00000000	0	0.000852683	0.00085268	0.00000000	0	0.000073024	0.00007302	0	0	0.001361659	0.001361659	0.00000000	0	0.000388169	0.00038817
606947.8	4201088.22	0.00000000	0	0.00085073	0.00085073	0.00000000	0	0.000073298	0.00007330	0	0	0.001377914	0.001377914	0.00000000	0	0.000407205	0.00040720
606707.8	4201268.22	0.00000000	0	0.000850586	0.00085059	0.00000000	0	0.000072045	0.00007205	0	0	0.001323259	0.001323259	0.00000000	0	0.000351164	0.00035116
606747.8	4201248.22	0.00000000	0	0.00085025	0.00085025	0.00000000	0	0.000072155	0.00007215	0	0	0.001328807	0.001328807	0.00000000	0	0.000357269	0.00035727
606867.8	4201168.22	0.00000000	0	0.000848277	0.00084828	0.00000000	0	0.000072536	0.00007254	0	0	0.001349783	0.001349783	0.00000000	0	0.000381184	0.00038118
607007.8	4201008.22	0.00000000	0	0.000847448	0.00084745	0.00000000	0	0.000073625	0.00007363	0	0	0.00139936	0.00139936	0.00000000	0	0.000433157	0.00043316
606667.8	4201288.22	0.00000000	0	0.000846655	0.00084665	0.00000000	0	0.000071602	0.00007160	0	0	0.001312309	0.001312309	0.00000000	0	0.000344570	0.00034457
606787.8	4201228.22	0.00000000	0	0.000844567	0.00084457	0.00000000	0	0.000071843	0.00007184	0	0	0.001327408	0.001327408	0.00000000	0	0.000362576	0.00036258
606967.8	4201068.22	0.00000000	0	0.000844541	0.00084454	0.00000000	0	0.000072963	0.00007296	0	0	0.00137659	0.00137659	0.00000000	0	0.000413190	0.00041319
607067.8	4200908.22	0.00000000	0	0.000843271	0.00084327	0.00000000	0	0.000073866	0.00007387	0	0	0.001418929	0.001418929	0.00000000	0	0.000458242	0.00045824
606567.8	4201328.22	0.00000000	0	0.000843164	0.00084316	0.00000000	0	0.000071087	0.00007109	0	0	0.001297275	0.001297275	0.00000000	0	0.000333251	0.00033325
607087.8	4200868.22	0.00000000	0	0.000842069	0.00084207	0.00000000	0	0.000073867	0.00007387	0	0	0.001421596	0.001421596	0.00000000	0	0.000462411	0.00046241
606847.8	4201188.22	0.00000000	0	0.000841824	0.00084182	0.00000000	0	0.000071896	0.00007190	0	0	0.00133565	0.00133565	0.00000000	0	0.000374310	0.00037431
607047.8	4200948.22	0.00000000	0	0.000840358	0.00084036	0.00000000	0	0.000073480	0.00007348	0	0	0.001408292	0.001408292	0.00000000	0	0.000450760	0.00045076
606627.8	4201308.22	0.00000000	0	0.000839606	0.00083961	0.00000000	0	0.000070921	0.00007092	0	0	0.001297662	0.001297662	0.00000000	0	0.000337874	0.00033787
606987.8	4201048.22	0.00000000	0	0.000835947	0.00083595	0.00000000	0	0.000072452	0.00007245	0	0	0.001372723	0.001372723	0.00000000	0	0.000419415	0.00041941
607027.8	4200988.22	0.00000000	0	0.000834296	0.00083430	0.00000000	0	0.000072779	0.00007278	0	0	0.001390642	0.001390642	0.00000000	0	0.000439804	0.00043980
606727.8	4201268.22	0.00000000	0	0.0008337	0.00083370	0.00000000	0	0.000070711	0.00007071	0	0	0.001301198	0.001301198	0.00000000	0	0.000348521	0.00034852
606827.8	4201208.22	0.00000000	0	0.000833423	0.00083342	0.00000000	0	0.000071101	0.00007110	0	0	0.001318923	0.001318923	0.00000000	0	0.000367080	0.00036708
606527.8	4201348.22	0.00000000	0	0.000832199	0.00083220	0.00000000	0	0.000070101	0.00007010	0	0	0.001277698	0.001277698	0.00000000	0	0.000326134	0.00032613
606687.8	4201288.22	0.00000000	0	0.000831743	0.00083174	0.00000000	0	0.000070421	0.00007042	0	0	0.00129272	0.00129272	0.00000000	0	0.000342126	0.00034213
606767.8	4201248.22	0.00000000	0	0.000831165	0.00083116	0.00000000	0	0.000070649	0.00007065	0	0	0.001303953	0.001303953	0.00000000	0	0.000354365	0.00035436
606587.8	4201328.22	0.00000000	0	0.000830762	0.00083076	0.00000000	0	0.000070103	0.00007010	0	0	0.001280902	0.001280902	0.00000000	0	0.000331136	0.00033114
606647.8	4201308.22	0.00000000	0	0.000826248	0.00082625	0.00000000	0	0.000069861	0.00006986	0	0	0.001280019	0.001280019	0.00000000	0	0.000335587	0.00033559
606927.8	4201128.22	0.00000000	0	0.000826063	0.00082606	0.00000000	0	0.000071096	0.00007110	0	0	0.001334588	0.001334588	0.00000000	0	0.000391928	0.00039193
607087.8	4200888.22	0.00000000	0	0.000825627	0.00082563	0.00000000	0	0.000072617	0.00007262	0	0	0.001402253	0.001402253	0.00000000	0	0.000462037	0.00046204
607007.8	4201028.22	0.00000000	0	0.000825473	0.00082547	0.00000000	0	0.000071813	0.00007181	0	0	0.00136732	0.00136732	0.00000000	0	0.000426293	0.00042629
606907.8	4201148.22	0.00000000	0	0.000825396	0.00082540	0.00000000	0	0.000070897	0.00007090	0	0	0.001327288	0.001327288	0.00000000	0	0.000385212	0.00038521
607067.8	4200928.22	0.00000000	0	0.000824814	0.00082481	0.00000000	0	0.000072426	0.00007243	0	0	0.001395633	0.001395633	0.00000000	0	0.000456194	0.00045619
606947.8	4201108.22	0.00000000	0	0.000824199	0.00082420	0.00000000	0	0.000071101	0.00007110	0	0	0.001338852	0.001338852	0.00000000	0	0.000398526	0.00039853
606807.8	4201228.22	0.00000000	0	0.000823418	0.00082342	0.00000000	0	0.000070177	0.00007018	0	0	0.001300001	0.001300001	0.00000000	0	0.000359496	0.00035950
606887.8	4201168.22	0.00000000	0	0.000822449	0.00082245	0.00000000	0	0.000070522	0.00007052	0	0	0.001317217	0.001317217	0.00000000	0	0.000378354	0.00037835
607107.8	4200848.22	0.00000000	0	0.000822051	0.00082205	0.00000000	0	0.000072412	0.00007241	0	0	0.001401013	0.001401013	0.00000000	0	0.000465006	0.00046501
606547.8	4201348.22	0.00000000	0	0.000820896	0.00082090	0.00000000	0	0.000069205	0.00006920	0	0	0.001262797	0.001262797	0.00000000	0	0.000324228	0.00032423
607047.8	4200968.22	0.00000000	0	0.00082058	0.00082058	0.00000000	0	0.000071896	0.00007190	0	0	0.001381532	0.001381532	0.00000000	0	0.000446717	0.00044672
606967.8	4201088.22	0.00000000	0	0.000819776	0.00081978	0.00000000	0	0.000070911	0.00007091	0	0	0.001340068	0.001340068	0.00000000	0	0.000405027	0.00040503
606607.8	4201328.22	0.00000000	0	0.000818336	0.00081834	0.00000000	0	0.000069119	0.00006912	0	0	0.001264555	0.001264555	0.00000000	0	0.000329075	0.00032908
606867.8	4201188.22	0.00000000	0	0.00081754	0.00081754	0.00000000	0	0.000069989	0.00006999	0	0	0.001304441	0.001304441	0.00000000	0	0.000371040	0.00037104
606747.8	4201268.22	0.00000000	0	0.000816475	0.00081648	0.00000000	0	0.000069354	0.00006935	0	0	0.001278874	0.001278874	0.00000000	0	0.000346010	0.00034601
606707.8	4201288.22	0.00000000	0	0.000816446	0.00081645	0.00000000	0	0.000069214	0.00006921	0	0	0.00127281	0.00127281	0.00000000	0	0.000339809	0.00033981
607027.8	4201008.22	0.00000000	0	0.000813697	0.00081370	0.00000000	0	0.000071093	0.00007109	0	0	0.001361199	0.001361199	0.00000000	0	0.000433977	0.00043398
606987.8	4201068.22	0.00000000	0	0.000812901	0.00081290	0.00000000	0	0.000070543	0.00007054	0	0	0.001338749	0.001338749	0.00000000	0	0.000411832	0.00041183
606667.8	4201308.22	0.00000000	0	0.000812715	0.00081271	0.00000000	0	0.000068789	0.00006879	0	0	0.001262222	0.001262222	0.00000000	0	0.000333348	0.00033335
606787.8	4201248.22	0.00000000	0	0.000811987	0.00081199	0.00000000	0	0.000069138	0.00006914	0	0	0.001279118	0.001279118	0.00000000	0	0.000351589	0.00035159
606847.8	4201208.22	0.00000000	0	0.000810699	0.00081070	0.00000000	0	0.000069319	0.00006932	0	0	0.001289838	0.001289838	0.00000000	0	0.000364143	0.00036414
606567.8	4201348.22	0.00000000	0	0.000809291	0.00080929	0.00000000	0	0.000068287	0.00006829	0	0	0.001247613	0.001247613	0.00000000	0	0.000322389	0.00032239
607087.8	4200908.22	0.00000000	0	0.000808844	0.00080884	0.00000000	0	0.000071337	0.00007134	0	0	0.001382355	0.001382355	0.00000000	0	0.000461495	0.00046150
607107.8	4200868.22	0.00000000	0	0.000807483	0.00080748	0.00000000	0	0.000071334	0.00007133	0	0	0.001385162	0.001385162	0.00000000	0	0.000465999	0.00046600
607067.8	4200948.22	0.00000000	0	0.000806441	0.00080644	0.00000000	0	0.000070984	0.00007098	0	0	0.001372063	0.001372063	0.00000000	0	0.000453763	0.00045376
606627.8	4201328.22	0.00000000	0	0.00080587	0.00080587	0.00000000	0	0.000068131	0.00006813	0	0	0.001248144	0.001248144	0.00000000	0	0.000326995	0.00032700
607007.8	4201048.22	0.00000000	0	0.000804033	0.00080403	0.00000000	0	0.000070038	0.00007004	0	0	0.001335764	0.001335764	0.00000000	0	0.000419291	0.00041929
606827.8	4201228.22	0.00000000	0	0.000802359	0.00080236	0.00000000	0	0.000068525	0.00006852	0	0	0.001273009	0.001273009	0.00000000	0	0.000356736	0.00035674
607047.8	4200988.22	0.00000000	0	0.00080122	0.00080122	0.00000000	0	0.000070333	0.00007033	0	0	0.001354779	0.001354779	0.00000000	0	0.000442185	0.00044219
606727.8	4201288.22	0.00000000	0	0.000800972	0.00080097	0.00000000	0	0.000067995	0.00006799	0	0	0.001252741	0.001252741	0.00000000	0	0.000337538	0.00033754
606527.8	4201368.22	0.00000000	0	0.00079916	0.00079916	0.00000000	0	0.000067371	0.00006737	0	0	0.001229282	0.001229282	0.00000000	0	0.000315562	0.00031556
606767.8	4201268.22	0.00000000	0	0.000799146	0.00079915	0.00000000	0	0.000067990	0.00006799	0	0	0.001256462	0.001256462	0.00000000	0	0.000343532	0.00034353
606927.8	4201148.22	0.00000000	0	0.000799047	0.00079905	0.00000000	0	0.000068860	0.00006886	0	0	0.001294847	0.001294847	0.00000000	0	0.000383128	0.00038313
606687.8	4201308.22	0.00000000	0	0.000798915	0.00079892	0.00000000	0	0.000067699	0.00006770	0	0	0.001244208	0.001244208	0.00000000	0	0.000331204	0.00033120
606947.8	4201128.22	0.00000000	0	0.000798514	0.00079851	0.00000000	0	0.000068974	0.00006897	0	0	0.001301023	0.001301023	0.00000000	0	0.000390112	0.00039011
606587.8	4201348.22	0.00000000	0	0.000797603	0.00079760	0.00000000	0	0.000067363	0.00006736	0	0	0.001232311	0.001232311	0.00000000	0	0.000320526	0.00032053
606907.8	4201168.22	0.00000000	0	0.000797364	0.00079736	0.00000000	0	0.000068577	0.00006858	0	0	0.00128607	0.00128607	0.00000000	0	0.000376099	0.00037610
606967.8	4201108.22	0.00000000	0	0.000795614	0.00079561	0.00000000	0	0.000068910	0.00006891	0	0	0.001304479	0.001304479	0.00000000	0	0.000397109	0.00039711
606887.8	4201188.22	0.00000000	0	0.000793746	0.00079375	0.00000000	0	0.000068147	0.00006815	0	0	0.001275032	0.001275032	0.00000000	0	0.000369043	0.00036904
607027.8	4201028.22	0.00000000	0	0.000793638	0.00079364	0.00000000	0	0.000069440	0.00006944	0	0	0.001332008	0.001332008	0.00000000	0	0.000427767	0.00042777
606647.8	4201328.22	0.00000000	0	0.000793509	0.00079351	0.00000000	0	0.000067152	0.00006715	0	0	0.0012319	0.0012319	0.00000000	0	0.000324963	0.00032496
606807.8	4201248.22	0.00000000	0	0.000792559	0.00079256	0.00000000	0	0.000067616	0.00006762	0	0	0.001254305	0.001254305	0.00000000	0	0.000349134	0.00034913
607107.8	4200888.22	0.00000000	0	0.000792393	0.00079239	0.00000000	0	0.000070215	0.00007022	0	0	0.001368691	0.001368691	0.00000000	0	0.000466973	0.00046697
607087.8	4200928.22	0.00000000	0	0.000791922	0.00079192	0.00000000	0	0.000070042	0.00007004	0	0	0.001362105	0.001362105	0.00000000	0	0.000460758	0.00046076
606987.8	4201088.22	0.00000000	0	0.000790365	0.00079036	0.00000000	0	0.000068674	0.00006867	0	0	0.001305472	0.001305472	0.00000000	0	0.000404362	0.00040436
607127.8	4200848.22	0.00000000	0	0.000788914	0.00078891	0.00000000	0	0.000070029	0.00007003	0	0	0.001368022	0.001368022	0.00000000	0	0.000470414	0.00047041
606867.8	4201208.22	0.00000000	0	0.000788426	0.00078843	0.00000000	0	0.000067585	0.00006758	0	0	0.00126186	0.00126186	0.00000000	0	0.000361811	0.00036181
607067.8	4200968.22	0.00000000	0	0.000788296	0.00078830	0.00000000	0	0.000069549	0.00006955	0	0	0.0013483	0.0013483	0.00000000	0	0.000450865	0.00045086
606547.8	4201368.22	0.00000000	0	0.000788167	0.00078817	0.00000000	0	0.000066505	0.00006651	0	0	0.001215053	0.001215053	0.00000000	0	0.000313979	0.00031398
606607.8	4201348.22	0.00000000	0	0.000785928	0.00078593	0.00000000	0	0.000066441	0.00006644	0	0	0.001217065	0.001217065	0.00000000	0	0.000318705	0.00031871
606747.8	4201288.22	0.00000000	0	0.000785127	0.00078513	0.00000000	0	0.000066751	0.00006675	0	0	0.001232399	0.001232399	0.00000000	0	0.000335427	0.00033543
606707.8	4201308.22	0.00000000	0	0.000784806	0.00078481	0.00000000	0	0.000066588	0.00006659	0	0	0.001225973	0.001225973	0.00000000	0	0.000329198	0.00032920
607007.8	4201068.22	0.00000000	0	0.000783061	0.00078306	0.00000000	0	0.000068297	0.00006830	0	0	0.001304693	0.001304693	0.00000000	0	0.000412231	0.00041223
607047.8	4201008.22	0.00000000	0	0.000782307	0.00078231	0.00000000	0	0.000068793	0.00006879	0	0	0.001328101	0.001328101	0.00000000	0	0.000437201	0.00043720
606787.8	4201268.22	0.00000000	0	0.000781517	0.00078152	0.00000000	0	0.000066608	0.00006661	0	0	0.001233914	0.001233914	0.00000000	0	0.000341271	0.00034127
606847.8	4201228.22	0.00000000	0	0.000781506	0.00078151	0.00000000	0	0.000066902	0.00006690	0	0	0.00124684	0.00124684	0.00000000	0	0.000354577	0.00035458
606667.8	4201328.22	0.00000000	0	0.000780963	0.00078096	0.00000000	0	0.000066161	0.00006616	0	0	0.001215509	0.001215509	0.00000000	0	0.000323000	0.00032300
606567.8	4201368.22	0.00000000	0	0.000777269	0.00077727	0.00000000	0	0.000065645	0.00006564	0	0	0.001200849	0.001200849	0.00000000	0	0.000312307	0.00031231
607107.8	4200908.22	0.00000000	0	0.000777003	0.00077700	0.00000000	0	0.000069070	0.00006907	0	0	0.001351702	0.001351702	0.00000000	0	0.000467770	0.00046777
607127.8	4200868.22	0.00000000	0	0.000775513	0.00077551	0.00000000	0	0.000069070	0.00006907	0	0	0.001354915	0.001354915	0.00000000	0	0.000472843	0.00047284
607087.8	4200948.22	0.00000000	0	0.000775029	0.00077503	0.00000000	0	0.000068742	0.00006874	0	0	0.001341569	0.001341569	0.00000000	0	0.000459692	0.00045969
606627.8	4201348.22	0.00000000	0	0.000774333	0.00077433	0.00000000	0	0.000065524	0.00006552	0	0	0.001201911	0.001201911	0.00000000	0	0.000316885	0.00031689
607027.8	4201048.22	0.00000000	0	0.000774029	0.00077403	0.00000000	0	0.000067817	0.00006782	0	0	0.001303141	0.001303141	0.00000000	0	0.000421357	0.00042136
606947.8	4201148.22	0.00000000	0	0.000773638	0.00077364	0.00000000	0	0.000066916	0.00006692	0	0	0.001264482	0.001264482	0.00000000	0	0.000382063	0.00038206
606827.8	4201248.22	0.00000000	0	0.000773213	0.00077321	0.00000000	0	0.000066108	0.00006611	0	0	0.001229939	0.001229939	0.00000000	0	0.000347040	0.00034704
606927.8	4201168.22	0.00000000	0	0.000773059	0.00077306	0.00000000	0	0.000066710	0.00006671	0	0	0.001256696	0.001256696	0.00000000	0	0.000374742	0.00037474
606967.8	4201128.22	0.00000000	0	0.000772083	0.00077208	0.00000000	0	0.000066963	0.00006696	0	0	0.001269884	0.001269884	0.00000000	0	0.000389465	0.00038946
606907.8	4201188.22	0.00000000	0	0.000770625	0.00077062	0.00000000	0	0.000066365	0.00006636	0	0	0.001246796	0.001246796	0.00000000	0	0.000367450	0.00036745
607067.8	4200988.22	0.00000000	0	0.000770475	0.00077048	0.00000000	0	0.000068125	0.00006813	0	0	0.001324351	0.001324351	0.00000000	0	0.000447389	0.00044739
606727.8	4201308.22	0.00000000	0	0.000770467	0.00077047	0.00000000	0	0.000065463	0.00006546	0	0	0.001207568	0.001207568	0.00000000	0	0.000327292	0.00032729
606767.8	4201288.22	0.00000000	0	0.000769121	0.00076912	0.00000000	0	0.000065497	0.00006550	0	0	0.001211983	0.001211983	0.00000000	0	0.000333431	0.00033343
606987.8	4201108.22	0.00000000	0	0.000768339	0.00076834	0.00000000	0	0.000066849	0.00006685	0	0	0.001272975	0.001272975	0.00000000	0	0.000397087	0.00039709
606687.8	4201328.22	0.00000000	0	0.000768204	0.00076820	0.00000000	0	0.000065155	0.00006516	0	0	0.001198956	0.001198956	0.00000000	0	0.000321122	0.00032112
606527.8	4201388.22	0.00000000	0	0.000766781	0.00076678	0.00000000	0	0.000064713	0.00006471	0	0	0.001182629	0.001182629	0.00000000	0	0.000306019	0.00030602

606887.8	4201208.22	0.00000000	0	0.000766585	0.00076658	0.00000000	0	0.000065896	0.00006590	0	0	0.001234963	0.001234963	0.00000000	0	0.000360076	0.00036008
606587.8	4201368.22	0.00000000	0	0.000766477	0.00076648	0.00000000	0	0.000064792	0.00006479	0	0	0.001186774	0.001186774	0.00000000	0	0.000310643	0.00031064
607047.8	4201028.22	0.00000000	0	0.000763879	0.00076388	0.00000000	0	0.000067279	0.00006728	0	0	0.001301465	0.001301465	0.00000000	0	0.000431682	0.00043168
606807.8	4201268.22	0.00000000	0	0.000763679	0.00076368	0.00000000	0	0.000065216	0.00006522	0	0	0.001211418	0.001211418	0.00000000	0	0.000339310	0.00033931
606647.8	4201348.22	0.00000000	0	0.000762833	0.00076283	0.00000000	0	0.000064616	0.00006462	0	0	0.001186912	0.001186912	0.00000000	0	0.000315111	0.00031511
607007.8	4201088.22	0.00000000	0	0.000762466	0.00076247	0.00000000	0	0.000066590	0.00006659	0	0	0.00127428	0.00127428	0.00000000	0	0.000405401	0.00040540
607127.8	4200888.22	0.00000000	0	0.00076163	0.00076163	0.00000000	0	0.000068076	0.00006808	0	0	0.001341289	0.001341289	0.00000000	0	0.000475311	0.00047531
607107.8	4200928.22	0.00000000	0	0.000761436	0.00076144	0.00000000	0	0.000067910	0.00006791	0	0	0.001334422	0.001334422	0.00000000	0	0.000468479	0.00046848
606867.8	4201228.22	0.00000000	0	0.000760924	0.00076092	0.00000000	0	0.000065308	0.00006531	0	0	0.001221369	0.001221369	0.00000000	0	0.000352814	0.00035281
607087.8	4200968.22	0.00000000	0	0.000758309	0.00075831	0.00000000	0	0.000067444	0.00006744	0	0	0.00132075	0.00132075	0.00000000	0	0.000458129	0.00045813
607147.8	4200848.22	0.00000000	0	0.000758209	0.00075821	0.00000000	0	0.000067911	0.00006791	0	0	0.001341457	0.001341457	0.00000000	0	0.000479544	0.00047954
606547.8	4201388.22	0.00000000	0	0.000756646	0.00075665	0.00000000	0	0.000063922	0.00006392	0	0	0.00116982	0.00116982	0.00000000	0	0.000304877	0.00030488
606747.8	4201308.22	0.00000000	0	0.000755778	0.00075578	0.00000000	0	0.000064315	0.00006432	0	0	0.001188948	0.001188948	0.00000000	0	0.000325580	0.00032558
606607.8	4201368.22	0.00000000	0	0.00075568	0.00075568	0.00000000	0	0.000063950	0.00006395	0	0	0.00117312	0.00117312	0.00000000	0	0.000309419	0.00030942
606707.8	4201328.22	0.00000000	0	0.000755283	0.00075528	0.00000000	0	0.000064139	0.00006414	0	0	0.00118228	0.00118228	0.00000000	0	0.000319310	0.00031931
607027.8	4201068.22	0.00000000	0	0.000754876	0.00075488	0.00000000	0	0.000066223	0.00006622	0	0	0.001274609	0.001274609	0.00000000	0	0.000414751	0.00041475
606847.8	4201248.22	0.00000000	0	0.000753995	0.00075400	0.00000000	0	0.000064622	0.00006462	0	0	0.00120625	0.00120625	0.00000000	0	0.000345491	0.00034549
607067.8	4201008.22	0.00000000	0	0.000753047	0.00075305	0.00000000	0	0.000066718	0.00006672	0	0	0.001300249	0.001300249	0.00000000	0	0.000443292	0.00044329
606787.8	4201288.22	0.00000000	0	0.00075292	0.00075292	0.00000000	0	0.000064232	0.00006423	0	0	0.001191492	0.001191492	0.00000000	0	0.000331590	0.00033159
606667.8	4201348.22	0.00000000	0	0.000751179	0.00075118	0.00000000	0	0.000063698	0.00006370	0	0	0.001171811	0.001171811	0.00000000	0	0.000313415	0.00031341
606947.8	4201168.22	0.00000000	0	0.000749619	0.00074962	0.00000000	0	0.000064931	0.00006493	0	0	0.001229253	0.001229253	0.00000000	0	0.000374343	0.00037434
606967.8	4201148.22	0.00000000	0	0.000749171	0.00074917	0.00000000	0	0.000065070	0.00006507	0	0	0.001236334	0.001236334	0.00000000	0	0.000382158	0.00038216
606927.8	4201188.22	0.00000000	0	0.000748214	0.00074821	0.00000000	0	0.000064654	0.00006465	0	0	0.001220153	0.001220153	0.00000000	0	0.000366653	0.00036665
607127.8	4200908.22	0.00000000	0	0.000747467	0.00074747	0.00000000	0	0.000067057	0.00006706	0	0	0.001327187	0.001327187	0.00000000	0	0.000477620	0.00047762
606987.8	4201128.22	0.00000000	0	0.000746752	0.00074675	0.00000000	0	0.000065065	0.00006506	0	0	0.001241325	0.001241325	0.00000000	0	0.000390163	0.00039016
606567.8	4201388.22	0.00000000	0	0.000746702	0.00074670	0.00000000	0	0.000063136	0.00006314	0	0	0.001156837	0.001156837	0.00000000	0	0.000303330	0.00030333
607147.8	4200868.22	0.00000000	0	0.000745887	0.00074589	0.00000000	0	0.000067068	0.00006707	0	0	0.001331093	0.001331093	0.00000000	0	0.000483513	0.00048351
607047.8	4201048.22	0.00000000	0	0.00074587	0.00074587	0.00000000	0	0.000065789	0.00006579	0	0	0.001274989	0.001274989	0.00000000	0	0.000425833	0.00042583
607107.8	4200948.22	0.00000000	0	0.000745866	0.00074587	0.00000000	0	0.000066744	0.00006674	0	0	0.001316917	0.001316917	0.00000000	0	0.000468958	0.00046896
606827.8	4201268.22	0.00000000	0	0.000745855	0.00074586	0.00000000	0	0.000063835	0.00006383	0	0	0.001189311	0.001189311	0.00000000	0	0.000337734	0.00033773
606907.8	4201208.22	0.00000000	0	0.00074522	0.00074522	0.00000000	0	0.000064260	0.00006426	0	0	0.001209326	0.001209326	0.00000000	0	0.000359071	0.00035907
606627.8	4201368.22	0.00000000	0	0.000744696	0.00074470	0.00000000	0	0.000063087	0.00006309	0	0	0.001159005	0.001159005	0.00000000	0	0.000307942	0.00030794
607007.8	4201108.22	0.00000000	0	0.00074232	0.00074232	0.00000000	0	0.000064919	0.00006492	0	0	0.001244512	0.001244512	0.00000000	0	0.000398703	0.00039870
606727.8	4201328.22	0.00000000	0	0.000741972	0.00074197	0.00000000	0	0.000063098	0.00006310	0	0	0.001165375	0.001165375	0.00000000	0	0.000317726	0.00031773
607087.8	4200988.22	0.00000000	0	0.000741865	0.00074186	0.00000000	0	0.000066152	0.00006615	0	0	0.001299572	0.001299572	0.00000000	0	0.000455869	0.00045587
606767.8	4201308.22	0.00000000	0	0.00074102	0.00074102	0.00000000	0	0.000063164	0.00006316	0	0	0.001170324	0.001170324	0.00000000	0	0.000323946	0.00032395
606887.8	4201228.22	0.00000000	0	0.000740659	0.00074066	0.00000000	0	0.000063751	0.00006375	0	0	0.00119684	0.00119684	0.00000000	0	0.000351645	0.00035164
606687.8	4201348.22	0.00000000	0	0.000739325	0.00073932	0.00000000	0	0.000062767	0.00006277	0	0	0.001156567	0.001156567	0.00000000	0	0.000311809	0.00031181
606587.8	4201388.22	0.00000000	0	0.000736989	0.00073699	0.00000000	0	0.000062369	0.00006237	0	0	0.001144156	0.001144156	0.00000000	0	0.000301818	0.00030182
606807.8	4201288.22	0.00000000	0	0.000736563	0.00073656	0.00000000	0	0.000062962	0.00006296	0	0	0.001171086	0.001171086	0.00000000	0	0.000330020	0.00033002
606527.8	4201408.22	0.00000000	0	0.000736108	0.00073611	0.00000000	0	0.000062196	0.00006220	0	0	0.00113849	0.00113849	0.00000000	0	0.000297037	0.00029704
607067.8	4201028.22	0.00000000	0	0.000736038	0.00073604	0.00000000	0	0.000065327	0.00006533	0	0	0.001275975	0.001275975	0.00000000	0	0.000438518	0.00043852
607027.8	4201088.22	0.00000000	0	0.000736027	0.00073603	0.00000000	0	0.000064658	0.00006466	0	0	0.001246654	0.001246654	0.00000000	0	0.000408376	0.00040838
606867.8	4201248.22	0.00000000	0	0.000735029	0.00073503	0.00000000	0	0.000063159	0.00006316	0	0	0.001183048	0.001183048	0.00000000	0	0.000344144	0.00034414
606647.8	4201368.22	0.00000000	0	0.000733871	0.00073387	0.00000000	0	0.000062236	0.00006224	0	0	0.001145075	0.001145075	0.00000000	0	0.000306465	0.00030647
607147.8	4200888.22	0.00000000	0	0.00073313	0.00073313	0.00000000	0	0.000066193	0.00006619	0	0	0.001320247	0.001320247	0.00000000	0	0.000487503	0.00048750
607127.8	4200928.22	0.00000000	0	0.000733125	0.00073313	0.00000000	0	0.000066025	0.00006602	0	0	0.001312879	0.001312879	0.00000000	0	0.000479931	0.00047993
607107.8	4200968.22	0.00000000	0	0.000730426	0.00073043	0.00000000	0	0.000065578	0.00006558	0	0	0.001299086	0.001299086	0.00000000	0	0.000468950	0.00046895
607167.8	4200848.22	0.00000000	0	0.000729791	0.00072979	0.00000000	0	0.000066057	0.00006606	0	0	0.001321497	0.001321497	0.00000000	0	0.000492752	0.00049275
606747.8	4201328.22	0.00000000	0	0.000728425	0.00072842	0.00000000	0	0.000062043	0.00006204	0	0	0.001148338	0.001148338	0.00000000	0	0.000316287	0.00031629
607047.8	4201068.22	0.00000000	0	0.000728258	0.00072826	0.00000000	0	0.000064323	0.00006432	0	0	0.001248717	0.001248717	0.00000000	0	0.000419720	0.00041972
606847.8	4201268.22	0.00000000	0	0.000728114	0.00072811	0.00000000	0	0.000062473	0.00006247	0	0	0.001167871	0.001167871	0.00000000	0	0.000336744	0.00033674
606547.8	4201408.22	0.00000000	0	0.000727474	0.00072747	0.00000000	0	0.000061514	0.00006151	0	0	0.001127189	0.001127189	0.00000000	0	0.000295664	0.00029566
606707.8	4201348.22	0.00000000	0	0.000727404	0.00072740	0.00000000	0	0.000061832	0.00006183	0	0	0.001141286	0.001141286	0.00000000	0	0.000310246	0.00031025
606607.8	4201388.22	0.00000000	0	0.00072722	0.00072722	0.00000000	0	0.000061599	0.00006160	0	0	0.001131483	0.001131483	0.00000000	0	0.000300382	0.00030038
606967.8	4201168.22	0.00000000	0	0.000726984	0.00072698	0.00000000	0	0.000063237	0.00006324	0	0	0.001203835	0.001203835	0.00000000	0	0.000375073	0.00037507
606947.8	4201188.22	0.00000000	0	0.00072649	0.00072649	0.00000000	0	0.000063018	0.00006302	0	0	0.001195318	0.001195318	0.00000000	0	0.000366900	0.00036690
606787.8	4201308.22	0.00000000	0	0.000726082	0.00072608	0.00000000	0	0.000062003	0.00006200	0	0	0.001151658	0.001151658	0.00000000	0	0.000322481	0.00032248
607087.8	4201008.22	0.00000000	0	0.000725755	0.00072575	0.00000000	0	0.000064866	0.00006487	0	0	0.001277956	0.001277956	0.00000000	0	0.000452763	0.00045276
606987.8	4201148.22	0.00000000	0	0.000725656	0.00072566	0.00000000	0	0.000063324	0.00006332	0	0	0.001210536	0.001210536	0.00000000	0	0.000383542	0.00038354
606927.8	4201208.22	0.00000000	0	0.000724447	0.00072445	0.00000000	0	0.000062687	0.00006269	0	0	0.001185193	0.001185193	0.00000000	0	0.000358913	0.00035891
606667.8	4201368.22	0.00000000	0	0.000723086	0.00072309	0.00000000	0	0.000061390	0.00006139	0	0	0.001131236	0.001131236	0.00000000	0	0.000305036	0.00030504
607007.8	4201128.22	0.00000000	0	0.000722522	0.00072252	0.00000000	0	0.000063283	0.00006328	0	0	0.0012155	0.0012155	0.00000000	0	0.000392367	0.00039237
606907.8	4201228.22	0.00000000	0	0.000721042	0.00072104	0.00000000	0	0.000062255	0.00006226	0	0	0.00117361	0.00117361	0.00000000	0	0.000351042	0.00035104
606827.8	4201288.22	0.00000000	0	0.00072011	0.00072011	0.00000000	0	0.000061691	0.00006169	0	0	0.001150884	0.001150884	0.00000000	0	0.000328775	0.00032877
607147.8	4200908.22	0.00000000	0	0.000720043	0.00072004	0.00000000	0	0.000065298	0.00006530	0	0	0.001309255	0.001309255	0.00000000	0	0.000491733	0.00049173
607067.8	4201048.22	0.00000000	0	0.000719451	0.00071945	0.00000000	0	0.000063954	0.00006395	0	0	0.001251572	0.001251572	0.00000000	0	0.000433112	0.00043311
606567.8	4201408.22	0.00000000	0	0.000718746	0.00071875	0.00000000	0	0.000060825	0.00006082	0	0	0.001115811	0.001115811	0.00000000	0	0.000294323	0.00029432
607127.8	4200948.22	0.00000000	0	0.000718728	0.00071873	0.00000000	0	0.000064989	0.00006499	0	0	0.001298545	0.001298545	0.00000000	0	0.000482280	0.00048228
607167.8	4200868.22	0.00000000	0	0.000718411	0.00071841	0.00000000	0	0.000065331	0.00006533	0	0	0.001314224	0.001314224	0.00000000	0	0.000498782	0.00049878
607027.8	4201108.22	0.00000000	0	0.000717554	0.00071755	0.00000000	0	0.000063125	0.00006312	0	0	0.00121929	0.00121929	0.00000000	0	0.000402163	0.00040216
606627.8	4201388.22	0.00000000	0	0.000717173	0.00071717	0.00000000	0	0.000060810	0.00006081	0	0	0.001118573	0.001118573	0.00000000	0	0.000299032	0.00029903
606887.8	4201248.22	0.00000000	0	0.000716304	0.00071630	0.00000000	0	0.000061728	0.00006173	0	0	0.001160727	0.001160727	0.00000000	0	0.000343417	0.00034342
606533.18	4201421.18	0.00000000	0	0.000715877	0.00071588	0.00000000	0	0.000060531	0.00006053	0	0	0.001109122	0.001109122	0.00000000	0	0.000290850	0.00029085
606727.8	4201348.22	0.00000000	0	0.000715225	0.00071522	0.00000000	0	0.000060880	0.00006088	0	0	0.001125841	0.001125841	0.00000000	0	0.000308819	0.00030882
607107.8	4200988.22	0.00000000	0	0.000715213	0.00071521	0.00000000	0	0.000064410	0.00006441	0	0	0.001280738	0.001280738	0.00000000	0	0.000468139	0.00046814
606767.8	4201328.22	0.00000000	0	0.000714642	0.00071464	0.00000000	0	0.000060975	0.00006097	0	0	0.001131249	0.001131249	0.00000000	0	0.000315073	0.00031507
606687.8	4201368.22	0.00000000	0	0.000712176	0.00071218	0.00000000	0	0.000060535	0.00006054	0	0	0.001117315	0.001117315	0.00000000	0	0.000303670	0.00030367
606807.8	4201308.22	0.00000000	0	0.000711018	0.00071102	0.00000000	0	0.000060838	0.00006084	0	0	0.001133076	0.001133076	0.00000000	0	0.000321254	0.00032125
607047.8	4201088.22	0.00000000	0	0.000710977	0.00071098	0.00000000	0	0.000062883	0.00006288	0	0	0.00122289	0.00122289	0.00000000	0	0.000413674	0.00041367
606867.8	4201268.22	0.00000000	0	0.000710535	0.00071053	0.00000000	0	0.000061125	0.00006113	0	0	0.00114673	0.00114673	0.00000000	0	0.000335870	0.00033587
607087.8	4201028.22	0.00000000	0	0.000710021	0.00071002	0.00000000	0	0.000063587	0.00006359	0	0	0.001255856	0.001255856	0.00000000	0	0.000448712	0.00044871
606587.8	4201408.22	0.00000000	0	0.000709926	0.00070993	0.00000000	0	0.000060129	0.00006013	0	0	0.001104358	0.001104358	0.00000000	0	0.000293014	0.00029301
606553.18	4201421.18	0.00000000	0	0.000708012	0.00070801	0.00000000	0	0.000059911	0.00005991	0	0	0.001098904	0.001098904	0.00000000	0	0.000289678	0.00028968
606647.8	4201388.22	0.00000000	0	0.000707042	0.00070704	0.00000000	0	0.000060017	0.00006002	0	0	0.001105642	0.001105642	0.00000000	0	0.000297760	0.00029776
607147.8	4200928.22	0.00000000	0	0.0007068	0.00070680	0.00000000	0	0.000064392	0.00006439	0	0	0.001298087	0.001298087	0.00000000	0	0.000495969	0.00049597
607167.8	4200888.22	0.00000000	0	0.000706653	0.00070665	0.00000000	0	0.000064575	0.00006457	0	0	0.001306442	0.001306442	0.00000000	0	0.000504737	0.00050474
606967.8	4201188.22	0.00000000	0	0.00070551	0.00070551	0.00000000	0	0.000061463	0.00006146	0	0	0.001172387	0.001172387	0.00000000	0	0.000368222	0.00036822
606987.8	4201168.22	0.00000000	0	0.000705171	0.00070517	0.00000000	0	0.000061633	0.00006163	0	0	0.001180581	0.001180581	0.00000000	0	0.000377053	0.00037705
607127.8	4200968.22	0.00000000	0	0.00070447	0.00070447	0.00000000	0	0.000063950	0.00006395	0	0	0.001283761	0.001283761	0.00000000	0	0.000484001	0.00048400
606947.8	4201208.22	0.00000000	0	0.000704326	0.00070433	0.00000000	0	0.000061184	0.00006118	0	0	0.001162711	0.001162711	0.00000000	0	0.000359677	0.00035968
606847.8	4201288.22	0.00000000	0	0.000703665	0.00070366	0.00000000	0	0.000060440	0.00006044	0	0	0.001131533	0.001131533	0.00000000	0	0.000328396	0.00032840
607187.8	4200848.22	0.00000000	0	0.0007034	0.00070340	0.00000000	0	0.000064478	0.00006448	0	0	0.001309248	0.001309248	0.00000000	0	0.000511484	0.00051148
607067.8	4201068.22	0.00000000	0	0.000703207	0.00070321	0.00000000	0	0.000062600	0.00006260	0	0	0.001227256	0.001227256	0.00000000	0	0.000427388	0.00042739
607007.8	4201148.22	0.00000000	0	0.000703105	0.00070311	0.00000000	0	0.000061683	0.00006168	0	0	0.001187237	0.001187237	0.00000000	0	0.000386350	0.00038635
606747.8	4201348.22	0.00000000	0	0.000702774	0.00070277	0.00000000	0	0.000059912	0.00005991	0	0	0.001110258	0.001110258	0.00000000	0	0.000307573	0.00030757
606927.8	4201228.22	0.00000000	0	0.000701819	0.00070182	0.00000000	0	0.000060810	0.00006081	0	0	0.001151739	0.001151739	0.00000000	0	0.000351369	0.00035137
606707.8	4201368.22	0.00000000	0	0.00070111	0.00070111	0.00000000	0	0.000059670	0.00005967	0	0	0.001103247	0.001103247	0.00000000	0	0.000302338	0.00030234
606787.8	4201328.22	0.00000000	0	0.000700765	0.00070077	0.00000000	0	0.000059902	0.00005990	0	0	0.001114167	0.001114167	0.00000000	0	0.000313978	0.00031398
606607.8	4201408.22	0.00000000	0	0.000700752	0.00070075	0.00000000	0	0.000059409	0.00005941	0	0	0.001092569	0.001092569	0.00000000	0	0.000291781	0.00029178
607107.8	4201008.22	0.00000000	0	0.000700286	0.00070029	0.00000000	0	0.000063241	0.00006324	0	0	0.001261673	0.001261673	0.00000000	0	0.000466252	0.00046625
606573.18	4201421.18	0.00000000	0	0.000699578	0.00069958	0.00000000	0	0.000059247	0.00005925	0	0	0.001087985	0.001087985	0.00000000	0	0.000288460	0.00028846
607027.8	4201128.22	0.00000000	0	0.000699372	0.00069937	0.00000000	0	0.000061622	0.00006162	0	0	0.001192618	0.001192618	0.00000000	0	0.000396316	0.00039632
606907.8	4201248.22	0.00000000	0	0.000697993	0.00069799	0.00000000	0	0.000060345	0.00006034	0	0	0.001139576	0.001139576	0.00000000	0	0.000343402	0.00034340
606667.8	4201388.22	0.00000000	0	0.0006968	0.00069680	0.00000000	0	0.000059216	0.00005922	0	0	0.001092663	0.001092663	0.00000000	0	0.000296569	0.00029657
606827.8	4201308.22	0.00000000	0	0.00069577	0.00069577	0.00000000	0	0.000059667	0.00005967	0	0	0.001114656	0.001114656	0.00000000	0	0.000320411	0.00032041
607087.8	4201048.22	0.00000000	0	0.00069466	0.00069466	0.00000000	0	0.000062318	0.00006232	0	0	0.00123335	0.00123335	0.00000000	0	0.000443802	0.00044380
607167.8	4200908.22	0.00000000	0	0.000694593	0.00069459	0.00000000	0	0.000063802	0.00006380	0	0	0.001298578	0.001298578	0.00000000	0	0.000510965	0.00051097
607047.8	4201108.22	0.00000000	0	0.000693993	0.00069399	0.00000000	0	0.000061471	0.00006147	0	0	0.001197644	0.001197644	0.00000000	0	0.000407871	0.00040787
607147.8	4200948.22	0.00000000	0	0.000693539	0.00069354	0.00000000	0	0.000063480	0.00006348	0	0	0.001286733	0.001286733	0.00000000	0	0.000500034	0.00050003
606887.8	4201268.22	0.00000000	0	0.000693182	0.00069318	0.00000000	0	0.000059807	0.00005981	0	0	0.00112639	0.00112639	0.00000000	0	0.000335552	0.00033555
607187.8	4200868.22	0.00000000	0	0.000692904	0.00069290	0.00000000	0	0.000063875	0.00006387	0	0	0.001305435	0.001305435	0.00000000	0	0.000520022	0.00052002
606627.8	4201408.22	0.00000000	0	0.000691306	0.00069131	0.00000000	0	0.000058670	0.00005867	0	0	0.001080556	0.001080556	0.00000000	0	0.000290640	0.00029064
606593.18	4201421.18	0.00000000	0	0.000691094	0.00069109	0.00000000	0	0.000058580	0.00005858	0	0	0.001077053	0.001077053	0.00000000	0	0.000287289	0.00028729
607127.8	4200988.22	0.00000000	0	0.000690375	0.00069037	0.00000000	0	0.000062907	0.00006291	0	0	0.001268452	0.001268452	0.00000000	0	0.000484989	0.00048499
606727.8	4201368.22	0.00000000	0	0.000689988	0.00068999	0.00000000	0	0.000058791	0.00005879	0	0	0.001088696	0.001088696	0.00000000	0	0.000300577	0.00030058
606767.8	4201348.22	0.00000000	0	0.00068995	0.00068995	0.00000000	0	0.000058923	0.00005892	0	0	0.001094574	0.001094574	0.00000000	0	0.000306667	0.00030667
606867.8	4201288.22	0.00000000	0	0.00068739	0.00068739	0.00000000	0	0.000059202	0.00005920	0	0	0.001112352	0.001112352	0.00000000	0	0.000327989	0.00032799
607067.8	4201088.22	0.00000000	0	0.000687295	0.00068730	0.00000000	0	0.000061269	0.00006127	0	0	0.001203247	0.001203247	0.00000000	0	0.000421585	0.00042158
606807.8	4201328.22	0.00000000	0	0.000686837	0.00068684	0.00000000	0	0.000058830	0.00005883	0	0	0.001097213	0.001097213	0.00000000	0	0.000313077	0.00031308
606687.8	4201388.22	0.00000000	0	0.000686543	0.00068654	0.00000000	0	0.000058418	0.00005842	0	0	0.0010798	0.0010798	0.00000000	0	0.000295517	0.00029552
607107.8	4201028.22	0.00000000	0	0.000685685	0.00068569	0.00000000	0	0.000062067	0.00006207	0	0	0.001241716	0.001241716	0.00000000	0	0.000463059	0.00046306
606987.8	4201188.22	0.00000000	0	0.000685241	0.00068524	0.00000000	0	0.000059988	0.00005999	0	0	0.001151485	0.001151485	0.00000000	0	0.000370788	0.00037079
606967.8	4201208.22	0.00000000	0	0.000684826	0.00068483	0.00000000	0	0.000059752	0.00005975	0	0	0.001142014	0.001142014	0.00000000	0	0.000361540	0.00036154
607007.8	4201168.22	0.00000000	0	0.000684175	0.00068417	0.00000000	0	0.000060121	0.00006012	0	0	0.001159627	0.001159627	0.00000000	0	0.000380428	0.00038043
606947.8	4201228.22	0.00000000	0	0.000683087	0.00068309	0.00000000	0	0.000059423	0.00005942	0	0	0.001131366	0.001131366	0.00000000	0	0.000352654	0.00035265
607167.8	4200928.22	0.00000000	0	0.000682342	0.00068234	0.00000000	0	0.000063022	0.00006302	0	0	0.001290827	0.001290827	0.00000000	0	0.000517538	0.00051754
606613.18	4201421.18	0.00000000	0	0.000682329	0.00068233	0.00000000	0	0.000057893	0.00005789	0	0	0.001065874	0.001065874	0.00000000	0	0.000286197	0.00028620
607187.8	4200888.22	0.00000000	0	0.000682045	0.00068204	0.00000000	0	0.000063245	0.00006325	0	0	0.001301275	0.001301275	0.00000000	0	0.000528635	0.00052864
606647.8	4201408.22	0.00000000	0	0.000681724	0.00068172	0.00000000	0	0.000057922	0.00005792	0	0	0.001068464	0.001068464	0.00000000	0	0.000289579	0.00028958
607027.8	4201148.22	0.00000000	0	0.000681498	0.00068150	0.00000000	0	0.000060149	0.00006015	0	0	0.001166637	0.001166637	0.00000000	0	0.000390815	0.00039081
606847.8	4201308.22	0.00000000	0	0.000680578	0.00068058	0.00000000	0	0.000058516	0.00005852	0	0	0.001096959	0.001096959	0.00000000	0	0.000320246	0.00032025
607147.8	4200968.22	0.00000000	0	0.000680312	0.00068031	0.00000000	0	0.000062571	0.00006257	0	0	0.001275452	0.001275452	0.00000000	0	0.000504135	0.00050413
606927.8	4201248.22	0.00000000	0	0.000680097	0.00068010	0.00000000	0	0.000059010	0.00005901	0	0	0.001119686	0.001119686	0.00000000	0	0.000344190	0.00034419
607087.8	4201068.22	0.00000000	0	0.000679625	0.00067963	0.00000000	0	0.000061061	0.00006106	0	0	0.0012107	0.0012107	0.00000000	0	0.000438355	0.00043835
607207.8	4200848.22	0.00000000	0	0.000678897	0.00067890	0.00000000	0	0.000063201	0.00006320	0	0	0.001306149	0.001306149	0.00000000	0	0.000537385	0.00053738
606747.8	4201368.22	0.00000000	0	0.000678566	0.00067857	0.00000000	0	0.000057903	0.00005790	0	0	0.001074443	0.001074443	0.00000000	0	0.000299477	0.00029948
607047.8	4201128.22	0.00000000	0	0.000677254	0.00067725	0.00000000	0	0.000060087	0.00006009	0	0	0.001173094	0.001173094	0.00000000	0	0.000402494	0.00040249
606787.8	4201348.22	0.00000000	0	0.000677024	0.00067702	0.00000000	0	0.000057930	0.00005793	0	0	0.001078924	0.001078924	0.00000000	0	0.000305916	0.00030592
607127.8	4201008.22	0.00000000	0	0.000676515	0.00067652	0.00000000	0	0.000061853	0.00006185	0	0	0.001252154	0.001252154	0.00000000	0	0.000484680	0.00048468
606707.8	4201388.22	0.00000000	0	0.000676237	0.00067624	0.00000000	0	0.000057618	0.00005762	0	0	0.001066953	0.001066953	0.00000000	0	0.000294539	0.00029454
606907.8	4201268.22	0.00000000	0	0.000676158	0.00067616	0.00000000	0	0.000058530	0.00005853	0	0	0.001107123	0.001107123	0.00000000	0	0.000335946	0.00033595
606633.18	4201421.18	0.00000000	0	0.000673096	0.00067310	0.00000000	0	0.000057174	0.00005717	0	0	0.001054251	0.001054251	0.00000000	0	0.000285205	0.00028520
606827.8	4201328.22	0.00000000	0	0.000672781	0.00067278	0.00000000	0	0.000057755	0.00005776	0	0	0.001080434	0.001080434	0.00000000	0	0.000312507	0.00031251
606667.8	4201408.22	0.00000000	0	0.0006723	0.00067230	0.00000000	0	0.000057189	0.00005719	0	0	0.001056643	0.001056643	0.00000000	0	0.000288609	0.00028861
607067.8	4201108.22	0.00000000	0	0.000671608	0.00067161	0.00000000	0	0.000059965	0.00005997	0	0	0.001179938	0.001179938	0.00000000	0	0.000416235	0.00041623
607107.8	4201048.22	0.00000000	0	0.000671424	0.00067142	0.00000000	0	0.000060891	0.00006089	0	0	0.001220936	0.001220936	0.00000000	0	0.000458619	0.00045862
606887.8	4201288.22	0.00000000	0	0.000671282	0.00067128	0.00000000	0	0.000057986	0.00005799	0	0	0.001093825	0.001093825	0.00000000	0	0.000328057	0.00032806
607187.8	4200908.22	0.00000000	0	0.000670926	0.00067093	0.00000000	0	0.000062599	0.00006260	0	0	0.001296923	0.001296923	0.00000000	0	0.000537360	0.00053736
607167.8	4200948.22	0.00000000	0	0.000670046	0.00067005	0.00000000	0	0.000062242	0.00006224	0	0	0.001283158	0.001283158	0.00000000	0	0.000524247	0.00052425
607207.8	4200868.22	0.00000000	0	0.000669265	0.00066926	0.00000000	0	0.000062726	0.00006273	0	0	0.001306089	0.001306089	0.00000000	0	0.000548758	0.00054876
607147.8	4200988.22	0.00000000	0	0.00066723	0.00066723	0.00000000	0	0.000061658	0.00006166	0	0	0.001263623	0.001263623	0.00000000	0	0.000507499	0.00050750
606767.8	4201368.22	0.00000000	0	0.000666731	0.00066673	0.00000000	0	0.000056993	0.00005699	0	0	0.001060053	0.001060053	0.00000000	0	0.000298727	0.00029873
606987.8	4201208.22	0.00000000	0	0.000665952	0.00066595	0.00000000	0	0.000058395	0.00005839	0	0	0.001123238	0.001123238	0.00000000	0	0.000364635	0.00036463
606727.8	4201388.22	0.00000000	0	0.000665946	0.00066595	0.00000000	0	0.000056820	0.00005682	0	0	0.00105417	0.00105417	0.00000000	0	0.000293609	0.00029361
607007.8	4201188.22	0.00000000	0	0.00066569	0.00066569	0.00000000	0	0.000058598	0.00005860	0	0	0.001132739	0.001132739	0.00000000	0	0.000374717	0.00037472
606867.8	4201308.22	0.00000000	0	0.000665432	0.00066543	0.00000000	0	0.000057377	0.00005738	0	0	0.001079714	0.001079714	0.00000000	0	0.000320490	0.00032049
606967.8	4201228.22	0.00000000	0	0.000664898	0.00066490	0.00000000	0	0.000058102	0.00005810	0	0	0.001112689	0.001112689	0.00000000	0	0.000355037	0.00035504
607087.8	4201088.22	0.00000000	0	0.000664872	0.00066487	0.00000000	0	0.000059826	0.00005983	0	0	0.001188387	0.001188387	0.00000000	0	0.000432920	0.00043292
607027.8	4201168.22	0.00000000	0	0.000663995	0.00066399	0.00000000	0	0.000058709	0.00005871	0	0	0.001141241	0.001141241	0.00000000	0	0.000385474	0.00038547
606807.8	4201348.22	0.00000000	0	0.00066395	0.00066395	0.00000000	0	0.000056938	0.00005694	0	0	0.00106366	0.00106366	0.00000000	0	0.000305738	0.00030574
606653.18	4201421.18	0.00000000	0	0.000663646	0.00066365	0.00000000	0	0.000056440	0.00005644	0	0	0.001042478	0.001042478	0.00000000	0	0.000284314	0.00028431
607127.8	4201028.22	0.00000000	0	0.000662937	0.00066294	0.00000000	0	0.000060782	0.00006078	0	0	0.001234469	0.001234469	0.00000000	0	0.000482612	0.00048261
606687.8	4201408.22	0.00000000	0	0.000662823	0.00066282	0.00000000	0	0.000056454	0.00005645	0	0	0.001044858	0.001044858	0.00000000	0	0.000287739	0.00028774
606947.8	4201248.22	0.00000000	0	0.000662728	0.00066273	0.00000000	0	0.000057734	0.00005773	0	0	0.00110123	0.00110123	0.00000000	0	0.000345828	0.00034583
607047.8	4201148.22	0.00000000	0	0.000660781	0.00066078	0.00000000	0	0.000058731	0.00005873	0	0	0.001149176	0.001149176	0.00000000	0	0.000397451	0.00039745
607187.8	4200928.22	0.00000000	0	0.000659629	0.00065963	0.00000000	0	0.000061946	0.00006195	0	0	0.001292684	0.001292684	0.00000000	0	0.000546410	0.00054641
606927.8	4201268.22	0.00000000	0	0.000659501	0.00065950	0.00000000	0	0.000057297	0.00005730	0	0	0.00108904	0.00108904	0.00000000	0	0.000337122	0.00033712
607207.8	4200888.22	0.00000000	0	0.000659261	0.00065926	0.00000000	0	0.000062236	0.00006224	0	0	0.001306226	0.001306226	0.00000000	0	0.000560775	0.00056078
606847.8	4201328.22	0.00000000	0	0.000658677	0.00065868	0.00000000	0	0.000056692	0.00005669	0	0	0.001064277	0.001064277	0.00000000	0	0.000312632	0.00031263

607167.8	4200968.22	0.00000000	0	0.000657819	0.00065782	0.00000000	0	0.000061463	0.00006146	0	0	0.001275406	0.001275406	0.00000000	0	0.000530789	0.00053079
607107.8	4201068.22	0.00000000	0	0.000657438	0.00065744	0.00000000	0	0.000059722	0.00005972	0	0	0.001199856	0.001199856	0.00000000	0	0.000453541	0.00045354
607227.8	4200848.22	0.00000000	0	0.000656249	0.00065625	0.00000000	0	0.000062251	0.00006225	0	0	0.001313384	0.001313384	0.00000000	0	0.000571712	0.00057171
607067.8	4201128.22	0.00000000	0	0.000656178	0.00065618	0.00000000	0	0.000058688	0.00005869	0	0	0.001157246	0.001157246	0.00000000	0	0.000411215	0.00041121
606747.8	4201388.22	0.00000000	0	0.000655649	0.00065565	0.00000000	0	0.000056005	0.00005601	0	0	0.001040687	0.001040687	0.00000000	0	0.000291966	0.00029197
606907.8	4201288.22	0.00000000	0	0.000655388	0.00065539	0.00000000	0	0.000056801	0.00005680	0	0	0.001076154	0.001076154	0.00000000	0	0.000328752	0.00032875
606787.8	4201368.22	0.00000000	0	0.00065461	0.00065461	0.00000000	0	0.000056070	0.00005607	0	0	0.001045743	0.001045743	0.00000000	0	0.000298400	0.00029840
606673.18	4201421.18	0.00000000	0	0.000654501	0.00065450	0.00000000	0	0.000055731	0.00005573	0	0	0.001031148	0.001031148	0.00000000	0	0.000283518	0.00028352
607147.8	4201008.22	0.00000000	0	0.000654351	0.00065435	0.00000000	0	0.000060726	0.00006073	0	0	0.001250572	0.001250572	0.00000000	0	0.000509366	0.00050937
606707.8	4201408.22	0.00000000	0	0.000653105	0.00065310	0.00000000	0	0.000055703	0.00005570	0	0	0.001032922	0.001032922	0.00000000	0	0.000287000	0.00028700
606827.8	4201348.22	0.00000000	0	0.000650962	0.00065096	0.00000000	0	0.000055949	0.00005595	0	0	0.001048334	0.001048334	0.00000000	0	0.000305395	0.00030539
606887.8	4201308.22	0.00000000	0	0.000650461	0.00065046	0.00000000	0	0.000056253	0.00005625	0	0	0.001062762	0.001062762	0.00000000	0	0.000320828	0.00032083
607087.8	4201108.22	0.00000000	0	0.000650399	0.00065040	0.00000000	0	0.000058617	0.00005862	0	0	0.001166587	0.001166587	0.00000000	0	0.000427682	0.00042768
607127.8	4201048.22	0.00000000	0	0.000649657	0.00064966	0.00000000	0	0.000059692	0.00005969	0	0	0.001215373	0.001215373	0.00000000	0	0.000478737	0.00047874
607207.8	4200908.22	0.00000000	0	0.000648984	0.00064898	0.00000000	0	0.000061738	0.00006174	0	0	0.001306584	0.001306584	0.00000000	0	0.000573342	0.00057334
607187.8	4200948.22	0.00000000	0	0.000648242	0.00064824	0.00000000	0	0.000061303	0.00006130	0	0	0.001289104	0.001289104	0.00000000	0	0.000556247	0.00055625
607007.8	4201208.22	0.00000000	0	0.000647717	0.00064772	0.00000000	0	0.000057116	0.00005712	0	0	0.001106561	0.001106561	0.00000000	0	0.000369131	0.00036913
607227.8	4200868.22	0.00000000	0	0.000647378	0.00064738	0.00000000	0	0.000061943	0.00006194	0	0	0.001319042	0.001319042	0.00000000	0	0.000588062	0.00058806
606987.8	4201228.22	0.00000000	0	0.00064731	0.00064731	0.00000000	0	0.000056852	0.00005685	0	0	0.001095831	0.001095831	0.00000000	0	0.000358579	0.00035858
607027.8	4201188.22	0.00000000	0	0.00064682	0.00064682	0.00000000	0	0.000057299	0.00005730	0	0	0.001116501	0.001116501	0.00000000	0	0.000380419	0.00038042
606967.8	4201248.22	0.00000000	0	0.000645804	0.00064580	0.00000000	0	0.000056517	0.00005652	0	0	0.001084389	0.001084389	0.00000000	0	0.000348598	0.00034860
607167.8	4200988.22	0.00000000	0	0.000645682	0.00064568	0.00000000	0	0.000060688	0.00006069	0	0	0.001267646	0.001267646	0.00000000	0	0.000537216	0.00053722
606693.18	4201421.18	0.00000000	0	0.00064554	0.00064554	0.00000000	0	0.000055039	0.00005504	0	0	0.001020123	0.001020123	0.00000000	0	0.000282817	0.00028282
606767.8	4201388.22	0.00000000	0	0.000644738	0.00064474	0.00000000	0	0.000055167	0.00005517	0	0	0.001027494	0.001027494	0.00000000	0	0.000291350	0.00029135
606867.8	4201328.22	0.00000000	0	0.000644615	0.00064462	0.00000000	0	0.000055642	0.00005564	0	0	0.001048596	0.001048596	0.00000000	0	0.000313198	0.00031320
607047.8	4201168.22	0.00000000	0	0.000644564	0.00064456	0.00000000	0	0.000057401	0.00005740	0	0	0.00112586	0.00112586	0.00000000	0	0.000392722	0.00039272
607107.8	4201088.22	0.00000000	0	0.000643754	0.00064375	0.00000000	0	0.000058568	0.00005857	0	0	0.001178777	0.001178777	0.00000000	0	0.000448107	0.00044811
606727.8	4201408.22	0.00000000	0	0.000643323	0.00064332	0.00000000	0	0.000054950	0.00005495	0	0	0.001021027	0.001021027	0.00000000	0	0.000286379	0.00028638
606947.8	4201268.22	0.00000000	0	0.000643248	0.00064325	0.00000000	0	0.000056116	0.00005612	0	0	0.001072312	0.001072312	0.00000000	0	0.000339213	0.00033921
606807.8	4201368.22	0.00000000	0	0.000642449	0.00064245	0.00000000	0	0.000055157	0.00005516	0	0	0.001031961	0.001031961	0.00000000	0	0.000298661	0.00029866
607147.8	4201028.22	0.00000000	0	0.000641698	0.00064170	0.00000000	0	0.000059762	0.00005976	0	0	0.001235595	0.001235595	0.00000000	0	0.000508983	0.00050898
607067.8	4201148.22	0.00000000	0	0.000640978	0.00064098	0.00000000	0	0.000057437	0.00005744	0	0	0.001135177	0.001135177	0.00000000	0	0.000406562	0.00040656
606927.8	4201288.22	0.00000000	0	0.000639814	0.00063981	0.00000000	0	0.000055659	0.00005566	0	0	0.001059697	0.001059697	0.00000000	0	0.000330315	0.00033031
607207.8	4200928.22	0.00000000	0	0.000638554	0.00063855	0.00000000	0	0.000061231	0.00006123	0	0	0.001306852	0.001306852	0.00000000	0	0.000586001	0.00058600
607227.8	4200888.22	0.00000000	0	0.000638188	0.00063819	0.00000000	0	0.000061624	0.00006162	0	0	0.001324868	0.001324868	0.00000000	0	0.000604964	0.00060496
606847.8	4201348.22	0.00000000	0	0.000637911	0.00063791	0.00000000	0	0.000054966	0.00005497	0	0	0.001033387	0.001033387	0.00000000	0	0.000305515	0.00030552
607187.8	4200968.22	0.00000000	0	0.000636905	0.00063691	0.00000000	0	0.000060669	0.00006067	0	0	0.001285744	0.001285744	0.00000000	0	0.000566249	0.00056625
607127.8	4201068.22	0.00000000	0	0.000636622	0.00063662	0.00000000	0	0.000058599	0.00005860	0	0	0.001195551	0.001195551	0.00000000	0	0.000473825	0.00047382
606713.18	4201421.18	0.00000000	0	0.000636245	0.00063625	0.00000000	0	0.000054324	0.00005432	0	0	0.001008835	0.001008835	0.00000000	0	0.000282242	0.00028224
607087.8	4201128.22	0.00000000	0	0.000636108	0.00063611	0.00000000	0	0.000057436	0.00005744	0	0	0.001145658	0.001145658	0.00000000	0	0.000423122	0.00042312
606907.8	4201308.22	0.00000000	0	0.000635643	0.00063564	0.00000000	0	0.000055155	0.00005516	0	0	0.001046599	0.001046599	0.00000000	0	0.000321796	0.00032180
607167.8	4201008.22	0.00000000	0	0.000633714	0.00063371	0.00000000	0	0.000059894	0.00005989	0	0	0.001258647	0.001258647	0.00000000	0	0.000542170	0.00054217
606747.8	4201408.22	0.00000000	0	0.000633574	0.00063357	0.00000000	0	0.000054201	0.00005420	0	0	0.001009226	0.001009226	0.00000000	0	0.000285816	0.00028582
606787.8	4201388.22	0.00000000	0	0.000633414	0.00063341	0.00000000	0	0.000054317	0.00005432	0	0	0.001014667	0.001014667	0.00000000	0	0.000291602	0.00029160
606887.8	4201328.22	0.00000000	0	0.000630628	0.00063063	0.00000000	0	0.000054602	0.00005460	0	0	0.001033153	0.001033153	0.00000000	0	0.000313921	0.00031392
606827.8	4201368.22	0.00000000	0	0.000630316	0.00063032	0.00000000	0	0.000054240	0.00005424	0	0	0.001017973	0.001017973	0.00000000	0	0.000298679	0.00029868
607107.8	4201108.22	0.00000000	0	0.000630315	0.00063032	0.00000000	0	0.000057441	0.00005744	0	0	0.001158365	0.001158365	0.00000000	0	0.000443068	0.00044307
607007.8	4201228.22	0.00000000	0	0.000630247	0.00063025	0.00000000	0	0.000055676	0.00005568	0	0	0.001081085	0.001081085	0.00000000	0	0.000363669	0.00036367
607027.8	4201208.22	0.00000000	0	0.00063005	0.00063005	0.00000000	0	0.000055922	0.00005592	0	0	0.001092321	0.001092321	0.00000000	0	0.000375458	0.00037546
606987.8	4201248.22	0.00000000	0	0.000629356	0.00062936	0.00000000	0	0.000055362	0.00005536	0	0	0.001069252	0.001069252	0.00000000	0	0.000352557	0.00035256
607147.8	4201048.22	0.00000000	0	0.000629305	0.00062930	0.00000000	0	0.000058755	0.00005875	0	0	0.001218202	0.001218202	0.00000000	0	0.000505807	0.00050581
607227.8	4200908.22	0.00000000	0	0.000628753	0.00062875	0.00000000	0	0.000061297	0.00006130	0	0	0.001330902	0.001330902	0.00000000	0	0.000622370	0.00062237
607047.8	4201188.22	0.00000000	0	0.000628652	0.00062865	0.00000000	0	0.000056098	0.00005610	0	0	0.001103045	0.001103045	0.00000000	0	0.000388147	0.00038815
607207.8	4200948.22	0.00000000	0	0.000628053	0.00062805	0.00000000	0	0.000060731	0.00006073	0	0	0.001307606	0.001307606	0.00000000	0	0.000599242	0.00059924
606967.8	4201268.22	0.00000000	0	0.000627423	0.00062742	0.00000000	0	0.000054990	0.00005499	0	0	0.001057104	0.001057104	0.00000000	0	0.000342357	0.00034236
606727.8	4201423.25	0.00000000	0	0.000627235	0.00062724	0.00000000	0	0.000053620	0.00005362	0	0	0.00099742	0.00099742	0.00000000	0	0.000281198	0.00028120
607067.8	4201168.22	0.00000000	0	0.000625977	0.00062598	0.00000000	0	0.000056209	0.00005621	0	0	0.001113725	0.001113725	0.00000000	0	0.000402308	0.00040231
607187.8	4200988.22	0.00000000	0	0.000625666	0.00062567	0.00000000	0	0.000060046	0.00006005	0	0	0.001282703	0.001282703	0.00000000	0	0.000576464	0.00057646
606867.8	4201348.22	0.00000000	0	0.000624813	0.00062481	0.00000000	0	0.000053992	0.00005399	0	0	0.001018986	0.001018986	0.00000000	0	0.000306253	0.00030625
606947.8	4201288.22	0.00000000	0	0.000624591	0.00062459	0.00000000	0	0.000054564	0.00005456	0	0	0.001044525	0.001044525	0.00000000	0	0.000332783	0.00033278
607127.8	4201088.22	0.00000000	0	0.000623852	0.00062385	0.00000000	0	0.000057516	0.00005752	0	0	0.001175638	0.001175638	0.00000000	0	0.000468505	0.00046850
606767.8	4201408.22	0.00000000	0	0.000623791	0.00062379	0.00000000	0	0.000053446	0.00005345	0	0	0.000997203	0.000997203	0.00000000	0	0.000285064	0.00028506
606807.8	4201388.22	0.00000000	0	0.00062214	0.00062214	0.00000000	0	0.000053468	0.00005347	0	0	0.00100177	0.00100177	0.00000000	0	0.000291721	0.00029172
607087.8	4201148.22	0.00000000	0	0.000622053	0.00062205	0.00000000	0	0.000056279	0.00005628	0	0	0.001125269	0.001125269	0.00000000	0	0.000418838	0.00041884
607167.8	4201028.22	0.00000000	0	0.000621936	0.00062194	0.00000000	0	0.000059048	0.00005905	0	0	0.001246971	0.001246971	0.00000000	0	0.000544143	0.00054414
606927.8	4201308.22	0.00000000	0	0.000621094	0.00062109	0.00000000	0	0.000054097	0.00005410	0	0	0.001031591	0.001031591	0.00000000	0	0.000323632	0.00032363
607227.8	4200928.22	0.00000000	0	0.000619158	0.00061916	0.00000000	0	0.000060962	0.00006096	0	0	0.001336964	0.001336964	0.00000000	0	0.000639995	0.00064000
606847.8	4201368.22	0.00000000	0	0.000618096	0.00061810	0.00000000	0	0.000053326	0.00005333	0	0	0.001004239	0.001004239	0.00000000	0	0.000299061	0.00029906
606747.8	4201423.25	0.00000000	0	0.000617904	0.00061790	0.00000000	0	0.000052907	0.00005291	0	0	0.000986307	0.000986307	0.00000000	0	0.000280846	0.00028085
607207.8	4200968.22	0.00000000	0	0.000617554	0.00061755	0.00000000	0	0.000060261	0.00006026	0	0	0.001309671	0.001309671	0.00000000	0	0.000613830	0.00061383
607147.8	4201068.22	0.00000000	0	0.000617121	0.00061712	0.00000000	0	0.000057727	0.00005773	0	0	0.001199429	0.001199429	0.00000000	0	0.000500964	0.00050096
607107.8	4201128.22	0.00000000	0	0.000617091	0.00061709	0.00000000	0	0.000056344	0.00005634	0	0	0.001138814	0.001138814	0.00000000	0	0.000438659	0.00043866
606907.8	4201328.22	0.00000000	0	0.000616831	0.00061683	0.00000000	0	0.000053587	0.00005359	0	0	0.001018432	0.001018432	0.00000000	0	0.000315159	0.00031516
607187.8	4201008.22	0.00000000	0	0.000614563	0.00061456	0.00000000	0	0.000059415	0.00005942	0	0	0.001279006	0.001279006	0.00000000	0	0.000585842	0.00058584
607027.8	4201228.22	0.00000000	0	0.000613705	0.00061370	0.00000000	0	0.000054579	0.00005458	0	0	0.00106871	0.00106871	0.00000000	0	0.000370580	0.00037058
607007.8	4201248.22	0.00000000	0	0.000613345	0.00061335	0.00000000	0	0.000054277	0.00005428	0	0	0.001056245	0.001056245	0.00000000	0	0.000358187	0.00035819
606787.8	4201408.22	0.00000000	0	0.000613267	0.00061327	0.00000000	0	0.000052653	0.00005265	0	0	0.000985184	0.000985184	0.00000000	0	0.000285196	0.00028520
607047.8	4201208.22	0.00000000	0	0.000613072	0.00061307	0.00000000	0	0.000054821	0.00005482	0	0	0.00108069	0.00108069	0.00000000	0	0.000383651	0.00038365
606987.8	4201268.22	0.00000000	0	0.000612022	0.00061202	0.00000000	0	0.000053923	0.00005392	0	0	0.001043547	0.001043547	0.00000000	0	0.000346698	0.00034670
606887.8	4201348.22	0.00000000	0	0.000611776	0.00061178	0.00000000	0	0.000053030	0.00005303	0	0	0.001004918	0.001004918	0.00000000	0	0.000307262	0.00030726
607127.8	4201108.22	0.00000000	0	0.000611355	0.00061136	0.00000000	0	0.000056458	0.00005646	0	0	0.001156207	0.001156207	0.00000000	0	0.000463356	0.00046336
607067.8	4201188.22	0.00000000	0	0.000611219	0.00061122	0.00000000	0	0.000055004	0.00005500	0	0	0.001092704	0.001092704	0.00000000	0	0.000398208	0.00039821
606827.8	4201388.22	0.00000000	0	0.000610769	0.00061077	0.00000000	0	0.000052616	0.00005262	0	0	0.00098895	0.00098895	0.00000000	0	0.000292034	0.00029203
607167.8	4201048.22	0.00000000	0	0.000610324	0.00061032	0.00000000	0	0.000058136	0.00005814	0	0	0.00123205	0.00123205	0.00000000	0	0.000542582	0.00054258
606967.8	4201288.22	0.00000000	0	0.000609782	0.00060978	0.00000000	0	0.000053520	0.00005352	0	0	0.00103073	0.00103073	0.00000000	0	0.000336176	0.00033618
607227.8	4200948.22	0.00000000	0	0.00060949	0.00060949	0.00000000	0	0.000060636	0.00006064	0	0	0.001343516	0.001343516	0.00000000	0	0.000658211	0.00065821
606767.8	4201423.25	0.00000000	0	0.00060853	0.00060853	0.00000000	0	0.000052192	0.00005219	0	0	0.000975192	0.000975192	0.00000000	0	0.000280543	0.00028054
607087.8	4201168.22	0.00000000	0	0.000608189	0.00060819	0.00000000	0	0.000055144	0.00005514	0	0	0.001105412	0.001105412	0.00000000	0	0.000414874	0.00041487
607207.8	4200988.22	0.00000000	0	0.000607178	0.00060718	0.00000000	0	0.000059804	0.00005980	0	0	0.001312042	0.001312042	0.00000000	0	0.000628586	0.00062859
606947.8	4201308.22	0.00000000	0	0.00060679	0.00060679	0.00000000	0	0.000053078	0.00005308	0	0	0.001017806	0.001017806	0.00000000	0	0.000326436	0.00032644
606867.8	4201368.22	0.00000000	0	0.000605898	0.00060590	0.00000000	0	0.000052420	0.00005242	0	0	0.000990861	0.000990861	0.00000000	0	0.000299783	0.00029978
607147.8	4201088.22	0.00000000	0	0.000605181	0.00060518	0.00000000	0	0.000056700	0.00005670	0	0	0.001180168	0.001180168	0.00000000	0	0.000495329	0.00049533
607107.8	4201148.22	0.00000000	0	0.000604045	0.00060405	0.00000000	0	0.000055274	0.00005527	0	0	0.00112005	0.00112005	0.00000000	0	0.000434848	0.00043485
607187.8	4201028.22	0.00000000	0	0.000603627	0.00060363	0.00000000	0	0.000058713	0.00005871	0	0	0.001271813	0.001271813	0.00000000	0	0.000591427	0.00059143
606927.8	4201328.22	0.00000000	0	0.000603214	0.00060321	0.00000000	0	0.000052603	0.00005260	0	0	0.001004687	0.001004687	0.00000000	0	0.000317188	0.00031719
606807.8	4201408.22	0.00000000	0	0.000602963	0.00060296	0.00000000	0	0.000051872	0.00005187	0	0	0.000973158	0.000973158	0.00000000	0	0.000285059	0.00028506
607227.8	4200968.22	0.00000000	0	0.000599837	0.00059984	0.00000000	0	0.000060329	0.00006033	0	0	0.001350919	0.001350919	0.00000000	0	0.000677284	0.00067728
606847.8	4201388.22	0.00000000	0	0.000599314	0.00059931	0.00000000	0	0.000051765	0.00005177	0	0	0.000976364	0.000976364	0.00000000	0	0.000292689	0.00029269
607127.8	4201128.22	0.00000000	0	0.000599055	0.00059905	0.00000000	0	0.000055435	0.00005544	0	0	0.001137927	0.001137927	0.00000000	0	0.000459159	0.00045916
607167.8	4201068.22	0.00000000	0	0.000598919	0.00059892	0.00000000	0	0.000057162	0.00005716	0	0	0.001213963	0.001213963	0.00000000	0	0.000537519	0.00053752
606907.8	4201348.22	0.00000000	0	0.000598886	0.00059889	0.00000000	0	0.000052089	0.00005209	0	0	0.000991489	0.000991489	0.00000000	0	0.000308754	0.00030875
606787.8	4201423.25	0.00000000	0	0.000598809	0.00059881	0.00000000	0	0.000051458	0.00005146	0	0	0.000963952	0.000963952	0.00000000	0	0.000280524	0.00028052
607027.8	4201248.22	0.00000000	0	0.000597848	0.00059785	0.00000000	0	0.000053270	0.00005327	0	0	0.001045528	0.001045528	0.00000000	0	0.000365562	0.00036556
607047.8	4201228.22	0.00000000	0	0.000597813	0.00059781	0.00000000	0	0.000053570	0.00005357	0	0	0.001058775	0.001058775	0.00000000	0	0.000379227	0.00037923
607007.8	4201268.22	0.00000000	0	0.000596998	0.00059700	0.00000000	0	0.000052922	0.00005292	0	0	0.001032092	0.001032092	0.00000000	0	0.000352752	0.00035275
607207.8	4201008.22	0.00000000	0	0.000596928	0.00059693	0.00000000	0	0.000059366	0.00005937	0	0	0.001314953	0.001314953	0.00000000	0	0.000643747	0.00064375
607067.8	4201208.22	0.00000000	0	0.000596706	0.00059671	0.00000000	0	0.000053819	0.00005382	0	0	0.001072105	0.001072105	0.00000000	0	0.000394251	0.00039425
606987.8	4201288.22	0.00000000	0	0.000595327	0.00059533	0.00000000	0	0.000052533	0.00005253	0	0	0.001018659	0.001018659	0.00000000	0	0.000340921	0.00034092
607087.8	4201188.22	0.00000000	0	0.000594488	0.00059449	0.00000000	0	0.000054029	0.00005403	0	0	0.001086069	0.001086069	0.00000000	0	0.000411245	0.00041125
606887.8	4201368.22	0.00000000	0	0.000593719	0.00059372	0.00000000	0	0.000051526	0.00005153	0	0	0.000977955	0.000977955	0.00000000	0	0.000300967	0.00030097
607147.8	4201108.22	0.00000000	0	0.000593488	0.00059349	0.00000000	0	0.000055702	0.00005570	0	0	0.001161638	0.001161638	0.00000000	0	0.000490153	0.00049015
606967.8	4201308.22	0.00000000	0	0.000592911	0.00059291	0.00000000	0	0.000052111	0.00005211	0	0	0.001005344	0.001005344	0.00000000	0	0.000330095	0.00033010
607187.8	4201048.22	0.00000000	0	0.000592777	0.00059278	0.00000000	0	0.000057911	0.00005791	0	0	0.001260095	0.001260095	0.00000000	0	0.000592256	0.00059226
606827.8	4201408.22	0.00000000	0	0.000592227	0.00059223	0.00000000	0	0.000051076	0.00005108	0	0	0.000961421	0.000961421	0.00000000	0	0.000285734	0.00028573
607107.8	4201168.22	0.00000000	0	0.000591162	0.00059116	0.00000000	0	0.000054225	0.00005422	0	0	0.001101867	0.001101867	0.00000000	0	0.000431441	0.00043144
606947.8	4201328.22	0.00000000	0	0.000589825	0.00058983	0.00000000	0	0.000051658	0.00005166	0	0	0.000992148	0.000992148	0.00000000	0	0.000320186	0.00032019
606807.8	4201423.25	0.00000000	0	0.000589197	0.00058920	0.00000000	0	0.000050725	0.00005073	0	0	0.000952587	0.000952587	0.00000000	0	0.000280246	0.00028025
606867.8	4201388.22	0.00000000	0	0.000587844	0.00058784	0.00000000	0	0.000050921	0.00005092	0	0	0.000964096	0.000964096	0.00000000	0	0.000293688	0.00029369
607167.8	4201088.22	0.00000000	0	0.000587711	0.00058771	0.00000000	0	0.000056175	0.00005617	0	0	0.001194863	0.001194863	0.00000000	0	0.000531181	0.00053118
607127.8	4201148.22	0.00000000	0	0.000586926	0.00058693	0.00000000	0	0.000054443	0.00005444	0	0	0.001120596	0.001120596	0.00000000	0	0.000455732	0.00045573
606927.8	4201348.22	0.00000000	0	0.000586138	0.00058614	0.00000000	0	0.000051177	0.00005118	0	0	0.000978993	0.000978993	0.00000000	0	0.000311034	0.00031103
607047.8	4201248.22	0.00000000	0	0.000582932	0.00058293	0.00000000	0	0.000052346	0.00005235	0	0	0.001037207	0.001037207	0.00000000	0	0.000374711	0.00037471
607067.8	4201228.22	0.00000000	0	0.000582474	0.00058247	0.00000000	0	0.000052656	0.00005266	0	0	0.001051789	0.001051789	0.00000000	0	0.000390252	0.00039025
607027.8	4201268.22	0.00000000	0	0.000582466	0.00058247	0.00000000	0	0.000051995	0.00005199	0	0	0.001022825	0.001022825	0.00000000	0	0.000360473	0.00036047
607187.8	4201068.22	0.00000000	0	0.000582041	0.00058204	0.00000000	0	0.000056995	0.00005699	0	0	0.001243078	0.001243078	0.00000000	0	0.000587500	0.00058750
607147.8	4201128.22	0.00000000	0	0.000582018	0.00058202	0.00000000	0	0.000054742	0.00005474	0	0	0.001144317	0.001144317	0.00000000	0	0.000485954	0.00048595
606907.8	4201368.22	0.00000000	0	0.000581661	0.00058166	0.00000000	0	0.000050654	0.00005065	0	0	0.000965736	0.000965736	0.00000000	0	0.000302716	0.00030272
606847.8	4201408.22	0.00000000	0	0.000581501	0.00058150	0.00000000	0	0.000050285	0.00005028	0	0	0.000949896	0.000949896	0.00000000	0	0.000286614	0.00028661
607007.8	4201288.22	0.00000000	0	0.000581225	0.00058123	0.00000000	0	0.000051608	0.00005161	0	0	0.001008542	0.001008542	0.00000000	0	0.000347257	0.00034726
607087.8	4201208.22	0.00000000	0	0.000580964	0.00058096	0.00000000	0	0.000052931	0.00005293	0	0	0.001067143	0.001067143	0.00000000	0	0.000407836	0.00040784
606987.8	4201308.22	0.00000000	0	0.000579269	0.00057927	0.00000000	0	0.000051193	0.00005119	0	0	0.000994553	0.000994553	0.00000000	0	0.000335191	0.00033519
607107.8	4201188.22	0.00000000	0	0.000578462	0.00057846	0.00000000	0	0.000053190	0.00005319	0	0	0.001083881	0.001083881	0.00000000	0	0.000428021	0.00042802
607167.8	4201108.22	0.00000000	0	0.000576746	0.00057675	0.00000000	0	0.000055218	0.00005522	0	0	0.001176566	0.001176566	0.00000000	0	0.000525381	0.00052538
606967.8	4201328.22	0.00000000	0	0.000576722	0.00057672	0.00000000	0	0.000050755	0.00005076	0	0	0.000980855	0.000980855	0.00000000	0	0.000324128	0.00032413
606887.8	4201388.22	0.00000000	0	0.00057645	0.00057645	0.00000000	0	0.000050091	0.00005009	0	0	0.000952316	0.000952316	0.00000000	0	0.000295099	0.00029510
607127.8	4201168.22	0.00000000	0	0.000574977	0.00057498	0.00000000	0	0.000053469	0.00005347	0	0	0.001103646	0.001103646	0.00000000	0	0.000452485	0.00045248
606827.8	4201428.22	0.00000000	0	0.000574786	0.00057479	0.00000000	0	0.000049620	0.00004962	0	0	0.000935226	0.000935226	0.00000000	0	0.000279498	0.00027950
606947.8	4201348.22	0.00000000	0	0.000573602	0.00057360	0.00000000	0	0.000050298	0.00005030	0	0	0.000967549	0.000967549	0.00000000	0	0.000314147	0.00031415
607187.8	4201088.22	0.00000000	0	0.000571478	0.00057148	0.00000000	0	0.000056026	0.00005603	0	0	0.001223397	0.001223397	0.00000000	0	0.000579798	0.00057980
606867.8	4201408.22	0.00000000	0	0.000570765	0.00057076	0.00000000	0	0.000049500	0.00004950	0	0	0.000938671	0.000938671	0.00000000	0	0.000287815	0.00028782
607147.8	4201148.22	0.00000000	0	0.000570736	0.00057074	0.00000000	0	0.000053815	0.00005382	0	0	0.001128007	0.001128007	0.00000000	0	0.000482574	0.00048257
606927.8	4201368.22	0.00000000	0	0.000569737	0.00056974	0.00000000	0	0.000049807	0.00004981	0	0	0.000954334	0.000954334	0.00000000	0	0.000305144	0.00030514
607067.8	4201248.22	0.00000000	0	0.000568556	0.00056856	0.00000000	0	0.000051512	0.00005151	0	0	0.001031671	0.001031671	0.00000000	0	0.000386083	0.00038608
607047.8	4201268.22	0.00000000	0	0.000568481	0.00056848	0.00000000	0	0.000051148	0.00005115	0	0	0.00101589	0.00101589	0.00000000	0	0.000369943	0.00036994
607087.8	4201228.22	0.00000000	0	0.000567698	0.00056770	0.00000000	0	0.000051848	0.00005185	0	0	0.001048279	0.001048279	0.00000000	0	0.000404183	0.00040418
607027.8	4201288.22	0.00000000	0	0.000567586	0.00056759	0.00000000	0	0.000050755	0.00005075	0	0	0.001000559	0.001000559	0.00000000	0	0.000355238	0.00035524
607207.8	4201068.22	0.00000000	0	0.000566583	0.00056658	0.00000000	0	0.000057381	0.00005738	0	0	0.001293395	0.001293395	0.00000000	0	0.000657600	0.00065760
607007.8	4201308.22	0.00000000	0	0.000566034	0.00056603	0.00000000	0	0.000050338	0.00005034	0	0	0.000985628	0.000985628	0.00000000	0	0.000341724	0.00034172
607167.8	4201128.22	0.00000000	0	0.000566015	0.00056602	0.00000000	0	0.000054310	0.00005431	0	0	0.001159898	0.001159898	0.00000000	0	0.000520977	0.00052098
607107.8	4201208.22	0.00000000	0	0.000565902	0.00056590	0.00000000	0	0.000052170	0.00005217	0	0	0.001066277	0.001066277	0.00000000	0	0.000424826	0.00042483
606907.8	4201388.22	0.00000000	0	0.000565137	0.00056514	0.00000000	0	0.000049280	0.00004928	0	0	0.000941147	0.000941147	0.00000000	0	0.000297042	0.00029704
606847.8	4201428.22	0.00000000	0	0.000564635	0.00056463	0.00000000	0	0.000048881	0.00004888	0	0	0.000924745	0.000924745	0.00000000	0	0.000280770	0.00028077
606987.8	4201328.22	0.00000000	0	0.000563946	0.00056395	0.00000000	0	0.000049906	0.00004991	0	0	0.000971187	0.000971187	0.00000000	0	0.000329351	0.00032935
607127.8	4201188.22	0.00000000	0	0.000563168	0.00056317	0.00000000	0	0.000052507	0.00005251	0	0	0.001086986	0.001086986	0.00000000	0	0.000449370	0.00044937
606967.8	4201348.22	0.00000000	0	0.000561289	0.00056129	0.00000000	0	0.000049460	0.00004946	0	0	0.000957343	0.000957343	0.00000000	0	0.000318267	0.00031827
607187.8	4201108.22	0.00000000	0	0.00056115	0.00056115	0.00000000	0	0.000055089	0.00005509	0	0	0.001204585	0.001204585	0.00000000	0	0.000572712	0.00057271
606887.8	4201408.22	0.00000000	0	0.000560043	0.00056004	0.00000000	0	0.000048727	0.00004873	0	0	0.000927898	0.000927898	0.00000000	0	0.000289463	0.00028946
607147.8	4201168.22	0.00000000	0	0.000559606	0.00055961	0.00000000	0	0.000052909	0.00005291	0	0	0.001112287	0.001112287	0.00000000	0	0.000479619	0.00047962
606947.8	4201368.22	0.00000000	0	0.00055799	0.00055799	0.00000000	0	0.000048991	0.00004899	0	0	0.000943919	0.000943919	0.00000000	0	0.000308379	0.00030838
607207.8	4201088.22	0.00000000	0	0.000556566	0.00055657	0.00000000	0	0.000056397	0.00005640	0	0	0.001271872	0.001271872	0.00000000	0	0.000647355	0.00064736
607167.8	4201148.22	0.00000000	0	0.000555473	0.00055547	0.00000000	0	0.000053440	0.00005344	0	0	0.001144514	0.001144514	0.00000000	0	0.000517671	0.00051767
607067.8	4201268.22	0.00000000	0	0.00055493	0.00055493	0.00000000	0	0.000050388	0.00005039	0	0	0.001011812	0.001011812	0.00000000	0	0.000381836	0.00038184
607087.8	4201248.22	0.00000000	0	0.000554662	0.00055466	0.00000000	0	0.000050780	0.00005078	0	0	0.001029568	0.001029568	0.00000000	0	0.000400415	0.00040041
606867.8	4201428.22	0.00000000	0	0.000554578	0.00055458	0.00000000	0	0.000048152	0.00004815	0	0	0.000914473	0.000914473	0.00000000	0	0.000282145	0.00028214
607047.8	4201288.22	0.00000000	0	0.000554438	0.00055444	0.00000000	0	0.000049977	0.00004998	0	0	0.000994847	0.000994847	0.00000000	0	0.000364971	0.00036497
606927.8	4201388.22	0.00000000	0	0.000553982	0.00055398	0.00000000	0	0.000048494	0.00004849	0	0	0.000930756	0.000930756	0.00000000	0	0.000299598	0.00029960
607107.8	4201228.22	0.00000000	0	0.000553522	0.00055352	0.00000000	0	0.000051161	0.00005116	0	0	0.001048782	0.001048782	0.00000000	0	0.000421529	0.00042153
607027.8	4201308.22	0.00000000	0	0.000553212	0.00055321	0.00000000	0	0.000049549	0.00004955	0	0	0.000978703	0.000978703	0.00000000	0	0.000349824	0.00034982
607227.8	4201068.22	0.00000000	0	0.000552768	0.00055277	0.00000000	0	0.000058600	0.00005860	0	0	0.001376748	0.001376748	0.00000000	0	0.000759726	0.00075973
607007.8	4201328.22	0.00000000	0	0.000551463	0.00055146	0.00000000	0	0.000049111	0.00004911	0	0	0.000963259	0.000963259	0.00000000	0	0.000336016	0.00033602

607127.8	4201208.22	0.00000000	0	0.000551457	0.00055146	0.00000000	0	0.000051561	0.00005156	0	0	0.001070775	0.001070775	0.00000000	0	0.000446599	0.00044660
607187.8	4201128.22	0.00000000	0	0.000551067	0.00055107	0.00000000	0	0.000054216	0.00005422	0	0	0.001188085	0.001188085	0.00000000	0	0.000567711	0.00056771
606907.8	4201408.22	0.00000000	0	0.000549426	0.00054943	0.00000000	0	0.000047972	0.00004797	0	0	0.000917694	0.000917694	0.00000000	0	0.000291573	0.00029157
606987.8	4201348.22	0.00000000	0	0.000549284	0.00054928	0.00000000	0	0.000048666	0.00004867	0	0	0.00094847	0.00094847	0.00000000	0	0.000323394	0.00032339
607147.8	4201188.22	0.00000000	0	0.000548581	0.00054858	0.00000000	0	0.000052018	0.00005202	0	0	0.001097049	0.001097049	0.00000000	0	0.000477036	0.00047704
607207.8	4201108.22	0.00000000	0	0.000546781	0.00054678	0.00000000	0	0.000055444	0.00005544	0	0	0.001251234	0.001251234	0.00000000	0	0.000637747	0.00063775
606967.8	4201368.22	0.00000000	0	0.000546508	0.00054651	0.00000000	0	0.000048213	0.00004821	0	0	0.000934605	0.000934605	0.00000000	0	0.000312429	0.00031243
607167.8	4201168.22	0.00000000	0	0.000545081	0.00054508	0.00000000	0	0.000052593	0.00005259	0	0	0.001129835	0.001129835	0.00000000	0	0.000514910	0.00051491
606887.8	4201428.22	0.00000000	0	0.000544499	0.00054450	0.00000000	0	0.000047431	0.00004743	0	0	0.000904626	0.000904626	0.00000000	0	0.000283982	0.00028398
607307.8	4201068.22	0.00000000	0	0.000543392	0.00054339	0.00000000	0	0.000102307	0.00010231	0	0	0.003314357	0.003314357	0.00000000	0	0.002763614	0.00276361
607227.8	4201088.22	0.00000000	0	0.000543191	0.00054319	0.00000000	0	0.000057546	0.00005755	0	0	0.00135116	0.00135116	0.00000000	0	0.000744778	0.00074478
606947.8	4201388.22	0.00000000	0	0.00054299	0.00054299	0.00000000	0	0.000047736	0.00004774	0	0	0.000921272	0.000921272	0.00000000	0	0.000302892	0.00030289
607087.8	4201268.22	0.00000000	0	0.000541898	0.00054190	0.00000000	0	0.000049726	0.00004973	0	0	0.001010902	0.001010902	0.00000000	0	0.000396371	0.00039637
607067.8	4201288.22	0.00000000	0	0.0005417	0.00054170	0.00000000	0	0.000049283	0.00004928	0	0	0.000991932	0.000991932	0.00000000	0	0.000377095	0.00037710
607107.8	4201248.22	0.00000000	0	0.000541312	0.00054131	0.00000000	0	0.000050165	0.00005017	0	0	0.001031444	0.001031444	0.00000000	0	0.000418193	0.00041819
607187.8	4201148.22	0.00000000	0	0.000541185	0.00054119	0.00000000	0	0.000053394	0.00005339	0	0	0.001173355	0.001173355	0.00000000	0	0.000564293	0.00056429
607247.8	4201068.22	0.00000000	0	0.000541097	0.00054110	0.00000000	0	0.000061211	0.00006121	0	0	0.001516461	0.001516461	0.00000000	0	0.000917269	0.00091727
607047.8	4201308.22	0.00000000	0	0.000540845	0.00054084	0.00000000	0	0.000048833	0.00004883	0	0	0.000974017	0.000974017	0.00000000	0	0.000359686	0.00035969
607127.8	4201228.22	0.00000000	0	0.000539886	0.00053989	0.00000000	0	0.000050624	0.00005062	0	0	0.001054643	0.001054643	0.00000000	0	0.000443745	0.00044374
607027.8	4201328.22	0.00000000	0	0.000539332	0.00053933	0.00000000	0	0.000048378	0.00004838	0	0	0.000957321	0.000957321	0.00000000	0	0.000344311	0.00034431
606927.8	4201408.22	0.00000000	0	0.00053872	0.00053872	0.00000000	0	0.000047226	0.00004723	0	0	0.000908121	0.000908121	0.00000000	0	0.000294437	0.00029444
607147.8	4201208.22	0.00000000	0	0.000537681	0.00053768	0.00000000	0	0.000051135	0.00005114	0	0	0.001081846	0.001081846	0.00000000	0	0.000474340	0.00047434
607007.8	4201348.22	0.00000000	0	0.000537534	0.00053753	0.00000000	0	0.000047926	0.00004793	0	0	0.000941387	0.000941387	0.00000000	0	0.000330058	0.00033006
607207.8	4201128.22	0.00000000	0	0.000537265	0.00053727	0.00000000	0	0.000054588	0.00005459	0	0	0.001234211	0.001234211	0.00000000	0	0.000631535	0.00063154
607307.8	4201088.22	0.00000000	0	0.000535974	0.00053597	0.00000000	0	0.000101767	0.00010177	0	0	0.003306662	0.003306662	0.00000000	0	0.002764506	0.00276451
606987.8	4201368.22	0.00000000	0	0.000535159	0.00053516	0.00000000	0	0.000047472	0.00004747	0	0	0.000926577	0.000926577	0.00000000	0	0.000317645	0.00031765
607167.8	4201188.22	0.00000000	0	0.000534774	0.00053477	0.00000000	0	0.000051768	0.00005177	0	0	0.001115904	0.001115904	0.00000000	0	0.000512818	0.00051282
606907.8	4201428.22	0.00000000	0	0.000534065	0.00053407	0.00000000	0	0.000046704	0.00004670	0	0	0.000895275	0.000895275	0.00000000	0	0.000286751	0.00028675
607227.8	4201108.22	0.00000000	0	0.00053383	0.00053383	0.00000000	0	0.000056517	0.00005652	0	0	0.001326254	0.001326254	0.00000000	0	0.000730276	0.00073028
607267.8	4201068.22	0.00000000	0	0.000532753	0.00053275	0.00000000	0	0.000066445	0.00006644	0	0	0.001764096	0.001764096	0.00000000	0	0.001181858	0.00118186
606967.8	4201388.22	0.00000000	0	0.000532201	0.00053220	0.00000000	0	0.000047012	0.00004701	0	0	0.000912812	0.000912812	0.00000000	0	0.000306999	0.00030700
607247.8	4201088.22	0.00000000	0	0.000531812	0.00053181	0.00000000	0	0.000059983	0.00005998	0	0	0.001482674	0.001482674	0.00000000	0	0.000893543	0.00089354
607187.8	4201168.22	0.00000000	0	0.000531452	0.00053145	0.00000000	0	0.000052602	0.00005260	0	0	0.001159642	0.001159642	0.00000000	0	0.000561745	0.00056174
607287.8	4201068.22	0.00000000	0	0.000530805	0.00053080	0.00000000	0	0.000077417	0.00007742	0	0	0.002249644	0.002249644	0.00000000	0	0.001683540	0.00168354
607087.8	4201288.22	0.00000000	0	0.000529398	0.00052940	0.00000000	0	0.000048686	0.00004869	0	0	0.000992275	0.000992275	0.00000000	0	0.000392052	0.00039205
607107.8	4201268.22	0.00000000	0	0.000529332	0.00052933	0.00000000	0	0.000049176	0.00004918	0	0	0.00101395	0.00101395	0.00000000	0	0.000414424	0.00041442
607067.8	4201308.22	0.00000000	0	0.000528817	0.00052882	0.00000000	0	0.000048199	0.00004820	0	0	0.000972183	0.000972183	0.00000000	0	0.000372079	0.00037208
607127.8	4201248.22	0.00000000	0	0.000528464	0.00052846	0.00000000	0	0.000049693	0.00004969	0	0	0.001038506	0.001038506	0.00000000	0	0.000440708	0.00044071
606947.8	4201408.22	0.00000000	0	0.000528383	0.00052838	0.00000000	0	0.000046521	0.00004652	0	0	0.000899501	0.000899501	0.00000000	0	0.000297843	0.00029784
607207.8	4201148.22	0.00000000	0	0.000527973	0.00052797	0.00000000	0	0.000053802	0.00005380	0	0	0.001219792	0.001219792	0.00000000	0	0.000627736	0.00062774
607047.8	4201328.22	0.00000000	0	0.000527694	0.00052769	0.00000000	0	0.000047716	0.00004772	0	0	0.000953444	0.000953444	0.00000000	0	0.000354139	0.00035414
607147.8	4201228.22	0.00000000	0	0.000526901	0.00052690	0.00000000	0	0.000050256	0.00005026	0	0	0.001066576	0.001066576	0.00000000	0	0.000471432	0.00047143
607027.8	4201348.22	0.00000000	0	0.000525974	0.00052597	0.00000000	0	0.000047243	0.00004724	0	0	0.000936368	0.000936368	0.00000000	0	0.000338618	0.00033862
607227.8	4201128.22	0.00000000	0	0.0005248	0.00052480	0.00000000	0	0.000055646	0.00005565	0	0	0.001307567	0.001307567	0.00000000	0	0.000721777	0.00072178
607167.8	4201208.22	0.00000000	0	0.000524605	0.00052460	0.00000000	0	0.000050942	0.00005094	0	0	0.001101597	0.001101597	0.00000000	0	0.000510176	0.00051018
607007.8	4201368.22	0.00000000	0	0.000524105	0.00052411	0.00000000	0	0.000046781	0.00004678	0	0	0.000920161	0.000920161	0.00000000	0	0.000324169	0.00032417
607267.8	4201088.22	0.00000000	0	0.000523542	0.00052354	0.00000000	0	0.000064864	0.00006486	0	0	0.001714659	0.001714659	0.00000000	0	0.001141949	0.00114195
606927.8	4201428.22	0.00000000	0	0.000523401	0.00052340	0.00000000	0	0.000045977	0.00004598	0	0	0.000886425	0.000886425	0.00000000	0	0.000290309	0.00029031
607247.8	4201108.22	0.00000000	0	0.000522704	0.00052270	0.00000000	0	0.000058751	0.00005875	0	0	0.001448312	0.001448312	0.00000000	0	0.000869015	0.00086902
607187.8	4201188.22	0.00000000	0	0.000521817	0.00052182	0.00000000	0	0.000051832	0.00005183	0	0	0.001146679	0.001146679	0.00000000	0	0.000559850	0.00055985
606987.8	4201388.22	0.00000000	0	0.000521586	0.00052159	0.00000000	0	0.000046324	0.00004632	0	0	0.00090557	0.00090557	0.00000000	0	0.000312153	0.00031215
607287.8	4201088.22	0.00000000	0	0.000521454	0.00052145	0.00000000	0	0.000075305	0.00007530	0	0	0.002177189	0.002177189	0.00000000	0	0.001620122	0.00162012
607307.8	4201108.22	0.00000000	0	0.000520105	0.00052011	0.00000000	0	0.000092626	0.00009263	0	0	0.002939944	0.002939944	0.00000000	0	0.002406188	0.00240619
607207.8	4201168.22	0.00000000	0	0.000518841	0.00051884	0.00000000	0	0.000053051	0.00005305	0	0	0.001206597	0.001206597	0.00000000	0	0.000625008	0.00062501
606967.8	4201408.22	0.00000000	0	0.000518203	0.00051820	0.00000000	0	0.000045845	0.00004585	0	0	0.000891859	0.000891859	0.00000000	0	0.000302067	0.00030207
607107.8	4201288.22	0.00000000	0	0.000517559	0.00051756	0.00000000	0	0.000048198	0.00004820	0	0	0.000996444	0.000996444	0.00000000	0	0.000410394	0.00041039
607127.8	4201268.22	0.00000000	0	0.000517209	0.00051721	0.00000000	0	0.000048769	0.00004877	0	0	0.001022247	0.001022247	0.00000000	0	0.000437348	0.00043735
607087.8	4201308.22	0.00000000	0	0.000517209	0.00051721	0.00000000	0	0.000047659	0.00004766	0	0	0.000973563	0.000973563	0.00000000	0	0.000387279	0.00038728
607067.8	4201328.22	0.00000000	0	0.000516337	0.00051634	0.00000000	0	0.000047134	0.00004713	0	0	0.000952421	0.000952421	0.00000000	0	0.000366570	0.00036657
607147.8	4201248.22	0.00000000	0	0.000516179	0.00051618	0.00000000	0	0.000049395	0.00004940	0	0	0.001051969	0.001051969	0.00000000	0	0.000469137	0.00046914
607227.8	4201148.22	0.00000000	0	0.000516029	0.00051603	0.00000000	0	0.000054883	0.00005488	0	0	0.001293017	0.001293017	0.00000000	0	0.000717225	0.00071723
607047.8	4201348.22	0.00000000	0	0.000514909	0.00051491	0.00000000	0	0.000046628	0.00004663	0	0	0.000933322	0.000933322	0.00000000	0	0.000348622	0.00034862
607167.8	4201228.22	0.00000000	0	0.000514505	0.00051451	0.00000000	0	0.000050128	0.00005013	0	0	0.001087729	0.001087729	0.00000000	0	0.000507903	0.00050790
607267.8	4201108.22	0.00000000	0	0.000514335	0.00051434	0.00000000	0	0.000063117	0.00006312	0	0	0.001657898	0.001657898	0.00000000	0	0.001094502	0.00109450
607247.8	4201128.22	0.00000000	0	0.000514063	0.00051406	0.00000000	0	0.000057815	0.00005782	0	0	0.001425903	0.001425903	0.00000000	0	0.000856227	0.00085623
606947.8	4201428.22	0.00000000	0	0.000513366	0.00051337	0.00000000	0	0.000045311	0.00004531	0	0	0.00087885	0.00087885	0.00000000	0	0.000294432	0.00029443
607027.8	4201368.22	0.00000000	0	0.000513078	0.00051308	0.00000000	0	0.000046142	0.00004614	0	0	0.000915963	0.000915963	0.00000000	0	0.000332942	0.00033294
607187.8	4201208.22	0.00000000	0	0.0005123	0.00051230	0.00000000	0	0.000051060	0.00005106	0	0	0.00113336	0.00113336	0.00000000	0	0.000557451	0.00055745
607287.8	4201108.22	0.00000000	0	0.000511133	0.00051113	0.00000000	0	0.000072060	0.00007206	0	0	0.002057132	0.002057132	0.00000000	0	0.001508901	0.00150890
607007.8	4201388.22	0.00000000	0	0.000511083	0.00051108	0.00000000	0	0.000045674	0.00004567	0	0	0.000899725	0.000899725	0.00000000	0	0.000318610	0.00031861
607307.8	4201128.22	0.00000000	0	0.000510115	0.00051012	0.00000000	0	0.000089217	0.00008922	0	0	0.002811983	0.002811983	0.00000000	0	0.002286445	0.00228644
607207.8	4201188.22	0.00000000	0	0.000509812	0.00050981	0.00000000	0	0.000052337	0.00005234	0	0	0.001194776	0.001194776	0.00000000	0	0.000623569	0.00062357
606987.8	4201408.22	0.00000000	0	0.000508163	0.00050816	0.00000000	0	0.000045204	0.00004520	0	0	0.000885398	0.000885398	0.00000000	0	0.000307343	0.00030734
607227.8	4201168.22	0.00000000	0	0.000507434	0.00050743	0.00000000	0	0.000054171	0.00005417	0	0	0.001280353	0.001280353	0.00000000	0	0.000714404	0.00071440
607127.8	4201288.22	0.00000000	0	0.000506094	0.00050609	0.00000000	0	0.000047854	0.00004785	0	0	0.001006124	0.001006124	0.00000000	0	0.000433961	0.00043396
607107.8	4201308.22	0.00000000	0	0.000505964	0.00050596	0.00000000	0	0.000047233	0.00004723	0	0	0.000979184	0.000979184	0.00000000	0	0.000406408	0.00040641
607267.8	4201128.22	0.00000000	0	0.000505926	0.00050593	0.00000000	0	0.000062001	0.00006200	0	0	0.001627103	0.001627103	0.00000000	0	0.001072814	0.00107281
607247.8	4201148.22	0.00000000	0	0.000505746	0.00050575	0.00000000	0	0.000057056	0.00005706	0	0	0.001410556	0.001410556	0.00000000	0	0.000850316	0.00085032
607147.8	4201268.22	0.00000000	0	0.000505572	0.00050557	0.00000000	0	0.000048543	0.00004854	0	0	0.001037471	0.001037471	0.00000000	0	0.000466819	0.00046682
607087.8	4201328.22	0.00000000	0	0.000505298	0.00050530	0.00000000	0	0.000046647	0.00004665	0	0	0.000954902	0.000954902	0.00000000	0	0.000382225	0.00038222
607167.8	4201248.22	0.00000000	0	0.000504502	0.00050450	0.00000000	0	0.000049317	0.00004932	0	0	0.001073749	0.001073749	0.00000000	0	0.000505400	0.00050540
607067.8	4201348.22	0.00000000	0	0.00050407	0.00050407	0.00000000	0	0.000046095	0.00004609	0	0	0.000933321	0.000933321	0.00000000	0	0.000361488	0.00036149
606967.8	4201428.22	0.00000000	0	0.00050365	0.00050365	0.00000000	0	0.000044680	0.00004468	0	0	0.000872155	0.000872155	0.00000000	0	0.000299080	0.00029908
607187.8	4201228.22	0.00000000	0	0.00050285	0.00050285	0.00000000	0	0.000050301	0.00005030	0	0	0.001120505	0.001120505	0.00000000	0	0.000555449	0.00055545
607287.8	4201128.22	0.00000000	0	0.000502583	0.00050258	0.00000000	0	0.000070430	0.00007043	0	0	0.002004109	0.002004109	0.00000000	0	0.001464519	0.00146452
607047.8	4201368.22	0.00000000	0	0.00050247	0.00050247	0.00000000	0	0.000045570	0.00004557	0	0	0.000913766	0.000913766	0.00000000	0	0.000343276	0.00034328
607307.8	4201148.22	0.00000000	0	0.000502152	0.00050215	0.00000000	0	0.000087720	0.00008772	0	0	0.00276353	0.00276353	0.00000000	0	0.002246067	0.00224607
607207.8	4201208.22	0.00000000	0	0.000500882	0.00050088	0.00000000	0	0.000051630	0.00005163	0	0	0.001183021	0.001183021	0.00000000	0	0.000622080	0.00062208
607027.8	4201388.22	0.00000000	0	0.000500335	0.00050033	0.00000000	0	0.000045071	0.00004507	0	0	0.000896504	0.000896504	0.00000000	0	0.000328058	0.00032806
607227.8	4201188.22	0.00000000	0	0.000498963	0.00049896	0.00000000	0	0.000053512	0.00005351	0	0	0.001269744	0.001269744	0.00000000	0	0.000713550	0.00071355
607267.8	4201148.22	0.00000000	0	0.000497979	0.00049798	0.00000000	0	0.000061204	0.00006120	0	0	0.001609327	0.001609327	0.00000000	0	0.001063967	0.00106397
607007.8	4201408.22	0.00000000	0	0.000497826	0.00049783	0.00000000	0	0.000044588	0.00004459	0	0	0.000880703	0.000880703	0.00000000	0	0.000314785	0.00031478
607247.8	4201168.22	0.00000000	0	0.000497636	0.00049764	0.00000000	0	0.000056377	0.00005638	0	0	0.001398295	0.001398295	0.00000000	0	0.000847334	0.00084733
607307.8	4201168.22	0.00000000	0	0.000495317	0.00049532	0.00000000	0	0.000087198	0.00008720	0	0	0.002755384	0.002755384	0.00000000	0	0.002245803	0.00224580
607127.8	4201308.22	0.00000000	0	0.000495182	0.00049518	0.00000000	0	0.000046940	0.00004694	0	0	0.000989618	0.000989618	0.00000000	0	0.000429939	0.00042994
607147.8	4201288.22	0.00000000	0	0.000495119	0.00049512	0.00000000	0	0.000047687	0.00004769	0	0	0.001022517	0.001022517	0.00000000	0	0.000463849	0.00046385
607287.8	4201148.22	0.00000000	0	0.00049483	0.00049483	0.00000000	0	0.000069456	0.00006946	0	0	0.001978114	0.001978114	0.00000000	0	0.001446988	0.00144699
607107.8	4201328.22	0.00000000	0	0.000494672	0.00049467	0.00000000	0	0.000046272	0.00004627	0	0	0.000961389	0.000961389	0.00000000	0	0.000401512	0.00040151
607167.8	4201268.22	0.00000000	0	0.000494586	0.00049459	0.00000000	0	0.000048513	0.00004851	0	0	0.001059915	0.001059915	0.00000000	0	0.000502944	0.00050294
606987.8	4201428.22	0.00000000	0	0.000493917	0.00049392	0.00000000	0	0.000044073	0.00004407	0	0	0.000866546	0.000866546	0.00000000	0	0.000304865	0.00030487
607087.8	4201348.22	0.00000000	0	0.000493623	0.00049362	0.00000000	0	0.000045656	0.00004566	0	0	0.000936628	0.000936628	0.00000000	0	0.000377291	0.00037729
607187.8	4201248.22	0.00000000	0	0.000493477	0.00049348	0.00000000	0	0.000049546	0.00004955	0	0	0.001107605	0.001107605	0.00000000	0	0.000553308	0.00055331
607067.8	4201368.22	0.00000000	0	0.000492078	0.00049208	0.00000000	0	0.000045084	0.00004508	0	0	0.000914877	0.000914877	0.00000000	0	0.000356755	0.00035676
607207.8	4201228.22	0.00000000	0	0.000492028	0.00049203	0.00000000	0	0.000050922	0.00005092	0	0	0.001171108	0.001171108	0.00000000	0	0.000620338	0.00062034
607227.8	4201208.22	0.00000000	0	0.000490587	0.00049059	0.00000000	0	0.000052849	0.00005285	0	0	0.001258737	0.001258737	0.00000000	0	0.000712173	0.00071217
607267.8	4201168.22	0.00000000	0	0.000490299	0.00049030	0.00000000	0	0.000060548	0.00006055	0	0	0.001597122	0.001597122	0.00000000	0	0.001060530	0.00106053
607047.8	4201388.22	0.00000000	0	0.000490214	0.00049021	0.00000000	0	0.000044546	0.00004455	0	0	0.000895321	0.000895321	0.00000000	0	0.000338856	0.00033886
607247.8	4201188.22	0.00000000	0	0.00048967	0.00048967	0.00000000	0	0.000055757	0.00005576	0	0	0.001388298	0.001388298	0.00000000	0	0.000846509	0.00084651
607307.8	4201188.22	0.00000000	0	0.000488935	0.00048894	0.00000000	0	0.000086995	0.00008700	0	0	0.002760266	0.002760266	0.00000000	0	0.002258400	0.00225840
607287.8	4201168.22	0.00000000	0	0.000487565	0.00048756	0.00000000	0	0.000068850	0.00006885	0	0	0.001967201	0.001967201	0.00000000	0	0.001444389	0.00144439
607027.8	4201408.22	0.00000000	0	0.000487445	0.00048744	0.00000000	0	0.000044023	0.00004402	0	0	0.000878362	0.000878362	0.00000000	0	0.000324701	0.00032470
607147.8	4201308.22	0.00000000	0	0.000484819	0.00048482	0.00000000	0	0.000046829	0.00004683	0	0	0.001007116	0.001007116	0.00000000	0	0.000460238	0.00046024
607167.8	4201288.22	0.00000000	0	0.000484731	0.00048473	0.00000000	0	0.000047729	0.00004773	0	0	0.001046776	0.001046776	0.00000000	0	0.000501131	0.00050113
607127.8	4201328.22	0.00000000	0	0.000484411	0.00048441	0.00000000	0	0.000046042	0.00004604	0	0	0.000973466	0.000973466	0.00000000	0	0.000426114	0.00042611
607187.8	4201268.22	0.00000000	0	0.000484189	0.00048419	0.00000000	0	0.000048789	0.00004879	0	0	0.001094455	0.001094455	0.00000000	0	0.000550810	0.00055081
607007.8	4201428.22	0.00000000	0	0.000484164	0.00048416	0.00000000	0	0.000043490	0.00004349	0	0	0.000862058	0.000862058	0.00000000	0	0.000311829	0.00031183
607107.8	4201348.22	0.00000000	0	0.000483553	0.00048355	0.00000000	0	0.000045330	0.00004533	0	0	0.000944099	0.000944099	0.00000000	0	0.000396930	0.00039693
607207.8	4201248.22	0.00000000	0	0.000483244	0.00048324	0.00000000	0	0.000050212	0.00005021	0	0	0.001158943	0.001158943	0.00000000	0	0.000618255	0.00061825
607267.8	4201188.22	0.00000000	0	0.00048278	0.00048278	0.00000000	0	0.000059945	0.00005994	0	0	0.001586904	0.001586904	0.00000000	0	0.001058948	0.00105895
607307.8	4201208.22	0.00000000	0	0.000482622	0.00048262	0.00000000	0	0.000086783	0.00008678	0	0	0.002764598	0.002764598	0.00000000	0	0.002270349	0.00227035
607227.8	4201228.22	0.00000000	0	0.00048228	0.00048228	0.00000000	0	0.000052189	0.00005219	0	0	0.001247731	0.001247731	0.00000000	0	0.000710715	0.00071072
607087.8	4201368.22	0.00000000	0	0.000482119	0.00048212	0.00000000	0	0.000044691	0.00004469	0	0	0.000919164	0.000919164	0.00000000	0	0.000372986	0.00037299
607247.8	4201208.22	0.00000000	0	0.000481807	0.00048181	0.00000000	0	0.000055159	0.00005516	0	0	0.001379049	0.001379049	0.00000000	0	0.000846332	0.00084633
607287.8	4201188.22	0.00000000	0	0.000480486	0.00048049	0.00000000	0	0.000068307	0.00006831	0	0	0.001958672	0.001958672	0.00000000	0	0.001444020	0.00144402
607067.8	4201388.22	0.00000000	0	0.000480354	0.00048035	0.00000000	0	0.000044095	0.00004409	0	0	0.000896806	0.000896806	0.00000000	0	0.000352087	0.00035209
607047.8	4201408.22	0.00000000	0	0.000477966	0.00047797	0.00000000	0	0.000043529	0.00004353	0	0	0.000877165	0.000877165	0.00000000	0	0.000334723	0.00033472
607307.8	4201228.22	0.00000000	0	0.000476375	0.00047637	0.00000000	0	0.000086572	0.00008657	0	0	0.00276881	0.00276881	0.00000000	0	0.002282098	0.00228210
607267.8	4201208.22	0.00000000	0	0.000475367	0.00047537	0.00000000	0	0.000059357	0.00005936	0	0	0.001577143	0.001577143	0.00000000	0	0.001057710	0.00105771
607167.8	4201308.22	0.00000000	0	0.000474971	0.00047497	0.00000000	0	0.000046947	0.00004695	0	0	0.001033548	0.001033548	0.00000000	0	0.000499112	0.00049911
607187.8	4201288.22	0.00000000	0	0.000474954	0.00047495	0.00000000	0	0.000048051	0.00004805	0	0	0.001082047	0.001082047	0.00000000	0	0.000549012	0.00054901
607027.8	4201428.22	0.00000000	0	0.000474776	0.00047478	0.00000000	0	0.000042959	0.00004296	0	0	0.000859038	0.000859038	0.00000000	0	0.000319868	0.00031987
607147.8	4201328.22	0.00000000	0	0.000474579	0.00047458	0.00000000	0	0.000045975	0.00004598	0	0	0.000991788	0.000991788	0.00000000	0	0.000456629	0.00045663
607207.8	4201268.22	0.00000000	0	0.000474524	0.00047452	0.00000000	0	0.000049516	0.00004952	0	0	0.001147241	0.001147241	0.00000000	0	0.000616571	0.00061657
607227.8	4201248.22	0.00000000	0	0.000474034	0.00047403	0.00000000	0	0.000051527	0.00005153	0	0	0.001236528	0.001236528	0.00000000	0	0.000708982	0.00070898
607247.8	4201228.22	0.00000000	0	0.000474015	0.00047402	0.00000000	0	0.000054568	0.00005457	0	0	0.001369952	0.001369952	0.00000000	0	0.000846225	0.00084623
607127.8	4201348.22	0.00000000	0	0.000473787	0.00047379	0.00000000	0	0.000045131	0.00004513	0	0	0.000956464	0.000956464	0.00000000	0	0.000421240	0.00042124
607287.8	4201208.22	0.00000000	0	0.000473574	0.00047357	0.00000000	0	0.000067847	0.00006785	0	0	0.001953424	0.001953424	0.00000000	0	0.001446829	0.00144683
607107.8	4201368.22	0.00000000	0	0.000472634	0.00047263	0.00000000	0	0.000044387	0.00004439	0	0	0.00092632	0.00092632	0.00000000	0	0.000391606	0.00039161
607087.8	4201388.22	0.00000000	0	0.000470957	0.00047096	0.00000000	0	0.000043718	0.00004372	0	0	0.000900583	0.000900583	0.00000000	0	0.000367128	0.00036713
607307.8	4201248.22	0.00000000	0	0.000470039	0.00047004	0.00000000	0	0.000086220	0.00008622	0	0	0.002767063	0.002767063	0.00000000	0	0.002287822	0.00228782
607067.8	4201408.22	0.00000000	0	0.000468828	0.00046883	0.00000000	0	0.000043104	0.00004310	0	0	0.000878243	0.000878243	0.00000000	0	0.000346679	0.00034668
607267.8	4201228.22	0.00000000	0	0.000468112	0.00046811	0.00000000	0	0.000058901	0.00005890	0	0	0.001572807	0.001572807	0.00000000	0	0.001061862	0.00106186
607287.8	4201228.22	0.00000000	0	0.000466759	0.00046676	0.00000000	0	0.000067420	0.00006742	0	0	0.00194942	0.00194942	0.00000000	0	0.001450801	0.00145080
607247.8	4201248.22	0.00000000	0	0.000466258	0.00046626	0.00000000	0	0.000053924	0.00005392	0	0	0.00135848	0.00135848	0.00000000	0	0.000843635	0.00084364
607047.8	4201428.22	0.00000000	0	0.000466006	0.00046601	0.00000000	0	0.000042508	0.00004251	0	0	0.000858211	0.000858211	0.00000000	0	0.000329428	0.00032943
607207.8	4201288.22	0.00000000	0	0.000465865	0.00046587	0.00000000	0	0.000048823	0.00004882	0	0	0.001135538	0.001135538	0.00000000	0	0.000614815	0.00061481
607227.8	4201268.22	0.00000000	0	0.000465853	0.00046585	0.00000000	0	0.000050907	0.00005091	0	0	0.001226978	0.001226978	0.00000000	0	0.000708872	0.00070887
607187.8	4201308.22	0.00000000	0	0.000465774	0.00046577	0.00000000	0	0.000047329	0.00004733	0	0	0.001070187	0.001070187	0.00000000	0	0.000547713	0.00054771
607167.8	4201328.22	0.00000000	0	0.000465227	0.00046523	0.00000000	0	0.000046104	0.00004610	0	0	0.001017619	0.001017619	0.00000000	0	0.000494297	0.00049430
607147.8	4201348.22	0.00000000	0	0.000464492	0.00046449	0.00000000	0	0.000045077	0.00004508	0	0	0.000974158	0.000974158	0.00000000	0	0.000450472	0.00045047
607127.8	4201368.22	0.00000000	0	0.000463474	0.00046347	0.00000000	0	0.000044204	0.00004420	0	0	0.00093809	0.00093809	0.00000000	0	0.000414585	0.00041458
607307.8	4201268.22	0.00000000	0	0.00046344	0.00046344	0.00000000	0	0.000085543	0.00008554	0	0	0.002751635	0.002751635	0.00000000	0	0.002279788	0.00227979
607107.8	4201388.22	0.00000000	0	0.000461992	0.00046199	0.00000000	0	0.000043441	0.00004344	0	0	0.000907817	0.000907817	0.00000000	0	0.000385211	0.00038521
607267.8	4201248.22	0.00000000	0	0.000460862	0.00046086	0.00000000	0	0.000058381	0.00005838	0	0	0.001565627	0.001565627	0.00000000	0	0.001063084	0.00106308
607087.8	4201408.22	0.00000000	0	0.000460004	0.00046000	0.00000000	0	0.000042756	0.00004276	0	0	0.00088206	0.00088206	0.00000000	0	0.000361080	0.00036108
607287.8	4201248.22	0.00000000	0	0.000459946	0.00045995	0.00000000	0	0.000066949	0.00006695	0	0	0.001943478	0.001943478	0.00000000	0	0.001452777	0.00145278
607247.8	4201268.22	0.00000000	0	0.000458585	0.00045858	0.00000000	0	0.000053349	0.00005335	0	0	0.001349824	0.001349824	0.00000000	0	0.000843843	0.00084384
607227.8	4201288.22	0.00000000	0	0.000457716	0.00045772	0.00000000	0	0.000050293	0.00005029	0	0	0.001217621	0.001217621	0.00000000	0	0.000708908	0.00070891
607067.8	4201428.22	0.00000000	0	0.000457631	0.00045763	0.00000000	0	0.000042131	0.00004213	0	0	0.000859731	0.000859731	0.00000000	0	0.000340933	0.00034093
607207.8	4201308.22	0.00000000	0	0.000457237	0.00045724	0.00000000	0	0.000048143	0.00004814	0	0	0.001124334	0.001124334	0.00000000	0	0.000613535	0.00061353
607307.8	4201288.22	0.00000000	0	0.000456854	0.00045685	0.00000000	0	0.000084874	0.00008487	0	0	0.002736493	0.002736493	0.00000000	0	0.002272034	0.00227203
607187.8	4201328.22	0.00000000	0	0.000456572	0.00045657	0.00000000	0	0.000046527	0.00004653	0	0	0.001054898	0.001054898	0.00000000	0	0.000542912	0.00054291
607167.8	4201348.22	0.00000000	0	0.000455677	0.00045568	0.00000000	0	0.000045231	0.00004523	0	0	0.000999965	0.000999965	0.00000000	0	0.000487478	0.00048748
607147.8	4201368.22	0.00000000	0	0.000454647	0.00045465	0.00000000	0	0.000044173	0.00004417	0	0	0.000955759	0.000955759	0.00000000	0	0.000443236	0.00044324
607267.8	4201268.22	0.00000000	0	0.000453605	0.00045360	0.00000000	0	0.000057814	0.00005781	0	0	0.001556434	0.001556434	0.00000000	0	0.001062246	0.00106225
607127.8	4201388.22	0.00000000	0	0.000453348	0.00045335	0.00000000	0	0.000043282	0.00004328	0	0	0.000919496	0.000919496	0.00000000	0	0.000407484	0.00040748
607287.8	4201268.22	0.00000000	0	0.000453053	0.00045305	0.00000000	0	0.000066363	0.00006636	0	0	0.001932658	0.001932658	0.00000000	0	0.001449832	0.00144983
607107.8	4201408.22	0.00000000	0	0.000451554	0.00045155	0.00000000	0	0.000042505	0.00004251	0	0	0.000889305	0.000889305	0.00000000	0	0.000378563	0.00037856
607247.8	4201288.22	0.00000000	0	0.000450924	0.00045092	0.00000000	0	0.000052787	0.00005279	0	0	0.001341691	0.001341691	0.00000000	0	0.000844572	0.00084457
607307.8	4201308.22	0.00000000	0	0.000450526	0.00045053	0.00000000	0	0.000084433	0.00008443	0	0	0.002730845	0.002730845	0.00000000	0	0.002273737	0.00227374

607227.8	4201308.22	0.00000000	0	0.000449557	0.00044956	0.00000000	0	0.000049610	0.00004961	0	0	0.001205292	0.001205292	0.00000000	0	0.000705914	0.00070591
607087.8	4201428.22	0.00000000	0	0.000449416	0.00044942	0.00000000	0	0.000041818	0.00004182	0	0	0.00086375	0.00086375	0.00000000	0	0.000354819	0.00035482
607207.8	4201328.22	0.00000000	0	0.000448581	0.00044858	0.00000000	0	0.000047372	0.00004737	0	0	0.001109226	0.001109226	0.00000000	0	0.000608273	0.00060827
607187.8	4201348.22	0.00000000	0	0.000447464	0.00044746	0.00000000	0	0.000045677	0.00004568	0	0	0.001037288	0.001037288	0.00000000	0	0.000535613	0.00053561
607267.8	4201288.22	0.00000000	0	0.000446373	0.00044637	0.00000000	0	0.000057219	0.00005722	0	0	0.001545981	0.001545981	0.00000000	0	0.001060080	0.00106008
607167.8	4201368.22	0.00000000	0	0.000446269	0.00044627	0.00000000	0	0.000044343	0.00004434	0	0	0.000981325	0.000981325	0.00000000	0	0.000479476	0.00047948
607287.8	4201288.22	0.00000000	0	0.000446201	0.00044620	0.00000000	0	0.000065777	0.00006578	0	0	0.001921748	0.001921748	0.00000000	0	0.001446746	0.00144675
607147.8	4201388.22	0.00000000	0	0.000445005	0.00044501	0.00000000	0	0.000043268	0.00004327	0	0	0.000936922	0.000936922	0.00000000	0	0.000435310	0.00043531
607307.8	4201328.22	0.00000000	0	0.000444217	0.00044422	0.00000000	0	0.000083980	0.00008398	0	0	0.002724597	0.002724597	0.00000000	0	0.002274802	0.00227480
607127.8	4201408.22	0.00000000	0	0.000443432	0.00044343	0.00000000	0	0.000042369	0.00004237	0	0	0.000900845	0.000900845	0.00000000	0	0.000400074	0.00040007
607247.8	4201308.22	0.00000000	0	0.000443235	0.00044324	0.00000000	0	0.000052146	0.00005215	0	0	0.001330212	0.001330212	0.00000000	0	0.000841895	0.00084189
607107.8	4201428.22	0.00000000	0	0.000441435	0.00044143	0.00000000	0	0.000041589	0.00004159	0	0	0.000870972	0.000870972	0.00000000	0	0.000371721	0.00037172
607227.8	4201328.22	0.00000000	0	0.000441398	0.00044140	0.00000000	0	0.000048864	0.00004886	0	0	0.001190197	0.001190197	0.00000000	0	0.000700076	0.00070008
607207.8	4201348.22	0.00000000	0	0.000439956	0.00043996	0.00000000	0	0.000046543	0.00004654	0	0	0.001091475	0.001091475	0.00000000	0	0.000600255	0.00060026
607287.8	4201308.22	0.00000000	0	0.000439429	0.00043943	0.00000000	0	0.000065252	0.00006525	0	0	0.001913344	0.001913344	0.00000000	0	0.001446142	0.00144614
607267.8	4201308.22	0.00000000	0	0.000439146	0.00043915	0.00000000	0	0.000056636	0.00005664	0	0	0.001535995	0.001535995	0.00000000	0	0.001058390	0.00105839
607187.8	4201368.22	0.00000000	0	0.000438429	0.00043843	0.00000000	0	0.000044793	0.00004479	0	0	0.001018024	0.001018024	0.00000000	0	0.000526527	0.00052653
607307.8	4201348.22	0.00000000	0	0.000437192	0.00043719	0.00000000	0	0.000082770	0.00008277	0	0	0.00268669	0.00268669	0.00000000	0	0.002244155	0.00224415
607167.8	4201388.22	0.00000000	0	0.000437056	0.00043706	0.00000000	0	0.000043449	0.00004345	0	0	0.000961992	0.000961992	0.00000000	0	0.000470530	0.00047053
607147.8	4201408.22	0.00000000	0	0.00043557	0.00043557	0.00000000	0	0.000042370	0.00004237	0	0	0.000917891	0.000917891	0.00000000	0	0.000426938	0.00042694
607247.8	4201328.22	0.00000000	0	0.000435527	0.00043553	0.00000000	0	0.000051425	0.00005142	0	0	0.001315194	0.001315194	0.00000000	0	0.000835599	0.00083560
607127.8	4201428.22	0.00000000	0	0.000433776	0.00043378	0.00000000	0	0.000041471	0.00004147	0	0	0.000882326	0.000882326	0.00000000	0	0.000392490	0.00039249
607227.8	4201348.22	0.00000000	0	0.000433242	0.00043324	0.00000000	0	0.000048040	0.00004804	0	0	0.001171665	0.001171665	0.00000000	0	0.000690699	0.00069070
607287.8	4201328.22	0.00000000	0	0.000432598	0.00043260	0.00000000	0	0.000064615	0.00006462	0	0	0.001900184	0.001900184	0.00000000	0	0.001440717	0.00144072
607267.8	4201328.22	0.00000000	0	0.000431843	0.00043184	0.00000000	0	0.000055940	0.00005594	0	0	0.001521223	0.001521223	0.00000000	0	0.001051866	0.00105187
607207.8	4201368.22	0.00000000	0	0.000431321	0.00043132	0.00000000	0	0.000045656	0.00004566	0	0	0.001071238	0.001071238	0.00000000	0	0.000589693	0.00058969
607187.8	4201388.22	0.00000000	0	0.000429599	0.00042960	0.00000000	0	0.000043896	0.00004390	0	0	0.000997725	0.000997725	0.00000000	0	0.000516132	0.00051613
607307.8	4201368.22	0.00000000	0	0.000428973	0.00042897	0.00000000	0	0.000080331	0.00008033	0	0	0.002597424	0.002597424	0.00000000	0	0.002162105	0.00216211
607167.8	4201408.22	0.00000000	0	0.000428058	0.00042806	0.00000000	0	0.000042556	0.00004256	0	0	0.000942278	0.000942278	0.00000000	0	0.000460936	0.00046094
607247.8	4201348.22	0.00000000	0	0.000427749	0.00042775	0.00000000	0	0.000050582	0.00005058	0	0	0.001295035	0.001295035	0.00000000	0	0.000824100	0.00082410
607147.8	4201428.22	0.00000000	0	0.000426394	0.00042639	0.00000000	0	0.000041487	0.00004149	0	0	0.000898954	0.000898954	0.00000000	0	0.000418355	0.00041835
607287.8	4201348.22	0.00000000	0	0.000425432	0.00042543	0.00000000	0	0.000063609	0.00006361	0	0	0.001871505	0.001871505	0.00000000	0	0.001419729	0.00141973
607227.8	4201368.22	0.00000000	0	0.000425044	0.00042504	0.00000000	0	0.000047135	0.00004714	0	0	0.001149668	0.001149668	0.00000000	0	0.000677807	0.00067781
607267.8	4201348.22	0.00000000	0	0.000424412	0.00042441	0.00000000	0	0.000055044	0.00005504	0	0	0.001498002	0.001498002	0.00000000	0	0.001036807	0.00103681
607207.8	4201388.22	0.00000000	0	0.000422737	0.00042274	0.00000000	0	0.000044725	0.00004472	0	0	0.001048915	0.001048915	0.00000000	0	0.000576925	0.00057693
607187.8	4201408.22	0.00000000	0	0.000420965	0.00042096	0.00000000	0	0.000042994	0.00004299	0	0	0.00097681	0.00097681	0.00000000	0	0.000504872	0.00050487
607247.8	4201368.22	0.00000000	0	0.000419909	0.00041991	0.00000000	0	0.000049614	0.00004961	0	0	0.001269521	0.001269521	0.00000000	0	0.000807166	0.00080717
607307.8	4201388.22	0.00000000	0	0.000419758	0.00041976	0.00000000	0	0.000076867	0.00007687	0	0	0.002465388	0.002465388	0.00000000	0	0.002037251	0.00203725
607167.8	4201428.22	0.00000000	0	0.000419278	0.00041928	0.00000000	0	0.000041673	0.00004167	0	0	0.000922516	0.000922516	0.00000000	0	0.000451035	0.00045103
607287.8	4201368.22	0.00000000	0	0.000417807	0.00041781	0.00000000	0	0.000062132	0.00006213	0	0	0.001823178	0.001823178	0.00000000	0	0.001379078	0.00137908
607227.8	4201388.22	0.00000000	0	0.000416827	0.00041683	0.00000000	0	0.000046157	0.00004616	0	0	0.001124493	0.001124493	0.00000000	0	0.000661670	0.00066167
607267.8	4201368.22	0.00000000	0	0.000416773	0.00041677	0.00000000	0	0.000053920	0.00005392	0	0	0.001465188	0.001465188	0.00000000	0	0.001012126	0.00101213
607207.8	4201408.22	0.00000000	0	0.000414421	0.00041442	0.00000000	0	0.000043790	0.00004379	0	0	0.001025849	0.001025849	0.00000000	0	0.000563075	0.00056307
607187.8	4201428.22	0.00000000	0	0.000412499	0.00041250	0.00000000	0	0.000042092	0.00004209	0	0	0.000955534	0.000955534	0.00000000	0	0.000493041	0.00049304
607247.8	4201388.22	0.00000000	0	0.000411956	0.00041196	0.00000000	0	0.000048521	0.00004852	0	0	0.001238736	0.001238736	0.00000000	0	0.000784947	0.00078495
607287.8	4201388.22	0.00000000	0	0.000409885	0.00040988	0.00000000	0	0.000060268	0.00006027	0	0	0.001758514	0.001758514	0.00000000	0	0.001321978	0.00132198
607307.8	4201408.22	0.00000000	0	0.000409842	0.00040984	0.00000000	0	0.000072623	0.00007262	0	0	0.002300629	0.002300629	0.00000000	0	0.001879575	0.00187957
607267.8	4201388.22	0.00000000	0	0.000409014	0.00040901	0.00000000	0	0.000052600	0.00005260	0	0	0.00142404	0.00142404	0.00000000	0	0.000979019	0.00097902
607227.8	4201408.22	0.00000000	0	0.000408659	0.00040866	0.00000000	0	0.000045130	0.00004513	0	0	0.00109711	0.00109711	0.00000000	0	0.000643204	0.00064320
607207.8	4201428.22	0.00000000	0	0.000406255	0.00040625	0.00000000	0	0.000042848	0.00004285	0	0	0.001002162	0.001002162	0.00000000	0	0.000548408	0.00054841
607247.8	4201408.22	0.00000000	0	0.00040403	0.00040403	0.00000000	0	0.000047357	0.00004736	0	0	0.001204806	0.001204806	0.00000000	0	0.000759461	0.00075946
607187.8	4201408.22	0.00000000	0	0.000401775	0.00040178	0.00000000	0	0.000058134	0.00005813	0	0	0.001682438	0.001682438	0.00000000	0	0.001253364	0.00125336
607267.8	4201408.22	0.00000000	0	0.000401297	0.00040130	0.00000000	0	0.000051183	0.00005118	0	0	0.001378525	0.001378525	0.00000000	0	0.000941368	0.00094137
607227.8	4201428.22	0.00000000	0	0.000400714	0.00040071	0.00000000	0	0.000044104	0.00004410	0	0	0.001069232	0.001069232	0.00000000	0	0.000623965	0.00062396
607307.8	4201428.22	0.00000000	0	0.000399998	0.00040000	0.00000000	0	0.000068377	0.00006838	0	0	0.00213561	0.00213561	0.00000000	0	0.001721545	0.00172154
607247.8	4201428.22	0.00000000	0	0.000396338	0.00039634	0.00000000	0	0.000046196	0.00004620	0	0	0.00117045	0.00117045	0.00000000	0	0.000733259	0.00073326
607267.8	4201428.22	0.00000000	0	0.000393735	0.00039373	0.00000000	0	0.000049734	0.00004973	0	0	0.001331307	0.001331307	0.00000000	0	0.000901784	0.00090178
607287.8	4201428.22	0.00000000	0	0.000393668	0.00039367	0.00000000	0	0.000055928	0.00005593	0	0	0.001603148	0.001603148	0.00000000	0	0.001181441	0.00118144

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605852.79	4201178.5
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605852.79	4201218.5
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605852.79	4201298.5
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605832.12	4201225.71
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605779.79	4201321.31
605786.18	4201298.71

Cancer Risk Calculations Using OEHHA/BAAQMD Cancer Risk Assumptions
Ranch EIR Residential Project Construction Parameters
Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Infant
UTM: 606047.14 4201061.24

Cancer Potency Factor: 1.1 $(mg/kg\text{-}day)^{-1}$
Exposure Frequency 350 days/year
Averaging Period 25550 days

Construction Annual DPM Emissions (as PM2.5 Exhaust) Unmitigated

Age	Maximum DPM Concentration (ug/m3)	Age Sensitivity Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Cancer Risk (/million)
3rd Trimester	0.003168556	10	361	0.85	0.25	0.037
0-1	0.003168556	10	1090	0.85	1.00	0.444
1<2	0.003168556	10	1090	0.85	1.00	0.442
2 to 3	0.003168556	3	631	1	0.47	0.042
					2.72	
					Total	0.97

Construction Annual DPM Emissions (as PM2.5 Exhaust) Mitigated

Year	Maximum DPM Concentration (ug/m3)	Age Sensitivity Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Cancer Risk (/million)
3rd Trimester	0.000263243	10	361	0.85	0.25	0.003
0-1	0.000263243	10	1090	0.85	1.00	0.037
1<2	0.000263243	10	1090	0.85	1.00	0.037
2 to 3	0.000263243	3	631	1	0.47	0.004
					Total	0.08

Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Child
UTM: 606047.14 4201061.24

Cancer Potency Factor: 1.1 $(mg/kg\text{-}day)^{-1}$
Exposure Frequency 350 days/year
Averaging Period 25550 days

Construction Annual DPM Emissions (as PM2.5 Exhaust) Unmitigated

Construction Year	Maximum DPM Concentration (ug/m3)	Age Sensitivity Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
1	0.003168556	3	572	1	0.78	0.1
2	0.003168556	3	572	1	1.00	0.1
3	0.003168556	3	572	1	0.95	0.1
				Total	2.72	0.22

Construction Annual DPM Emissions (as PM2.5 Exhaust) Mitigated

Construction Year	Maximum DPM Concentration (ug/m3)	Age Sensitivity Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
1	0.000263243	3	572	1	0.78	0.01
2	0.000263243	3	572	1	1.00	0.01
3	0.000263243	3	572	1	0.95	0.01
					Total	0.02

Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Adult
UTM: 606047.14 4201061.24

Cancer Potency Factor: 1.1 $(mg/kg\text{-}day)^{-1}$
Exposure Frequency 350 days/year
Averaging Period 25550 days

Construction Annual DPM Emissions (as PM2.5 Exhaust) Unmitigated

Construction Year	Maximum DPM Concentration (ug/m3)	Age Sensitivity Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
1	0.003168556	1	261	0.73	0.78	0.01
2	0.003168556	1	261	0.73	1.00	0.01
3	0.003168556	1	261	0.73	0.95	0.01
				Total	2.72	0.02

Construction Annual DPM Emissions (as PM2.5 Exhaust) Mitigated

Construction Year	Maximum DPM Concentration (ug/m3)	Age Sensitivity Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
1	0.000263243	1	261	0.73	0.78	0.00
2	0.000263243	1	261	0.73	1.00	0.00
3	0.000263243	1	261	0.73	0.95	0.00
					Total	0.002

Ranch EIR Residential Project Construction Parameters

Phase 3

Construction Annual DPM Emissions (PM2.5 Exhaust) **Unmitigated Concentrations**

Annual Average Onsite DPM Rate (grams/m2/sec):	1.70E-08
Annual Average Offsite DPM Emission Rate - Road 1 (grams/sec):	6.02E-06
Annual Average Offsite DPM Emission Rate - Road 2 (grams/sec):	6.10E-06
Annual Average Offsite DPM Emission Rate - Road 3 (grams/sec):	9.77E-06
Annual Average Offsite DPM Emission Rate - Road 4 (grams/sec):	9.73E-06
Annual Average Offsite DPM Emission Rate - Road 5 (grams/sec):	3.50E-06
Annual Average Offsite DPM Emission Rate - Road 6 (grams/sec):	3.49E-06

X	Y	Onsite Phase 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 1 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 4 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 5 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 6 Unit Emissions VALUES AVERAGED AVERAGE CONC	Onsite Phase 3 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 1 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 2 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 3 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 4 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 5 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 6 Annual DPM Exhaust w/Actual Emissions (ug/m3)	**Total DPM (ug/m3)**
606771.32	4200808.57	155511.5541	0.08488	0.08498	0.04666	0.04498	0.03495	0.03568	2.65E-03	5.11E-07	5.18E-07	4.56E-07	4.37E-07	1.22E-07	1.25E-07	2.6529E-03
606787.8	4200808.22	144532.8459	0.08645	0.08689	0.04598	0.04418	0.03523	0.03594	2.46E-03	5.21E-07	5.30E-07	4.49E-07	4.30E-07	1.23E-07	1.26E-07	2.4658E-03
606807.8	4200808.22	129919.5236	0.09263	0.09273	0.04694	0.04487	0.0354	0.03608	2.21E-03	5.58E-07	5.66E-07	4.58E-07	4.36E-07	1.24E-07	1.26E-07	2.2167E-03
606827.8	4200808.22	117918.5764	0.09855	0.09846	0.04723	0.04515	0.03554	0.0362	2.01E-03	5.93E-07	6.01E-07	4.61E-07	4.39E-07	1.24E-07	1.27E-07	2.0122E-03
606847.8	4200808.22	107817.4147	0.10527	0.10493	0.04756	0.04536	0.03565	0.03629	1.84E-03	6.34E-07	6.40E-07	4.64E-07	4.41E-07	1.25E-07	1.27E-07	1.8401E-03
606867.8	4200808.22	99211.71167	0.11284	0.11219	0.04773	0.04526	0.03573	0.03634	1.69E-03	6.79E-07	6.84E-07	4.66E-07	4.40E-07	1.25E-07	1.27E-07	1.6935E-03
606887.8	4200808.22	91866.24705	0.12011	0.1193	0.04774	0.04539	0.0358	0.03637	1.57E-03	7.23E-07	7.28E-07	4.66E-07	4.41E-07	1.25E-07	1.27E-07	1.5684E-03
606907.8	4200808.22	85466.45737	0.12864	0.12706	0.04822	0.04576	0.03583	0.03638	1.46E-03	7.75E-07	7.75E-07	4.71E-07	4.45E-07	1.25E-07	1.27E-07	1.4594E-03
606927.8	4200808.22	79890.25681	0.13855	0.13642	0.04848	0.04592	0.03585	0.03638	1.36E-03	8.34E-07	8.32E-07	4.73E-07	4.47E-07	1.26E-07	1.27E-07	1.3645E-03
606947.8	4200808.22	74967.92316	0.14935	0.14655	0.04867	0.04599	0.03586	0.03636	1.28E-03	8.99E-07	8.94E-07	4.75E-07	4.47E-07	1.26E-07	1.27E-07	1.2807E-03
606767.8	4200828.22	155309.5667	0.07943	0.08004	0.04887	0.04722	0.03696	0.0377	2.65E-03	4.78E-07	4.88E-07	4.77E-07	4.59E-07	1.29E-07	1.32E-07	2.6494E-03
606787.8	4200828.22	140336.6	0.08291	0.08356	0.04949	0.04763	0.03723	0.03795	2.39E-03	4.99E-07	5.10E-07	4.83E-07	4.63E-07	1.30E-07	1.33E-07	2.3942E-03
606807.8	4200828.22	126036.0946	0.08872	0.08925	0.05015	0.04814	0.03734	0.03803	2.15E-03	5.34E-07	5.44E-07	4.90E-07	4.68E-07	1.31E-07	1.33E-07	2.1505E-03
606827.8	4200828.22	114396.0238	0.09503	0.0954	0.05072	0.0484	0.03742	0.03808	1.95E-03	5.72E-07	5.82E-07	4.95E-07	4.71E-07	1.31E-07	1.33E-07	1.9522E-03
606847.8	4200828.22	104780.2993	0.10165	0.10182	0.05108	0.04874	0.0375	0.03812	1.79E-03	6.12E-07	6.21E-07	4.99E-07	4.74E-07	1.31E-07	1.33E-07	1.7884E-03
606867.8	4200828.22	96634.10726	0.10898	0.10885	0.05159	0.04908	0.03755	0.03815	1.65E-03	6.56E-07	6.64E-07	5.04E-07	4.77E-07	1.31E-07	1.33E-07	1.6496E-03
606887.8	4200828.22	89601.82619	0.11633	0.11618	0.05164	0.04914	0.03757	0.03814	1.53E-03	7.00E-07	7.09E-07	5.04E-07	4.78E-07	1.32E-07	1.33E-07	1.5298E-03
606907.8	4200828.22	83469.99993	0.12471	0.12391	0.05224	0.0496	0.03757	0.03811	1.42E-03	7.51E-07	7.56E-07	5.10E-07	4.82E-07	1.32E-07	1.33E-07	1.4254E-03
606927.8	4200828.22	78101.12581	0.13491	0.13348	0.05275	0.04996	0.03755	0.03806	1.33E-03	8.12E-07	8.14E-07	5.15E-07	4.86E-07	1.31E-07	1.33E-07	1.3340E-03
606947.8	4200828.22	73360.72938	0.14597	0.14392	0.05313	0.05019	0.03751	0.038	1.25E-03	8.79E-07	8.78E-07	5.19E-07	4.88E-07	1.31E-07	1.33E-07	1.2533E-03
606967.8	4200828.22	69128.02533	0.15835	0.1555	0.05344	0.05035	0.03745	0.03792	1.18E-03	9.53E-07	9.49E-07	5.22E-07	4.90E-07	1.31E-07	1.33E-07	1.1813E-03
606987.8	4200828.22	65328.63306	0.1721	0.16843	0.05365	0.05042	0.03738	0.03781	1.11E-03	1.04E-06	1.03E-06	5.24E-07	4.90E-07	1.31E-07	1.32E-07	1.1167E-03
606747.8	4200848.22	161980.7128	0.07322	0.07409	0.05153	0.05004	0.03871	0.03948	2.76E-03	4.41E-07	4.52E-07	5.03E-07	4.87E-07	1.36E-07	1.38E-07	2.7631E-03
606767.8	4200848.22	147197.3767	0.07637	0.0772	0.05195	0.05034	0.03902	0.03976	2.51E-03	4.60E-07	4.71E-07	5.07E-07	4.90E-07	1.37E-07	1.39E-07	2.5112E-03
606787.8	4200848.22	133908.0436	0.07951	0.08048	0.05277	0.05093	0.03926	0.03998	2.28E-03	4.79E-07	4.91E-07	5.15E-07	4.95E-07	1.37E-07	1.40E-07	2.2847E-03
606807.8	4200848.22	120945.0068	0.08497	0.08588	0.05356	0.05147	0.03933	0.04002	2.06E-03	5.12E-07	5.24E-07	5.23E-07	5.01E-07	1.38E-07	1.40E-07	2.0638E-03
606827.8	4200848.22	110265.7756	0.09086	0.09168	0.05414	0.05168	0.03939	0.04004	1.88E-03	5.47E-07	5.59E-07	5.29E-07	5.03E-07	1.38E-07	1.40E-07	1.8818E-03
606847.8	4200848.22	101293.5131	0.09686	0.09802	0.05473	0.05214	0.03942	0.04004	1.73E-03	5.83E-07	5.98E-07	5.34E-07	5.07E-07	1.38E-07	1.40E-07	1.7290E-03
606867.8	4200848.22	93645.49235	0.10405	0.105	0.05544	0.05268	0.03942	0.04001	1.60E-03	6.27E-07	6.41E-07	5.41E-07	5.12E-07	1.38E-07	1.40E-07	1.5987E-03
606887.8	4200848.22	87017.45345	0.11154	0.11218	0.05584	0.05323	0.0394	0.03996	1.48E-03	6.72E-07	6.84E-07	5.45E-07	5.18E-07	1.38E-07	1.40E-07	1.4858E-03
606907.8	4200848.22	81223.29463	0.12016	0.12015	0.05661	0.05383	0.03936	0.03989	1.38E-03	7.24E-07	7.33E-07	5.53E-07	5.24E-07	1.38E-07	1.39E-07	1.3871E-03
606927.8	4200848.22	76116.92934	0.13044	0.12983	0.05739	0.05442	0.03929	0.03979	1.30E-03	7.85E-07	7.92E-07	5.60E-07	5.29E-07	1.38E-07	1.39E-07	1.3002E-03
606947.8	4200848.22	71589.55421	0.1417	0.14051	0.05805	0.05487	0.03921	0.03968	1.22E-03	8.53E-07	8.57E-07	5.67E-07	5.34E-07	1.37E-07	1.39E-07	1.2232E-03
606967.8	4200848.22	67542.69697	0.15423	0.1523	0.05861	0.05523	0.03911	0.03955	1.15E-03	9.29E-07	9.29E-07	5.72E-07	5.37E-07	1.37E-07	1.38E-07	1.1544E-03
606987.8	4200848.22	63902.86705	0.16822	0.16553	0.05905	0.05548	0.03899	0.0394	1.09E-03	1.01E-06	1.01E-06	5.77E-07	5.40E-07	1.37E-07	1.38E-07	1.0925E-03
607107.8	4200848.22	47948.54902	0.30118	0.28705	0.05941	0.0552	0.03792	0.03819	8.17E-04	1.81E-06	1.75E-06	5.80E-07	5.37E-07	1.33E-07	1.33E-07	8.2205E-04
607127.8	4200848.22	45981.50889	0.33611	0.31796	0.05919	0.05502	0.03769	0.03795	7.84E-04	2.02E-06	1.94E-06	5.78E-07	5.35E-07	1.32E-07	1.33E-07	7.8891E-04
607147.8	4200848.22	44152.93426	0.37708	0.35414	0.05906	0.05496	0.03745	0.03769	7.53E-04	2.27E-06	2.16E-06	5.77E-07	5.35E-07	1.31E-07	1.32E-07	7.5821E-04
607167.8	4200848.22	42453.86219	0.42527	0.39626	0.05896	0.05493	0.03721	0.03742	7.24E-04	2.56E-06	2.42E-06	5.76E-07	5.34E-07	1.30E-07	1.31E-07	7.2979E-04
607187.8	4200848.22	40866.82242	0.48374	0.44686	0.05904	0.0551	0.03695	0.03714	6.97E-04	2.91E-06	2.73E-06	5.77E-07	5.36E-07	1.29E-07	1.30E-07	7.0340E-04
607207.8	4200848.22	39381.27565	0.55629	0.50873	0.05937	0.0555	0.03668	0.03685	6.71E-04	3.35E-06	3.10E-06	5.80E-07	5.40E-07	1.28E-07	1.29E-07	6.7890E-04
607227.8	4200848.22	37993.42726	0.64634	0.58449	0.0597	0.05577	0.0364	0.03656	6.48E-04	3.89E-06	3.57E-06	5.83E-07	5.42E-07	1.27E-07	1.28E-07	6.5625E-04
606747.8	4200868.22	151565.5533	0.06964	0.07075	0.05426	0.05284	0.04093	0.0417	2.58E-03	4.19E-07	4.32E-07	5.30E-07	5.14E-07	1.43E-07	1.46E-07	2.5856E-03
606767.8	4200868.22	139104.5775	0.07232	0.07347	0.05474	0.0532	0.04122	0.04196	2.37E-03	4.35E-07	4.48E-07	5.35E-07	5.17E-07	1.44E-07	1.47E-07	2.3732E-03
606787.8	4200868.22	126866.2019	0.07499	0.07653	0.05533	0.05361	0.04138	0.04209	2.16E-03	4.52E-07	4.67E-07	5.40E-07	5.21E-07	1.45E-07	1.47E-07	2.1646E-03
606807.8	4200868.22	115396.975	0.08024	0.08198	0.05663	0.05445	0.04142	0.04209	1.97E-03	4.83E-07	5.00E-07	5.53E-07	5.30E-07	1.45E-07	1.47E-07	1.9692E-03
606827.8	4200868.22	105751.2079	0.08613	0.0876	0.0578	0.05523	0.04143	0.04207	1.80E-03	5.19E-07	5.34E-07	5.64E-07	5.37E-07	1.45E-07	1.47E-07	1.8049E-03
606847.8	4200868.22	97514.3627	0.09216	0.09377	0.05865	0.05603	0.04141	0.04201	1.66E-03	5.55E-07	5.72E-07	5.73E-07	5.45E-07	1.45E-07	1.47E-07	1.6646E-03
606867.8	4200868.22	90422.1408	0.09897	0.10064	0.05926	0.0568	0.04136	0.04194	1.54E-03	5.96E-07	6.14E-07	5.79E-07	5.52E-07	1.45E-07	1.47E-07	1.5437E-03
606887.8	4200868.22	84242.24064	0.10635	0.10759	0.06025	0.05759	0.04129	0.04184	1.44E-03	6.40E-07	6.56E-07	5.88E-07	5.60E-07	1.45E-07	1.46E-07	1.4385E-03
606907.8	4200868.22	78809.36958	0.11494	0.1156	0.0613	0.05841	0.0412	0.04171	1.34E-03	6.92E-07	7.05E-07	5.99E-07	5.68E-07	1.44E-07	1.46E-07	1.3460E-03
606927.8	4200868.22	73997.35032	0.1252	0.12524	0.06236	0.05926	0.04109	0.04157	1.26E-03	7.54E-07	7.64E-07	6.09E-07	5.76E-07	1.44E-07	1.45E-07	1.2641E-03
606947.8	4200868.22	69706.90848	0.13646	0.1362	0.06338	0.06002	0.04095	0.0414	1.19E-03	8.22E-07	8.31E-07	6.19E-07	5.84E-07	1.43E-07	1.45E-07	1.1911E-03
607047.8	4200868.22	53764.24621	0.21797	0.21262	0.06661	0.06198	0.04002	0.04034	9.17E-04	1.31E-06	1.30E-06	6.50E-07	6.03E-07	1.40E-07	1.41E-07	9.2037E-04
607067.8	4200868.22	51356.04765	0.24166	0.23438	0.06683	0.06201	0.03979	0.04008	8.75E-04	1.46E-06	1.43E-06	6.53E-07	6.03E-07	1.39E-07	1.40E-07	8.7960E-04
607087.8	4200868.22	49135.90153	0.2691	0.25943	0.06693	0.06197	0.03954	0.03981	8.38E-04	1.62E-06	1.58E-06	6.54E-07	6.03E-07	1.38E-07	1.39E-07	8.4207E-04
607107.8	4200868.22	47085.71378	0.30081	0.28785	0.06688	0.06184	0.03928	0.03953	8.03E-04	1.81E-06	1.76E-06	6.53E-07	6.01E-07	1.38E-07	1.38E-07	8.0748E-04
607127.8	4200868.22	45185.63022	0.33783	0.3207	0.06674	0.06168	0.03901	0.03924	7.70E-04	2.03E-06	1.96E-06	6.52E-07	6.00E-07	1.37E-07	1.37E-07	7.7551E-04
607147.8	4200868.22	43418.73887	0.38147	0.35914	0.06656	0.06154	0.03873	0.03893	7.40E-04	2.30E-06	2.19E-06	6.50E-07	5.99E-07	1.36E-07	1.36E-07	7.4589E-04
607167.8	4200868.22	41772.40418	0.4335	0.40452	0.06643	0.06147	0.03844	0.03862	7.12E-04	2.61E-06	2.47E-06	6.49E-07	5.98E-07	1.35E-07	1.35E-07	7.1841E-04
607187.8	4200868.22	40234.12324	0.49695	0.45919	0.06644	0.06158	0.03814	0.0383	6.86E-04	2.99E-06	2.80E-06	6.49E-07	5.99E-07	1.34E-07	1.34E-07	6.9290E-04
607207.8	4200868.22	38795.57671	0.57552	0.52578	0.06658	0.06182	0.03783	0.03797	6.61E-04	3.47E-06	3.21E-06	6.50E-07	6.01E-07	1.32E-07	1.33E-07	6.6926E-04
607227.8	4200868.22	37445.71006	0.67607	0.6095	0.06699	0.06226	0.03751	0.03764	6.38E-04	4.07E-06	3.72E-06	6.54E-07	6.06E-07	1.31E-07	1.32E-07	6.4738E-04
606755.19	4200886.81	139503.3263	0.06602	0.06742	0.05665	0.05528	0.04331	0.04406	2.38E-03	3.98E-07	4.11E-07	5.53E-07	5.38E-07	1.52E-07	1.54E-07	2.3800E-03
606767.8	4200888.22	131414.7725	0.06711	0.06848	0.05733	0.05583	0.04357	0.0443	2.24E-03	4.04E-07	4.18E-07	5.60E-07	5.43E-07	1.53E-07	1.55E-07	2.2421E-03
606787.8	4200888.22	119786.8771	0.07067	0.07233	0.05854	0.05691	0.0436	0.04429	2.04E-03	4.26E-07	4.41E-07	5.72E-07	5.53E-07	1.53E-07	1.55E-07	2.0440E-03
606807.8	4200888.22	109714.0964	0.07569	0.07783	0.06005	0.05796	0.04358	0.04424	1.87E-03	4.56E-07	4.75E-07	5.86E-07	5.64E-07	1.53E-07	1.55E-07	1.8724E-03
606827.8	4200888.22	101069.4191	0.08123	0.08322	0.06151	0.059	0.04354	0.04416	1.72E-03	4.89E-07	5.08E-07	6.01E-07	5.74E-07	1.52E-07	1.54E-07	1.7251E-03
606847.8	4200888.22	93599.39802	0.08718	0.08918	0.06278	0.06005	0.04346	0.04405	1.60E-03	5.25E-07	5.44E-07	6.13E-07	5.84E-07	1.52E-07	1.54E-07	1.5978E-03
606867.8	4200888.22	87090.17293	0.09361	0.09578	0.06386	0.06111	0.04336	0.04392	1.48E-03	5.64E-07	5.84E-07	6.24E-07	5.94E-07	1.52E-07	1.53E-07	1.4870E-03
606887.8	4200888.22	81364.95425	0.1007	0.10229	0.06484	0.06219	0.04324	0.04376	1.39E-03	6.06E-07	6.24E-07	6.33E-07	6.05E-07	1.51E-07	1.53E-07	1.3895E-03
606907.8	4200888.22	76308.93177	0.10915	0.11042	0.06619	0.06329	0.04309	0.04358	1.30E-03	6.57E-07	6.74E-07	6.46E-07	6.16E-07	1.51E-07	1.52E-07	1.3034E-03
606927.8	4200888.22	71794.77961	0.11931	0.12036	0.06767	0.0645	0.04292	0.04338	1.22E-03	7.18E-07	7.34E-07	6.61E-07	6.27E-07	1.50E-07	1.52E-07	1.2266E-03
607027.8	4200888.22	55112.02175	0.19098	0.18881	0.07377	0.06888	0.04181	0.04212	9.39E-04	1.15E-06	1.15E-06	7.20E-07	6.70E-07	1.46E-07	1.47E-07	9.4318E-04
607047.8	4200888.22	52601.51627	0.21223	0.20856	0.07461	0.06939	0.04153	0.04182	8.97E-04	1.28E-06	1.27E-06	7.29E-07	6.75E-07	1.45E-07	1.46E-07	9.0064E-04
607067.8	4200888.22	50294.57352	0.23655	0.23104	0.07523	0.06969	0.04125	0.04152	8.57E-04	1.42E-06	1.41E-06	7.35E-07	6.78E-07	1.44E-07	1.45E-07	8.6161E-04
607087.8	4200888.22	48164.20164	0.2649	0.25705	0.07566	0.06985	0.04096	0.0412	8.21E-04	1.60E-06	1.57E-06	7.39E-07	6.79E-07	1.43E-07	1.44E-07	8.2563E-04
607107.8	4200888.22	46192.0796	0.29804	0.28688	0.07591	0.06989	0.04065	0.04087	7.87E-04	1.79E-06	1.75E-06	7.41E-07	6.80E-07	1.42E-07	1.43E-07	7.9239E-04
607127.8	4200888.22	44361.21669	0.33707	0.32161	0.07597	0.06983	0.04033	0.04053	7.56E-04	2.03E-06	1.96E-06	7.42E-07	6.79E-07	1.41E-07	1.42E-07	7.6163E-04
607147.8	4200888.22	42658.77204	0.3831	0.36223	0.07584	0.06965	0.04001	0.04018	7.27E-04	2.31E-06	2.21E-06	7.41E-07	6.77E-07	1.40E-07	1.40E-07	7.3313E-04
607167.8	4200888.22	41068.73739	0.43871	0.41068	0.07569	0.06952	0.03967	0.03982	7.00E-04	2.64E-06	2.51E-06	7.39E-07	6.76E-07	1.39E-07	1.39E-07	7.0665E-04
607187.8	4200888.22	39579.78787	0.50735	0.4697	0.07567	0.06959	0.03932	0.03946	6.75E-04	3.05E-06	2.87E-06	7.39E-07	6.77E-07	1.38E-07	1.38E-07	6.8204E-04
607207.8	4200888.22	38187.00897	0.59291	0.54203	0.07572	0.06975	0.03897	0.03909	6.51E-04	3.57E-06	3.31E-06	7.39E-07	6.78E-07	1.36E-07	1.37E-07	6.5926E-04
607227.8	4200888.22	36878.31642	0.70387	0.63389	0.07606	0.07018	0.03861	0.03871	6.29E-04	4.24E-06	3.87E-06	7.43E-07	6.83E-07	1.35E-07	1.35E-07	6.3819E-04
606747.8	4200908.22	134603.2777	0.05892	0.06042	0.05886	0.0576	0.04597	0.04673	2.29E-03	3.55E-07	3.69E-07	5.75E-07	5.60E-07	1.61E-07	1.63E-07	2.2964E-03
606767.8	4200908.22	122942.0617	0.06256	0.06412	0.06025	0.05888	0.04595	0.04667	2.10E-03	3.77E-07	3.91E-07	5.88E-07	5.73E-07	1.61E-07	1.63E-07	2.0977E-03
606787.8	4200908.22	113012.0834	0.06692	0.06874	0.06234	0.06078	0.04592	0.0466	1.93E-03	4.03E-07	4.19E-07	6.09E-07	5.91E-07	1.61E-07	1.63E-07	1.9285E-03
606807.8	4200908.22	104125.49	0.07155	0.07344	0.06387	0.06206	0.04583	0.04647	1.78E-03	4.31E-07	4.48E-07	6.24E-07	6.04E-07	1.60E-07	1.62E-07	1.7771E-03
606827.8	4200908.22	96417.00644	0.07664	0.07859	0.06533	0.06328	0.04571	0.04632	1.64E-03	4.61E-07	4.79E-07	6.38E-07	6.15E-07	1.60E-07	1.62E-07	1.6458E-03
606847.8	4200908.22	89690.01611	0.08221	0.08423	0.06696	0.06466	0.04558	0.04615	1.53E-03	4.95E-07	5.14E-07	6.54E-07	6.29E-07	1.60E-07	1.61E-07	1.5312E-03
606867.8	4200908.22	83736.67259	0.08774	0.09048	0.06784	0.06552	0.04541	0.04595	1.43E-03	5.28E-07	5.52E-07	6.63E-07	6.37E-07	1.59E-07	1.61E-07	1.4298E-03
606887.8	4200908.22	78472.95344	0.09477	0.09678	0.06949	0.06694	0.04523	0.04572	1.34E-03	5.71E-07	5.90E-07	6.79E-07	6.51E-07	1.58E-07	1.60E-07	1.3402E-03
606987.8	4200908.22	59254.59468	0.14892	0.14994	0.07875	0.07441	0.044	0.04433	1.01E-03	8.97E-07	9.15E-07	7.69E-07	7.24E-07	1.54E-07	1.55E-07	1.0134E-03
607007.8	4200908.22	56415.86017	0.16468	0.1652	0.08051	0.07571	0.0437	0.04401	9.62E-04	9.92E-07	1.01E-06	7.86E-07	7.36E-07	1.53E-07	1.54E-07	9.6523E-04
607027.8	4200908.22	53814.73602	0.18295	0.18252	0.08213	0.07684	0.04339	0.04367	9.17E-04	1.10E-06	1.11E-06	8.02E-07	7.47E-07	1.52E-07	1.53E-07	9.2113E-04
607047.8	4200908.22	51420.21204	0.20424	0.20255	0.08362	0.07784	0.04306	0.04332	8.77E-04	1.23E-06	1.24E-06	8.17E-07	7.57E-07	1.51E-07	1.51E-07	8.8059E-04
607067.8	4200908.22	49212.83328	0.22896	0.22565	0.08489	0.07863	0.04273	0.04296	8.39E-04	1.38E-06	1.38E-06	8.29E-07	7.65E-07	1.50E-07	1.50E-07	8.4327E-04
607087.8	4200908.22	47172.60656	0.25791	0.25243	0.08591	0.0792	0.04238	0.04259	8.04E-04	1.55E-06	1.54E-06	8.39E-07	7.70E-07	1.48E-07	1.49E-07	8.0884E-04
607107.8	4200908.22	45280.91717	0.29206	0.28339	0.08668	0.07957	0.04202	0.04221	7.72E-04	1.76E-06	1.73E-06	8.46E-07	7.74E-07	1.47E-07	1.48E-07	7.7700E-04
607127.8	4200908.22	43520.50753	0.3327	0.31981	0.08718	0.07976	0.04165	0.04182	7.42E-04	2.00E-06	1.95E-06	8.51E-07	7.76E-07	1.46E-07	1.46E-07	7.4747E-04
607147.8	4200908.22	41878.9375	0.38148	0.36298	0.08743	0.07979	0.04128	0.04142	7.14E-04	2.30E-06	2.21E-06	8.54E-07	7.76E-07	1.45E-07	1.45E-07	7.2004E-04
607167.8	4200908.22	40346.7841	0.44044	0.41444	0.08742	0.07968	0.0409	0.04102	6.88E-04	2.65E-06	2.53E-06	8.54E-07	7.75E-07	1.43E-07	1.43E-07	6.9459E-04
607187.8	4200908.22	38909.9351	0.51382	0.47755	0.08741	0.07967	0.04051	0.04061	6.63E-04	3.09E-06	2.91E-06	8.54E-07	7.75E-07	1.42E-07	1.42E-07	6.7093E-04
607207.8	4200908.22	37561.53982	0.60707	0.55633	0.08749	0.07985	0.04011	0.04019	6.40E-04	3.66E-06	3.39E-06	8.54E-07	7.77E-07	1.40E-07	1.40E-07	6.4898E-04
607227.8	4200908.22	36295.75233	0.72831	0.65653	0.08768	0.08017	0.03971	0.03978	6.19E-04	4.39E-06	4.00E-06	8.56E-07	7.80E-07	1.39E-07	1.39E-07	6.2875E-04
606687.8	4200928.22	159227.1761	0.04639	0.04837	0.05691	0.05611	0.04858	0.04946	2.71E-03	2.79E-07	2.95E-07	5.56E-07	5.46E-07	1.70E-07	1.73E-07	2.7160E-03
606707.8	4200928.22	147056.2062	0.04942	0.05107	0.05904	0.05799	0.0486	0.04943	2.51E-03	2.98E-07	3.12E-07	5.77E-07	5.64E-07	1.70E-07	1.73E-07	2.5086E-03
606727.8	4200928.22	135261.3771	0.05227	0.05401	0.06034	0.05925	0.04856	0.04935	2.31E-03	3.15E-07	3.29E-07	5.89E-07	5.76E-07	1.70E-07	1.72E-07	2.3076E-03
606747.8	4200928.22	124610.1828	0.05537	0.0572	0.06217	0.06101	0.04851	0.04925	2.12E-03	3.33E-07	3.49E-07	6.07E-07	5.93E-07	1.70E-07	1.72E-07	2.1261E-03
606767.8	4200928.22	114924.0422	0.05884	0.06077	0.06382	0.06243	0.04841	0.04911	1.96E-03	3.54E-07	3.71E-07	6.23E-07	6.07E-07	1.69E-07	1.72E-07	1.9610E-03
606787.8	4200928.22	106385.1501	0.06247	0.0645	0.06546	0.06404	0.0483	0.04896	1.81E-03	3.76E-07	3.93E-07	6.39E-07	6.23E-07	1.69E-07	1.71E-07	1.8156E-03
606807.8	4200928.22	98727.22171	0.06664	0.06879	0.0672	0.06563	0.04815	0.04876	1.68E-03	4.01E-07	4.20E-07	6.56E-07	6.38E-07	1.69E-07	1.70E-07	1.6851E-03
606827.8	4200928.22	91891.34258	0.07146	0.07371	0.06907	0.06731	0.04796	0.04854	1.57E-03	4.30E-07	4.50E-07	6.75E-07	6.55E-07	1.68E-07	1.70E-07	1.5687E-03
606847.8	4200928.22	85847.44401	0.0767	0.07906	0.07097	0.06892	0.04775	0.04829	1.46E-03	4.62E-07	4.82E-07	6.93E-07	6.70E-07	1.67E-07	1.69E-07	1.4657E-03
606867.8	4200928.22	80447.12825	0.08202	0.08505	0.07266	0.07	0.04752	0.04802	1.37E-03	4.94E-07	5.19E-07	7.10E-07	6.81E-07	1.66E-07	1.68E-07	1.3738E-03
606967.8	4200928.22	60610.18407	0.12694	0.12938	0.08363	0.07977	0.04605	0.04639	1.03E-03	7.64E-07	7.89E-07	8.17E-07	7.76E-07	1.61E-07	1.62E-07	1.0364E-03
606987.8	4200928.22	57669.71504	0.14022	0.1425	0.0862	0.08185	0.04571	0.04601	9.83E-04	8.44E-07	8.69E-07	8.42E-07	7.96E-07	1.60E-07	1.61E-07	9.8644E-04
607007.8	4200928.22	54984.67402	0.15533	0.15736	0.08871	0.08378	0.04535	0.04563	9.37E-04	9.35E-07	9.60E-07	8.66E-07	8.15E-07	1.59E-07	1.59E-07	9.4089E-04
607027.8	4200928.22	52511.69683	0.17324	0.17461	0.09119	0.08565	0.04498	0.04523	8.95E-04	1.04E-06	1.07E-06	8.91E-07	8.33E-07	1.57E-07	1.58E-07	8.9899E-04
607047.8	4200928.22	50233.25552	0.19407	0.19455	0.09355	0.08735	0.0446	0.04482	8.56E-04	1.17E-06	1.19E-06	9.14E-07	8.50E-07	1.56E-07	1.57E-07	8.6044E-04
607067.8	4200928.22	48124.3867	0.21873	0.21794	0.09579	0.0889	0.04421	0.0444	8.20E-04	1.32E-06	1.33E-06	9.35E-07	8.65E-07	1.55E-07	1.55E-07	8.2481E-04
607087.8	4200928.22	46173.04044	0.2478	0.2452	0.09774	0.09016	0.04381	0.04398	7.87E-04	1.49E-06	1.50E-06	9.54E-07	8.77E-07	1.53E-07	1.54E-07	7.9192E-04
607107.8	4200928.22	44359.44539	0.28252	0.27706	0.09942	0.09118	0.04339	0.04354	7.56E-04	1.70E-06	1.69E-06	9.71E-07	8.87E-07	1.52E-07	1.52E-07	7.6144E-04
607127.8	4200928.22	42669.19879	0.32431	0.31487	0.10077	0.09191	0.04298	0.0431	7.27E-04	1.95E-06	1.92E-06	9.84E-07	8.94E-07	1.50E-07	1.51E-07	7.3313E-04
607147.8	4200928.22	41089.89119	0.37519	0.36022	0.10177	0.0924	0.04255	0.04266	7.00E-04	2.26E-06	2.20E-06	9.94E-07	8.99E-07	1.49E-07	1.49E-07	7.0680E-04
607167.8	4200928.22	39613.05854	0.4375	0.41485	0.10236	0.09262	0.04212	0.0422	6.75E-04	2.63E-06	2.53E-06	1.00E-06	9.01E-07	1.47E-07	1.47E-07	6.8234E-04
607187.8	4200928.22	38229.1611	0.51522	0.48181	0.10259	0.09264	0.04168	0.04175	6.52E-04	3.10E-06	2.94E-06	1.00E-06	9.01E-07	1.46E-07	1.46E-07	6.5963E-04
607207.8	4200928.22	36926.83376	0.61553	0.56661	0.10278	0.09282	0.04124	0.04129	6.29E-04	3.71E-06	3.46E-06	1.00E-06	9.03E-07	1.44E-07	1.44E-07	6.3855E-04
607227.8	4200928.22	35703.41322	0.74722	0.67535	0.1029	0.09304	0.04079	0.04083	6.09E-04	4.50E-06	4.12E-06	1.00E-06	9.05E-07	1.43E-07	1.43E-07	6.1916E-04
606667.8	4200948.22	151245.625	0.04148	0.04302	0.05802	0.05727	0.05146	0.05238	2.58E-03	2.50E-07	2.62E-07	5.67E-07	5.57E-07	1.80E-07	1.83E-07	2.5799E-03
606687.8	4200948.22	142119.5581	0.04373	0.04531	0.05946	0.05861	0.05142	0.05228	2.42E-03	2.63E-07	2.76E-07	5.81E-07	5.70E-07	1.80E-07	1.83E-07	2.4244E-03
606707.8	4200948.22	132933.3807	0.04608	0.04781	0.06128	0.06034	0.05135	0.05217	2.27E-03	2.77E-07	2.92E-07	5.98E-07	5.87E-07	1.80E-07	1.82E-07	2.2678E-03
606727.8	4200948.22	123981.0335	0.04856	0.05041	0.06296	0.06205	0.05126	0.05202	2.11E-03	2.92E-07	3.08E-07	6.15E-07	6.03E-07	1.79E-07	1.82E-07	2.1153E-03
606747.8	4200948.22	115422.9165	0.05134	0.05331	0.06472	0.0637	0.05113	0.05184	1.97E-03	3.09E-07	3.25E-07	6.32E-07	6.20E-07	1.79E-07	1.81E-07	1.9695E-03
606767.8	4200948.22	107434.859	0.0545	0.05659	0.06657	0.06544	0.05095	0.05162	1.83E-03	3.28E-07	3.45E-07	6.50E-07	6.36E-07	1.78E-07	1.80E-07	1.8334E-03
606787.8	4200948.22	100145.3696	0.05797	0.06019	0.06849	0.06723	0.05075	0.05138	1.71E-03	3.49E-07	3.67E-07	6.69E-07	6.54E-07	1.78E-07	1.80E-07	1.7092E-03
606807.8	4200948.22	93535.25375	0.0618	0.06416	0.07049	0.06909	0.05052	0.05111	1.59E-03	3.72E-07	3.91E-07	6.88E-07	6.72E-07	1.77E-07	1.79E-07	1.5966E-03
606827.8	4200948.22	87533.8536	0.06621	0.06871	0.07264	0.07107	0.05026	0.0508	1.49E-03	3.99E-07	4.19E-07	7.09E-07	6.91E-07	1.76E-07	1.78E-07	1.4944E-03
606927.8	4200948.22	65202.68078	0.09806	0.10117	0.08425	0.08145	0.04862	0.04898	1.11E-03	5.90E-07	6.17E-07	8.23E-07	7.92E-07	1.70E-07	1.71E-07	1.1143E-03
606947.8	4200948.22	61897.40284	0.10739	0.1106	0.08726	0.08408	0.04824	0.04857	1.06E-03	6.47E-07	6.75E-07	8.52E-07	8.18E-07	1.69E-07	1.70E-07	1.0581E-03
606967.8	4200948.22	58876.06964	0.11808	0.12146	0.09045	0.0868	0.04785	0.04814	1.00E-03	7.11E-07	7.41E-07	8.83E-07	8.44E-07	1.68E-07	1.68E-07	1.0068E-03
606987.8	4200948.22	56108.93689	0.13046	0.13388	0.09376	0.08957	0.04744	0.0477	9.56E-04	7.86E-07	8.17E-07	9.16E-07	8.71E-07	1.66E-07	1.67E-07	9.5987E-04
607007.8	4200948.22	53566.7996	0.14482	0.14827	0.09719	0.09235	0.04702	0.04725	9.13E-04	8.72E-07	9.04E-07	9.49E-07	8.98E-07	1.65E-07	1.65E-07	9.1677E-04
607027.8	4200948.22	51220.81566	0.16186	0.165	0.10069	0.09512	0.04658	0.04679	8.73E-04	9.75E-07	1.01E-06	9.83E-07	9.25E-07	1.63E-07	1.64E-07	8.7704E-04
607047.8	4200948.22	49051.20988	0.18196	0.18465	0.10421	0.09784	0.04614	0.04632	8.36E-04	1.10E-06	1.13E-06	1.02E-06	9.52E-07	1.62E-07	1.62E-07	8.4036E-04
607067.8	4200948.22	47041.46268	0.20581	0.2077	0.10768	0.10041	0.04569	0.04584	8.02E-04	1.24E-06	1.27E-06	1.05E-06	9.77E-07	1.60E-07	1.60E-07	8.0644E-04
607087.8	4200948.22	45175.6697	0.23438	0.23501	0.111	0.10275	0.04523	0.04536	7.70E-04	1.41E-06	1.43E-06	1.08E-06	9.99E-07	1.58E-07	1.59E-07	7.7503E-04
607107.8	4200948.22	43438.1357	0.26897	0.26733	0.11413	0.10486	0.04476	0.04487	7.40E-04	1.62E-06	1.63E-06	1.11E-06	1.02E-06	1.57E-07	1.57E-07	7.4587E-04
607127.8	4200948.22	41814.59033	0.31133	0.30628	0.11699	0.10669	0.04429	0.04438	7.13E-04	1.87E-06	1.87E-06	1.14E-06	1.04E-06	1.55E-07	1.55E-07	7.1873E-04
607147.8	4200948.22	40299.981	0.36295	0.35286	0.11928	0.10799	0.04381	0.04388	6.87E-04	2.19E-06	2.15E-06	1.16E-06	1.05E-06	1.53E-07	1.53E-07	6.9354E-04
607167.8	4200948.22	38876.51595	0.42803	0.41048	0.1212	0.10906	0.04333	0.04338	6.63E-04	2.58E-06	2.50E-06	1.18E-06	1.06E-06	1.52E-07	1.52E-07	6.7005E-04
607187.8	4200948.22	37541.88456	0.51022	0.48166	0.12246	0.10966	0.04284	0.04287	6.40E-04	3.07E-06	2.94E-06	1.20E-06	1.07E-06	1.50E-07	1.50E-07	6.4824E-04
607207.8	4200948.22	36287.12956	0.61665	0.57174	0.12315	0.10997	0.04235	0.04236	6.19E-04	3.71E-06	3.49E-06	1.20E-06	1.07E-06	1.48E-07	1.48E-07	6.2805E-04
607227.8	4200948.22	35105.92126	0.75859	0.68877	0.12343	0.11016	0.04186	0.04186	5.98E-04	4.57E-06	4.20E-06	1.21E-06	1.07E-06	1.47E-07	1.46E-07	6.0949E-04
606547.8	4200968.22	156804.578	0.02991	0.03085	0.05035	0.0501	0.05428	0.05553	2.67E-03	1.80E-07	1.88E-07	4.92E-07	4.87E-07	1.90E-07	1.94E-07	2.6744E-03
606567.8	4200968.22	155101.7297	0.03113	0.03214	0.05163	0.05136	0.05443	0.05562	2.64E-03	1.87E-07	1.96E-07	5.04E-07	5.00E-07	1.91E-07	1.94E-07	2.6454E-03
606587.8	4200968.22	152778.972	0.03253	0.03359	0.05298	0.05268	0.05453	0.05565	2.60E-03	1.96E-07	2.05E-07	5.17E-07	5.12E-07	1.91E-07	1.94E-07	2.6058E-03
606607.8	4200968.22	149858.7241	0.03386	0.03499	0.05441	0.05408	0.05458	0.05565	2.55E-03	2.04E-07	2.13E-07	5.31E-07	5.26E-07	1.91E-07	1.94E-07	2.5561E-03
606627.8	4200968.22	145699.6861	0.0356	0.03686	0.05591	0.05553	0.05457	0.05558	2.48E-03	2.14E-07	2.25E-07	5.46E-07	5.40E-07	1.91E-07	1.94E-07	2.4852E-03
606647.8	4200968.22	140672.2008	0.03714	0.03842	0.05748	0.05706	0.05454	0.05549	2.40E-03	2.24E-07	2.34E-07	5.61E-07	5.55E-07	1.91E-07	1.94E-07	2.3996E-03
606667.8	4200968.22	134921.4978	0.03864	0.0402	0.05982	0.05912	0.05449	0.05538	2.30E-03	2.33E-07	2.45E-07	5.84E-07	5.75E-07	1.91E-07	1.94E-07	2.3016E-03
606687.8	4200968.22	128285.7739	0.04048	0.04215	0.06153	0.06093	0.05439	0.05523	2.19E-03	2.44E-07	2.57E-07	6.01E-07	5.93E-07	1.90E-07	1.93E-07	2.1886E-03
606707.8	4200968.22	121197.0313	0.04258	0.04437	0.06332	0.06265	0.05423	0.05502	2.07E-03	2.56E-07	2.71E-07	6.18E-07	6.09E-07	1.90E-07	1.92E-07	2.0678E-03
606727.8	4200968.22	114082.1298	0.04485	0.04676	0.06518	0.06442	0.05405	0.05478	1.94E-03	2.70E-07	2.85E-07	6.37E-07	6.27E-07	1.89E-07	1.91E-07	1.9466E-03
606747.8	4200968.22	107100.0885	0.04746	0.0495	0.06715	0.0663	0.05382	0.0545	1.83E-03	2.86E-07	3.02E-07	6.56E-07	6.45E-07	1.88E-07	1.90E-07	1.8276E-03
606767.8	4200968.22	100484.7513	0.05033	0.05251	0.06922	0.06826	0.05356	0.05419	1.71E-03	3.03E-07	3.20E-07	6.76E-07	6.64E-07	1.88E-07	1.89E-07	1.7149E-03
606787.8	4200968.22	94304.8691	0.05353	0.05586	0.0714	0.07032	0.05327	0.05386	1.61E-03	3.22E-07	3.41E-07	6.97E-07	6.84E-07	1.87E-07	1.88E-07	1.6096E-03
606907.8	4200968.22	66446.89112	0.08304	0.08624	0.08637	0.08421	0.05101	0.05136	1.13E-03	5.00E-07	5.26E-07	8.43E-07	8.19E-07	1.79E-07	1.79E-07	1.1354E-03
606927.8	4200968.22	63090.16359	0.09047	0.09403	0.0897	0.08723	0.05057	0.05088	1.08E-03	5.45E-07	5.74E-07	8.76E-07	8.48E-07	1.77E-07	1.78E-07	1.0783E-03
606947.8	4200968.22	60012.05148	0.09896	0.10277	0.0933	0.09045	0.05012	0.0504	1.02E-03	5.96E-07	6.27E-07	9.11E-07	8.80E-07	1.75E-07	1.76E-07	1.0260E-03
606967.8	4200968.22	57183.9504	0.10873	0.11283	0.09716	0.09386	0.04965	0.0499	9.75E-04	6.55E-07	6.88E-07	9.49E-07	9.13E-07	1.74E-07	1.74E-07	9.7801E-04
606987.8	4200968.22	54579.41729	0.12011	0.12447	0.10129	0.09744	0.04917	0.04939	9.30E-04	7.23E-07	7.59E-07	9.89E-07	9.48E-07	1.72E-07	1.73E-07	9.3382E-04
607007.8	4200968.22	52175.91652	0.13345	0.13807	0.1057	0.1012	0.04868	0.04887	8.89E-04	8.04E-07	8.42E-07	1.03E-06	9.84E-07	1.70E-07	1.71E-07	8.9310E-04
607027.8	4200968.22	49950.95589	0.14928	0.15399	0.11034	0.10504	0.04819	0.04835	8.52E-04	8.99E-07	9.39E-07	1.08E-06	1.02E-06	1.69E-07	1.69E-07	8.5544E-04
607047.8	4200968.22	47887.5075	0.1681	0.1728	0.1152	0.10899	0.04768	0.04781	8.16E-04	1.01E-06	1.05E-06	1.13E-06	1.06E-06	1.67E-07	1.67E-07	8.2058E-04
607067.8	4200968.22	45972.64482	0.19055	0.19503	0.12019	0.11292	0.04716	0.04728	7.84E-04	1.15E-06	1.19E-06	1.17E-06	1.10E-06	1.65E-07	1.65E-07	7.8830E-04
607087.8	4200968.22	44189.25607	0.21783	0.22175	0.1253	0.11678	0.04664	0.04673	7.53E-04	1.31E-06	1.35E-06	1.22E-06	1.14E-06	1.63E-07	1.63E-07	7.5831E-04
607107.8	4200968.22	42525.16328	0.25128	0.25382	0.13045	0.12054	0.04612	0.04619	7.25E-04	1.51E-06	1.55E-06	1.27E-06	1.17E-06	1.61E-07	1.61E-07	7.3043E-04
607127.8	4200968.22	40969.06118	0.29269	0.29283	0.1355	0.12405	0.04559	0.04564	6.98E-04	1.76E-06	1.79E-06	1.32E-06	1.21E-06	1.60E-07	1.59E-07	7.0447E-04
607147.8	4200968.22	39512.04042	0.34443	0.34056	0.14025	0.12715	0.04506	0.04508	6.74E-04	2.07E-06	2.08E-06	1.37E-06	1.24E-06	1.58E-07	1.58E-07	6.8031E-04

607167.8	4200968.22	38144.26164	0.41015	0.39981	0.14448	0.12973	0.04452	0.04453	6.50E-04	2.47E-06	2.44E-06	1.41E-06	1.26E-06	1.56E-07	1.56E-07	6.5782E-04
607187.8	4200968.22	36857.35838	0.49534	0.47458	0.14805	0.13177	0.04398	0.04398	6.28E-04	2.98E-06	2.89E-06	1.45E-06	1.28E-06	1.54E-07	1.54E-07	6.3691E-04
607207.8	4200968.22	35645.63882	0.60802	0.57062	0.15069	0.13322	0.04344	0.04342	6.08E-04	3.66E-06	3.48E-06	1.47E-06	1.30E-06	1.52E-07	1.52E-07	6.1755E-04
607227.8	4200968.22	34508.0841	0.75815	0.6946	0.1518	0.1336	0.04291	0.04287	5.88E-04	4.57E-06	4.24E-06	1.48E-06	1.30E-06	1.50E-07	1.50E-07	5.9984E-04
606527.8	4200988.22	143511.1206	0.0266	0.02752	0.05041	0.05014	0.05794	0.05926	2.45E-03	1.60E-07	1.68E-07	4.92E-07	4.88E-07	2.03E-07	2.07E-07	2.4477E-03
606547.8	4200988.22	141346.4949	0.02764	0.02864	0.05181	0.05139	0.05805	0.0593	2.41E-03	1.66E-07	1.75E-07	5.06E-07	5.00E-07	2.03E-07	2.07E-07	2.4109E-03
606567.8	4200988.22	139214.583	0.02894	0.02986	0.05285	0.0527	0.05809	0.05927	2.37E-03	1.74E-07	1.82E-07	5.16E-07	5.13E-07	2.03E-07	2.07E-07	2.3745E-03
606587.8	4200988.22	136823.9287	0.03022	0.03122	0.05426	0.05409	0.05809	0.0592	2.33E-03	1.82E-07	1.90E-07	5.30E-07	5.26E-07	2.03E-07	2.07E-07	2.3338E-03
606607.8	4200988.22	134004.0893	0.03161	0.03268	0.05576	0.05553	0.05804	0.05908	2.28E-03	1.90E-07	1.99E-07	5.45E-07	5.40E-07	2.03E-07	2.06E-07	2.2858E-03
606627.8	4200988.22	130705.6326	0.03287	0.03398	0.05735	0.05711	0.05795	0.05893	2.23E-03	1.98E-07	2.07E-07	5.60E-07	5.55E-07	2.03E-07	2.06E-07	2.2296E-03
606647.8	4200988.22	126620.048	0.0342	0.03565	0.05947	0.05875	0.05781	0.05873	2.16E-03	2.06E-07	2.17E-07	5.81E-07	5.71E-07	2.02E-07	2.05E-07	2.1600E-03
606667.8	4200988.22	121890.9854	0.03587	0.03739	0.06149	0.06112	0.05764	0.05851	2.08E-03	2.16E-07	2.28E-07	6.00E-07	5.94E-07	2.02E-07	2.04E-07	2.0795E-03
606687.8	4200988.22	116693.5172	0.03748	0.03911	0.0633	0.06287	0.05745	0.05825	1.99E-03	2.26E-07	2.39E-07	6.18E-07	6.11E-07	2.01E-07	2.04E-07	1.9909E-03
606707.8	4200988.22	111113.701	0.0393	0.04106	0.06522	0.06472	0.0572	0.05795	1.89E-03	2.37E-07	2.50E-07	6.37E-07	6.29E-07	2.00E-07	2.03E-07	1.8959E-03
606727.8	4200988.22	105376.3594	0.04135	0.04324	0.06724	0.06667	0.05691	0.05761	1.80E-03	2.49E-07	2.64E-07	6.57E-07	6.48E-07	1.99E-07	2.01E-07	1.7981E-03
606747.8	4200988.22	99645.72391	0.04374	0.04577	0.06942	0.06876	0.05658	0.05722	1.70E-03	2.63E-07	2.79E-07	6.78E-07	6.69E-07	1.98E-07	2.00E-07	1.7005E-03
606867.8	4200988.22	71138.23537	0.06455	0.06738	0.08434	0.08301	0.05405	0.05442	1.21E-03	3.89E-07	4.11E-07	8.24E-07	8.07E-07	1.89E-07	1.90E-07	1.2151E-03
606887.8	4200988.22	67495.34817	0.07006	0.07319	0.08759	0.08606	0.05356	0.05389	1.15E-03	4.22E-07	4.46E-07	8.55E-07	8.37E-07	1.88E-07	1.88E-07	1.1531E-03
606907.8	4200988.22	64138.56937	0.07615	0.07957	0.09108	0.08929	0.05305	0.05335	1.09E-03	4.59E-07	4.85E-07	8.89E-07	8.68E-07	1.86E-07	1.86E-07	1.0961E-03
606927.8	4200988.22	61040.22714	0.08284	0.08667	0.09491	0.09285	0.05253	0.0528	1.04E-03	4.99E-07	5.29E-07	9.27E-07	9.03E-07	1.84E-07	1.85E-07	1.0434E-03
606947.8	4200988.22	58179.29787	0.09048	0.09466	0.09909	0.09669	0.052	0.05223	9.92E-04	5.45E-07	5.77E-07	9.68E-07	9.40E-07	1.82E-07	1.83E-07	9.9480E-04
606967.8	4200988.22	55534.80035	0.09927	0.10386	0.10363	0.10083	0.05146	0.05166	9.47E-04	5.98E-07	6.34E-07	1.01E-06	9.81E-07	1.80E-07	1.81E-07	9.4992E-04
606987.8	4200988.22	53087.17525	0.10953	0.11454	0.10857	0.10526	0.05091	0.05108	9.05E-04	6.60E-07	6.99E-07	1.06E-06	1.02E-06	1.78E-07	1.79E-07	9.0841E-04
607007.8	4200988.22	50818.68995	0.12156	0.12707	0.11397	0.11003	0.05035	0.05049	8.66E-04	7.32E-07	7.75E-07	1.11E-06	1.07E-06	1.76E-07	1.76E-07	8.6999E-04
607027.8	4200988.22	48708.31983	0.13599	0.14191	0.11986	0.11514	0.04978	0.04989	8.30E-04	8.19E-07	8.66E-07	1.17E-06	1.12E-06	1.74E-07	1.74E-07	8.3430E-04
607047.8	4200988.22	46749.16076	0.15301	0.15935	0.1261	0.12044	0.04921	0.04929	7.97E-04	9.21E-07	9.72E-07	1.23E-06	1.17E-06	1.72E-07	1.72E-07	8.0122E-04
607067.8	4200988.22	44923.85493	0.17356	0.18024	0.13281	0.12602	0.04863	0.04869	7.66E-04	1.05E-06	1.10E-06	1.30E-06	1.23E-06	1.70E-07	1.70E-07	7.7048E-04
607087.8	4200988.22	43220.09595	0.19874	0.20563	0.14001	0.13181	0.04805	0.04809	7.37E-04	1.20E-06	1.25E-06	1.37E-06	1.28E-06	1.68E-07	1.68E-07	7.4186E-04
607107.8	4200988.22	41626.80261	0.22993	0.2365	0.14767	0.13779	0.04746	0.04748	7.10E-04	1.38E-06	1.44E-06	1.44E-06	1.34E-06	1.66E-07	1.66E-07	7.1521E-04
607127.8	4200988.22	40134.21307	0.26906	0.27459	0.15572	0.14383	0.04687	0.04688	6.84E-04	1.62E-06	1.68E-06	1.52E-06	1.40E-06	1.64E-07	1.64E-07	6.9037E-04
607147.8	4200988.22	38733.74541	0.31888	0.32211	0.16403	0.14975	0.04628	0.04627	6.60E-04	1.92E-06	1.96E-06	1.60E-06	1.46E-06	1.62E-07	1.62E-07	6.6723E-04
607167.8	4200988.22	37417.49499	0.38342	0.38214	0.17231	0.15534	0.04569	0.04566	6.38E-04	2.31E-06	2.33E-06	1.68E-06	1.51E-06	1.60E-07	1.60E-07	6.4568E-04
607187.8	4200988.22	36178.32429	0.4687	0.45905	0.18019	0.16033	0.04511	0.04506	6.17E-04	2.82E-06	2.80E-06	1.76E-06	1.56E-06	1.58E-07	1.57E-07	6.2567E-04
607207.8	4200988.22	35011.22451	0.58356	0.55906	0.18702	0.16431	0.04452	0.04445	5.97E-04	3.51E-06	3.41E-06	1.83E-06	1.60E-06	1.56E-07	1.55E-07	6.0718E-04
606527.8	4201008.22	130767.3364	0.02482	0.02572	0.05169	0.05167	0.06202	0.06334	2.23E-03	1.49E-07	1.57E-07	5.05E-07	5.03E-07	2.17E-07	2.21E-07	2.2305E-03
606547.8	4201008.22	128578.4635	0.02578	0.02674	0.05305	0.05301	0.06202	0.06325	2.19E-03	1.55E-07	1.63E-07	5.18E-07	5.16E-07	2.17E-07	2.21E-07	2.1932E-03
606567.8	4201008.22	126372.0958	0.02688	0.0279	0.0545	0.05444	0.06194	0.0631	2.15E-03	1.62E-07	1.70E-07	5.32E-07	5.29E-07	2.17E-07	2.21E-07	2.1556E-03
606587.8	4201008.22	124074.1944	0.02801	0.0291	0.05603	0.05587	0.06182	0.06291	2.12E-03	1.69E-07	1.78E-07	5.47E-07	5.43E-07	2.16E-07	2.20E-07	2.1165E-03
606607.8	4201008.22	121484.4247	0.02923	0.03039	0.05759	0.05733	0.06165	0.06267	2.07E-03	1.76E-07	1.85E-07	5.62E-07	5.58E-07	2.16E-07	2.19E-07	2.0724E-03
606627.8	4201008.22	118600.8672	0.03046	0.0317	0.05932	0.05919	0.06145	0.0624	2.02E-03	1.83E-07	1.93E-07	5.79E-07	5.76E-07	2.15E-07	2.18E-07	2.0233E-03
606647.8	4201008.22	115214.0806	0.03174	0.03308	0.06108	0.06091	0.06121	0.06209	1.96E-03	1.91E-07	2.02E-07	5.96E-07	5.92E-07	2.14E-07	2.17E-07	1.9656E-03
606667.8	4201008.22	111272.1673	0.03319	0.03462	0.06295	0.06274	0.06092	0.06173	1.90E-03	2.00E-07	2.11E-07	6.15E-07	6.10E-07	2.13E-07	2.16E-07	1.8985E-03
606687.8	4201008.22	107035.0735	0.03463	0.03617	0.06487	0.06462	0.0606	0.06136	1.82E-03	2.09E-07	2.21E-07	6.33E-07	6.28E-07	2.12E-07	2.14E-07	1.8263E-03
606827.8	4201008.22	75577.91484	0.05142	0.05409	0.08241	0.08162	0.0574	0.0578	1.29E-03	3.10E-07	3.30E-07	8.05E-07	7.94E-07	2.01E-07	2.02E-07	1.2906E-03
606847.8	4201008.22	71799.7068	0.05504	0.05794	0.08561	0.08453	0.05685	0.05721	1.22E-03	3.31E-07	3.53E-07	8.36E-07	8.22E-07	1.99E-07	2.00E-07	1.2263E-03
606867.8	4201008.22	68259.25552	0.05931	0.06201	0.08794	0.08697	0.05628	0.0566	1.16E-03	3.57E-07	3.78E-07	8.59E-07	8.46E-07	1.97E-07	1.98E-07	1.1660E-03
606887.8	4201008.22	64964.96612	0.06411	0.06726	0.09157	0.09044	0.0557	0.05598	1.11E-03	3.86E-07	4.10E-07	8.94E-07	8.80E-07	1.95E-07	1.96E-07	1.1100E-03
606907.8	4201008.22	61899.52834	0.06953	0.07299	0.09548	0.09413	0.0551	0.05535	1.06E-03	4.19E-07	4.45E-07	9.32E-07	9.15E-07	1.93E-07	1.93E-07	1.0579E-03
606927.8	4201008.22	59047.76261	0.07547	0.07938	0.09979	0.09821	0.0545	0.05471	1.01E-03	4.54E-07	4.84E-07	9.75E-07	9.55E-07	1.91E-07	1.91E-07	1.0094E-03
606947.8	4201008.22	56395.91196	0.08224	0.08656	0.10451	0.10267	0.05389	0.05406	9.61E-04	4.95E-07	5.28E-07	1.02E-06	9.99E-07	1.89E-07	1.89E-07	9.6441E-04
606967.8	4201008.22	53929.08534	0.09001	0.09483	0.10971	0.10752	0.05327	0.05341	9.19E-04	5.42E-07	5.78E-07	1.07E-06	1.05E-06	1.87E-07	1.87E-07	9.2256E-04
606987.8	4201008.22	51633.37963	0.09908	0.10443	0.11543	0.11282	0.05264	0.05275	8.80E-04	5.97E-07	6.37E-07	1.13E-06	1.10E-06	1.84E-07	1.84E-07	8.8364E-04
607007.8	4201008.22	49495.40091	0.1097	0.11571	0.12178	0.11862	0.05201	0.05209	8.44E-04	6.61E-07	7.06E-07	1.19E-06	1.15E-06	1.82E-07	1.82E-07	8.4745E-04
607027.8	4201008.22	47498.5268	0.12244	0.1291	0.12883	0.12497	0.05136	0.05142	8.10E-04	7.37E-07	7.88E-07	1.26E-06	1.22E-06	1.80E-07	1.80E-07	8.1370E-04
607047.8	4201008.22	45637.91228	0.1375	0.14491	0.1365	0.13178	0.05072	0.05076	7.78E-04	8.28E-07	8.84E-07	1.33E-06	1.28E-06	1.78E-07	1.77E-07	7.8231E-04
607067.8	4201008.22	43899.0964	0.15571	0.16395	0.14498	0.13918	0.05007	0.05009	7.48E-04	9.38E-07	1.00E-06	1.42E-06	1.35E-06	1.75E-07	1.75E-07	7.5305E-04
607087.8	4201008.22	42271.91509	0.17811	0.18724	0.15438	0.14718	0.04943	0.04942	7.21E-04	1.07E-06	1.14E-06	1.51E-06	1.43E-06	1.73E-07	1.73E-07	7.2575E-04
607107.8	4201008.22	40746.80978	0.20605	0.21588	0.16481	0.15585	0.04878	0.04876	6.95E-04	1.24E-06	1.32E-06	1.61E-06	1.52E-06	1.71E-07	1.70E-07	7.0029E-04
607127.8	4201008.22	39315.14327	0.24143	0.25171	0.17637	0.16515	0.04813	0.04809	6.70E-04	1.45E-06	1.54E-06	1.72E-06	1.61E-06	1.69E-07	1.68E-07	6.7652E-04
607147.8	4201008.22	37969.55445	0.28712	0.29719	0.18915	0.17502	0.04749	0.04743	6.47E-04	1.73E-06	1.81E-06	1.85E-06	1.70E-06	1.66E-07	1.66E-07	6.5435E-04
607167.8	4201008.22	36702.77409	0.34743	0.35588	0.2031	0.1853	0.04684	0.04677	6.26E-04	2.09E-06	2.17E-06	1.98E-06	1.80E-06	1.64E-07	1.63E-07	6.3371E-04
607187.8	4201008.22	35508.50925	0.42902	0.4329	0.21804	0.1957	0.0462	0.04611	6.05E-04	2.58E-06	2.64E-06	2.13E-06	1.90E-06	1.62E-07	1.61E-07	6.1456E-04
607207.8	4201008.22	34383.65319	0.54124	0.53497	0.2331	0.20543	0.04557	0.04546	5.86E-04	3.26E-06	3.26E-06	2.28E-06	2.00E-06	1.60E-07	1.59E-07	5.9693E-04
606787.8	4201028.22	79269.60194	0.04154	0.04362	0.07875	0.07845	0.06111	0.06153	1.35E-03	2.50E-07	2.66E-07	7.69E-07	7.63E-07	2.14E-07	2.15E-07	1.3533E-03
606807.8	4201028.22	75564.9609	0.04413	0.0464	0.08179	0.08142	0.06048	0.06087	1.29E-03	2.66E-07	2.83E-07	7.99E-07	7.92E-07	2.12E-07	2.13E-07	1.2903E-03
606827.8	4201028.22	72022.38326	0.04706	0.04954	0.08506	0.08462	0.05984	0.06018	1.23E-03	2.83E-07	3.02E-07	8.31E-07	8.23E-07	2.10E-07	2.10E-07	1.2300E-03
606847.8	4201028.22	68671.21916	0.05027	0.05298	0.08855	0.08784	0.05919	0.05948	1.17E-03	3.03E-07	3.23E-07	8.65E-07	8.54E-07	2.07E-07	2.08E-07	1.1730E-03
606867.8	4201028.22	65501.60659	0.05422	0.05681	0.09117	0.0906	0.05852	0.05877	1.12E-03	3.26E-07	3.47E-07	8.90E-07	8.81E-07	2.05E-07	2.05E-07	1.1190E-03
606887.8	4201028.22	62523.64759	0.05857	0.06157	0.09517	0.09448	0.05784	0.05806	1.07E-03	3.53E-07	3.76E-07	9.29E-07	9.19E-07	2.03E-07	2.03E-07	1.0684E-03
606907.8	4201028.22	59730.69833	0.06336	0.06667	0.09948	0.09862	0.05716	0.05734	1.02E-03	3.82E-07	4.07E-07	9.71E-07	9.59E-07	2.00E-07	2.00E-07	1.0209E-03
606927.8	4201028.22	57111.98146	0.06858	0.07235	0.10423	0.10321	0.05647	0.05661	9.74E-04	4.13E-07	4.41E-07	1.02E-06	1.00E-06	1.98E-07	1.98E-07	9.7645E-04
606947.8	4201028.22	54659.4974	0.0745	0.0787	0.10946	0.10824	0.05577	0.05588	9.32E-04	4.49E-07	4.80E-07	1.07E-06	1.05E-06	1.95E-07	1.95E-07	9.3482E-04
606967.8	4201028.22	52363.93005	0.08127	0.08601	0.11525	0.11377	0.05506	0.05515	8.93E-04	4.89E-07	5.25E-07	1.13E-06	1.11E-06	1.93E-07	1.93E-07	8.9588E-04
606987.8	4201028.22	50215.07479	0.08917	0.09449	0.12169	0.1199	0.05435	0.05441	8.56E-04	5.37E-07	5.76E-07	1.19E-06	1.17E-06	1.90E-07	1.90E-07	8.5947E-04
607007.8	4201028.22	48205.74598	0.0983	0.10438	0.12886	0.12664	0.05365	0.05368	8.22E-04	5.92E-07	6.37E-07	1.26E-06	1.23E-06	1.88E-07	1.88E-07	8.2547E-04
607027.8	4201028.22	46321.26062	0.10926	0.1161	0.13693	0.13417	0.05293	0.05294	7.90E-04	6.58E-07	7.08E-07	1.34E-06	1.30E-06	1.85E-07	1.85E-07	7.9364E-04
607047.8	4201028.22	44556.10258	0.12223	0.13001	0.14594	0.1425	0.05222	0.0522	7.60E-04	7.36E-07	7.93E-07	1.43E-06	1.39E-06	1.83E-07	1.82E-07	7.6388E-04
607067.8	4201028.22	42900.17303	0.13795	0.14688	0.15612	0.15178	0.0515	0.05146	7.31E-04	8.31E-07	8.96E-07	1.52E-06	1.48E-06	1.80E-07	1.80E-07	7.3604E-04
607087.8	4201028.22	41347.32875	0.15717	0.16748	0.16761	0.16209	0.05079	0.05073	7.05E-04	9.46E-07	1.02E-06	1.64E-06	1.58E-06	1.78E-07	1.77E-07	7.1002E-04
607107.8	4201028.22	39888.01189	0.18119	0.19296	0.18075	0.17365	0.05008	0.05	6.80E-04	1.09E-06	1.18E-06	1.77E-06	1.69E-06	1.75E-07	1.75E-07	6.8569E-04
607127.8	4201028.22	38515.16041	0.21169	0.22513	0.19587	0.18665	0.04937	0.04928	6.57E-04	1.27E-06	1.37E-06	1.91E-06	1.82E-06	1.73E-07	1.72E-07	6.6294E-04
607147.8	4201028.22	37221.95761	0.25144	0.2666	0.21345	0.20132	0.04866	0.04855	6.35E-04	1.51E-06	1.63E-06	2.08E-06	1.96E-06	1.70E-07	1.70E-07	6.4170E-04
607167.8	4201028.22	36003.58545	0.3042	0.32085	0.23387	0.2177	0.04796	0.04784	6.14E-04	1.83E-06	1.96E-06	2.28E-06	2.12E-06	1.68E-07	1.67E-07	6.2194E-04
607187.8	4201028.22	34853.95161	0.3765	0.39358	0.2577	0.2359	0.04727	0.04713	5.94E-04	2.27E-06	2.40E-06	2.52E-06	2.29E-06	1.66E-07	1.65E-07	6.0363E-04
606727.8	4201048.22	85195.7631	0.03259	0.03403	0.07215	0.07224	0.06589	0.0664	1.45E-03	1.96E-07	2.08E-07	7.05E-07	7.03E-07	2.31E-07	2.32E-07	1.4541E-03
606747.8	4201048.22	81784.26146	0.03428	0.03584	0.07478	0.07484	0.06521	0.06567	1.39E-03	2.06E-07	2.19E-07	7.30E-07	7.28E-07	2.28E-07	2.29E-07	1.3960E-03
606767.8	4201048.22	78374.67463	0.03621	0.03791	0.07763	0.07765	0.0645	0.06491	1.34E-03	2.18E-07	2.31E-07	7.58E-07	7.55E-07	2.26E-07	2.27E-07	1.3380E-03
606787.8	4201048.22	75045.44066	0.03825	0.0401	0.08062	0.08061	0.06378	0.06414	1.28E-03	2.30E-07	2.45E-07	7.87E-07	7.84E-07	2.23E-07	2.24E-07	1.2813E-03
606807.8	4201048.22	71802.1142	0.04059	0.0426	0.08386	0.08382	0.06304	0.06335	1.22E-03	2.44E-07	2.60E-07	8.19E-07	8.15E-07	2.21E-07	2.21E-07	1.2261E-03
606827.8	4201048.22	68685.31296	0.04314	0.04534	0.08733	0.08725	0.06229	0.06256	1.17E-03	2.60E-07	2.77E-07	8.53E-07	8.49E-07	2.18E-07	2.19E-07	1.1731E-03
606847.8	4201048.22	65698.03802	0.04605	0.04846	0.09104	0.09061	0.06153	0.06175	1.12E-03	2.77E-07	2.96E-07	8.89E-07	8.81E-07	2.15E-07	2.16E-07	1.1223E-03
606867.8	4201048.22	62862.98743	0.04972	0.05201	0.09403	0.09386	0.06076	0.06094	1.07E-03	2.99E-07	3.17E-07	9.18E-07	9.13E-07	2.13E-07	2.13E-07	1.0741E-03
606887.8	4201048.22	60172.06711	0.05359	0.0563	0.09835	0.09812	0.05998	0.06013	1.03E-03	3.23E-07	3.43E-07	9.60E-07	9.54E-07	2.10E-07	2.10E-07	1.0283E-03
606907.8	4201048.22	57633.23696	0.05766	0.06074	0.10302	0.10268	0.0592	0.05932	9.82E-04	3.47E-07	3.71E-07	1.01E-06	9.99E-07	2.07E-07	2.07E-07	9.8519E-04
606927.8	4201048.22	55232.51532	0.06228	0.06574	0.10815	0.10771	0.05842	0.0585	9.42E-04	3.75E-07	4.01E-07	1.06E-06	1.05E-06	2.05E-07	2.04E-07	9.4442E-04
606947.8	4201048.22	52969.69116	0.06745	0.0713	0.11383	0.11327	0.05763	0.05768	9.03E-04	4.06E-07	4.35E-07	1.11E-06	1.10E-06	2.02E-07	2.02E-07	9.0602E-04
606967.8	4201048.22	50841.0318	0.07325	0.07758	0.12009	0.11939	0.05684	0.05687	8.67E-04	4.41E-07	4.73E-07	1.17E-06	1.16E-06	1.99E-07	1.99E-07	8.6993E-04
606987.8	4201048.22	48834.81209	0.07999	0.08495	0.12712	0.12623	0.05605	0.05605	8.32E-04	4.82E-07	5.18E-07	1.24E-06	1.23E-06	1.96E-07	1.96E-07	8.3595E-04
607007.8	4201048.22	46947.92051	0.08785	0.09355	0.13503	0.13389	0.05526	0.05523	8.00E-04	5.29E-07	5.71E-07	1.32E-06	1.30E-06	1.93E-07	1.93E-07	8.0403E-04
607027.8	4201048.22	45170.90194	0.09716	0.10362	0.14402	0.14252	0.05447	0.05442	7.70E-04	5.85E-07	6.32E-07	1.41E-06	1.39E-06	1.91E-07	1.90E-07	7.7403E-04
607047.8	4201048.22	43499.4814	0.10813	0.11558	0.15418	0.15224	0.05368	0.05361	7.42E-04	6.51E-07	7.05E-07	1.51E-06	1.48E-06	1.88E-07	1.87E-07	7.4587E-04
607067.8	4201048.22	41927.03183	0.12127	0.12996	0.16575	0.16322	0.0529	0.05281	7.15E-04	7.30E-07	7.93E-07	1.62E-06	1.59E-06	1.85E-07	1.85E-07	7.1945E-04
607087.8	4201048.22	40445.96869	0.13734	0.14756	0.17907	0.17575	0.05212	0.05201	6.89E-04	8.27E-07	9.00E-07	1.75E-06	1.71E-06	1.82E-07	1.82E-07	6.9466E-04
607107.8	4201048.22	39051.00642	0.15725	0.16931	0.19455	0.19011	0.05134	0.05122	6.66E-04	9.47E-07	1.03E-06	1.90E-06	1.85E-06	1.80E-07	1.79E-07	6.7142E-04
607127.8	4201048.22	37735.43137	0.18242	0.1968	0.2128	0.2068	0.05057	0.05043	6.43E-04	1.10E-06	1.20E-06	2.08E-06	2.01E-06	1.77E-07	1.76E-07	6.4966E-04
607147.8	4201048.22	36493.64103	0.21508	0.23233	0.23461	0.22635	0.04981	0.04965	6.22E-04	1.30E-06	1.42E-06	2.29E-06	2.20E-06	1.74E-07	1.74E-07	6.2930E-04
607167.8	4201048.22	35319.1814	0.25891	0.27978	0.26126	0.24964	0.04905	0.04888	6.02E-04	1.56E-06	1.71E-06	2.55E-06	2.43E-06	1.72E-07	1.71E-07	6.1032E-04
607187.8	4201048.22	34211.17782	0.31862	0.34397	0.29406	0.2773	0.0483	0.04812	5.83E-04	1.92E-06	2.10E-06	2.87E-06	2.70E-06	1.69E-07	1.68E-07	5.9278E-04
606527.8	4201068.22	102543.579	0.02042	0.02105	0.05361	0.0539	0.07547	0.07666	1.75E-03	1.23E-07	1.28E-07	5.24E-07	5.24E-07	2.64E-07	2.68E-07	1.7493E-03
606547.8	4201068.22	100767.9376	0.02117	0.02184	0.05513	0.05542	0.07501	0.0761	1.72E-03	1.27E-07	1.33E-07	5.38E-07	5.39E-07	2.63E-07	2.66E-07	1.7191E-03
606567.8	4201068.22	98951.78493	0.02198	0.0227	0.05675	0.05705	0.07449	0.07549	1.69E-03	1.32E-07	1.38E-07	5.54E-07	5.55E-07	2.61E-07	2.64E-07	1.6882E-03
606587.8	4201068.22	97099.33716	0.02281	0.02357	0.05843	0.05874	0.07391	0.07483	1.66E-03	1.37E-07	1.44E-07	5.71E-07	5.71E-07	2.59E-07	2.62E-07	1.6567E-03
606607.8	4201068.22	95155.74372	0.02367	0.02448	0.0602	0.06051	0.07331	0.07414	1.62E-03	1.43E-07	1.49E-07	5.88E-07	5.89E-07	2.57E-07	2.59E-07	1.6236E-03
606627.8	4201068.22	93102.299	0.02456	0.02543	0.06206	0.06238	0.07266	0.07342	1.59E-03	1.48E-07	1.55E-07	6.06E-07	6.07E-07	2.54E-07	2.57E-07	1.5886E-03
606647.8	4201068.22	90807.4748	0.0256	0.02652	0.06408	0.06441	0.07197	0.07266	1.55E-03	1.54E-07	1.62E-07	6.26E-07	6.26E-07	2.52E-07	2.54E-07	1.5495E-03
606667.8	4201068.22	88341.88539	0.02662	0.02762	0.06618	0.0665	0.07126	0.07188	1.51E-03	1.60E-07	1.68E-07	6.46E-07	6.47E-07	2.50E-07	2.51E-07	1.5076E-03
606687.8	4201068.22	85674.71744	0.02778	0.02885	0.06844	0.06876	0.07052	0.07107	1.46E-03	1.67E-07	1.76E-07	6.68E-07	6.69E-07	2.47E-07	2.48E-07	1.4622E-03
606707.8	4201068.22	82887.20682	0.02899	0.03014	0.07081	0.07112	0.06976	0.07025	1.41E-03	1.75E-07	1.84E-07	6.92E-07	6.92E-07	2.44E-07	2.45E-07	1.4147E-03
606727.8	4201068.22	79988.07642	0.03036	0.0316	0.07337	0.07367	0.06896	0.0694	1.36E-03	1.83E-07	1.93E-07	7.17E-07	7.16E-07	2.41E-07	2.43E-07	1.3653E-03
606747.8	4201068.22	77034.34592	0.03191	0.03325	0.07613	0.07642	0.06815	0.06853	1.31E-03	1.92E-07	2.03E-07	7.43E-07	7.43E-07	2.39E-07	2.39E-07	1.3151E-03
606767.8	4201068.22	74083.6424	0.03359	0.03504	0.07907	0.07935	0.06732	0.06764	1.26E-03	2.02E-07	2.14E-07	7.72E-07	7.72E-07	2.36E-07	2.36E-07	1.2648E-03
606787.8	4201068.22	71172.00069	0.03542	0.03699	0.0822	0.08247	0.06647	0.06675	1.21E-03	2.13E-07	2.26E-07	8.03E-07	8.02E-07	2.33E-07	2.33E-07	1.2153E-03
606807.8	4201068.22	68315.09114	0.03752	0.03924	0.08563	0.08589	0.06561	0.06584	1.16E-03	2.26E-07	2.39E-07	8.36E-07	8.35E-07	2.30E-07	2.30E-07	1.1667E-03
606827.8	4201068.22	65551.8622	0.03981	0.04169	0.08929	0.08955	0.06474	0.06493	1.12E-03	2.40E-07	2.54E-07	8.72E-07	8.71E-07	2.27E-07	2.27E-07	1.1197E-03
606847.8	4201068.22	62894.41939	0.04232	0.04438	0.09324	0.09333	0.06387	0.06402	1.07E-03	2.55E-07	2.71E-07	9.11E-07	9.08E-07	2.24E-07	2.24E-07	1.0745E-03
606867.8	4201068.22	60347.37803	0.04569	0.04749	0.09655	0.09675	0.06299	0.0631	1.03E-03	2.75E-07	2.90E-07	9.43E-07	9.41E-07	2.21E-07	2.21E-07	1.0312E-03
606887.8	4201068.22	57919.06442	0.04902	0.05137	0.10107	0.10128	0.06211	0.06219	9.87E-04	2.95E-07	3.13E-07	9.87E-07	9.85E-07	2.17E-07	2.17E-07	9.8992E-04
606907.8	4201068.22	55607.14551	0.05266	0.05531	0.10607	0.10626	0.06123	0.06128	9.48E-04	3.17E-07	3.37E-07	1.04E-06	1.03E-06	2.14E-07	2.14E-07	9.5065E-04
606927.8	4201068.22	53409.72717	0.05674	0.05978	0.11152	0.11166	0.06035	0.06036	9.10E-04	3.42E-07	3.65E-07	1.09E-06	1.09E-06	2.11E-07	2.11E-07	9.1335E-04
606947.8	4201068.22	51325.85134	0.06122	0.06457	0.11757	0.11768	0.05947	0.05946	8.75E-04	3.69E-07	3.94E-07	1.15E-06	1.14E-06	2.08E-07	2.08E-07	8.7800E-04
606967.8	4201068.22	49351.81626	0.06628	0.07005	0.12431	0.12437	0.0586	0.05855	8.41E-04	3.99E-07	4.27E-07	1.21E-06	1.21E-06	2.05E-07	2.05E-07	8.4454E-04
606987.8	4201068.22	47482.90971	0.07207	0.07637	0.13183	0.13184	0.05772	0.05765	8.09E-04	4.34E-07	4.66E-07	1.29E-06	1.28E-06	2.02E-07	2.01E-07	8.1290E-04
607007.8	4201068.22	45717.89522	0.07868	0.0836	0.14027	0.1402	0.05685	0.05676	7.79E-04	4.74E-07	5.10E-07	1.37E-06	1.36E-06	1.99E-07	1.98E-07	7.8306E-04
607027.8	4201068.22	44047.70585	0.08646	0.09213	0.14991	0.14973	0.05599	0.05587	7.51E-04	5.21E-07	5.62E-07	1.46E-06	1.46E-06	1.96E-07	1.95E-07	7.5488E-04
607047.8	4201068.22	42466.76385	0.09573	0.10227	0.16101	0.16066	0.05512	0.05499	7.24E-04	5.76E-07	6.24E-07	1.57E-06	1.56E-06	1.93E-07	1.92E-07	7.2826E-04
607067.8	4201068.22	40974.63429	0.10669	0.11432	0.17373	0.17314	0.05426	0.05411	6.98E-04	6.42E-07	6.97E-07	1.70E-06	1.68E-06	1.90E-07	1.89E-07	7.0321E-04
607087.8	4201068.22	39564.71208	0.11991	0.12893	0.18848	0.18757	0.05342	0.05325	6.74E-04	7.22E-07	7.86E-07	1.84E-06	1.82E-06	1.87E-07	1.86E-07	6.7963E-04
607107.8	4201068.22	38231.25007	0.1363	0.14706	0.20589	0.2045	0.05257	0.05239	6.52E-04	8.21E-07	8.97E-07	2.01E-06	1.99E-06	1.84E-07	1.83E-07	6.5744E-04
607127.8	4201068.22	36971.66558	0.15665	0.16965	0.22655	0.22446	0.05174	0.05154	6.30E-04	9.43E-07	1.03E-06	2.21E-06	2.18E-06	1.81E-07	1.80E-07	6.3662E-04
607147.8	4201068.22	35780.07256	0.18269	0.19866	0.25159	0.24843	0.05092	0.05071	6.10E-04	1.10E-06	1.21E-06	2.46E-06	2.42E-06	1.78E-07	1.77E-07	6.1712E-04
607167.8	4201068.22	34651.98983	0.21689	0.23697	0.28266	0.27779	0.0501	0.04988	5.91E-04	1.31E-06	1.45E-06	2.76E-06	2.70E-06	1.75E-07	1.74E-07	5.9892E-04
607187.8	4201068.22	33583.11001	0.26331	0.28924	0.32227	0.31453	0.0493	0.04907	5.72E-04	1.59E-06	1.76E-06	3.15E-06	3.06E-06	1.73E-07	1.71E-07	5.8204E-04
607207.8	4201068.22	32569.69904	0.3289	0.36351	0.37448	0.36178	0.04851	0.04827	5.55E-04	1.98E-06	2.22E-06	3.66E-06	3.52E-06	1.70E-07	1.69E-07	5.6658E-04
607227.8	4201068.22	31608.01741	0.42656	0.47459	0.44631	0.42462	0.04773	0.04748	5.39E-04	2.57E-06	2.90E-06	4.36E-06	4.13E-06	1.67E-07	1.66E-07	5.5277E-04
607247.8	4201068.22	30694.61673	0.58325	0.65243	0.55114	0.51185	0.04695	0.0467	5.23E-04	3.51E-06	3.98E-06	5.38E-06	4.98E-06	1.64E-07	1.63E-07	5.4110E-04
607267.8	4201068.22	29826.10415	0.86426	0.96507	0.7168	0.63975	0.0462	0.04594	5.08E-04	5.20E-06	5.89E-06	7.00E-06	6.22E-06	1.62E-07	1.61E-07	5.3275E-04
607287.8	4201068.22	28999.667	1.45809	1.58626	1.00645	0.83985	0.04545	0.04518	4.94E-04	8.78E-06	9.68E-06	9.83E-06	8.17E-06	1.59E-07	1.58E-07	5.3080E-04
607307.8	4201068.22	28212.74579	3.00598	2.96884	1.53752	1.15462	0.04471	0.04444	4.81E-04	1.81E-05	1.81E-05	1.50E-05	1.12E-05	1.57E-07	1.55E-07	5.4339E-04
606527.8	4201088.22	95485.69963	0.01928	0.01983	0.05404	0.05441	0.08031	0.08142	1.63E-03	1.16E-07	1.21E-07	5.28E-07	5.29E-07	2.81E-07	2.85E-07	1.6290E-03
606547.8	4201088.22	93850.00865	0.01998	0.02056	0.0556	0.05598	0.07965	0.08065	1.60E-03	1.20E-07	1.25E-07	5.43E-07	5.44E-07	2.79E-07	2.82E-07	1.6012E-03
606567.8	4201088.22	92199.3927	0.02069	0.02131	0.05723	0.05762	0.07893	0.07985	1.57E-03	1.25E-07	1.30E-07	5.59E-07	5.60E-07	2.76E-07	2.79E-07	1.5731E-03
606587.8	4201088.22	90487.20005	0.02146	0.02212	0.05896	0.05938	0.07817	0.079	1.54E-03	1.29E-07	1.35E-07	5.76E-07	5.78E-07	2.74E-07	2.76E-07	1.5439E-03
606607.8	4201088.22	88717.47507	0.02224	0.02293	0.06076	0.06119	0.07738	0.07813	1.51E-03	1.34E-07	1.40E-07	5.93E-07	5.95E-07	2.71E-07	2.73E-07	1.5138E-03
606627.8	4201088.22	86849.55824	0.0231	0.02384	0.0627	0.06315	0.07656	0.07722	1.48E-03	1.39E-07	1.45E-07	6.12E-07	6.14E-07	2.68E-07	2.70E-07	1.4820E-03
606647.8	4201088.22	84832.94789	0.024	0.02479	0.06475	0.06521	0.0757	0.07629	1.45E-03	1.45E-07	1.51E-07	6.32E-07	6.34E-07	2.65E-07	2.67E-07	1.4477E-03
606667.8	4201088.22	82651.74363	0.02498	0.02582	0.06693	0.0674	0.07483	0.07535	1.41E-03	1.50E-07	1.58E-07	6.54E-07	6.56E-07	2.62E-07	2.63E-07	1.4106E-03
606687.8	4201088.22	80316.68742	0.02605	0.02696	0.06928	0.06976	0.07393	0.07439	1.37E-03	1.57E-07	1.64E-07	6.77E-07	6.78E-07	2.59E-07	2.60E-07	1.3708E-03
606707.8	4201088.22	77877.43861	0.02721	0.02818	0.07176	0.07225	0.073	0.0734	1.33E-03	1.64E-07	1.72E-07	7.01E-07	7.03E-07	2.56E-07	2.57E-07	1.3293E-03
606727.8	4201088.22	75353.04582	0.02844	0.02949	0.0744	0.07489	0.07207	0.07241	1.28E-03	1.71E-07	1.80E-07	7.27E-07	7.28E-07	2.52E-07	2.53E-07	1.2863E-03
606747.8	4201088.22	72770.52775	0.02987	0.03099	0.07727	0.07777	0.0711	0.07139	1.24E-03	1.80E-07	1.89E-07	7.55E-07	7.56E-07	2.49E-07	2.49E-07	1.2424E-03
606767.8	4201088.22	70182.24719	0.03139	0.03261	0.08032	0.08082	0.07013	0.07037	1.20E-03	1.89E-07	1.99E-07	7.84E-07	7.86E-07	2.46E-07	2.46E-07	1.1983E-03
606787.8	4201088.22	67613.89533	0.03305	0.03437	0.08358	0.0841	0.06916	0.06935	1.15E-03	1.99E-07	2.10E-07	8.16E-07	8.18E-07	2.42E-07	2.42E-07	1.1546E-03
606807.8	4201088.22	65088.90431	0.0349	0.03634	0.08711	0.08764	0.06817	0.06832	1.11E-03	2.10E-07	2.22E-07	8.51E-07	8.52E-07	2.39E-07	2.39E-07	1.1117E-03
606827.8	4201088.22	62628.94569	0.03694	0.0385	0.09092	0.09148	0.06718	0.06729	1.07E-03	2.22E-07	2.35E-07	8.88E-07	8.90E-07	2.35E-07	2.35E-07	1.0699E-03
606847.8	4201088.22	60251.82393	0.03915	0.04085	0.09502	0.09558	0.0662	0.06626	1.03E-03	2.36E-07	2.49E-07	9.28E-07	9.30E-07	2.32E-07	2.32E-07	1.0294E-03
606867.8	4201088.22	57957.37525	0.04216	0.04359	0.09895	0.09926	0.06521	0.06523	9.88E-04	2.54E-07	2.66E-07	9.66E-07	9.65E-07	2.28E-07	2.28E-07	9.9044E-04
606887.8	4201088.22	55760.10873	0.04513	0.0471	0.10343	0.10403	0.06422	0.06422	9.51E-04	2.72E-07	2.87E-07	1.01E-06	1.01E-06	2.25E-07	2.24E-07	9.5311E-04
606907.8	4201088.22	53655.93158	0.04833	0.05051	0.10863	0.1093	0.06324	0.0632	9.15E-04	2.91E-07	3.08E-07	1.06E-06	1.06E-06	2.21E-07	2.21E-07	9.1739E-04
606927.8	4201088.22	51644.20709	0.05199	0.05446	0.11438	0.11506	0.06226	0.06219	8.80E-04	3.13E-07	3.32E-07	1.12E-06	1.12E-06	2.18E-07	2.17E-07	8.8325E-04
606947.8	4201088.22	49726.25668	0.05592	0.05873	0.12077	0.12149	0.06129	0.06119	8.48E-04	3.37E-07	3.58E-07	1.18E-06	1.18E-06	2.15E-07	2.14E-07	8.5073E-04
606967.8	4201088.22	47899.07453	0.06034	0.06349	0.12785	0.12863	0.06032	0.0602	8.17E-04	3.63E-07	3.87E-07	1.25E-06	1.25E-06	2.11E-07	2.10E-07	8.1978E-04
606987.8	4201088.22	46160.90082	0.06534	0.06891	0.13579	0.13663	0.05935	0.05922	7.87E-04	3.93E-07	4.20E-07	1.33E-06	1.33E-06	2.08E-07	2.07E-07	7.9036E-04
607007.8	4201088.22	44509.80948	0.07109	0.07513	0.14473	0.14565	0.0584	0.05824	7.59E-04	4.28E-07	4.58E-07	1.41E-06	1.42E-06	2.04E-07	2.04E-07	7.6247E-04
607027.8	4201088.22	42942.25508	0.07769	0.08233	0.1549	0.15591	0.05746	0.05728	7.32E-04	4.68E-07	5.02E-07	1.51E-06	1.52E-06	2.01E-07	2.00E-07	7.3603E-04
607047.8	4201088.22	41453.49074	0.08548	0.09076	0.16663	0.16773	0.05652	0.05632	7.07E-04	5.15E-07	5.54E-07	1.63E-06	1.63E-06	1.98E-07	1.97E-07	7.1098E-04
607067.8	4201088.22	40041.99123	0.09459	0.10071	0.18014	0.18136	0.05559	0.05538	6.83E-04	5.70E-07	6.14E-07	1.76E-06	1.76E-06	1.95E-07	1.94E-07	6.8730E-04
607087.8	4201088.22	38700.06851	0.10569	0.11287	0.19606	0.19743	0.05467	0.05444	6.60E-04	6.36E-07	6.89E-07	1.91E-06	1.92E-06	1.91E-07	1.90E-07	6.6487E-04
607107.8	4201088.22	37429.82903	0.11905	0.12758	0.21472	0.21625	0.05376	0.05352	6.38E-04	7.17E-07	7.78E-07	2.10E-06	2.10E-06	1.88E-07	1.87E-07	6.4375E-04
607127.8	4201088.22	36224.08293	0.1357	0.14591	0.23717	0.23891	0.05287	0.05262	6.18E-04	8.17E-07	8.90E-07	2.32E-06	2.32E-06	1.85E-07	1.84E-07	6.2385E-04
607147.8	4201088.22	35082.04401	0.15643	0.1689	0.26433	0.26635	0.05198	0.05172	5.98E-04	9.42E-07	1.03E-06	2.58E-06	2.59E-06	1.82E-07	1.81E-07	6.0518E-04
607167.8	4201088.22	33998.25525	0.18307	0.19873	0.29823	0.30052	0.05111	0.05085	5.80E-04	1.10E-06	1.21E-06	2.91E-06	2.92E-06	1.79E-07	1.78E-07	5.8771E-04
607187.8	4201088.22	32969.42046	0.21821	0.23855	0.34172	0.34424	0.05026	0.04998	5.62E-04	1.31E-06	1.46E-06	3.34E-06	3.35E-06	1.76E-07	1.75E-07	5.7148E-04
607207.8	4201088.22	31991.93074	0.2661	0.2937	0.39951	0.40207	0.04941	0.04913	5.45E-04	1.60E-06	1.79E-06	3.90E-06	3.91E-06	1.73E-07	1.72E-07	5.5657E-04
607227.8	4201088.22	31062.9647	0.33423	0.3738	0.47986	0.48202	0.04858	0.04829	5.30E-04	2.01E-06	2.28E-06	4.69E-06	4.69E-06	1.70E-07	1.69E-07	5.4319E-04
607247.8	4201088.22	30179.21459	0.43751	0.4984	0.59894	0.59935	0.04777	0.04747	5.14E-04	2.63E-06	3.04E-06	5.85E-06	5.83E-06	1.67E-07	1.66E-07	5.3181E-04
607267.8	4201088.22	29338.04675	0.61001	0.7135	0.79269	0.78713	0.04696	0.04666	5.00E-04	3.67E-06	4.35E-06	7.74E-06	7.66E-06	1.64E-07	1.63E-07	5.2354E-04
607287.8	4201088.22	28536.69092	0.94341	1.15085	1.15797	1.12953	0.04617	0.04587	4.86E-04	5.68E-06	7.02E-06	1.13E-05	1.10E-05	1.62E-07	1.60E-07	5.2145E-04
607307.8	4201088.22	27772.87986	1.71503	2.29712	2.03513	1.88382	0.0454	0.04509	4.73E-04	1.03E-05	1.40E-05	1.99E-05	1.83E-05	1.59E-07	1.58E-07	5.3597E-04
606527.8	4201108.22	89259.25848	0.01831	0.01878	0.05442	0.05485	0.08529	0.0863	1.52E-03	1.10E-07	1.15E-07	5.31E-07	5.33E-07	2.99E-07	3.02E-07	1.5229E-03
606547.8	4201108.22	87771.56601	0.01892	0.01942	0.05597	0.05642	0.08441	0.08531	1.50E-03	1.14E-07	1.18E-07	5.47E-07	5.49E-07	2.96E-07	2.98E-07	1.4976E-03
606567.8	4201108.22	86246.87438	0.01959	0.02012	0.05763	0.05811	0.08349	0.0843	1.47E-03	1.18E-07	1.23E-07	5.63E-07	5.65E-07	2.92E-07	2.95E-07	1.4716E-03
606587.8	4201108.22	84681.84065	0.02029	0.02085	0.05938	0.05988	0.08254	0.08325	1.44E-03	1.22E-07	1.27E-07	5.80E-07	5.82E-07	2.89E-07	2.91E-07	1.4450E-03
606607.8	4201108.22	83072.00561	0.02105	0.02164	0.06126	0.06179	0.08154	0.08218	1.42E-03	1.27E-07	1.32E-07	5.98E-07	6.01E-07	2.85E-07	2.87E-07	1.4176E-03
606627.8	4201108.22	81358.98373	0.02185	0.02248	0.06324	0.0638	0.08052	0.08108	1.39E-03	1.32E-07	1.37E-07	6.18E-07	6.21E-07	2.82E-07	2.83E-07	1.3884E-03
606647.8	4201108.22	79558.58174	0.02267	0.02334	0.06533	0.06591	0.07948	0.07997	1.36E-03	1.37E-07	1.42E-07	6.38E-07	6.41E-07	2.78E-07	2.79E-07	1.3578E-03
606667.8	4201108.22	77624.57666	0.02358	0.0243	0.06757	0.06817	0.07842	0.07884	1.32E-03	1.42E-07	1.48E-07	6.60E-07	6.63E-07	2.75E-07	2.76E-07	1.3249E-03

606687.8	4201108.22	75571.80884	0.02456	0.02532	0.06997	0.07059	0.07734	0.0777	1.29E-03	1.48E-07	1.54E-07	6.83E-07	6.87E-07	2.71E-07	2.72E-07	1.2899E-03
606707.8	4201108.22	73419.25333	0.02565	0.02647	0.07255	0.07319	0.07627	0.07657	1.25E-03	1.54E-07	1.61E-07	7.08E-07	7.12E-07	2.67E-07	2.68E-07	1.2533E-03
606727.8	4201108.22	71197.37628	0.0268	0.02767	0.07527	0.07593	0.07517	0.07541	1.21E-03	1.61E-07	1.69E-07	7.35E-07	7.38E-07	2.63E-07	2.64E-07	1.2155E-03
606747.8	4201108.22	68928.4481	0.02807	0.02901	0.0782	0.07887	0.07406	0.07425	1.18E-03	1.69E-07	1.77E-07	7.64E-07	7.67E-07	2.59E-07	2.59E-07	1.1769E-03
606767.8	4201108.22	66633.59498	0.0295	0.03052	0.08137	0.08207	0.07295	0.07309	1.14E-03	1.78E-07	1.86E-07	7.95E-07	7.98E-07	2.55E-07	2.55E-07	1.1378E-03
606787.8	4201108.22	64355.71726	0.03101	0.0321	0.08472	0.08545	0.07183	0.07193	1.10E-03	1.87E-07	1.96E-07	8.27E-07	8.31E-07	2.51E-07	2.51E-07	1.0991E-03
606807.8	4201108.22	62107.14064	0.03267	0.03385	0.08834	0.08911	0.07072	0.07077	1.06E-03	1.97E-07	2.06E-07	8.63E-07	8.67E-07	2.48E-07	2.47E-07	1.0609E-03
606827.8	4201108.22	59904.30813	0.03451	0.03578	0.09227	0.09309	0.0696	0.06962	1.02E-03	2.08E-07	2.18E-07	9.01E-07	9.05E-07	2.44E-07	2.43E-07	1.0234E-03
606847.8	4201108.22	57764.0914	0.03651	0.0379	0.09652	0.09737	0.06849	0.06847	9.85E-04	2.20E-07	2.31E-07	9.43E-07	9.47E-07	2.40E-07	2.39E-07	9.8703E-04
606867.8	4201108.22	55695.36813	0.03874	0.04025	0.10083	0.10156	0.06739	0.06734	9.49E-04	2.33E-07	2.46E-07	9.85E-07	9.88E-07	2.36E-07	2.35E-07	9.5188E-04
606887.8	4201108.22	53700.227	0.04175	0.04326	0.10538	0.10636	0.0663	0.06621	9.15E-04	2.51E-07	2.64E-07	1.03E-06	1.03E-06	2.32E-07	2.31E-07	9.1800E-04
606907.8	4201108.22	51778.46354	0.04477	0.04653	0.11081	0.11188	0.06521	0.06509	8.83E-04	2.70E-07	2.84E-07	1.08E-06	1.09E-06	2.28E-07	2.27E-07	8.8538E-04
606927.8	4201108.22	49934.62454	0.04807	0.05006	0.11682	0.11797	0.06412	0.06398	8.51E-04	2.89E-07	3.05E-07	1.14E-06	1.15E-06	2.25E-07	2.24E-07	8.5411E-04
606947.8	4201108.22	48169.8006	0.05156	0.05382	0.12348	0.12474	0.06305	0.06289	8.21E-04	3.10E-07	3.28E-07	1.21E-06	1.21E-06	2.21E-07	2.20E-07	8.2420E-04
606967.8	4201108.22	46481.58207	0.05544	0.05796	0.13086	0.13225	0.06199	0.06181	7.92E-04	3.34E-07	3.54E-07	1.28E-06	1.29E-06	2.17E-07	2.16E-07	7.9561E-04
606987.8	4201108.22	44868.84012	0.05982	0.06261	0.13909	0.14067	0.06095	0.06074	7.65E-04	3.60E-07	3.82E-07	1.36E-06	1.37E-06	2.13E-07	2.12E-07	7.6834E-04
607007.8	4201108.22	43328.02436	0.06482	0.06798	0.14843	0.15018	0.05991	0.05968	7.39E-04	3.90E-07	4.15E-07	1.45E-06	1.46E-06	2.10E-07	2.09E-07	7.4232E-04
607027.8	4201108.22	41858.72137	0.07057	0.07417	0.15901	0.16102	0.05888	0.05864	7.14E-04	4.25E-07	4.52E-07	1.55E-06	1.57E-06	2.06E-07	2.05E-07	7.1755E-04
607047.8	4201108.22	40457.47033	0.07729	0.08132	0.17126	0.17358	0.05787	0.05761	6.90E-04	4.65E-07	4.96E-07	1.67E-06	1.69E-06	2.03E-07	2.01E-07	6.9399E-04
607067.8	4201108.22	39121.98738	0.08518	0.08978	0.18551	0.18822	0.05687	0.0566	6.67E-04	5.13E-07	5.48E-07	1.81E-06	1.83E-06	1.99E-07	1.98E-07	6.7161E-04
607087.8	4201108.22	37851.70956	0.09451	0.09981	0.2021	0.20533	0.05588	0.0556	6.45E-04	5.69E-07	6.09E-07	1.97E-06	2.00E-06	1.96E-07	1.94E-07	6.5040E-04
607107.8	4201108.22	36642.3143	0.10581	0.11197	0.22176	0.22567	0.05491	0.05461	6.25E-04	6.37E-07	6.83E-07	2.17E-06	2.19E-06	1.92E-07	1.91E-07	6.3032E-04
607127.8	4201108.22	35492.46804	0.11959	0.1268	0.2453	0.25016	0.05395	0.05365	6.05E-04	7.20E-07	7.73E-07	2.40E-06	2.43E-06	1.89E-07	1.87E-07	6.1136E-04
607147.8	4201108.22	34397.96316	0.13673	0.14534	0.27407	0.28027	0.05301	0.05269	5.86E-04	8.23E-07	8.87E-07	2.68E-06	2.73E-06	1.86E-07	1.84E-07	5.9349E-04
607167.8	4201108.22	33358.09381	0.15807	0.16866	0.30976	0.31786	0.05208	0.05176	5.69E-04	9.52E-07	1.03E-06	3.03E-06	3.09E-06	1.82E-07	1.81E-07	5.7675E-04
607187.8	4201108.22	32368.81476	0.18544	0.1989	0.35552	0.3664	0.05117	0.05085	5.52E-04	1.12E-06	1.21E-06	3.47E-06	3.56E-06	1.79E-07	1.78E-07	5.6115E-04
607207.8	4201108.22	31426.93462	0.2214	0.23923	0.41617	0.43133	0.05028	0.04995	5.36E-04	1.33E-06	1.46E-06	4.06E-06	4.20E-06	1.76E-07	1.75E-07	5.4678E-04
607227.8	4201108.22	30530.00493	0.27029	0.29506	0.50008	0.52233	0.0494	0.04907	5.20E-04	1.63E-06	1.80E-06	4.88E-06	5.08E-06	1.73E-07	1.71E-07	5.3383E-04
607247.8	4201108.22	29675.44639	0.34025	0.37668	0.62316	0.65811	0.04854	0.0482	5.06E-04	2.05E-06	2.30E-06	6.09E-06	6.40E-06	1.70E-07	1.68E-07	5.2270E-04
607267.8	4201108.22	28860.92475	0.44835	0.50629	0.81929	0.88012	0.04769	0.04735	4.92E-04	2.70E-06	3.09E-06	8.00E-06	8.56E-06	1.67E-07	1.65E-07	5.1434E-04
607287.8	4201108.22	28084.09119	0.63381	0.73976	1.17287	1.29618	0.04686	0.04652	4.79E-04	3.82E-06	4.51E-06	1.15E-05	1.26E-05	1.64E-07	1.63E-07	5.1113E-04
607307.8	4201108.22	27342.53209	0.97654	1.23148	1.93063	2.23698	0.04605	0.0457	4.66E-04	5.88E-06	7.51E-06	1.89E-05	2.18E-05	1.61E-07	1.60E-07	5.2011E-04
606527.8	4201128.22	83759.88554	0.01744	0.01784	0.05469	0.05518	0.09041	0.09129	1.43E-03	1.05E-07	1.09E-07	5.34E-07	5.37E-07	3.17E-07	3.19E-07	1.4291E-03
606547.8	4201128.22	82374.63131	0.01803	0.01846	0.05629	0.05681	0.08929	0.09005	1.40E-03	1.09E-07	1.13E-07	5.50E-07	5.53E-07	3.13E-07	3.15E-07	1.4055E-03
606567.8	4201128.22	80968.40422	0.01865	0.01911	0.05798	0.05852	0.08812	0.08881	1.38E-03	1.12E-07	1.17E-07	5.66E-07	5.69E-07	3.09E-07	3.10E-07	1.3816E-03
606587.8	4201128.22	79531.23862	0.01929	0.01977	0.05974	0.06032	0.08695	0.08754	1.36E-03	1.16E-07	1.21E-07	5.83E-07	5.87E-07	3.04E-07	3.06E-07	1.3572E-03
606607.8	4201128.22	78058.22131	0.02	0.0205	0.06165	0.06225	0.08574	0.08626	1.33E-03	1.20E-07	1.25E-07	6.02E-07	6.05E-07	3.00E-07	3.01E-07	1.3321E-03
606627.8	4201128.22	76501.62533	0.02075	0.02128	0.06367	0.06431	0.08453	0.08495	1.30E-03	1.25E-07	1.30E-07	6.22E-07	6.25E-07	2.96E-07	2.97E-07	1.3056E-03
606647.8	4201128.22	74881.88746	0.02151	0.02208	0.06579	0.06646	0.08329	0.08365	1.28E-03	1.30E-07	1.35E-07	6.42E-07	6.46E-07	2.92E-07	2.92E-07	1.2781E-03
606667.8	4201128.22	73152.85189	0.02237	0.02297	0.06809	0.0688	0.08204	0.08234	1.25E-03	1.35E-07	1.40E-07	6.65E-07	6.69E-07	2.87E-07	2.88E-07	1.2486E-03
606687.8	4201128.22	71325.83296	0.02331	0.02396	0.07058	0.07132	0.08078	0.08102	1.22E-03	1.40E-07	1.46E-07	6.89E-07	6.94E-07	2.83E-07	2.83E-07	1.2175E-03
606707.8	4201128.22	69415.3701	0.02433	0.02501	0.07323	0.07399	0.07953	0.07972	1.18E-03	1.47E-07	1.53E-07	7.15E-07	7.20E-07	2.78E-07	2.79E-07	1.1850E-03
606727.8	4201128.22	67445.6692	0.0254	0.02613	0.07602	0.07681	0.07827	0.0784	1.15E-03	1.53E-07	1.59E-07	7.42E-07	7.47E-07	2.74E-07	2.74E-07	1.1515E-03
606747.8	4201128.22	65432.40442	0.02659	0.02737	0.07903	0.07985	0.077	0.07708	1.12E-03	1.60E-07	1.67E-07	7.72E-07	7.77E-07	2.70E-07	2.69E-07	1.1173E-03
606767.8	4201128.22	63391.98978	0.0279	0.02874	0.08227	0.08312	0.07574	0.07577	1.08E-03	1.68E-07	1.75E-07	8.03E-07	8.08E-07	2.65E-07	2.65E-07	1.0826E-03
606787.8	4201128.22	61359.74864	0.02927	0.03017	0.08569	0.08659	0.07448	0.07447	1.05E-03	1.76E-07	1.84E-07	8.37E-07	8.42E-07	2.61E-07	2.60E-07	1.0480E-03
606807.8	4201128.22	59347.87401	0.03076	0.03173	0.08937	0.09032	0.07323	0.07319	1.01E-03	1.85E-07	1.94E-07	8.73E-07	8.78E-07	2.56E-07	2.56E-07	1.0138E-03
606827.8	4201128.22	57367.46189	0.03242	0.03346	0.09337	0.0944	0.07199	0.07191	9.78E-04	1.95E-07	2.04E-07	9.12E-07	9.18E-07	2.52E-07	2.51E-07	9.8016E-04
606847.8	4201128.22	55429.34371	0.03429	0.03541	0.09777	0.09889	0.07075	0.07064	9.45E-04	2.06E-07	2.16E-07	9.55E-07	9.62E-07	2.48E-07	2.47E-07	9.4723E-04
606867.8	4201128.22	53552.38629	0.03627	0.03754	0.10227	0.10317	0.06953	0.06939	9.13E-04	2.18E-07	2.29E-07	9.99E-07	1.00E-06	2.43E-07	2.42E-07	9.1535E-04
606887.8	4201128.22	51733.301	0.03913	0.04034	0.10709	0.10837	0.06832	0.06815	8.82E-04	2.36E-07	2.46E-07	1.05E-06	1.05E-06	2.39E-07	2.38E-07	8.8447E-04
606907.8	4201128.22	49980.69694	0.04175	0.04314	0.11266	0.11407	0.06713	0.06693	8.52E-04	2.51E-07	2.63E-07	1.10E-06	1.11E-06	2.35E-07	2.34E-07	8.5474E-04
606927.8	4201128.22	48289.37942	0.04471	0.04627	0.11886	0.12043	0.06595	0.06572	8.23E-04	2.69E-07	2.82E-07	1.16E-06	1.17E-06	2.31E-07	2.30E-07	8.2606E-04
606947.8	4201128.22	46662.95059	0.04794	0.04975	0.12573	0.12743	0.06478	0.06453	7.95E-04	2.89E-07	3.03E-07	1.23E-06	1.24E-06	2.27E-07	2.26E-07	7.9851E-04
606967.8	4201128.22	45101.00746	0.05147	0.05343	0.1334	0.1353	0.06362	0.06336	7.69E-04	3.10E-07	3.26E-07	1.30E-06	1.32E-06	2.23E-07	2.21E-07	7.7208E-04
606987.8	4201128.22	43602.23995	0.05542	0.05757	0.14198	0.14415	0.06249	0.0622	7.43E-04	3.34E-07	3.51E-07	1.39E-06	1.40E-06	2.19E-07	2.17E-07	7.4675E-04
607007.8	4201128.22	42166.39193	0.05987	0.06229	0.15164	0.15408	0.06136	0.06106	7.19E-04	3.61E-07	3.80E-07	1.48E-06	1.50E-06	2.15E-07	2.13E-07	7.2252E-04
607027.8	4201128.22	40791.92875	0.06497	0.06767	0.16258	0.16536	0.06026	0.05995	6.95E-04	3.91E-07	4.13E-07	1.59E-06	1.61E-06	2.11E-07	2.10E-07	6.9937E-04
607047.8	4201128.22	39475.30087	0.07093	0.0739	0.17527	0.17851	0.05917	0.05884	6.73E-04	4.27E-07	4.51E-07	1.71E-06	1.74E-06	2.07E-07	2.06E-07	6.7725E-04
607067.8	4201128.22	38216.72821	0.07787	0.08118	0.18999	0.19382	0.05809	0.05776	6.51E-04	4.69E-07	4.95E-07	1.86E-06	1.89E-06	2.03E-07	2.02E-07	6.5618E-04
607087.8	4201128.22	37013.12917	0.08614	0.08986	0.20731	0.21191	0.05704	0.05669	6.31E-04	5.19E-07	5.48E-07	2.02E-06	2.06E-06	2.00E-07	1.98E-07	6.3611E-04
607107.8	4201128.22	35866.64147	0.09588	0.10011	0.22764	0.23324	0.056	0.05565	6.11E-04	5.77E-07	6.11E-07	2.22E-06	2.27E-06	1.96E-07	1.94E-07	6.1709E-04
607127.8	4201128.22	34771.08371	0.10777	0.11259	0.25215	0.25917	0.05498	0.05462	5.93E-04	6.49E-07	6.87E-07	2.46E-06	2.52E-06	1.93E-07	1.91E-07	5.9905E-04
607147.8	4201128.22	33725.72562	0.12229	0.12793	0.28205	0.29109	0.05398	0.05362	5.75E-04	7.36E-07	7.80E-07	2.75E-06	2.83E-06	1.89E-07	1.87E-07	5.8202E-04
607167.8	4201128.22	32729.81876	0.14003	0.14686	0.31917	0.33111	0.053	0.05263	5.58E-04	8.43E-07	8.96E-07	3.12E-06	3.22E-06	1.86E-07	1.84E-07	5.6602E-04
607187.8	4201128.22	31779.70515	0.16221	0.17079	0.36673	0.383	0.05204	0.05167	5.42E-04	9.77E-07	1.04E-06	3.58E-06	3.72E-06	1.82E-07	1.81E-07	5.5107E-04
607207.8	4201128.22	30873.09771	0.19045	0.20172	0.42971	0.45279	0.0511	0.05072	5.26E-04	1.15E-06	1.23E-06	4.20E-06	4.40E-06	1.79E-07	1.77E-07	5.3727E-04
607227.8	4201128.22	30008.10449	0.22744	0.24295	0.51667	0.55117	0.05017	0.04979	5.12E-04	1.37E-06	1.48E-06	5.05E-06	5.36E-06	1.76E-07	1.74E-07	5.2480E-04
607247.8	4201128.22	29182.60335	0.278	0.30054	0.64378	0.69901	0.04926	0.04888	4.97E-04	1.67E-06	1.83E-06	6.29E-06	6.80E-06	1.72E-07	1.71E-07	5.1406E-04
607267.8	4201128.22	28394.43073	0.35113	0.38671	0.84488	0.94262	0.04838	0.048	4.84E-04	2.11E-06	2.36E-06	8.25E-06	9.17E-06	1.69E-07	1.68E-07	5.0593E-04
607287.8	4201128.22	27641.45372	0.46313	0.52774	1.20172	1.40259	0.04751	0.04713	4.71E-04	2.79E-06	3.22E-06	1.17E-05	1.36E-05	1.66E-07	1.65E-07	5.0258E-04
607307.8	4201128.22	26921.59283	0.63308	0.7709	1.93945	2.44029	0.04665	0.04627	4.59E-04	3.81E-06	4.70E-06	1.89E-05	2.37E-05	1.63E-07	1.62E-07	5.1012E-04
606527.8	4201148.22	78848.91934	0.01669	0.01704	0.05494	0.05548	0.09561	0.09635	1.34E-03	1.00E-07	1.04E-07	5.37E-07	5.40E-07	3.35E-07	3.37E-07	1.3454E-03
606547.8	4201148.22	77559.49903	0.01724	0.01761	0.05655	0.05712	0.09423	0.09487	1.32E-03	1.04E-07	1.07E-07	5.52E-07	5.56E-07	3.30E-07	3.32E-07	1.3235E-03
606567.8	4201148.22	76269.61526	0.01782	0.01821	0.05825	0.05885	0.09283	0.09336	1.30E-03	1.07E-07	1.11E-07	5.69E-07	5.72E-07	3.25E-07	3.26E-07	1.3015E-03
606587.8	4201148.22	74937.28892	0.01844	0.01885	0.06005	0.06069	0.09141	0.09185	1.28E-03	1.11E-07	1.15E-07	5.86E-07	5.90E-07	3.20E-07	3.21E-07	1.2788E-03
606607.8	4201148.22	73583.26952	0.01909	0.01953	0.06198	0.06265	0.08998	0.09035	1.25E-03	1.15E-07	1.19E-07	6.05E-07	6.09E-07	3.15E-07	3.16E-07	1.2558E-03
606627.8	4201148.22	72172.80716	0.01976	0.02022	0.06398	0.06469	0.08855	0.08884	1.23E-03	1.19E-07	1.23E-07	6.25E-07	6.29E-07	3.10E-07	3.10E-07	1.2318E-03
606647.8	4201148.22	70694.72975	0.02053	0.02101	0.06619	0.06694	0.08711	0.08733	1.21E-03	1.24E-07	1.28E-07	6.46E-07	6.51E-07	3.05E-07	3.05E-07	1.2067E-03
606667.8	4201148.22	69138.70221	0.02134	0.02185	0.06854	0.06934	0.08566	0.08583	1.18E-03	1.28E-07	1.33E-07	6.69E-07	6.74E-07	3.00E-07	3.00E-07	1.1802E-03
606687.8	4201148.22	67504.98804	0.02222	0.02277	0.07108	0.07191	0.08421	0.08432	1.15E-03	1.34E-07	1.39E-07	6.94E-07	6.99E-07	2.95E-07	2.95E-07	1.1524E-03
606707.8	4201148.22	65800.46553	0.02317	0.02375	0.07378	0.07465	0.08278	0.08284	1.12E-03	1.40E-07	1.45E-07	7.21E-07	7.26E-07	2.90E-07	2.89E-07	1.1234E-03
606727.8	4201148.22	64039.72828	0.02422	0.02483	0.07668	0.07758	0.08134	0.08135	1.09E-03	1.46E-07	1.51E-07	7.49E-07	7.55E-07	2.85E-07	2.84E-07	1.0935E-03
606747.8	4201148.22	62242.73061	0.02531	0.02597	0.07973	0.08068	0.07991	0.07987	1.06E-03	1.52E-07	1.58E-07	7.79E-07	7.85E-07	2.80E-07	2.79E-07	1.0629E-03
606767.8	4201148.22	60429.1919	0.02646	0.02716	0.08296	0.08395	0.0785	0.07842	1.03E-03	1.59E-07	1.66E-07	8.10E-07	8.16E-07	2.75E-07	2.74E-07	1.0321E-03
606787.8	4201148.22	58601.37682	0.02776	0.02851	0.08647	0.08752	0.07709	0.07698	9.99E-04	1.67E-07	1.74E-07	8.44E-07	8.51E-07	2.70E-07	2.69E-07	1.0010E-03
606807.8	4201148.22	56787.75662	0.02915	0.02995	0.09023	0.09134	0.07571	0.07555	9.68E-04	1.76E-07	1.83E-07	8.81E-07	8.88E-07	2.65E-07	2.64E-07	9.7018E-04
606827.8	4201148.22	54996.68626	0.03069	0.03154	0.09432	0.09552	0.07433	0.07414	9.38E-04	1.85E-07	1.92E-07	9.21E-07	9.29E-07	2.60E-07	2.59E-07	9.3975E-04
606847.8	4201148.22	53241.62303	0.03238	0.03329	0.09877	0.10008	0.07297	0.07275	9.08E-04	1.95E-07	2.03E-07	9.65E-07	9.73E-07	2.55E-07	2.54E-07	9.0994E-04
606867.8	4201148.22	51527.99919	0.03427	0.03529	0.10338	0.10452	0.07162	0.07138	8.78E-04	2.06E-07	2.15E-07	1.01E-06	1.02E-06	2.51E-07	2.49E-07	8.8084E-04
606887.8	4201148.22	49868.7276	0.03678	0.03744	0.10856	0.11005	0.0703	0.07003	8.50E-04	2.21E-07	2.28E-07	1.06E-06	1.07E-06	2.46E-07	2.45E-07	8.5268E-04
606907.8	4201148.22	48259.43017	0.03935	0.04043	0.11423	0.11592	0.069	0.06871	8.23E-04	2.37E-07	2.47E-07	1.12E-06	1.13E-06	2.42E-07	2.40E-07	8.2540E-04
606927.8	4201148.22	46704.38218	0.04206	0.04329	0.1206	0.12248	0.06771	0.0674	7.96E-04	2.53E-07	2.64E-07	1.18E-06	1.19E-06	2.37E-07	2.36E-07	7.9905E-04
606947.8	4201148.22	45203.45796	0.04503	0.04645	0.12768	0.12974	0.06644	0.06611	7.71E-04	2.71E-07	2.83E-07	1.25E-06	1.26E-06	2.33E-07	2.31E-07	7.7364E-04
606967.8	4201148.22	43756.58013	0.04829	0.0498	0.13563	0.13794	0.06519	0.06485	7.46E-04	2.91E-07	3.04E-07	1.32E-06	1.34E-06	2.28E-07	2.27E-07	7.4917E-04
606987.8	4201148.22	42364.20895	0.05189	0.05357	0.14453	0.14713	0.06396	0.06361	7.22E-04	3.12E-07	3.27E-07	1.41E-06	1.43E-06	2.24E-07	2.22E-07	7.2566E-04
607007.8	4201148.22	41026.78595	0.05596	0.05778	0.15449	0.15744	0.06276	0.06239	6.99E-04	3.37E-07	3.52E-07	1.51E-06	1.53E-06	2.20E-07	2.18E-07	7.0311E-04
607027.8	4201148.22	39742.85348	0.06056	0.06256	0.16573	0.16912	0.06157	0.06119	6.77E-04	3.65E-07	3.82E-07	1.62E-06	1.64E-06	2.16E-07	2.14E-07	6.8150E-04
607047.8	4201148.22	38508.41473	0.06595	0.06809	0.17877	0.1827	0.06041	0.06002	6.56E-04	3.97E-07	4.15E-07	1.75E-06	1.78E-06	2.12E-07	2.10E-07	6.6078E-04
607067.8	4201148.22	37324.56701	0.07219	0.07452	0.19388	0.19851	0.05927	0.05887	6.36E-04	4.35E-07	4.55E-07	1.89E-06	1.93E-06	2.08E-07	2.06E-07	6.4098E-04
607087.8	4201148.22	36188.12382	0.07961	0.08217	0.2117	0.21725	0.05814	0.05774	6.17E-04	4.79E-07	5.01E-07	2.07E-06	2.11E-06	2.04E-07	2.02E-07	6.2205E-04
607107.8	4201148.22	35100.63137	0.08838	0.09123	0.23278	0.23952	0.05704	0.05663	5.98E-04	5.32E-07	5.57E-07	2.27E-06	2.33E-06	2.00E-07	1.98E-07	6.0405E-04
607127.8	4201148.22	34058.79077	0.0989	0.10211	0.25819	0.2666	0.05596	0.05555	5.81E-04	5.96E-07	6.23E-07	2.52E-06	2.59E-06	1.96E-07	1.94E-07	5.8693E-04
607147.8	4201148.22	33063.4357	0.1114	0.11515	0.28897	0.29975	0.05491	0.05449	5.64E-04	6.71E-07	7.02E-07	2.82E-06	2.92E-06	1.92E-07	1.90E-07	5.7074E-04
607167.8	4201148.22	32111.12649	0.12648	0.13107	0.32739	0.34158	0.05387	0.05345	5.47E-04	7.62E-07	8.00E-07	3.20E-06	3.32E-06	1.89E-07	1.87E-07	5.5547E-04
607187.8	4201148.22	31200.21907	0.14487	0.15074	0.37665	0.39596	0.05286	0.05244	5.32E-04	8.72E-07	9.20E-07	3.68E-06	3.85E-06	1.85E-07	1.83E-07	5.4119E-04
607207.8	4201148.22	30329.05505	0.16759	0.17548	0.44192	0.46932	0.05187	0.05145	5.17E-04	1.01E-06	1.07E-06	4.32E-06	4.56E-06	1.82E-07	1.80E-07	5.2797E-04
607227.8	4201148.22	29495.90812	0.19633	0.20743	0.53207	0.57313	0.0509	0.05047	5.03E-04	1.18E-06	1.27E-06	5.20E-06	5.57E-06	1.78E-07	1.76E-07	5.1603E-04
607247.8	4201148.22	28699.23394	0.23389	0.25038	0.66377	0.72984	0.04995	0.04953	4.89E-04	1.41E-06	1.53E-06	6.48E-06	7.10E-06	1.75E-07	1.73E-07	5.0575E-04
607267.8	4201148.22	27937.03265	0.28468	0.31105	0.87134	0.98918	0.04902	0.0486	4.76E-04	1.71E-06	1.90E-06	8.51E-06	9.62E-06	1.72E-07	1.70E-07	4.9798E-04
607287.8	4201148.22	27207.83009	0.3548	0.40019	1.23508	1.47896	0.04811	0.04769	4.64E-04	2.14E-06	2.44E-06	1.21E-05	1.44E-05	1.68E-07	1.67E-07	4.9483E-04
607307.8	4201148.22	26507.94422	0.45058	0.53166	1.97295	2.57589	0.04722	0.0468	4.52E-04	2.71E-06	3.24E-06	1.93E-05	2.51E-05	1.65E-07	1.64E-07	5.0215E-04
606527.8	4201168.22	74450.43151	0.01602	0.01632	0.05513	0.05572	0.1009	0.10145	1.27E-03	9.65E-08	9.96E-08	5.38E-07	5.42E-07	3.53E-07	3.55E-07	1.2704E-03
606547.8	4201168.22	73257.10793	0.01653	0.01686	0.05675	0.05737	0.09923	0.0997	1.25E-03	9.95E-08	1.03E-07	5.54E-07	5.58E-07	3.47E-07	3.48E-07	1.2501E-03
606567.8	4201168.22	72058.55315	0.01708	0.01742	0.05845	0.0591	0.09757	0.09795	1.23E-03	1.03E-07	1.06E-07	5.71E-07	5.75E-07	3.42E-07	3.42E-07	1.2297E-03
606587.8	4201168.22	70824.64568	0.01766	0.01802	0.06028	0.06096	0.0959	0.09619	1.21E-03	1.06E-07	1.10E-07	5.89E-07	5.93E-07	3.36E-07	3.36E-07	1.2087E-03
606607.8	4201168.22	69575.7711	0.01828	0.01865	0.06221	0.06294	0.09423	0.09444	1.19E-03	1.10E-07	1.14E-07	6.08E-07	6.12E-07	3.30E-07	3.30E-07	1.1875E-03
606627.8	4201168.22	68279.1385	0.01892	0.01932	0.06425	0.06502	0.09256	0.09271	1.16E-03	1.14E-07	1.18E-07	6.27E-07	6.32E-07	3.24E-07	3.24E-07	1.1654E-03
606647.8	4201168.22	66931.75318	0.01965	0.02006	0.06649	0.06731	0.0909	0.09099	1.14E-03	1.18E-07	1.22E-07	6.49E-07	6.55E-07	3.18E-07	3.18E-07	1.1425E-03
606667.8	4201168.22	65521.26691	0.02043	0.02087	0.06889	0.06976	0.08925	0.08928	1.12E-03	1.23E-07	1.27E-07	6.73E-07	6.78E-07	3.12E-07	3.12E-07	1.1185E-03
606687.8	4201168.22	64053.32769	0.02125	0.02171	0.07144	0.07236	0.08761	0.08759	1.09E-03	1.28E-07	1.32E-07	6.98E-07	7.04E-07	3.07E-07	3.06E-07	1.0936E-03
606707.8	4201168.22	62516.37646	0.02217	0.02266	0.07423	0.07519	0.08599	0.08592	1.07E-03	1.33E-07	1.38E-07	7.25E-07	7.31E-07	3.01E-07	3.00E-07	1.0674E-03
606727.8	4201168.22	60933.55971	0.02318	0.0237	0.07721	0.07822	0.08437	0.08425	1.04E-03	1.40E-07	1.45E-07	7.54E-07	7.61E-07	2.95E-07	2.94E-07	1.0405E-03
606747.8	4201168.22	59320.84526	0.02421	0.02476	0.08032	0.08137	0.08277	0.08261	1.01E-03	1.46E-07	1.51E-07	7.84E-07	7.91E-07	2.90E-07	2.89E-07	1.0131E-03
606767.8	4201168.22	57687.67802	0.02532	0.0259	0.08363	0.08473	0.0812	0.081	9.83E-04	1.52E-07	1.58E-07	8.17E-07	8.24E-07	2.84E-07	2.83E-07	9.8534E-04
606787.8	4201168.22	56044.53034	0.02651	0.02713	0.08717	0.08833	0.07965	0.07942	9.55E-04	1.60E-07	1.65E-07	8.51E-07	8.59E-07	2.79E-07	2.78E-07	9.5742E-04
606807.8	4201168.22	54403.74655	0.02782	0.02847	0.091	0.09223	0.07812	0.07785	9.27E-04	1.68E-07	1.74E-07	8.89E-07	8.97E-07	2.74E-07	2.72E-07	9.2954E-04
606827.8	4201168.22	52781.9888	0.02923	0.02992	0.09511	0.09645	0.07661	0.07632	9.00E-04	1.76E-07	1.83E-07	9.29E-07	9.38E-07	2.68E-07	2.67E-07	9.0199E-04
606847.8	4201168.22	51184.22056	0.03081	0.03154	0.09963	0.10108	0.07512	0.0748	8.73E-04	1.86E-07	1.92E-07	9.73E-07	9.83E-07	2.63E-07	2.61E-07	8.7486E-04
606867.8	4201168.22	49618.09171	0.03258	0.0334	0.10434	0.10568	0.07366	0.07331	8.46E-04	1.96E-07	2.04E-07	1.02E-06	1.03E-06	2.58E-07	2.56E-07	8.4828E-04
606887.8	4201168.22	48094.9025	0.03503	0.03577	0.10971	0.11143	0.07222	0.07185	8.20E-04	2.11E-07	2.18E-07	1.07E-06	1.08E-06	2.53E-07	2.51E-07	8.2245E-04
606907.8	4201168.22	46614.84523	0.03742	0.03828	0.11556	0.11747	0.0708	0.07042	7.95E-04	2.25E-07	2.34E-07	1.13E-06	1.14E-06	2.48E-07	2.46E-07	7.9736E-04
606927.8	4201168.22	45179.60482	0.04001	0.04099	0.12208	0.12418	0.0694	0.06901	7.70E-04	2.41E-07	2.50E-07	1.19E-06	1.21E-06	2.43E-07	2.41E-07	7.7306E-04
606947.8	4201168.22	43794.19851	0.04267	0.04377	0.12936	0.13171	0.06804	0.06763	7.47E-04	2.57E-07	2.67E-07	1.26E-06	1.28E-06	2.38E-07	2.36E-07	7.4962E-04
606967.8	4201168.22	42454.73996	0.04564	0.04682	0.13751	0.14015	0.0667	0.06628	7.24E-04	2.75E-07	2.86E-07	1.34E-06	1.36E-06	2.34E-07	2.32E-07	7.2698E-04
606987.8	4201168.22	41162.09826	0.04897	0.05023	0.14663	0.1496	0.06538	0.06495	7.02E-04	2.95E-07	3.06E-07	1.43E-06	1.45E-06	2.29E-07	2.27E-07	7.0517E-04
607007.8	4201168.22	39915.84061	0.05271	0.05408	0.15685	0.16021	0.0641	0.06365	6.80E-04	3.17E-07	3.30E-07	1.53E-06	1.56E-06	2.24E-07	2.22E-07	6.8417E-04
607027.8	4201168.22	38715.43431	0.05699	0.05845	0.16844	0.17227	0.06283	0.06238	6.60E-04	3.43E-07	3.57E-07	1.64E-06	1.68E-06	2.20E-07	2.18E-07	6.6399E-04
607047.8	4201168.22	37556.23793	0.06202	0.06356	0.18191	0.18637	0.06159	0.06113	6.40E-04	3.73E-07	3.88E-07	1.78E-06	1.81E-06	2.16E-07	2.14E-07	6.4456E-04
607067.8	4201168.22	36443.59974	0.06776	0.0694	0.19742	0.20264	0.06038	0.05992	6.21E-04	4.08E-07	4.23E-07	1.93E-06	1.97E-06	2.11E-07	2.09E-07	6.2598E-04
607087.8	4201168.22	35373.98942	0.07447	0.07623	0.21557	0.22179	0.05919	0.05873	6.03E-04	4.48E-07	4.65E-07	2.11E-06	2.16E-06	2.07E-07	2.05E-07	6.0819E-04
607107.8	4201168.22	34343.70125	0.0825	0.08444	0.23737	0.24491	0.05802	0.05756	5.85E-04	4.97E-07	5.15E-07	2.32E-06	2.38E-06	2.03E-07	2.01E-07	5.9116E-04
607127.8	4201168.22	33356.85534	0.09178	0.09399	0.26334	0.27266	0.05689	0.05642	5.69E-04	5.53E-07	5.73E-07	2.57E-06	2.65E-06	1.99E-07	1.97E-07	5.7498E-04
607147.8	4201168.22	32409.50516	0.10274	0.10538	0.29506	0.30691	0.05578	0.05531	5.52E-04	6.19E-07	6.43E-07	2.88E-06	2.98E-06	1.95E-07	1.93E-07	5.5961E-04
607167.8	4201168.22	31500.5572	0.11568	0.11903	0.33468	0.35016	0.05469	0.05422	5.37E-04	6.97E-07	7.26E-07	3.27E-06	3.41E-06	1.91E-07	1.89E-07	5.4508E-04
607187.8	4201168.22	30628.30469	0.13111	0.13558	0.38565	0.4066	0.05363	0.05316	5.22E-04	7.89E-07	8.27E-07	3.77E-06	3.95E-06	1.88E-07	1.86E-07	5.3145E-04
607207.8	4201168.22	29792.93179	0.14946	0.15569	0.45299	0.48255	0.05259	0.05212	5.08E-04	9.00E-07	9.50E-07	4.42E-06	4.69E-06	1.84E-07	1.82E-07	5.1884E-04
607227.8	4201168.22	28991.71699	0.17198	0.181	0.54633	0.5905	0.05157	0.05111	4.94E-04	1.04E-06	1.10E-06	5.34E-06	5.74E-06	1.81E-07	1.79E-07	5.0743E-04
607247.8	4201168.22	28223.87417	0.20006	0.21369	0.68282	0.75391	0.05058	0.05012	4.81E-04	1.20E-06	1.30E-06	6.67E-06	7.33E-06	1.77E-07	1.75E-07	4.9764E-04
607267.8	4201168.22	27487.81676	0.23573	0.25693	0.89764	1.02478	0.04961	0.04916	4.69E-04	1.42E-06	1.57E-06	8.77E-06	9.97E-06	1.74E-07	1.72E-07	4.9030E-04
607287.8	4201168.22	26781.9351	0.28237	0.3151	1.27431	1.53728	0.04867	0.04821	4.57E-04	1.70E-06	1.92E-06	1.24E-05	1.50E-05	1.70E-07	1.68E-07	4.8756E-04
607307.8	4201168.22	26104.15436	0.3424	0.39319	2.03248	2.67489	0.04774	0.04729	4.45E-04	2.06E-06	2.40E-06	1.98E-05	2.60E-05	1.67E-07	1.65E-07	4.9532E-04
606527.8	4201188.22	70486.67085	0.01542	0.01569	0.0553	0.05592	0.10621	0.10658	1.20E-03	9.28E-08	9.57E-08	5.40E-07	5.44E-07	3.72E-07	3.72E-07	1.2028E-03
606547.8	4201188.22	69379.76204	0.0159	0.01618	0.0569	0.05755	0.10425	0.10453	1.18E-03	9.57E-08	9.87E-08	5.56E-07	5.60E-07	3.65E-07	3.65E-07	1.1840E-03
606567.8	4201188.22	68262.26623	0.01642	0.01672	0.05862	0.05931	0.10231	0.10251	1.16E-03	9.89E-08	1.02E-07	5.72E-07	5.77E-07	3.58E-07	3.58E-07	1.1650E-03
606587.8	4201188.22	67116.5484	0.01697	0.01729	0.06045	0.06118	0.10038	0.1005	1.14E-03	1.02E-07	1.05E-07	5.90E-07	5.95E-07	3.51E-07	3.51E-07	1.1455E-03
606607.8	4201188.22	65961.72555	0.01755	0.01788	0.06238	0.06315	0.09845	0.09851	1.12E-03	1.06E-07	1.09E-07	6.09E-07	6.14E-07	3.45E-07	3.44E-07	1.1259E-03
606627.8	4201188.22	64763.83955	0.01817	0.01852	0.06445	0.06527	0.09656	0.09654	1.10E-03	1.09E-07	1.13E-07	6.29E-07	6.35E-07	3.38E-07	3.37E-07	1.1055E-03
606647.8	4201188.22	63529.95045	0.01886	0.01922	0.06671	0.06758	0.09468	0.0946	1.08E-03	1.14E-07	1.17E-07	6.51E-07	6.57E-07	3.32E-07	3.31E-07	1.0845E-03
606667.8	4201188.22	62246.32126	0.0196	0.01998	0.06913	0.07006	0.09282	0.09268	1.06E-03	1.18E-07	1.22E-07	6.75E-07	6.81E-07	3.25E-07	3.24E-07	1.0627E-03
606687.8	4201188.22	60908.58077	0.02042	0.02082	0.07177	0.07275	0.09096	0.09079	1.04E-03	1.23E-07	1.27E-07	7.01E-07	7.08E-07	3.18E-07	3.17E-07	1.0400E-03
606707.8	4201188.22	59521.86948	0.0213	0.02171	0.07458	0.07562	0.08915	0.08894	1.01E-03	1.28E-07	1.32E-07	7.28E-07	7.35E-07	3.12E-07	3.11E-07	1.0164E-03
606727.8	4201188.22	58095.85402	0.02224	0.02268	0.07759	0.07868	0.08735	0.08709	9.90E-04	1.34E-07	1.38E-07	7.58E-07	7.65E-07	3.06E-07	3.04E-07	9.9214E-04
606747.8	4201188.22	56638.04506	0.02323	0.02369	0.08077	0.08191	0.08558	0.08529	9.65E-04	1.40E-07	1.45E-07	7.89E-07	7.97E-07	3.00E-07	2.98E-07	9.6737E-04
606767.8	4201188.22	55161.39588	0.02429	0.02478	0.08415	0.08534	0.08384	0.08352	9.40E-04	1.46E-07	1.51E-07	8.22E-07	8.30E-07	2.94E-07	2.92E-07	9.4227E-04
606787.8	4201188.22	53672.50312	0.02544	0.02595	0.08776	0.08902	0.08214	0.08178	9.15E-04	1.53E-07	1.58E-07	8.57E-07	8.66E-07	2.88E-07	2.86E-07	9.1698E-04
606807.8	4201188.22	52182.65623	0.02669	0.02723	0.09165	0.09299	0.08046	0.08008	8.90E-04	1.61E-07	1.66E-07	8.95E-07	9.04E-07	2.82E-07	2.80E-07	8.9167E-04
606827.8	4201188.22	50705.71328	0.02803	0.0286	0.09582	0.09726	0.07882	0.07841	8.64E-04	1.69E-07	1.74E-07	9.36E-07	9.46E-07	2.76E-07	2.74E-07	8.6660E-04
606847.8	4201188.22	49246.31479	0.02953	0.03012	0.10039	0.1018	0.0772	0.07678	8.39E-04	1.78E-07	1.84E-07	9.80E-07	9.90E-07	2.70E-07	2.68E-07	8.4182E-04
606867.8	4201188.22	47815.03118	0.0312	0.03182	0.10517	0.10669	0.07562	0.07517	8.15E-04	1.88E-07	1.94E-07	1.03E-06	1.04E-06	2.65E-07	2.63E-07	8.1754E-04
606887.8	4201188.22	46410.88336	0.03366	0.03428	0.11072	0.1126	0.07406	0.0736	7.91E-04	2.03E-07	2.09E-07	1.08E-06	1.10E-06	2.59E-07	2.57E-07	7.9375E-04
606907.8	4201188.22	45046.00424	0.03586	0.03657	0.11671	0.11879	0.07253	0.07205	7.68E-04	2.16E-07	2.23E-07	1.14E-06	1.16E-06	2.54E-07	2.52E-07	7.7062E-04
606927.8	4201188.22	43721.98164	0.03818	0.039	0.12331	0.1256	0.07103	0.07055	7.45E-04	2.30E-07	2.38E-07	1.20E-06	1.22E-06	2.49E-07	2.47E-07	7.4821E-04
606947.8	4201188.22	42437.13792	0.0407	0.04156	0.13078	0.13336	0.06957	0.06907	7.23E-04	2.45E-07	2.54E-07	1.28E-06	1.30E-06	2.44E-07	2.41E-07	7.2649E-04
606967.8	4201188.22	41194.68725	0.04346	0.04438	0.13909	0.14203	0.06814	0.06763	7.02E-04	2.62E-07	2.71E-07	1.36E-06	1.38E-06	2.39E-07	2.36E-07	7.0551E-04
606987.8	4201188.22	39992.56034	0.04657	0.04754	0.14843	0.15174	0.06674	0.06622	6.82E-04	2.80E-07	2.90E-07	1.45E-06	1.48E-06	2.34E-07	2.31E-07	6.8524E-04
607007.8	4201188.22	38830.92682	0.05009	0.05112	0.15888	0.16262	0.06537	0.06485	6.62E-04	3.02E-07	3.12E-07	1.55E-06	1.58E-06	2.29E-07	2.27E-07	6.6569E-04
607027.8	4201188.22	37707.06964	0.05415	0.0552	0.17088	0.17514	0.06402	0.0635	6.43E-04	3.26E-07	3.37E-07	1.67E-06	1.70E-06	2.24E-07	2.22E-07	6.4682E-04
607047.8	4201188.22	36621.85026	0.05882	0.05991	0.18466	0.18956	0.06271	0.06218	6.24E-04	3.54E-07	3.65E-07	1.80E-06	1.84E-06	2.20E-07	2.17E-07	6.2865E-04
607067.8	4201188.22	35576.75309	0.06417	0.06531	0.20052	0.20623	0.06143	0.0609	6.06E-04	3.86E-07	3.98E-07	1.96E-06	2.01E-06	2.15E-07	2.13E-07	6.1122E-04
607087.8	4201188.22	34569.00065	0.07038	0.0716	0.21912	0.22588	0.06017	0.05965	5.89E-04	4.24E-07	4.37E-07	2.14E-06	2.20E-06	2.11E-07	2.08E-07	5.9449E-04
607107.8	4201188.22	33597.55398	0.07761	0.07895	0.24125	0.2494	0.05895	0.05843	5.73E-04	4.67E-07	4.82E-07	2.36E-06	2.43E-06	2.06E-07	2.04E-07	5.7846E-04
607127.8	4201188.22	32662.97048	0.0859	0.08748	0.26783	0.27782	0.05776	0.05724	5.57E-04	5.17E-07	5.34E-07	2.62E-06	2.70E-06	2.02E-07	2.00E-07	5.6317E-04
607147.8	4201188.22	31761.21465	0.09564	0.09764	0.30059	0.31323	0.05659	0.05607	5.41E-04	5.76E-07	5.96E-07	2.94E-06	3.05E-06	1.98E-07	1.96E-07	5.4858E-04
607167.8	4201188.22	30894.12683	0.10686	0.10955	0.34155	0.35792	0.05545	0.05493	5.27E-04	6.43E-07	6.68E-07	3.34E-06	3.48E-06	1.94E-07	1.92E-07	5.3477E-04
607187.8	4201188.22	30061.28311	0.11975	0.12353	0.39403	0.41597	0.05434	0.05382	5.12E-04	7.21E-07	7.54E-07	3.85E-06	4.05E-06	1.90E-07	1.88E-07	5.2182E-04
607207.8	4201188.22	29261.09104	0.13473	0.1402	0.46371	0.49445	0.05326	0.05274	4.99E-04	8.11E-07	8.55E-07	4.53E-06	4.81E-06	1.86E-07	1.84E-07	5.0981E-04
607227.8	4201188.22	28492.03289	0.15241	0.1605	0.56047	0.6061	0.0522	0.05169	4.86E-04	9.18E-07	9.79E-07	5.47E-06	5.89E-06	1.83E-07	1.81E-07	4.9896E-04
607247.8	4201188.22	27754.05043	0.17329	0.18523	0.70128	0.77428	0.05117	0.05067	4.73E-04	1.04E-06	1.13E-06	6.85E-06	7.53E-06	1.79E-07	1.77E-07	4.8967E-04
607267.8	4201188.22	27045.44724	0.19864	0.21573	0.92189	1.05147	0.05017	0.04967	4.61E-04	1.20E-06	1.32E-06	9.00E-06	1.02E-05	1.76E-07	1.74E-07	4.8278E-04
607287.8	4201188.22	26363.91913	0.23124	0.25489	1.31007	1.57568	0.04918	0.04869	4.49E-04	1.39E-06	1.55E-06	1.28E-05	1.53E-05	1.72E-07	1.70E-07	4.8049E-04
607307.8	4201188.22	25708.95699	0.27233	0.30614	2.09956	2.74205	0.04823	0.04774	4.38E-04	1.64E-06	1.87E-06	2.05E-05	2.67E-05	1.69E-07	1.67E-07	4.8894E-04
606527.8	4201208.22	66899.30271	0.01487	0.01511	0.05541	0.05606	0.11155	0.11171	1.14E-03	8.95E-08	9.22E-08	5.41E-07	5.45E-07	3.91E-07	3.90E-07	1.1417E-03
606547.8	4201208.22	65863.11821	0.01534	0.01559	0.05704	0.05772	0.10927	0.10935	1.12E-03	9.24E-08	9.51E-08	5.57E-07	5.61E-07	3.83E-07	3.82E-07	1.1241E-03
606567.8	4201208.22	64822.58384	0.01583	0.01609	0.05874	0.05947	0.10703	0.10703	1.11E-03	9.53E-08	9.81E-08	5.74E-07	5.78E-07	3.75E-07	3.74E-07	1.1064E-03
606587.8	4201208.22	63757.4179	0.01635	0.01663	0.06057	0.06133	0.10482	0.10476	1.09E-03	9.84E-08	1.01E-07	5.92E-07	5.96E-07	3.67E-07	3.66E-07	1.0882E-03

606607.8	4201208.22	62682.8944	0.01691	0.0172	0.06251	0.06332	0.10265	0.10252	1.07E-03	1.02E-07	1.05E-07	6.10E-07	6.16E-07	3.59E-07	3.58E-07	1.0700E-03
606627.8	4201208.22	61572.81285	0.01751	0.01781	0.06461	0.06547	0.10051	0.10031	1.05E-03	1.05E-07	1.09E-07	6.31E-07	6.37E-07	3.52E-07	3.51E-07	1.0511E-03
606647.8	4201208.22	60438.06775	0.01817	0.01848	0.06687	0.06779	0.09838	0.09815	1.03E-03	1.09E-07	1.13E-07	6.53E-07	6.59E-07	3.44E-07	3.43E-07	1.0318E-03
606667.8	4201208.22	59257.08042	0.0189	0.01923	0.06936	0.07034	0.09631	0.09602	1.01E-03	1.14E-07	1.17E-07	6.77E-07	6.84E-07	3.37E-07	3.36E-07	1.0117E-03
606687.8	4201208.22	58040.95178	0.01967	0.02001	0.07198	0.07303	0.09425	0.09393	9.89E-04	1.18E-07	1.22E-07	7.03E-07	7.10E-07	3.30E-07	3.28E-07	9.9107E-04
606707.8	4201208.22	56787.57189	0.02048	0.02083	0.07478	0.07589	0.09225	0.09189	9.68E-04	1.23E-07	1.27E-07	7.30E-07	7.38E-07	3.23E-07	3.21E-07	9.6977E-04
606727.8	4201208.22	55491.84912	0.02138	0.02175	0.07783	0.079	0.09027	0.08987	9.46E-04	1.29E-07	1.33E-07	7.60E-07	7.68E-07	3.16E-07	3.14E-07	9.4775E-04
606747.8	4201208.22	54172.99553	0.02232	0.02271	0.08104	0.08227	0.08833	0.0879	9.23E-04	1.34E-07	1.39E-07	7.91E-07	8.00E-07	3.09E-07	3.07E-07	9.2534E-04
606767.8	4201208.22	52828.86909	0.02335	0.02376	0.08449	0.08577	0.08642	0.08597	9.01E-04	1.41E-07	1.45E-07	8.25E-07	8.34E-07	3.03E-07	3.00E-07	9.0251E-04
606787.8	4201208.22	51475.02324	0.02446	0.02488	0.08815	0.0895	0.08456	0.08408	8.77E-04	1.47E-07	1.52E-07	8.61E-07	8.70E-07	2.96E-07	2.94E-07	8.7952E-04
606807.8	4201208.22	50113.17756	0.02569	0.02613	0.09214	0.09357	0.08273	0.08223	8.54E-04	1.55E-07	1.59E-07	9.00E-07	9.10E-07	2.90E-07	2.87E-07	8.5639E-04
606827.8	4201208.22	48759.79381	0.02702	0.02748	0.09641	0.09793	0.08094	0.08043	8.31E-04	1.63E-07	1.68E-07	9.42E-07	9.52E-07	2.83E-07	2.81E-07	8.3342E-04
606847.8	4201208.22	47420.30381	0.02872	0.02899	0.10094	0.10272	0.0792	0.07866	8.08E-04	1.73E-07	1.77E-07	9.86E-07	9.99E-07	2.77E-07	2.75E-07	8.1070E-04
606867.8	4201208.22	46106.56685	0.03047	0.03088	0.10602	0.10782	0.07749	0.07694	7.86E-04	1.83E-07	1.88E-07	1.04E-06	1.05E-06	2.71E-07	2.69E-07	7.8843E-04
606887.8	4201208.22	44817.58965	0.03236	0.03285	0.11151	0.1135	0.07582	0.07526	7.64E-04	1.95E-07	2.00E-07	1.09E-06	1.10E-06	2.65E-07	2.63E-07	7.6658E-04
606907.8	4201208.22	43555.73187	0.03443	0.03503	0.11759	0.11977	0.07419	0.07362	7.42E-04	2.07E-07	2.14E-07	1.15E-06	1.16E-06	2.60E-07	2.57E-07	7.4522E-04
606927.8	4201208.22	42327.60955	0.03663	0.03728	0.12438	0.12682	0.07259	0.07201	7.22E-04	2.21E-07	2.27E-07	1.21E-06	1.23E-06	2.54E-07	2.52E-07	7.2445E-04
606947.8	4201208.22	41136.78968	0.03898	0.03966	0.13193	0.13469	0.07103	0.07045	7.01E-04	2.35E-07	2.42E-07	1.29E-06	1.31E-06	2.49E-07	2.46E-07	7.0433E-04
606967.8	4201208.22	39981.13677	0.0416	0.04231	0.1404	0.14352	0.0695	0.06892	6.82E-04	2.50E-07	2.58E-07	1.37E-06	1.40E-06	2.43E-07	2.41E-07	6.8483E-04
606987.8	4201208.22	38860.743	0.04455	0.04528	0.14993	0.15343	0.06802	0.06743	6.62E-04	2.68E-07	2.76E-07	1.46E-06	1.49E-06	2.38E-07	2.36E-07	6.6595E-04
607007.8	4201208.22	37776.10999	0.0479	0.04864	0.16063	0.16463	0.06656	0.06598	6.44E-04	2.88E-07	2.97E-07	1.57E-06	1.60E-06	2.33E-07	2.31E-07	6.4772E-04
607027.8	4201208.22	36722.48929	0.0518	0.05254	0.17298	0.17758	0.06514	0.06455	6.26E-04	3.12E-07	3.20E-07	1.69E-06	1.73E-06	2.28E-07	2.26E-07	6.3005E-04
607047.8	4201208.22	35706.98688	0.05617	0.05692	0.18702	0.19231	0.06376	0.06317	6.09E-04	3.38E-07	3.47E-07	1.83E-06	1.87E-06	2.23E-07	2.21E-07	6.1307E-04
607067.8	4201208.22	34724.24897	0.06122	0.062	0.20328	0.20943	0.06241	0.06182	5.92E-04	3.69E-07	3.78E-07	1.99E-06	2.04E-06	2.19E-07	2.16E-07	5.9671E-04
607087.8	4201208.22	33774.1134	0.06703	0.06787	0.22237	0.22965	0.06109	0.06051	5.76E-04	4.04E-07	4.14E-07	2.17E-06	2.23E-06	2.14E-07	2.11E-07	5.8096E-04
607107.8	4201208.22	32859.4415	0.07353	0.07449	0.24481	0.25351	0.05982	0.05923	5.60E-04	4.43E-07	4.54E-07	2.39E-06	2.47E-06	2.09E-07	2.07E-07	5.6590E-04
607127.8	4201208.22	31974.44058	0.08099	0.08222	0.27202	0.28267	0.05857	0.05799	5.45E-04	4.88E-07	5.02E-07	2.66E-06	2.75E-06	2.05E-07	2.03E-07	5.5146E-04
607147.8	4201208.22	31120.52495	0.08942	0.09109	0.30536	0.31864	0.05735	0.05678	5.31E-04	5.38E-07	5.56E-07	2.98E-06	3.10E-06	2.01E-07	1.98E-07	5.3768E-04
607167.8	4201208.22	30296.53512	0.09893	0.10131	0.34711	0.36419	0.05616	0.05559	5.16E-04	5.96E-07	6.18E-07	3.39E-06	3.54E-06	1.97E-07	1.94E-07	5.2460E-04
607187.8	4201208.22	29501.93939	0.10964	0.11314	0.40095	0.42364	0.055	0.05444	5.03E-04	6.60E-07	6.90E-07	3.92E-06	4.12E-06	1.93E-07	1.90E-07	5.1230E-04
607207.8	4201208.22	28735.17984	0.12191	0.12708	0.47316	0.50475	0.05387	0.05332	4.90E-04	7.34E-07	7.75E-07	4.62E-06	4.91E-06	1.89E-07	1.86E-07	5.0088E-04
607227.8	4201208.22	27998.71049	0.13558	0.14307	0.57245	0.61887	0.05278	0.05223	4.77E-04	8.16E-07	8.73E-07	5.59E-06	6.02E-06	1.85E-07	1.83E-07	4.9059E-04
607247.8	4201208.22	27289.3693	0.15153	0.16192	0.71796	0.79163	0.05171	0.05116	4.65E-04	9.12E-07	9.88E-07	7.01E-06	7.70E-06	1.81E-07	1.79E-07	4.8181E-04
607267.8	4201208.22	26608.86148	0.17012	0.18364	0.94285	1.07121	0.05067	0.05013	4.54E-04	1.02E-06	1.12E-06	9.21E-06	1.04E-05	1.77E-07	1.75E-07	4.7537E-04
607287.8	4201208.22	25951.20829	0.1944	0.21185	1.34409	1.60397	0.04965	0.04912	4.42E-04	1.17E-06	1.29E-06	1.31E-05	1.56E-05	1.74E-07	1.72E-07	4.7357E-04
607307.8	4201208.22	25318.75465	0.22396	0.24764	2.16176	2.7811	0.04866	0.04814	4.32E-04	1.35E-06	1.51E-06	2.11E-05	2.70E-05	1.70E-07	1.68E-07	4.8262E-04
606527.8	4201228.22	63630.31668	0.01437	0.01459	0.0555	0.05618	0.11686	0.11679	1.08E-03	8.65E-08	8.90E-08	5.42E-07	5.46E-07	4.09E-07	4.08E-07	1.0860E-03
606547.8	4201228.22	62663.3302	0.01482	0.01505	0.05712	0.05784	0.11426	0.11412	1.07E-03	8.92E-08	9.18E-08	5.58E-07	5.63E-07	4.00E-07	3.99E-07	1.0695E-03
606567.8	4201228.22	61688.25015	0.0153	0.01554	0.05885	0.05961	0.11171	0.1115	1.05E-03	9.21E-08	9.48E-08	5.75E-07	5.80E-07	3.91E-07	3.90E-07	1.0529E-03
606587.8	4201228.22	60698.33136	0.01579	0.01603	0.06064	0.06144	0.10922	0.10895	1.03E-03	9.51E-08	9.78E-08	5.92E-07	5.98E-07	3.82E-07	3.81E-07	1.0361E-03
606607.8	4201228.22	59694.56575	0.01634	0.01659	0.06262	0.06346	0.10677	0.10645	1.02E-03	9.84E-08	1.01E-07	6.12E-07	6.17E-07	3.74E-07	3.72E-07	1.0190E-03
606627.8	4201228.22	58664.37526	0.01692	0.01718	0.06472	0.06562	0.10438	0.10401	1.00E-03	1.02E-07	1.05E-07	6.32E-07	6.38E-07	3.65E-07	3.63E-07	1.0015E-03
606647.8	4201228.22	57612.07841	0.01757	0.01784	0.06702	0.06798	0.10203	0.10162	9.82E-04	1.06E-07	1.09E-07	6.54E-07	6.61E-07	3.57E-07	3.55E-07	9.8363E-04
606667.8	4201228.22	56527.79625	0.01826	0.01855	0.06949	0.07052	0.09973	0.09927	9.64E-04	1.10E-07	1.13E-07	6.79E-07	6.86E-07	3.49E-07	3.47E-07	9.6521E-04
606687.8	4201228.22	55415.99757	0.01898	0.01928	0.0721	0.0732	0.09747	0.09699	9.45E-04	1.14E-07	1.18E-07	7.04E-07	7.12E-07	3.41E-07	3.39E-07	9.4631E-04
606707.8	4201228.22	54271.74434	0.01975	0.02006	0.07491	0.07607	0.09528	0.09476	9.25E-04	1.19E-07	1.22E-07	7.32E-07	7.40E-07	3.34E-07	3.31E-07	9.2687E-04
606727.8	4201228.22	53093.59797	0.0206	0.02092	0.07795	0.07918	0.09311	0.09256	9.05E-04	1.24E-07	1.28E-07	7.61E-07	7.70E-07	3.26E-07	3.23E-07	9.0686E-04
606747.8	4201228.22	51889.18128	0.02153	0.02186	0.08122	0.08252	0.09099	0.09042	8.85E-04	1.30E-07	1.33E-07	7.93E-07	8.03E-07	3.19E-07	3.16E-07	8.8640E-04
606767.8	4201228.22	50663.1852	0.02253	0.02287	0.08472	0.08608	0.08892	0.08833	8.64E-04	1.36E-07	1.40E-07	8.27E-07	8.37E-07	3.11E-07	3.09E-07	8.6559E-04
606787.8	4201228.22	49425.13884	0.02362	0.02397	0.08846	0.08989	0.08689	0.08629	8.43E-04	1.42E-07	1.46E-07	8.64E-07	8.74E-07	3.04E-07	3.02E-07	8.4457E-04
606807.8	4201228.22	48178.97448	0.02482	0.02518	0.0925	0.09402	0.08492	0.0843	8.21E-04	1.49E-07	1.54E-07	9.03E-07	9.14E-07	2.97E-07	2.95E-07	8.2342E-04
606827.8	4201228.22	46937.65273	0.02611	0.02648	0.09686	0.09844	0.08299	0.08236	8.00E-04	1.57E-07	1.62E-07	9.46E-07	9.57E-07	2.91E-07	2.88E-07	8.0236E-04
606847.8	4201228.22	45707.69694	0.02786	0.02795	0.10166	0.10335	0.08111	0.08047	7.79E-04	1.68E-07	1.70E-07	9.93E-07	1.01E-06	2.84E-07	2.81E-07	7.8151E-04
606867.8	4201228.22	44493.17222	0.02958	0.02998	0.10663	0.10852	0.07928	0.07863	7.58E-04	1.78E-07	1.83E-07	1.04E-06	1.06E-06	2.78E-07	2.75E-07	7.6092E-04
606887.8	4201228.22	43296.56907	0.03146	0.0319	0.11221	0.11426	0.07749	0.07683	7.38E-04	1.89E-07	1.95E-07	1.10E-06	1.11E-06	2.71E-07	2.68E-07	7.4066E-04
606907.8	4201228.22	42137.43891	0.03322	0.03368	0.11829	0.12054	0.07576	0.0751	7.18E-04	2.00E-07	2.05E-07	1.16E-06	1.17E-06	2.65E-07	2.62E-07	7.2104E-04
606927.8	4201228.22	41000.31392	0.03523	0.03574	0.12514	0.1277	0.07407	0.0734	6.99E-04	2.12E-07	2.18E-07	1.22E-06	1.24E-06	2.59E-07	2.57E-07	7.0182E-04
606947.8	4201228.22	39890.87675	0.03749	0.03801	0.13282	0.13572	0.07241	0.07174	6.80E-04	2.26E-07	2.32E-07	1.30E-06	1.32E-06	2.54E-07	2.51E-07	6.8309E-04
606967.8	4201228.22	38812.01945	0.04003	0.04056	0.14142	0.14475	0.07079	0.07013	6.62E-04	2.41E-07	2.47E-07	1.38E-06	1.41E-06	2.48E-07	2.45E-07	6.6490E-04
606987.8	4201228.22	37766.99298	0.04285	0.04338	0.15105	0.15479	0.06922	0.06856	6.44E-04	2.58E-07	2.65E-07	1.48E-06	1.51E-06	2.42E-07	2.40E-07	6.4731E-04
607007.8	4201228.22	36750.84139	0.04609	0.0466	0.16206	0.16635	0.06769	0.06703	6.26E-04	2.78E-07	2.84E-07	1.58E-06	1.62E-06	2.37E-07	2.34E-07	6.3025E-04
607027.8	4201228.22	35762.91405	0.04983	0.05033	0.17476	0.17968	0.06619	0.06553	6.10E-04	3.00E-07	3.07E-07	1.71E-06	1.75E-06	2.32E-07	2.29E-07	6.1370E-04
607047.8	4201228.22	34810.9962	0.05397	0.05447	0.18904	0.1947	0.06474	0.06408	5.93E-04	3.25E-07	3.32E-07	1.85E-06	1.89E-06	2.27E-07	2.24E-07	5.9781E-04
607067.8	4201228.22	33888.34348	0.0587	0.05922	0.20557	0.21217	0.06333	0.06268	5.78E-04	3.53E-07	3.61E-07	2.01E-06	2.06E-06	2.22E-07	2.19E-07	5.8247E-04
607087.8	4201228.22	32994.92108	0.06404	0.06462	0.22495	0.23275	0.06195	0.06131	5.62E-04	3.86E-07	3.94E-07	2.20E-06	2.26E-06	2.17E-07	2.14E-07	5.6770E-04
607107.8	4201228.22	32132.09283	0.06994	0.07068	0.24781	0.25707	0.06062	0.05998	5.48E-04	4.21E-07	4.31E-07	2.42E-06	2.50E-06	2.12E-07	2.10E-07	5.5352E-04
607127.8	4201228.22	31294.32096	0.07662	0.07767	0.27567	0.28696	0.05931	0.05868	5.33E-04	4.61E-07	4.74E-07	2.69E-06	2.79E-06	2.08E-07	2.05E-07	5.3989E-04
607147.8	4201228.22	30487.25819	0.08381	0.08535	0.30935	0.32332	0.05805	0.05743	5.20E-04	5.05E-07	5.21E-07	3.02E-06	3.14E-06	2.03E-07	2.01E-07	5.2690E-04
607167.8	4201228.22	29702.56869	0.09196	0.09429	0.35238	0.37025	0.05681	0.05619	5.06E-04	5.54E-07	5.75E-07	3.44E-06	3.60E-06	1.99E-07	1.96E-07	5.1451E-04
607187.8	4201228.22	28945.99577	0.10075	0.10423	0.40744	0.43099	0.05561	0.055	4.93E-04	6.07E-07	6.36E-07	3.98E-06	4.19E-06	1.95E-07	1.92E-07	5.0285E-04
607207.8	4201228.22	28214.13429	0.11053	0.11556	0.48124	0.51384	0.05444	0.05384	4.81E-04	6.66E-07	7.05E-07	4.70E-06	5.00E-06	1.91E-07	1.88E-07	4.9203E-04
607227.8	4201228.22	27509.56449	0.1212	0.12807	0.58263	0.63015	0.0533	0.05271	4.69E-04	7.30E-07	7.81E-07	5.69E-06	6.13E-06	1.87E-07	1.84E-07	4.8228E-04
607247.8	4201228.22	26828.78729	0.13378	0.14256	0.73206	0.80673	0.05219	0.05161	4.57E-04	8.06E-07	8.70E-07	7.15E-06	7.85E-06	1.83E-07	1.80E-07	4.7402E-04
607267.8	4201228.22	26174.0183	0.14861	0.15933	0.9652	1.0936	0.05112	0.05055	4.46E-04	8.95E-07	9.72E-07	9.43E-06	1.06E-05	1.79E-07	1.77E-07	4.6811E-04
607287.8	4201228.22	25542.6279	0.16682	0.18007	1.37476	1.62564	0.05008	0.04951	4.35E-04	1.00E-06	1.10E-06	1.34E-05	1.58E-05	1.75E-07	1.73E-07	4.6676E-04
607307.8	4201228.22	24932.68364	0.18887	0.2063	2.21814	2.80646	0.04906	0.0485	4.25E-04	1.14E-06	1.26E-06	2.17E-05	2.73E-05	1.72E-07	1.69E-07	4.7637E-04
606527.8	4201248.22	60639.91143	0.01391	0.01411	0.05555	0.05626	0.12208	0.1218	1.03E-03	8.38E-08	8.61E-08	5.42E-07	5.47E-07	4.27E-07	4.26E-07	1.0350E-03
606547.8	4201248.22	59733.99603	0.01435	0.01456	0.05719	0.05794	0.11918	0.11881	1.02E-03	8.64E-08	8.88E-08	5.58E-07	5.64E-07	4.17E-07	4.15E-07	1.0196E-03
606567.8	4201248.22	58820.23509	0.01483	0.01503	0.05894	0.05972	0.11632	0.11589	1.00E-03	8.93E-08	9.17E-08	5.76E-07	5.81E-07	4.07E-07	4.05E-07	1.0040E-03
606587.8	4201248.22	57892.78291	0.01531	0.01553	0.06076	0.06159	0.11353	0.11305	9.87E-04	9.22E-08	9.47E-08	5.93E-07	5.99E-07	3.98E-07	3.95E-07	9.8827E-04
606607.8	4201248.22	56959.06843	0.01583	0.01605	0.0627	0.06358	0.11082	0.1103	9.71E-04	9.53E-08	9.79E-08	6.12E-07	6.18E-07	3.88E-07	3.85E-07	9.7239E-04
606627.8	4201248.22	55996.2203	0.01641	0.01664	0.06485	0.06579	0.10818	0.10761	9.55E-04	9.88E-08	1.02E-07	6.33E-07	6.40E-07	3.79E-07	3.76E-07	9.5603E-04
606647.8	4201248.22	55021.18315	0.01703	0.01727	0.06714	0.06814	0.10558	0.10498	9.38E-04	1.03E-07	1.05E-07	6.56E-07	6.63E-07	3.70E-07	3.67E-07	9.3946E-04
606667.8	4201248.22	54025.33772	0.01767	0.01792	0.06955	0.07062	0.10307	0.10243	9.21E-04	1.06E-07	1.09E-07	6.79E-07	6.87E-07	3.61E-07	3.58E-07	9.2254E-04
606687.8	4201248.22	53002.94841	0.01836	0.01861	0.07215	0.07329	0.1006	0.09995	9.04E-04	1.11E-07	1.14E-07	7.05E-07	7.13E-07	3.52E-07	3.49E-07	9.0517E-04
606707.8	4201248.22	51947.12464	0.01914	0.0194	0.07503	0.07624	0.09819	0.09752	8.86E-04	1.15E-07	1.18E-07	7.33E-07	7.41E-07	3.44E-07	3.41E-07	8.8724E-04
606727.8	4201248.22	50869.84039	0.01995	0.02022	0.07806	0.07934	0.09584	0.09515	8.67E-04	1.20E-07	1.23E-07	7.62E-07	7.72E-07	3.36E-07	3.33E-07	8.6895E-04
606747.8	4201248.22	49768.68817	0.02084	0.02112	0.08134	0.0827	0.09355	0.09284	8.48E-04	1.25E-07	1.29E-07	7.94E-07	8.04E-07	3.28E-07	3.24E-07	8.5025E-04
606767.8	4201248.22	48644.2752	0.02183	0.02212	0.08489	0.08633	0.09131	0.09058	8.29E-04	1.31E-07	1.35E-07	8.29E-07	8.40E-07	3.20E-07	3.17E-07	8.3116E-04
606787.8	4201248.22	47514.24511	0.02286	0.02315	0.08862	0.09013	0.08914	0.0884	8.10E-04	1.38E-07	1.41E-07	8.65E-07	8.77E-07	3.12E-07	3.09E-07	8.1199E-04
606807.8	4201248.22	46368.97177	0.02405	0.02434	0.09274	0.09434	0.08701	0.08627	7.90E-04	1.45E-07	1.48E-07	9.06E-07	9.18E-07	3.05E-07	3.01E-07	7.9256E-04
606827.8	4201248.22	45228.00435	0.0253	0.0256	0.0972	0.09896	0.08495	0.0842	7.71E-04	1.52E-07	1.56E-07	9.49E-07	9.62E-07	2.97E-07	2.94E-07	7.7321E-04
606847.8	4201248.22	44093.83007	0.02709	0.02731	0.10203	0.10384	0.08294	0.08219	7.52E-04	1.63E-07	1.67E-07	9.96E-07	1.01E-06	2.90E-07	2.87E-07	7.5400E-04
606867.8	4201248.22	42974.28077	0.02865	0.02895	0.10706	0.109	0.08099	0.08024	7.33E-04	1.73E-07	1.77E-07	1.05E-06	1.06E-06	2.84E-07	2.80E-07	7.3503E-04
606887.8	4201248.22	41868.09205	0.03038	0.03073	0.11263	0.11477	0.07909	0.07833	7.14E-04	1.83E-07	1.87E-07	1.10E-06	1.12E-06	2.77E-07	2.74E-07	7.1630E-04
606907.8	4201248.22	40785.38232	0.03215	0.03254	0.11887	0.12125	0.07725	0.07649	6.95E-04	1.94E-07	1.98E-07	1.16E-06	1.18E-06	2.70E-07	2.67E-07	6.9799E-04
606927.8	4201248.22	39726.07358	0.0341	0.0345	0.12581	0.12848	0.07545	0.07469	6.77E-04	2.05E-07	2.10E-07	1.23E-06	1.25E-06	2.64E-07	2.61E-07	6.8010E-04
606947.8	4201248.22	38696.72389	0.03623	0.03661	0.13346	0.13647	0.07371	0.07296	6.60E-04	2.18E-07	2.23E-07	1.30E-06	1.33E-06	2.58E-07	2.55E-07	6.6273E-04
606967.8	4201248.22	37692.12357	0.03863	0.039	0.14211	0.14556	0.07201	0.07126	6.43E-04	2.33E-07	2.38E-07	1.39E-06	1.42E-06	2.52E-07	2.49E-07	6.4580E-04
606987.8	4201248.22	36713.90946	0.04136	0.04172	0.15181	0.15575	0.07036	0.06961	6.26E-04	2.49E-07	2.54E-07	1.48E-06	1.51E-06	2.46E-07	2.43E-07	6.2936E-04
607007.8	4201248.22	35759.22588	0.04453	0.04486	0.1631	0.1676	0.06874	0.068	6.10E-04	2.68E-07	2.74E-07	1.59E-06	1.63E-06	2.41E-07	2.38E-07	6.1335E-04
607027.8	4201248.22	34832.42907	0.04812	0.04843	0.17602	0.1812	0.06717	0.06644	5.94E-04	2.90E-07	2.95E-07	1.72E-06	1.76E-06	2.35E-07	2.32E-07	5.9785E-04
607047.8	4201248.22	33937.47303	0.05208	0.05239	0.19058	0.19661	0.06565	0.06493	5.79E-04	3.14E-07	3.20E-07	1.86E-06	1.91E-06	2.30E-07	2.27E-07	5.8293E-04
607067.8	4201248.22	33071.32487	0.05646	0.0568	0.20734	0.21435	0.06418	0.06347	5.64E-04	3.40E-07	3.46E-07	2.02E-06	2.08E-06	2.25E-07	2.22E-07	5.6856E-04
607087.8	4201248.22	32229.44014	0.06138	0.06182	0.22707	0.23535	0.06274	0.06204	5.49E-04	3.70E-07	3.77E-07	2.22E-06	2.29E-06	2.20E-07	2.17E-07	5.5466E-04
607107.8	4201248.22	31414.85787	0.06672	0.06737	0.25041	0.26025	0.06135	0.06066	5.36E-04	4.02E-07	4.11E-07	2.45E-06	2.53E-06	2.15E-07	2.12E-07	5.4131E-04
607127.8	4201248.22	30623.2185	0.07259	0.07361	0.27877	0.29071	0.06	0.05931	5.22E-04	4.37E-07	4.49E-07	2.72E-06	2.83E-06	2.10E-07	2.07E-07	5.2846E-04
607147.8	4201248.22	29856.52695	0.07889	0.08047	0.31355	0.3283	0.05868	0.05801	5.09E-04	4.75E-07	4.91E-07	3.06E-06	3.19E-06	2.05E-07	2.03E-07	5.1618E-04
607167.8	4201248.22	29114.66282	0.08552	0.08793	0.35692	0.37565	0.0574	0.05674	4.96E-04	5.15E-07	5.36E-07	3.49E-06	3.65E-06	2.01E-07	1.98E-07	5.0450E-04
607187.8	4201248.22	28394.82085	0.09266	0.09618	0.4131	0.43773	0.05616	0.05551	4.84E-04	5.58E-07	5.87E-07	4.03E-06	4.26E-06	1.97E-07	1.94E-07	4.9348E-04
607207.8	4201248.22	27697.66138	0.10041	0.10522	0.48799	0.52184	0.05495	0.05431	4.72E-04	6.05E-07	6.42E-07	4.77E-06	5.08E-06	1.92E-07	1.90E-07	4.8324E-04
607227.8	4201248.22	27024.4462	0.10894	0.11503	0.59095	0.64002	0.05378	0.05314	4.61E-04	6.56E-07	7.02E-07	5.77E-06	6.22E-06	1.88E-07	1.86E-07	4.7403E-04
607247.8	4201248.22	26373.7891	0.11891	0.12616	0.74098	0.81719	0.05264	0.05202	4.50E-04	7.16E-07	7.70E-07	7.24E-06	7.95E-06	1.84E-07	1.82E-07	4.6626E-04
607267.8	4201248.22	25743.61222	0.13127	0.13982	0.98076	1.10993	0.05153	0.05092	4.39E-04	7.90E-07	8.53E-07	9.58E-06	1.08E-05	1.80E-07	1.78E-07	4.6086E-04
607287.8	4201248.22	25136.98998	0.14564	0.156	1.39624	1.64278	0.05045	0.04985	4.29E-04	8.77E-07	9.52E-07	1.36E-05	1.60E-05	1.77E-07	1.74E-07	4.5995E-04
607307.8	4201248.22	24549.94405	0.16239	0.17574	2.25472	2.82471	0.0494	0.04882	4.18E-04	9.78E-07	1.07E-06	2.20E-05	2.75E-05	1.73E-07	1.71E-07	4.7004E-04
606527.8	4201268.22	57888.05394	0.0135	0.01367	0.0556	0.05633	0.12725	0.12671	9.87E-04	8.13E-08	8.34E-08	5.43E-07	5.48E-07	4.46E-07	4.43E-07	9.8806E-04
606547.8	4201268.22	57040.30246	0.01393	0.01411	0.05724	0.05802	0.12399	0.12339	9.72E-04	8.39E-08	8.61E-08	5.59E-07	5.64E-07	4.34E-07	4.31E-07	9.7365E-04
606567.8	4201268.22	56185.07133	0.01439	0.01457	0.059	0.05981	0.12083	0.12017	9.58E-04	8.66E-08	8.89E-08	5.76E-07	5.82E-07	4.23E-07	4.20E-07	9.5911E-04
606587.8	4201268.22	55315.89912	0.01487	0.01506	0.06085	0.0617	0.11775	0.11705	9.43E-04	8.95E-08	9.19E-08	5.94E-07	6.00E-07	4.12E-07	4.09E-07	9.4434E-04
606607.8	4201268.22	54439.20148	0.01539	0.01559	0.06284	0.06374	0.11477	0.11404	9.28E-04	9.27E-08	9.51E-08	6.14E-07	6.20E-07	4.02E-07	3.99E-07	9.2944E-04
606627.8	4201268.22	53545.49811	0.01594	0.01614	0.06494	0.0659	0.11186	0.1111	9.13E-04	9.60E-08	9.85E-08	6.34E-07	6.41E-07	3.92E-07	3.88E-07	9.1425E-04
606647.8	4201268.22	52640.41397	0.01653	0.01674	0.0672	0.06823	0.10903	0.10824	8.97E-04	9.95E-08	1.02E-07	6.56E-07	6.64E-07	3.82E-07	3.78E-07	8.9887E-04
606667.8	4201268.22	51717.13405	0.01715	0.01737	0.0696	0.0707	0.10629	0.10548	8.82E-04	1.03E-07	1.06E-07	6.80E-07	6.88E-07	3.72E-07	3.69E-07	8.8319E-04
606687.8	4201268.22	50765.48468	0.01786	0.01808	0.07229	0.07346	0.10359	0.10277	8.65E-04	1.08E-07	1.10E-07	7.06E-07	7.14E-07	3.63E-07	3.59E-07	8.6703E-04
606707.8	4201268.22	49797.21152	0.0186	0.01882	0.0751	0.07635	0.101	0.10016	8.49E-04	1.12E-07	1.15E-07	7.33E-07	7.43E-07	3.54E-07	3.50E-07	8.5059E-04
606727.8	4201268.22	48802.4997	0.01941	0.01964	0.07818	0.07952	0.09845	0.09761	8.32E-04	1.17E-07	1.20E-07	7.63E-07	7.73E-07	3.45E-07	3.41E-07	8.3370E-04
606747.8	4201268.22	47787.54965	0.02031	0.02054	0.08152	0.08293	0.09598	0.09513	8.15E-04	1.22E-07	1.25E-07	7.96E-07	8.07E-07	3.36E-07	3.32E-07	8.1648E-04
606767.8	4201268.22	46766.39471	0.0212	0.02143	0.08494	0.08644	0.0936	0.09274	7.97E-04	1.28E-07	1.31E-07	8.29E-07	8.41E-07	3.28E-07	3.24E-07	7.9915E-04
606787.8	4201268.22	45727.19952	0.0222	0.02244	0.08869	0.09026	0.09127	0.09041	7.80E-04	1.34E-07	1.37E-07	8.66E-07	8.78E-07	3.20E-07	3.16E-07	7.8152E-04
606807.8	4201268.22	44675.18356	0.02334	0.02358	0.0928	0.09447	0.08901	0.08814	7.62E-04	1.41E-07	1.44E-07	9.06E-07	9.19E-07	3.12E-07	3.08E-07	7.6368E-04
606827.8	4201268.22	43623.51489	0.02456	0.0248	0.09723	0.0992	0.08681	0.08594	7.44E-04	1.48E-07	1.51E-07	9.50E-07	9.65E-07	3.04E-07	3.00E-07	7.4586E-04
606847.8	4201268.22	42575.86953	0.02623	0.02637	0.10229	0.10419	0.08468	0.08381	7.26E-04	1.58E-07	1.61E-07	9.99E-07	1.01E-06	2.96E-07	2.93E-07	7.2811E-04
606867.8	4201268.22	41537.66857	0.0278	0.02803	0.10732	0.10937	0.08261	0.08175	7.08E-04	1.67E-07	1.71E-07	1.05E-06	1.06E-06	2.89E-07	2.86E-07	7.1053E-04
606887.8	4201268.22	40512.06391	0.02944	0.02972	0.11291	0.11512	0.0806	0.07974	6.91E-04	1.77E-07	1.81E-07	1.10E-06	1.12E-06	2.82E-07	2.79E-07	6.9318E-04
606907.8	4201268.22	39504.88463	0.03115	0.03145	0.11917	0.12163	0.07865	0.0778	6.73E-04	1.88E-07	1.92E-07	1.16E-06	1.18E-06	2.75E-07	2.72E-07	6.7616E-04
606927.8	4201268.22	38518.29685	0.03304	0.03332	0.12613	0.12888	0.07676	0.07591	6.57E-04	1.99E-07	2.03E-07	1.23E-06	1.25E-06	2.69E-07	2.65E-07	6.5950E-04
606947.8	4201268.22	37554.2457	0.03513	0.03539	0.13391	0.137	0.07492	0.07409	6.40E-04	2.12E-07	2.16E-07	1.31E-06	1.33E-06	2.62E-07	2.59E-07	6.4325E-04
606967.8	4201268.22	36614.11027	0.03747	0.03771	0.14263	0.14613	0.07314	0.07231	6.24E-04	2.26E-07	2.30E-07	1.39E-06	1.42E-06	2.56E-07	2.53E-07	6.2742E-04
606987.8	4201268.22	35697.2852	0.04013	0.04034	0.15242	0.15642	0.0714	0.07059	6.09E-04	2.42E-07	2.46E-07	1.49E-06	1.52E-06	2.50E-07	2.47E-07	6.1202E-04
607007.8	4201268.22	34800.31664	0.0432	0.04338	0.16384	0.16851	0.06971	0.06891	5.93E-04	2.60E-07	2.65E-07	1.60E-06	1.64E-06	2.44E-07	2.41E-07	5.9700E-04
607027.8	4201268.22	33930.08316	0.04663	0.0468	0.17687	0.18226	0.06807	0.06728	5.78E-04	2.81E-07	2.85E-07	1.73E-06	1.77E-06	2.38E-07	2.35E-07	5.8247E-04
607047.8	4201268.22	33089.72181	0.05034	0.05052	0.19158	0.19786	0.06649	0.06571	5.64E-04	3.03E-07	3.08E-07	1.87E-06	1.92E-06	2.33E-07	2.30E-07	5.6848E-04
607067.8	4201268.22	32271.60541	0.05448	0.05473	0.20872	0.21611	0.06495	0.06418	5.50E-04	3.28E-07	3.34E-07	2.04E-06	2.10E-06	2.27E-07	2.24E-07	5.5493E-04
607087.8	4201268.22	31480.43791	0.05889	0.05929	0.22864	0.23732	0.06347	0.06271	5.37E-04	3.55E-07	3.62E-07	2.23E-06	2.31E-06	2.22E-07	2.19E-07	5.4190E-04
607107.8	4201268.22	30711.78514	0.06363	0.0643	0.2523	0.26265	0.06202	0.06128	5.24E-04	3.83E-07	3.92E-07	2.46E-06	2.55E-06	2.17E-07	2.14E-07	5.2933E-04
607127.8	4201268.22	29962.48147	0.06877	0.06987	0.28122	0.29384	0.06062	0.05988	5.11E-04	4.14E-07	4.26E-07	2.75E-06	2.86E-06	2.12E-07	2.09E-07	5.1721E-04
607147.8	4201268.22	29232.61732	0.07429	0.07602	0.3174	0.33301	0.05925	0.05853	4.98E-04	4.47E-07	4.64E-07	3.10E-06	3.24E-06	2.07E-07	2.05E-07	5.0557E-04
607167.8	4201268.22	28531.80552	0.0796	0.08214	0.36108	0.3808	0.05793	0.05723	4.86E-04	4.79E-07	5.01E-07	3.53E-06	3.70E-06	2.03E-07	2.00E-07	4.9459E-04
607187.8	4201268.22	27849.15478	0.08527	0.08876	0.41782	0.44363	0.05665	0.05596	4.75E-04	5.13E-07	5.41E-07	4.08E-06	4.31E-06	1.98E-07	1.96E-07	4.8419E-04
607207.8	4201268.22	27184.45247	0.09163	0.09608	0.49431	0.52963	0.0554	0.05472	4.63E-04	5.52E-07	5.86E-07	4.83E-06	5.15E-06	1.94E-07	1.91E-07	4.7452E-04
607227.8	4201268.22	26540.85957	0.09881	0.10408	0.59971	0.6508	0.05419	0.05352	4.52E-04	5.95E-07	6.35E-07	5.86E-06	6.33E-06	1.90E-07	1.87E-07	4.6585E-04
607247.8	4201268.22	25919.76289	0.10703	0.11301	0.75095	0.82959	0.05302	0.05237	4.42E-04	6.44E-07	6.89E-07	7.33E-06	8.07E-06	1.86E-07	1.83E-07	4.5858E-04
607267.8	4201268.22	25315.65215	0.11727	0.12423	0.99142	1.12154	0.05188	0.05124	4.32E-04	7.06E-07	7.58E-07	9.68E-06	1.09E-05	1.82E-07	1.79E-07	4.5360E-04
607287.8	4201268.22	24733.56025	0.12866	0.13714	1.40498	1.65468	0.05078	0.05015	4.22E-04	7.75E-07	8.37E-07	1.37E-05	1.61E-05	1.78E-07	1.75E-07	4.5305E-04
607307.8	4201268.22	24171.1412	0.1417	0.15214	2.25491	2.83758	0.04971	0.04909	4.12E-04	8.53E-07	9.28E-07	2.20E-05	2.76E-05	1.74E-07	1.72E-07	4.6344E-04
606527.8	4201288.22	55346.23773	0.0131	0.01326	0.05561	0.05636	0.13232	0.1315	9.43E-04	7.89E-08	8.09E-08	5.43E-07	5.48E-07	4.63E-07	4.60E-07	9.4473E-04
606547.8	4201288.22	54552.52443	0.01354	0.0137	0.0573	0.05809	0.1287	0.12786	9.30E-04	8.15E-08	8.36E-08	5.60E-07	5.65E-07	4.51E-07	4.47E-07	9.3124E-04
606567.8	4201288.22	53749.8736	0.014	0.01417	0.05908	0.05991	0.12523	0.12433	9.16E-04	8.43E-08	8.64E-08	5.77E-07	5.83E-07	4.38E-07	4.34E-07	9.1759E-04
606587.8	4201288.22	52931.30649	0.0145	0.01467	0.061	0.06188	0.12184	0.12092	9.02E-04	8.73E-08	8.95E-08	5.96E-07	6.02E-07	4.27E-07	4.23E-07	9.0368E-04
606607.8	4201288.22	52109.44856	0.01502	0.0152	0.06301	0.06394	0.11858	0.11762	8.88E-04	9.04E-08	9.27E-08	6.15E-07	6.22E-07	4.15E-07	4.11E-07	8.8972E-04
606627.8	4201288.22	51275.79033	0.01556	0.01573	0.0651	0.06609	0.11541	0.11445	8.74E-04	9.37E-08	9.60E-08	6.36E-07	6.43E-07	4.04E-07	4.00E-07	8.7556E-04
606647.8	4201288.22	50434.76436	0.01612	0.0163	0.06733	0.06838	0.11234	0.11137	8.60E-04	9.71E-08	9.94E-08	6.58E-07	6.65E-07	3.93E-07	3.89E-07	8.6127E-04
606667.8	4201288.22	49574.09535	0.01675	0.01693	0.06976	0.07088	0.10936	0.10838	8.45E-04	1.01E-07	1.03E-07	6.81E-07	6.89E-07	3.83E-07	3.79E-07	8.4665E-04
606687.8	4201288.22	48695.81118	0.01742	0.0176	0.07237	0.07358	0.10648	0.10549	8.30E-04	1.05E-07	1.07E-07	7.07E-07	7.16E-07	3.73E-07	3.69E-07	8.3174E-04
606707.8	4201288.22	47794.60205	0.01817	0.01835	0.07525	0.07654	0.10366	0.10267	8.15E-04	1.09E-07	1.12E-07	7.35E-07	7.44E-07	3.63E-07	3.59E-07	8.1645E-04
606727.8	4201288.22	46882.85942	0.01893	0.01912	0.07825	0.07962	0.10095	0.09995	7.99E-04	1.14E-07	1.17E-07	7.64E-07	7.74E-07	3.53E-07	3.49E-07	8.0097E-04
606747.8	4201288.22	45948.93938	0.01979	0.01997	0.08154	0.083	0.09831	0.09731	7.83E-04	1.19E-07	1.22E-07	7.96E-07	8.07E-07	3.44E-07	3.40E-07	7.8513E-04
606767.8	4201288.22	45005.34021	0.02069	0.02087	0.08501	0.08656	0.09576	0.09476	7.67E-04	1.25E-07	1.27E-07	8.30E-07	8.42E-07	3.35E-07	3.31E-07	7.6912E-04
606787.8	4201288.22	44049.95446	0.02165	0.02183	0.08872	0.09035	0.0933	0.0923	7.51E-04	1.30E-07	1.33E-07	8.66E-07	8.79E-07	3.27E-07	3.23E-07	7.5292E-04
606807.8	4201288.22	43085.03792	0.02272	0.0229	0.09275	0.09448	0.0909	0.08991	7.34E-04	1.37E-07	1.40E-07	9.06E-07	9.19E-07	3.18E-07	3.14E-07	7.3656E-04
606827.8	4201288.22	42113.93921	0.0239	0.02408	0.09715	0.09899	0.08857	0.08759	7.18E-04	1.44E-07	1.47E-07	9.49E-07	9.63E-07	3.10E-07	3.06E-07	7.2011E-04
606847.8	4201288.22	41142.05591	0.02551	0.02543	0.10235	0.10447	0.08631	0.08534	7.01E-04	1.54E-07	1.55E-07	1.00E-06	1.02E-06	3.02E-07	2.98E-07	7.0366E-04
606867.8	4201288.22	40180.32147	0.027	0.02717	0.1075	0.10962	0.08413	0.08317	6.85E-04	1.63E-07	1.66E-07	1.05E-06	1.07E-06	2.95E-07	2.91E-07	6.8739E-04
606887.8	4201288.22	39227.73622	0.02857	0.02877	0.11309	0.11541	0.08202	0.08106	6.69E-04	1.72E-07	1.75E-07	1.10E-06	1.12E-06	2.87E-07	2.83E-07	6.7128E-04
606907.8	4201288.22	38286.92351	0.03027	0.03048	0.1193	0.12181	0.07996	0.07902	6.53E-04	1.82E-07	1.86E-07	1.17E-06	1.18E-06	2.80E-07	2.76E-07	6.5539E-04
606927.8	4201288.22	37363.82174	0.03213	0.03232	0.12631	0.12912	0.07797	0.07704	6.37E-04	1.93E-07	1.97E-07	1.23E-06	1.26E-06	2.73E-07	2.69E-07	6.3981E-04
606947.8	4201288.22	36460.18446	0.0342	0.03435	0.13415	0.13731	0.07604	0.07513	6.22E-04	2.06E-07	2.10E-07	1.31E-06	1.34E-06	2.66E-07	2.63E-07	6.2459E-04
606967.8	4201288.22	35579.70799	0.03648	0.03661	0.1428	0.14637	0.07418	0.07328	6.07E-04	2.20E-07	2.23E-07	1.39E-06	1.42E-06	2.60E-07	2.56E-07	6.0978E-04
606987.8	4201288.22	34718.30434	0.03907	0.03916	0.15272	0.15685	0.07237	0.07148	5.92E-04	2.35E-07	2.39E-07	1.49E-06	1.53E-06	2.53E-07	2.50E-07	5.9533E-04
607007.8	4201288.22	33875.47815	0.04203	0.04209	0.1642	0.16896	0.07061	0.06973	5.77E-04	2.53E-07	2.57E-07	1.60E-06	1.64E-06	2.47E-07	2.44E-07	5.8123E-04
607027.8	4201288.22	33057.65396	0.04527	0.04534	0.17727	0.18281	0.0689	0.06804	5.64E-04	2.73E-07	2.77E-07	1.73E-06	1.78E-06	2.41E-07	2.38E-07	5.6759E-04
607047.8	4201288.22	32266.45464	0.04874	0.04886	0.1921	0.19853	0.06726	0.06642	5.50E-04	2.93E-07	2.98E-07	1.88E-06	1.93E-06	2.35E-07	2.32E-07	5.5444E-04
607067.8	4201288.22	31496.07397	0.05252	0.05275	0.20939	0.21696	0.06567	0.06484	5.37E-04	3.16E-07	3.22E-07	2.04E-06	2.11E-06	2.30E-07	2.27E-07	5.4170E-04
607087.8	4201288.22	30747.41327	0.05654	0.05698	0.22969	0.23869	0.06412	0.06331	5.24E-04	3.40E-07	3.48E-07	2.24E-06	2.32E-06	2.25E-07	2.21E-07	5.2940E-04
607107.8	4201288.22	30021.40233	0.0607	0.06146	0.25367	0.26451	0.06263	0.06183	5.12E-04	3.65E-07	3.75E-07	2.48E-06	2.57E-06	2.19E-07	2.16E-07	5.1756E-04
607127.8	4201288.22	29310.07201	0.0652	0.06644	0.28345	0.29666	0.06117	0.06039	5.00E-04	3.93E-07	4.05E-07	2.77E-06	2.89E-06	2.14E-07	2.11E-07	5.0609E-04
607147.8	4201288.22	28618.72322	0.06983	0.07172	0.32028	0.33677	0.05976	0.05899	4.88E-04	4.20E-07	4.37E-07	3.13E-06	3.28E-06	2.09E-07	2.06E-07	4.9512E-04
607167.8	4201288.22	27951.60524	0.07433	0.07696	0.36549	0.38646	0.0584	0.05765	4.76E-04	4.48E-07	4.69E-07	3.57E-06	3.76E-06	2.04E-07	2.01E-07	4.8473E-04
607187.8	4201288.22	27305.65772	0.07884	0.0822	0.42267	0.44996	0.05708	0.05635	4.65E-04	4.75E-07	5.01E-07	4.13E-06	4.38E-06	2.00E-07	1.97E-07	4.7495E-04
607207.8	4201288.22	26674.92318	0.08401	0.088	0.49968	0.53676	0.0558	0.05508	4.55E-04	5.06E-07	5.37E-07	4.88E-06	5.22E-06	1.95E-07	1.92E-07	4.6587E-04
607227.8	4201288.22	26059.69848	0.09031	0.0948	0.60809	0.66023	0.05456	0.05385	4.44E-04	5.44E-07	5.78E-07	5.94E-06	6.42E-06	1.91E-07	1.88E-07	4.5772E-04
607247.8	4201288.22	25465.75789	0.09736	0.10242	0.76149	0.83973	0.05335	0.05266	4.34E-04	5.86E-07	6.25E-07	7.44E-06	8.17E-06	1.87E-07	1.84E-07	4.5092E-04
607267.8	4201288.22	24891.09916	0.10543	0.11128	0.9991	1.12983	0.05219	0.05152	4.24E-04	6.35E-07	6.79E-07	9.76E-06	1.10E-05	1.83E-07	1.80E-07	4.4637E-04
607287.8	4201288.22	24332.79017	0.11476	0.12172	1.41168	1.66418	0.05106	0.0504	4.15E-04	6.91E-07	7.42E-07	1.38E-05	1.62E-05	1.79E-07	1.76E-07	4.4620E-04
607307.8	4201288.22	23792.69769	0.12528	0.13368	2.25161	2.84877	0.04997	0.04932	4.06E-04	7.54E-07	8.15E-07	2.20E-05	2.77E-05	1.75E-07	1.72E-07	4.5685E-04

606527.8	4201308.22	52989.82844	0.01275	0.0129	0.05564	0.05641	0.13724	0.13615	9.03E-04	7.68E-08	7.87E-08	5.43E-07	5.49E-07	4.81E-07	4.76E-07	9.0455E-04
606547.8	4201308.22	52246.56561	0.01319	0.01333	0.05734	0.05815	0.13328	0.13217	8.91E-04	7.94E-08	8.13E-08	5.60E-07	5.66E-07	4.67E-07	4.62E-07	8.9192E-04
606567.8	4201308.22	51488.57357	0.01367	0.01382	0.05922	0.06007	0.12946	0.12832	8.78E-04	8.23E-08	8.43E-08	5.78E-07	5.84E-07	4.53E-07	4.48E-07	8.7904E-04
606587.8	4201308.22	50718.59762	0.01419	0.01434	0.06119	0.06209	0.12579	0.12462	8.65E-04	8.54E-08	8.75E-08	5.98E-07	6.04E-07	4.40E-07	4.35E-07	8.6596E-04
606607.8	4201308.22	49952.50461	0.01469	0.01484	0.06316	0.06412	0.12225	0.12108	8.52E-04	8.85E-08	9.05E-08	6.17E-07	6.24E-07	4.28E-07	4.23E-07	8.5295E-04
606627.8	4201308.22	49166.76446	0.01525	0.0154	0.06534	0.06635	0.11881	0.11764	8.38E-04	9.18E-08	9.39E-08	6.38E-07	6.45E-07	4.16E-07	4.11E-07	8.3961E-04
606647.8	4201308.22	48380.16182	0.01582	0.01597	0.06758	0.06866	0.1155	0.11433	8.25E-04	9.53E-08	9.74E-08	6.60E-07	6.68E-07	4.04E-07	4.00E-07	8.2625E-04
606667.8	4201308.22	47583.14379	0.01641	0.01656	0.06994	0.07109	0.11231	0.11113	8.11E-04	9.88E-08	1.01E-07	6.83E-07	6.91E-07	3.93E-07	3.88E-07	8.1271E-04
606687.8	4201308.22	46770.20399	0.01705	0.0172	0.07249	0.07372	0.10921	0.10804	7.97E-04	1.03E-07	1.05E-07	7.08E-07	7.17E-07	3.82E-07	3.78E-07	7.9892E-04
606707.8	4201308.22	45938.79566	0.01776	0.01791	0.07529	0.07661	0.10622	0.10505	7.83E-04	1.07E-07	1.09E-07	7.35E-07	7.45E-07	3.72E-07	3.67E-07	7.8481E-04
606727.8	4201308.22	45093.60996	0.01852	0.01866	0.07828	0.07969	0.10332	0.10216	7.69E-04	1.12E-07	1.14E-07	7.64E-07	7.75E-07	3.62E-07	3.57E-07	7.7047E-04
606747.8	4201308.22	44227.5107	0.01937	0.01952	0.08159	0.08309	0.10051	0.09936	7.54E-04	1.17E-07	1.19E-07	7.97E-07	8.08E-07	3.52E-07	3.47E-07	7.5578E-04
606767.8	4201308.22	43357.16402	0.02024	0.02038	0.08502	0.08661	0.09781	0.09667	7.39E-04	1.22E-07	1.24E-07	8.30E-07	8.42E-07	3.42E-07	3.38E-07	7.4102E-04
606787.8	4201308.22	42475.98326	0.02118	0.02131	0.08869	0.09037	0.0952	0.09407	7.24E-04	1.28E-07	1.30E-07	8.66E-07	8.79E-07	3.33E-07	3.29E-07	7.2608E-04
606807.8	4201308.22	41586.94965	0.02219	0.02232	0.09265	0.09444	0.09267	0.09156	7.09E-04	1.34E-07	1.36E-07	9.05E-07	9.19E-07	3.24E-07	3.20E-07	7.1102E-04
606827.8	4201308.22	40686.54817	0.02335	0.02347	0.09707	0.09897	0.09022	0.08912	6.94E-04	1.41E-07	1.43E-07	9.48E-07	9.63E-07	3.16E-07	3.11E-07	6.9577E-04
606847.8	4201308.22	39788.50074	0.02462	0.02473	0.10209	0.1044	0.08784	0.08676	6.78E-04	1.48E-07	1.51E-07	9.97E-07	1.02E-06	3.08E-07	3.03E-07	6.8058E-04
606867.8	4201308.22	38892.56869	0.02633	0.02643	0.10761	0.10976	0.08555	0.08448	6.63E-04	1.59E-07	1.61E-07	1.05E-06	1.07E-06	3.00E-07	2.95E-07	6.6543E-04
606887.8	4201308.22	38006.8643	0.02781	0.02794	0.11314	0.11546	0.08333	0.08228	6.48E-04	1.67E-07	1.70E-07	1.10E-06	1.12E-06	2.92E-07	2.88E-07	6.5046E-04
606907.8	4201308.22	37129.25556	0.02949	0.02962	0.11924	0.1218	0.08118	0.08015	6.33E-04	1.78E-07	1.81E-07	1.16E-06	1.18E-06	2.84E-07	2.80E-07	6.3564E-04
606927.8	4201308.22	36266.39123	0.03131	0.0314	0.1262	0.12906	0.0791	0.07809	6.18E-04	1.89E-07	1.92E-07	1.23E-06	1.26E-06	2.77E-07	2.73E-07	6.2109E-04
606947.8	4201308.22	35416.60888	0.03336	0.03342	0.13407	0.13732	0.07708	0.07609	6.04E-04	2.01E-07	2.04E-07	1.31E-06	1.34E-06	2.70E-07	2.66E-07	6.0679E-04
606967.8	4201308.22	34590.75302	0.03558	0.03561	0.14273	0.14635	0.07514	0.07416	5.90E-04	2.14E-07	2.17E-07	1.39E-06	1.42E-06	2.63E-07	2.59E-07	5.9291E-04
606987.8	4201308.22	33776.91347	0.03814	0.03815	0.15277	0.15694	0.07325	0.07229	5.76E-04	2.30E-07	2.33E-07	1.49E-06	1.53E-06	2.56E-07	2.53E-07	5.7927E-04
607007.8	4201308.22	32985.06689	0.04095	0.04094	0.16423	0.16903	0.07142	0.07048	5.62E-04	2.47E-07	2.50E-07	1.60E-06	1.64E-06	2.50E-07	2.46E-07	5.6603E-04
607027.8	4201308.22	32215.39909	0.04399	0.04401	0.17722	0.18282	0.06966	0.06873	5.49E-04	2.65E-07	2.68E-07	1.73E-06	1.78E-06	2.44E-07	2.40E-07	5.5321E-04
607047.8	4201308.22	31470.15759	0.04718	0.04728	0.19205	0.19855	0.06796	0.06705	5.36E-04	2.84E-07	2.88E-07	1.88E-06	1.93E-06	2.38E-07	2.34E-07	5.4084E-04
607067.8	4201308.22	30741.38136	0.05063	0.0509	0.20959	0.21719	0.06631	0.06542	5.24E-04	3.05E-07	3.10E-07	2.05E-06	2.11E-06	2.32E-07	2.29E-07	5.2882E-04
607087.8	4201308.22	30033.43263	0.05421	0.05474	0.2301	0.23926	0.06471	0.06384	5.12E-04	3.26E-07	3.34E-07	2.25E-06	2.33E-06	2.27E-07	2.23E-07	5.1721E-04
607107.8	4201308.22	29341.43703	0.05798	0.05888	0.25498	0.2661	0.06316	0.06231	5.00E-04	3.49E-07	3.59E-07	2.49E-06	2.59E-06	2.21E-07	2.18E-07	5.0596E-04
607127.8	4201308.22	28670.5142	0.06171	0.06311	0.2848	0.29851	0.06166	0.06083	4.89E-04	3.72E-07	3.85E-07	2.78E-06	2.90E-06	2.16E-07	2.13E-07	4.9518E-04
607147.8	4201308.22	28014.78269	0.06559	0.06759	0.32225	0.33948	0.06021	0.0594	4.78E-04	3.95E-07	4.12E-07	3.15E-06	3.30E-06	2.11E-07	2.08E-07	4.8482E-04
607167.8	4201308.22	27377.36643	0.06957	0.07219	0.36946	0.3914	0.0588	0.05801	4.67E-04	4.19E-07	4.40E-07	3.61E-06	3.81E-06	2.06E-07	2.03E-07	4.7497E-04
607187.8	4201308.22	26764.64532	0.07334	0.07647	0.42761	0.4563	0.05745	0.05668	4.56E-04	4.42E-07	4.66E-07	4.18E-06	4.44E-06	2.01E-07	1.98E-07	4.6577E-04
607207.8	4201308.22	26166.58742	0.07769	0.0812	0.50504	0.54345	0.05614	0.05538	4.46E-04	4.68E-07	4.95E-07	4.93E-06	5.29E-06	1.97E-07	1.94E-07	4.5724E-04
607227.8	4201308.22	25581.48815	0.08284	0.08675	0.61169	0.66554	0.05487	0.05413	4.36E-04	4.99E-07	5.29E-07	5.97E-06	6.47E-06	1.92E-07	1.89E-07	4.4956E-04
607247.8	4201308.22	25014.88569	0.08878	0.09309	0.76579	0.84623	0.05364	0.05291	4.26E-04	5.35E-07	5.68E-07	7.48E-06	8.23E-06	1.88E-07	1.85E-07	4.4324E-04
607267.8	4201308.22	24466.15686	0.09557	0.10049	1.00584	1.13766	0.05245	0.05174	4.17E-04	5.75E-07	6.13E-07	9.82E-06	1.11E-05	1.84E-07	1.81E-07	4.3915E-04
607287.8	4201308.22	23933.18899	0.10327	0.10905	1.42235	1.67258	0.0513	0.0506	4.08E-04	6.22E-07	6.65E-07	1.39E-05	1.63E-05	1.80E-07	1.77E-07	4.3943E-04
607307.8	4201308.22	23416.1193	0.11189	0.11877	2.26925	2.85812	0.05018	0.04951	3.99E-04	6.74E-07	7.24E-07	2.22E-05	2.78E-05	1.76E-07	1.73E-07	4.5053E-04
606527.8	4201328.22	50796.01254	0.01245	0.01257	0.0557	0.05649	0.142	0.14062	8.66E-04	7.50E-08	7.67E-08	5.44E-07	5.49E-07	4.97E-07	4.91E-07	8.6715E-04
606547.8	4201328.22	50096.57677	0.01289	0.01302	0.05746	0.05829	0.13768	0.13631	8.54E-04	7.76E-08	7.94E-08	5.61E-07	5.67E-07	4.82E-07	4.76E-07	8.5527E-04
606567.8	4201328.22	49383.74664	0.01339	0.01352	0.05938	0.06026	0.13355	0.13215	8.42E-04	8.06E-08	8.25E-08	5.80E-07	5.86E-07	4.68E-07	4.62E-07	8.4316E-04
606587.8	4201328.22	48653.39935	0.01394	0.01407	0.06147	0.06239	0.12955	0.12815	8.29E-04	8.39E-08	8.58E-08	6.00E-07	6.07E-07	4.54E-07	4.48E-07	8.3076E-04
606607.8	4201328.22	47921.54507	0.01451	0.01464	0.06362	0.06459	0.12569	0.1243	8.17E-04	8.74E-08	8.93E-08	6.21E-07	6.28E-07	4.40E-07	4.34E-07	8.1834E-04
606627.8	4201328.22	47187.4174	0.01506	0.01519	0.06577	0.0668	0.122	0.12061	8.04E-04	9.07E-08	9.27E-08	6.42E-07	6.50E-07	4.27E-07	4.21E-07	8.0587E-04
606647.8	4201328.22	46459.40334	0.0156	0.01572	0.06794	0.06904	0.11846	0.11709	7.92E-04	9.39E-08	9.59E-08	6.63E-07	6.71E-07	4.15E-07	4.09E-07	7.9351E-04
606667.8	4201328.22	45720.32219	0.01617	0.01629	0.07025	0.07142	0.11506	0.1137	7.79E-04	9.74E-08	9.94E-08	6.86E-07	6.95E-07	4.03E-07	3.97E-07	7.8096E-04
606687.8	4201328.22	44968.52934	0.01677	0.01689	0.07273	0.07398	0.11178	0.11044	7.67E-04	1.01E-07	1.03E-07	7.10E-07	7.20E-07	3.91E-07	3.86E-07	7.6820E-04
606707.8	4201328.22	44207.13161	0.01741	0.01752	0.07533	0.07667	0.10863	0.1073	7.54E-04	1.05E-07	1.07E-07	7.36E-07	7.46E-07	3.80E-07	3.75E-07	7.5528E-04
606727.8	4201328.22	43422.24791	0.01816	0.01826	0.0783	0.07974	0.10555	0.10424	7.40E-04	1.09E-07	1.11E-07	7.65E-07	7.76E-07	3.70E-07	3.64E-07	7.4197E-04
606747.8	4201328.22	42623.25466	0.01897	0.01907	0.08151	0.08304	0.10259	0.1013	7.27E-04	1.14E-07	1.16E-07	7.96E-07	8.08E-07	3.59E-07	3.54E-07	7.2842E-04
606767.8	4201328.22	41810.0245	0.01987	0.01997	0.08504	0.08666	0.09972	0.09845	7.13E-04	1.20E-07	1.22E-07	8.30E-07	8.43E-07	3.49E-07	3.44E-07	7.1464E-04
606787.8	4201328.22	40991.04889	0.0208	0.02089	0.08873	0.09046	0.09696	0.09571	6.99E-04	1.25E-07	1.27E-07	8.67E-07	8.80E-07	3.39E-07	3.34E-07	7.0077E-04
606807.8	4201328.22	40168.72803	0.02179	0.02187	0.09265	0.09448	0.09431	0.09308	6.85E-04	1.31E-07	1.33E-07	9.05E-07	9.19E-07	3.30E-07	3.25E-07	6.8684E-04
606827.8	4201328.22	39338.3968	0.02288	0.02295	0.09694	0.09893	0.09174	0.09053	6.71E-04	1.38E-07	1.40E-07	9.47E-07	9.62E-07	3.21E-07	3.16E-07	6.7278E-04
606847.8	4201328.22	38504.28695	0.02411	0.02417	0.10191	0.10429	0.08926	0.08807	6.56E-04	1.45E-07	1.47E-07	9.95E-07	1.01E-06	3.13E-07	3.08E-07	6.5868E-04
606867.8	4201328.22	37671.9849	0.02571	0.02574	0.10746	0.10968	0.08686	0.08569	6.42E-04	1.55E-07	1.57E-07	1.05E-06	1.07E-06	3.04E-07	2.99E-07	6.4462E-04
606887.8	4201328.22	36843.9159	0.0272	0.02727	0.11306	0.11544	0.08454	0.08339	6.28E-04	1.64E-07	1.66E-07	1.10E-06	1.12E-06	2.96E-07	2.91E-07	6.3063E-04
606907.8	4201328.22	36026.34236	0.02883	0.02886	0.11913	0.12173	0.0823	0.08118	6.14E-04	1.74E-07	1.76E-07	1.16E-06	1.18E-06	2.88E-07	2.84E-07	6.1683E-04
606927.8	4201328.22	35218.30183	0.03061	0.03061	0.12598	0.12886	0.08014	0.07904	6.00E-04	1.84E-07	1.87E-07	1.23E-06	1.25E-06	2.81E-07	2.76E-07	6.0321E-04
606947.8	4201328.22	34422.36825	0.0326	0.03258	0.13377	0.137	0.07804	0.07696	5.87E-04	1.96E-07	1.99E-07	1.31E-06	1.33E-06	2.73E-07	2.69E-07	5.8983E-04
606967.8	4201328.22	33641.97697	0.0348	0.03475	0.14243	0.14612	0.07602	0.07496	5.73E-04	2.10E-07	2.12E-07	1.39E-06	1.42E-06	2.66E-07	2.62E-07	5.7672E-04
606987.8	4201328.22	32879.16098	0.03721	0.03716	0.15239	0.15657	0.07406	0.07303	5.60E-04	2.24E-07	2.27E-07	1.49E-06	1.52E-06	2.59E-07	2.55E-07	5.6395E-04
607007.8	4201328.22	32131.5553	0.03988	0.03984	0.16379	0.16859	0.07217	0.07116	5.48E-04	2.40E-07	2.43E-07	1.60E-06	1.64E-06	2.53E-07	2.49E-07	5.5146E-04
607027.8	4201328.22	31402.51103	0.04275	0.04277	0.17685	0.18242	0.07034	0.06935	5.35E-04	2.57E-07	2.61E-07	1.73E-06	1.77E-06	2.46E-07	2.42E-07	5.3933E-04
607047.8	4201328.22	30700.42439	0.04563	0.04577	0.19152	0.19799	0.06859	0.06762	5.23E-04	2.75E-07	2.79E-07	1.87E-06	1.93E-06	2.40E-07	2.36E-07	5.2769E-04
607067.8	4201328.22	30011.2404	0.04871	0.04906	0.20906	0.21661	0.06688	0.06594	5.12E-04	2.93E-07	2.99E-07	2.04E-06	2.11E-06	2.34E-07	2.30E-07	5.1634E-04
607087.8	4201328.22	29336.34107	0.05195	0.0526	0.23008	0.23923	0.06523	0.06431	5.00E-04	3.13E-07	3.21E-07	2.25E-06	2.33E-06	2.28E-07	2.25E-07	5.0530E-04
607107.8	4201328.22	28680.65049	0.05518	0.05623	0.25517	0.2664	0.06363	0.06273	4.89E-04	3.32E-07	3.43E-07	2.49E-06	2.59E-06	2.23E-07	2.19E-07	4.9467E-04
607127.8	4201328.22	28039.0498	0.05852	0.06006	0.28624	0.30028	0.06208	0.0612	4.78E-04	3.52E-07	3.66E-07	2.80E-06	2.92E-06	2.17E-07	2.14E-07	4.8441E-04
607147.8	4201328.22	27414.45181	0.06182	0.06393	0.32419	0.34159	0.06058	0.05973	4.67E-04	3.72E-07	3.90E-07	3.17E-06	3.32E-06	2.12E-07	2.09E-07	4.7458E-04
607167.8	4201328.22	26808.06443	0.06493	0.06751	0.37016	0.39253	0.05914	0.0583	4.57E-04	3.91E-07	4.12E-07	3.61E-06	3.82E-06	2.07E-07	2.04E-07	4.6523E-04
607187.8	4201328.22	26227.34356	0.06815	0.07106	0.42831	0.45782	0.05776	0.05694	4.47E-04	4.10E-07	4.33E-07	4.18E-06	4.45E-06	2.02E-07	1.99E-07	4.5657E-04
607207.8	4201328.22	25662.1753	0.07184	0.07496	0.50495	0.5451	0.05642	0.05563	4.37E-04	4.33E-07	4.57E-07	4.93E-06	5.30E-06	1.98E-07	1.94E-07	4.4858E-04
607227.8	4201328.22	25107.33104	0.07625	0.07957	0.61066	0.66734	0.05513	0.05435	4.28E-04	4.59E-07	4.85E-07	5.96E-06	6.49E-06	1.93E-07	1.90E-07	4.4140E-04
607247.8	4201328.22	24568.05127	0.08136	0.08502	0.76392	0.84844	0.05387	0.05312	4.19E-04	4.90E-07	5.19E-07	7.46E-06	8.25E-06	1.89E-07	1.86E-07	4.3553E-04
607267.8	4201328.22	24043.62376	0.08714	0.09133	1.00369	1.14056	0.05266	0.05192	4.10E-04	5.25E-07	5.57E-07	9.80E-06	1.11E-05	1.84E-07	1.81E-07	4.3184E-04
607287.8	4201328.22	23536.9656	0.0936	0.09844	1.42281	1.67688	0.05149	0.05077	4.01E-04	5.64E-07	6.00E-07	1.39E-05	1.63E-05	1.80E-07	1.77E-07	4.3260E-04
607307.8	4201328.22	23041.53433	0.10081	0.1065	2.28533	2.86435	0.05035	0.04965	3.93E-04	6.07E-07	6.50E-07	2.23E-05	2.79E-05	1.76E-07	1.74E-07	4.4422E-04
606527.8	4201348.22	48745.46806	0.01219	0.0123	0.05583	0.05664	0.14657	0.1449	8.31E-04	7.34E-08	7.50E-08	5.45E-07	5.51E-07	5.13E-07	5.06E-07	8.3220E-04
606547.8	4201348.22	48079.83078	0.01269	0.0128	0.05776	0.05861	0.1419	0.14022	8.20E-04	7.64E-08	7.81E-08	5.64E-07	5.70E-07	4.97E-07	4.90E-07	8.2090E-04
606567.8	4201348.22	47396.21519	0.01325	0.01336	0.05986	0.06075	0.13739	0.13574	8.08E-04	7.98E-08	8.15E-08	5.85E-07	5.91E-07	4.81E-07	4.74E-07	8.0929E-04
606587.8	4201348.22	46707.73727	0.01381	0.01392	0.06196	0.0629	0.13307	0.13143	7.96E-04	8.32E-08	8.49E-08	6.05E-07	6.12E-07	4.66E-07	4.59E-07	7.9760E-04
606607.8	4201348.22	46020.01089	0.01438	0.01449	0.0641	0.06509	0.12892	0.12731	7.84E-04	8.66E-08	8.84E-08	6.26E-07	6.33E-07	4.51E-07	4.45E-07	7.8593E-04
606627.8	4201348.22	45336.98364	0.01492	0.01502	0.06622	0.06728	0.12499	0.1234	7.73E-04	8.98E-08	9.16E-08	6.47E-07	6.54E-07	4.38E-07	4.31E-07	7.7433E-04
606647.8	4201348.22	44659.49262	0.01544	0.01555	0.06837	0.06949	0.12124	0.11967	7.61E-04	9.30E-08	9.49E-08	6.68E-07	6.76E-07	4.24E-07	4.18E-07	7.6283E-04
606667.8	4201348.22	43972.79474	0.016	0.0161	0.07065	0.07185	0.11764	0.11609	7.50E-04	9.63E-08	9.82E-08	6.90E-07	6.99E-07	4.12E-07	4.06E-07	7.5118E-04
606687.8	4201348.22	43274.13587	0.0166	0.01669	0.0731	0.07438	0.11416	0.11264	7.38E-04	1.00E-07	1.02E-07	7.14E-07	7.23E-07	4.00E-07	3.94E-07	7.3932E-04
606707.8	4201348.22	42571.4451	0.0172	0.01728	0.07563	0.07699	0.11084	0.10935	7.26E-04	1.04E-07	1.05E-07	7.39E-07	7.49E-07	3.88E-07	3.82E-07	7.2740E-04
606727.8	4201348.22	41853.33624	0.01787	0.01794	0.07838	0.07984	0.10763	0.10617	7.13E-04	1.08E-07	1.09E-07	7.65E-07	7.77E-07	3.77E-07	3.71E-07	7.1522E-04
606747.8	4201348.22	41118.90725	0.01861	0.01868	0.08142	0.08298	0.10453	0.10309	7.01E-04	1.12E-07	1.14E-07	7.95E-07	8.07E-07	3.66E-07	3.60E-07	7.0277E-04
606767.8	4201348.22	40361.91255	0.0195	0.01957	0.08494	0.0866	0.10151	0.1001	6.88E-04	1.17E-07	1.19E-07	8.29E-07	8.42E-07	3.55E-07	3.50E-07	6.8995E-04
606787.8	4201348.22	39598.64987	0.02044	0.02049	0.08867	0.09043	0.09861	0.09723	6.75E-04	1.23E-07	1.25E-07	8.66E-07	8.80E-07	3.45E-07	3.40E-07	6.7702E-04
606807.8	4201348.22	38825.84019	0.02149	0.02153	0.09296	0.0951	0.09581	0.09446	6.62E-04	1.29E-07	1.31E-07	9.08E-07	9.25E-07	3.35E-07	3.30E-07	6.6395E-04
606827.8	4201348.22	38058.33762	0.02253	0.02256	0.09714	0.09941	0.09314	0.09181	6.49E-04	1.36E-07	1.38E-07	9.49E-07	9.67E-07	3.26E-07	3.21E-07	6.5096E-04
606847.8	4201348.22	37286.46124	0.02384	0.02371	0.1018	0.1042	0.09055	0.08926	6.36E-04	1.44E-07	1.45E-07	9.94E-07	1.01E-06	3.17E-07	3.12E-07	6.3791E-04
606867.8	4201348.22	36510.95075	0.02522	0.02522	0.10725	0.1095	0.08805	0.08678	6.22E-04	1.52E-07	1.54E-07	1.05E-06	1.06E-06	3.08E-07	3.03E-07	6.2481E-04
606887.8	4201348.22	35738.63722	0.02666	0.02666	0.11285	0.11528	0.08564	0.0844	6.09E-04	1.61E-07	1.63E-07	1.10E-06	1.12E-06	3.00E-07	2.95E-07	6.1178E-04
606907.8	4201348.22	34974.31527	0.02825	0.02822	0.11889	0.12153	0.08332	0.08211	5.96E-04	1.70E-07	1.72E-07	1.16E-06	1.18E-06	2.92E-07	2.87E-07	5.9889E-04
606927.8	4201348.22	34217.31613	0.03	0.02994	0.12572	0.12863	0.08107	0.07989	5.83E-04	1.81E-07	1.83E-07	1.23E-06	1.25E-06	2.84E-07	2.79E-07	5.8614E-04
606947.8	4201348.22	33471.6389	0.03192	0.03183	0.13336	0.1366	0.07891	0.07775	5.71E-04	1.92E-07	1.94E-07	1.30E-06	1.33E-06	2.76E-07	2.72E-07	5.7360E-04
606967.8	4201348.22	32737.73717	0.03403	0.03394	0.14196	0.14567	0.07681	0.07569	5.58E-04	2.05E-07	2.07E-07	1.39E-06	1.42E-06	2.69E-07	2.65E-07	5.6129E-04
606987.8	4201348.22	32020.59492	0.0363	0.03622	0.15161	0.15573	0.0748	0.0737	5.46E-04	2.19E-07	2.21E-07	1.48E-06	1.51E-06	2.62E-07	2.58E-07	5.4928E-04
607007.8	4201348.22	31316.3862	0.03876	0.03873	0.16282	0.16757	0.07284	0.07177	5.34E-04	2.33E-07	2.36E-07	1.59E-06	1.63E-06	2.55E-07	2.51E-07	5.3753E-04
607027.8	4201348.22	30620.72517	0.04148	0.04154	0.17606	0.18158	0.07094	0.0699	5.22E-04	2.50E-07	2.53E-07	1.72E-06	1.77E-06	2.48E-07	2.44E-07	5.2597E-04
607047.8	4201348.22	29952.24241	0.04414	0.04437	0.19085	0.19724	0.06913	0.06811	5.11E-04	2.66E-07	2.71E-07	1.86E-06	1.92E-06	2.42E-07	2.38E-07	5.1491E-04
607067.8	4201348.22	29293.14334	0.04699	0.04746	0.20884	0.21633	0.06736	0.06637	4.99E-04	2.83E-07	2.90E-07	2.04E-06	2.10E-06	2.36E-07	2.32E-07	5.0407E-04
607087.8	4201348.22	28653.00413	0.04982	0.05061	0.23002	0.23917	0.06566	0.0647	4.88E-04	3.00E-07	3.09E-07	2.25E-06	2.33E-06	2.30E-07	2.26E-07	4.9362E-04
607107.8	4201348.22	28029.70572	0.05263	0.05382	0.25556	0.26683	0.06402	0.06308	4.78E-04	3.17E-07	3.28E-07	2.50E-06	2.60E-06	2.24E-07	2.20E-07	4.8355E-04
607127.8	4201348.22	27417.79748	0.05542	0.05709	0.28654	0.30036	0.06243	0.06151	4.67E-04	3.34E-07	3.48E-07	2.80E-06	2.92E-06	2.19E-07	2.15E-07	4.7379E-04
607147.8	4201348.22	26826.72893	0.05793	0.06	0.32315	0.34048	0.0609	0.06	4.57E-04	3.49E-07	3.66E-07	3.16E-06	3.31E-06	2.13E-07	2.10E-07	4.6449E-04
607167.8	4201348.22	26253.02684	0.06049	0.06286	0.36845	0.3908	0.05942	0.05855	4.48E-04	3.64E-07	3.83E-07	3.60E-06	3.80E-06	2.08E-07	2.05E-07	4.5568E-04
607187.8	4201348.22	25699.15186	0.06332	0.06588	0.42602	0.45569	0.05801	0.05716	4.38E-04	3.81E-07	4.02E-07	4.16E-06	4.43E-06	2.03E-07	2.00E-07	4.4746E-04
607207.8	4201348.22	25163.58873	0.0666	0.06928	0.5016	0.54242	0.05665	0.05583	4.29E-04	4.01E-07	4.23E-07	4.90E-06	5.28E-06	1.98E-07	1.95E-07	4.3996E-04
607227.8	4201348.22	24638.32752	0.07048	0.07331	0.60518	0.66373	0.05533	0.05453	4.20E-04	4.24E-07	4.47E-07	5.91E-06	6.46E-06	1.94E-07	1.91E-07	4.3324E-04
607247.8	4201348.22	24124.44732	0.07492	0.07805	0.75487	0.84369	0.05406	0.05327	4.11E-04	4.51E-07	4.76E-07	7.37E-06	8.21E-06	1.89E-07	1.86E-07	4.2775E-04
607267.8	4201348.22	23625.52907	0.07989	0.08345	0.98814	1.13428	0.05282	0.05206	4.03E-04	4.81E-07	5.09E-07	9.65E-06	1.10E-05	1.85E-07	1.82E-07	4.2441E-04
607287.8	4201348.22	23143.01113	0.08538	0.08949	1.39543	1.6688	0.05164	0.05089	3.95E-04	5.14E-07	5.46E-07	1.36E-05	1.62E-05	1.81E-07	1.78E-07	4.2543E-04
607307.8	4201348.22	22669.62098	0.09148	0.09625	2.23712	2.85457	0.05048	0.04976	3.86E-04	5.51E-07	5.87E-07	2.18E-05	2.78E-05	1.77E-07	1.74E-07	4.3719E-04
606527.8	4201368.22	46806.8626	0.01208	0.01217	0.0563	0.05714	0.15086	0.14887	7.98E-04	7.27E-08	7.42E-08	5.50E-07	5.56E-07	5.28E-07	5.20E-07	7.9916E-04
606547.8	4201368.22	46159.07142	0.01266	0.01275	0.05846	0.05933	0.14578	0.14383	7.87E-04	7.62E-08	7.78E-08	5.71E-07	5.77E-07	5.10E-07	5.03E-07	7.8817E-04
606567.8	4201368.22	45517.0695	0.0132	0.01329	0.06049	0.0614	0.14094	0.13902	7.76E-04	7.95E-08	8.11E-08	5.91E-07	5.97E-07	4.93E-07	4.86E-07	7.7727E-04
606587.8	4201368.22	44881.29011	0.01372	0.01381	0.06246	0.06349	0.13635	0.13448	7.65E-04	8.26E-08	8.42E-08	6.10E-07	6.17E-07	4.77E-07	4.70E-07	7.6648E-04
606607.8	4201368.22	44244.57904	0.01451	0.01458	0.06489	0.06589	0.13198	0.13014	7.54E-04	8.74E-08	8.89E-08	6.34E-07	6.41E-07	4.62E-07	4.55E-07	7.5568E-04
606627.8	4201368.22	43597.18462	0.01517	0.01528	0.0671	0.06816	0.12778	0.12598	7.43E-04	9.13E-08	9.32E-08	6.55E-07	6.63E-07	4.47E-07	4.40E-07	7.4470E-04
606647.8	4201368.22	42959.21445	0.01573	0.01584	0.06932	0.07044	0.1238	0.12203	7.32E-04	9.47E-08	9.66E-08	6.77E-07	6.85E-07	4.33E-07	4.26E-07	7.3387E-04
606667.8	4201368.22	42323.52387	0.01626	0.01636	0.0716	0.07279	0.12	0.11827	7.21E-04	9.79E-08	9.98E-08	6.99E-07	7.08E-07	4.20E-07	4.13E-07	7.2309E-04
606687.8	4201368.22	41680.35128	0.01678	0.01687	0.074	0.07529	0.11637	0.11467	7.11E-04	1.01E-07	1.03E-07	7.23E-07	7.32E-07	4.07E-07	4.01E-07	7.1218E-04
606707.8	4201368.22	41027.9057	0.01732	0.01735	0.07652	0.07789	0.11288	0.11122	6.99E-04	1.04E-07	1.06E-07	7.47E-07	7.58E-07	3.95E-07	3.89E-07	7.0111E-04
606727.8	4201368.22	40372.75052	0.01766	0.01771	0.07861	0.0801	0.10954	0.10792	6.88E-04	1.06E-07	1.08E-07	7.68E-07	7.79E-07	3.84E-07	3.77E-07	6.8999E-04
606747.8	4201368.22	39698.94449	0.01834	0.01838	0.08145	0.08304	0.10631	0.10473	6.77E-04	1.10E-07	1.12E-07	7.95E-07	8.08E-07	3.72E-07	3.66E-07	6.7857E-04
606767.8	4201368.22	39000.19335	0.01917	0.0192	0.0848	0.08649	0.10317	0.10163	6.65E-04	1.15E-07	1.17E-07	8.28E-07	8.41E-07	3.61E-07	3.55E-07	6.6673E-04
606787.8	4201368.22	38283.94232	0.02013	0.02015	0.08865	0.09056	0.10012	0.09861	6.53E-04	1.21E-07	1.23E-07	8.66E-07	8.81E-07	3.51E-07	3.45E-07	6.5461E-04
606807.8	4201368.22	37564.51594	0.02135	0.02131	0.09321	0.09512	0.0972	0.09573	6.40E-04	1.29E-07	1.30E-07	9.10E-07	9.25E-07	3.40E-07	3.35E-07	6.4245E-04
606827.8	4201368.22	36847.07521	0.02241	0.02241	0.09748	0.09948	0.09441	0.09297	6.28E-04	1.35E-07	1.37E-07	9.52E-07	9.68E-07	3.31E-07	3.25E-07	6.3032E-04
606847.8	4201368.22	36123.9375	0.02359	0.02359	0.10215	0.10429	0.09171	0.09031	6.16E-04	1.42E-07	1.44E-07	9.98E-07	1.01E-06	3.21E-07	3.16E-07	6.1810E-04
606867.8	4201368.22	35401.64473	0.02486	0.02485	0.10718	0.10946	0.08912	0.08776	6.03E-04	1.50E-07	1.52E-07	1.05E-06	1.06E-06	3.12E-07	3.07E-07	6.0590E-04
606887.8	4201368.22	34679.84289	0.02629	0.02624	0.11269	0.1151	0.08662	0.08529	5.91E-04	1.58E-07	1.60E-07	1.10E-06	1.12E-06	3.03E-07	2.98E-07	5.9372E-04
606907.8	4201368.22	33964.35959	0.02782	0.02774	0.11872	0.12139	0.08422	0.08292	5.79E-04	1.68E-07	1.69E-07	1.16E-06	1.18E-06	2.95E-07	2.90E-07	5.8166E-04
606927.8	4201368.22	33255.86213	0.02951	0.02941	0.12543	0.12837	0.0819	0.08064	5.67E-04	1.78E-07	1.79E-07	1.22E-06	1.25E-06	2.87E-07	2.82E-07	5.6974E-04
606947.8	4201368.22	32556.66661	0.03135	0.03123	0.13292	0.13624	0.07967	0.07844	5.55E-04	1.89E-07	1.91E-07	1.30E-06	1.33E-06	2.79E-07	2.74E-07	5.5799E-04
606967.8	4201368.22	31872.00274	0.0333	0.03319	0.14127	0.1449	0.07752	0.07633	5.43E-04	2.01E-07	2.02E-07	1.38E-06	1.41E-06	2.71E-07	2.67E-07	5.4651E-04
606987.8	4201368.22	31193.57582	0.03545	0.03537	0.1508	0.1549	0.07544	0.07428	5.32E-04	2.13E-07	2.16E-07	1.47E-06	1.51E-06	2.64E-07	2.60E-07	5.3516E-04
607007.8	4201368.22	30530.7043	0.03768	0.03768	0.1617	0.1664	0.07344	0.0723	5.20E-04	2.27E-07	2.30E-07	1.58E-06	1.62E-06	2.57E-07	2.53E-07	5.2411E-04
607027.8	4201368.22	29866.24386	0.04022	0.04035	0.17508	0.18056	0.07147	0.07037	5.09E-04	2.42E-07	2.46E-07	1.71E-06	1.76E-06	2.50E-07	2.46E-07	5.1308E-04
607047.8	4201368.22	29224.35174	0.04271	0.04305	0.19026	0.19646	0.06959	0.06852	4.98E-04	2.57E-07	2.63E-07	1.86E-06	1.91E-06	2.44E-07	2.39E-07	5.0247E-04
607067.8	4201368.22	28590.75229	0.04538	0.04598	0.20882	0.21635	0.06776	0.06672	4.87E-04	2.73E-07	2.80E-07	2.04E-06	2.10E-06	2.37E-07	2.33E-07	4.9208E-04
607087.8	4201368.22	27978.88175	0.04793	0.04888	0.23061	0.23957	0.06601	0.06499	4.77E-04	2.89E-07	2.98E-07	2.25E-06	2.33E-06	2.31E-07	2.27E-07	4.8212E-04
607107.8	4201368.22	27391.62556	0.0501	0.05142	0.25515	0.26604	0.06434	0.06335	4.67E-04	3.02E-07	3.14E-07	2.49E-06	2.59E-06	2.25E-07	2.21E-07	4.7263E-04
607127.8	4201368.22	26817.4341	0.05219	0.05385	0.28474	0.29812	0.06272	0.06176	4.57E-04	3.14E-07	3.28E-07	2.78E-06	2.90E-06	2.20E-07	2.16E-07	4.6347E-04
607147.8	4201368.22	26254.86154	0.05427	0.05622	0.3208	0.33757	0.06116	0.06022	4.48E-04	3.27E-07	3.43E-07	3.13E-06	3.28E-06	2.14E-07	2.10E-07	4.5465E-04
607167.8	4201368.22	25708.0522	0.05649	0.05862	0.36534	0.38689	0.05965	0.05874	4.38E-04	3.40E-07	3.58E-07	3.57E-06	3.76E-06	2.09E-07	2.05E-07	4.4627E-04
607187.8	4201368.22	25177.79435	0.05901	0.06122	0.42179	0.45036	0.0582	0.05732	4.29E-04	3.55E-07	3.73E-07	4.12E-06	4.38E-06	2.04E-07	2.00E-07	4.3843E-04
607207.8	4201368.22	24667.9267	0.06198	0.06426	0.49573	0.53516	0.05682	0.05596	4.21E-04	3.73E-07	3.92E-07	4.84E-06	5.20E-06	1.99E-07	1.96E-07	4.3132E-04
607227.8	4201368.22	24171.89747	0.06542	0.06785	0.59648	0.65371	0.05549	0.05465	4.12E-04	3.94E-07	4.14E-07	5.83E-06	6.36E-06	1.94E-07	1.91E-07	4.2504E-04
607247.8	4201368.22	23684.88198	0.06931	0.07201	0.74095	0.82928	0.05419	0.05338	4.04E-04	4.17E-07	4.39E-07	7.24E-06	8.07E-06	1.90E-07	1.87E-07	4.1991E-04
607267.8	4201368.22	23208.84965	0.07362	0.07669	0.9635	1.11208	0.05294	0.05215	3.96E-04	4.43E-07	4.68E-07	9.41E-06	1.08E-05	1.85E-07	1.82E-07	4.1677E-04
607287.8	4201368.22	22749.77734	0.07836	0.08185	1.34641	1.6324	0.05174	0.05097	3.88E-04	4.72E-07	4.99E-07	1.31E-05	1.59E-05	1.81E-07	1.78E-07	4.1781E-04
607307.8	4201368.22	22299.93277	0.08355	0.08758	2.11922	2.78616	0.05057	0.04983	3.80E-04	5.03E-07	5.34E-07	2.07E-05	2.71E-05	1.77E-07	1.74E-07	4.2897E-04
606527.8	4201388.22	44905.84436	0.01228	0.01236	0.05756	0.05847	0.15458	0.15231	7.66E-04	7.39E-08	7.54E-08	5.62E-07	5.69E-07	5.41E-07	5.32E-07	7.6678E-04
606547.8	4201388.22	44308.17224	0.01311	0.01319	0.05979	0.06067	0.14921	0.14699	7.55E-04	7.89E-08	8.05E-08	5.84E-07	5.90E-07	5.22E-07	5.14E-07	7.5665E-04
606567.8	4201388.22	43722.34305	0.01359	0.01368	0.06162	0.06254	0.14415	0.14198	7.45E-04	8.18E-08	8.34E-08	6.02E-07	6.08E-07	5.05E-07	4.96E-07	7.4670E-04
606587.8	4201388.22	43150.2049	0.01403	0.01412	0.06342	0.06439	0.13938	0.13726	7.36E-04	8.45E-08	8.61E-08	6.19E-07	6.26E-07	4.88E-07	4.80E-07	7.3699E-04
606607.8	4201388.22	42574.57011	0.01448	0.01458	0.06533	0.06635	0.13482	0.13275	7.26E-04	8.72E-08	8.89E-08	6.38E-07	6.45E-07	4.72E-07	4.64E-07	7.2722E-04
606627.8	4201388.22	41982.4011	0.01499	0.01509	0.06742	0.0685	0.13043	0.12841	7.16E-04	9.03E-08	9.20E-08	6.58E-07	6.66E-07	4.57E-07	4.49E-07	7.1717E-04
606647.8	4201388.22	41385.16721	0.01553	0.01562	0.06962	0.07077	0.12623	0.12427	7.05E-04	9.35E-08	9.53E-08	6.80E-07	6.88E-07	4.42E-07	4.34E-07	7.0704E-04
606667.8	4201388.22	40781.24907	0.01609	0.0162	0.07194	0.07317	0.12221	0.1203	6.95E-04	9.69E-08	9.88E-08	7.03E-07	7.12E-07	4.28E-07	4.20E-07	6.9680E-04
606687.8	4201388.22	40176.25416	0.01667	0.01677	0.07443	0.07575	0.11838	0.11652	6.85E-04	1.00E-07	1.02E-07	7.27E-07	7.37E-07	4.14E-07	4.07E-07	6.8654E-04
606707.8	4201388.22	39568.22589	0.01727	0.01736	0.07702	0.07843	0.11472	0.11291	6.75E-04	1.04E-07	1.06E-07	7.52E-07	7.63E-07	4.02E-07	3.95E-07	6.7624E-04
606727.8	4201388.22	38961.069	0.01787	0.01794	0.07966	0.08117	0.11124	0.10947	6.64E-04	1.08E-07	1.09E-07	7.78E-07	7.89E-07	3.89E-07	3.83E-07	6.6595E-04
606747.8	4201388.22	38354.49423	0.01814	0.01816	0.08163	0.08325	0.10793	0.1062	6.54E-04	1.09E-07	1.11E-07	7.97E-07	8.10E-07	3.78E-07	3.71E-07	6.5565E-04
606767.8	4201388.22	37710.24313	0.01891	0.01892	0.0848	0.08653	0.10467	0.10299	6.43E-04	1.14E-07	1.15E-07	8.28E-07	8.42E-07	3.66E-07	3.60E-07	6.4474E-04
606787.8	4201388.22	37040.25929	0.02004	0.0199	0.08895	0.09096	0.10149	0.09986	6.31E-04	1.21E-07	1.21E-07	8.69E-07	8.85E-07	3.55E-07	3.49E-07	6.3341E-04
606807.8	4201388.22	36373.51082	0.02103	0.021	0.0931	0.09503	0.09847	0.09688	6.20E-04	1.27E-07	1.28E-07	9.09E-07	9.24E-07	3.45E-07	3.39E-07	6.2214E-04
606827.8	4201388.22	35700.69653	0.0221	0.02209	0.0974	0.09947	0.09556	0.09402	6.09E-04	1.33E-07	1.35E-07	9.51E-07	9.67E-07	3.35E-07	3.29E-07	6.1077E-04
606847.8	4201388.22	35022.43257	0.02329	0.02326	0.10211	0.10429	0.09276	0.09126	5.97E-04	1.40E-07	1.42E-07	9.97E-07	1.01E-06	3.25E-07	3.19E-07	5.9931E-04
606867.8	4201388.22	34342.79083	0.02458	0.02452	0.10718	0.1095	0.09006	0.08861	5.85E-04	1.48E-07	1.50E-07	1.05E-06	1.06E-06	3.15E-07	3.10E-07	5.8784E-04
606887.8	4201388.22	33667.06235	0.02596	0.02588	0.11265	0.11515	0.08748	0.08606	5.74E-04	1.56E-07	1.58E-07	1.10E-06	1.12E-06	3.06E-07	3.01E-07	5.7645E-04
606907.8	4201388.22	32995.37767	0.02747	0.02737	0.11865	0.12136	0.085	0.08362	5.62E-04	1.65E-07	1.67E-07	1.16E-06	1.18E-06	2.98E-07	2.92E-07	5.6514E-04
606927.8	4201388.22	32332.12934	0.0291	0.02897	0.12525	0.12822	0.08261	0.08128	5.51E-04	1.75E-07	1.77E-07	1.22E-06	1.25E-06	2.89E-07	2.84E-07	5.5398E-04
606947.8	4201388.22	31677.54407	0.03084	0.03071	0.13259	0.13588	0.08032	0.07902	5.40E-04	1.86E-07	1.87E-07	1.29E-06	1.32E-06	2.81E-07	2.76E-07	5.4299E-04
606967.8	4201388.22	31033.77365	0.03267	0.03257	0.14077	0.14442	0.07812	0.07686	5.29E-04	1.97E-07	1.99E-07	1.37E-06	1.40E-06	2.74E-07	2.69E-07	5.3220E-04
606987.8	4201388.22	30398.78257	0.0346	0.03456	0.15004	0.15418	0.076	0.07477	5.18E-04	2.08E-07	2.11E-07	1.47E-06	1.50E-06	2.66E-07	2.61E-07	5.2159E-04
607007.8	4201388.22	29768.6049	0.03667	0.03673	0.16076	0.16543	0.07393	0.07274	5.07E-04	2.21E-07	2.24E-07	1.57E-06	1.61E-06	2.59E-07	2.54E-07	5.1108E-04
607027.8	4201388.22	29119.64102	0.03919	0.03943	0.17495	0.18022	0.07187	0.07072	4.96E-04	2.36E-07	2.41E-07	1.71E-06	1.75E-06	2.52E-07	2.47E-07	5.0033E-04
607047.8	4201388.22	28505.89905	0.0415	0.04196	0.19046	0.19676	0.06994	0.06882	4.86E-04	2.50E-07	2.56E-07	1.86E-06	1.91E-06	2.45E-07	2.40E-07	4.9021E-04
607067.8	4201388.22	27904.14758	0.04377	0.04453	0.20885	0.21624	0.06807	0.06698	4.76E-04	2.64E-07	2.72E-07	2.04E-06	2.10E-06	2.38E-07	2.34E-07	4.8035E-04
607087.8	4201388.22	27327.15088	0.04567	0.04673	0.22939	0.23814	0.06629	0.06523	4.66E-04	2.75E-07	2.85E-07	2.24E-06	2.32E-06	2.32E-07	2.28E-07	4.7096E-04
607107.8	4201388.22	26771.39191	0.04744	0.04879	0.25342	0.26391	0.06459	0.06356	4.56E-04	2.86E-07	2.98E-07	2.47E-06	2.57E-06	2.26E-07	2.22E-07	4.6199E-04
607127.8	4201388.22	26228.71242	0.04915	0.05076	0.28227	0.29508	0.06295	0.06195	4.47E-04	2.96E-07	3.10E-07	2.76E-06	2.87E-06	2.20E-07	2.16E-07	4.5335E-04
607147.8	4201388.22	25695.96744	0.05092	0.05271	0.31748	0.33339	0.06136	0.06039	4.38E-04	3.07E-07	3.22E-07	3.10E-06	3.24E-06	2.15E-07	2.11E-07	4.4501E-04
607167.8	4201388.22	25175.98132	0.05288	0.05476	0.36096	0.38127	0.05983	0.05889	4.29E-04	3.18E-07	3.34E-07	3.53E-06	3.71E-06	2.09E-07	2.06E-07	4.3706E-04
607187.8	4201388.22	24670.40666	0.05517	0.05708	0.41595	0.44261	0.05835	0.05744	4.21E-04	3.32E-07	3.48E-07	4.06E-06	4.30E-06	2.04E-07	2.01E-07	4.2960E-04
607207.8	4201388.22	24178.48168	0.05789	0.05984	0.48758	0.52396	0.05693	0.05604	4.12E-04	3.49E-07	3.65E-07	4.76E-06	5.10E-06	1.99E-07	1.96E-07	4.2274E-04
607227.8	4201388.22	23708.88996	0.06096	0.06305	0.58509	0.63756	0.05558	0.05472	4.04E-04	3.67E-07	3.85E-07	5.71E-06	6.20E-06	1.95E-07	1.91E-07	4.1683E-04

607247.8	4201388.22	23246.0998	0.06439	0.06673	0.72364	0.80433	0.05427	0.05343	3.96E-04	3.88E-07	4.07E-07	7.07E-06	7.82E-06	1.90E-07	1.87E-07	4.1196E-04
607267.8	4201388.22	22796.97408	0.06816	0.07081	0.93522	1.07164	0.05301	0.0522	3.89E-04	4.10E-07	4.32E-07	9.13E-06	1.04E-05	1.86E-07	1.82E-07	4.0901E-04
607287.8	4201388.22	22362.28175	0.07226	0.07528	1.29256	1.55898	0.0518	0.05101	3.81E-04	4.35E-07	4.59E-07	1.26E-05	1.52E-05	1.81E-07	1.78E-07	4.0988E-04
607307.8	4201388.22	21932.03458	0.07677	0.08021	1.98836	2.62369	0.05062	0.04985	3.74E-04	4.62E-07	4.89E-07	1.94E-05	2.55E-05	1.77E-07	1.74E-07	4.1976E-04
606527.8	4201408.22	43104.85212	0.01272	0.01282	0.05872	0.05958	0.15797	0.15541	7.35E-04	7.66E-08	7.82E-08	5.73E-07	5.79E-07	5.53E-07	5.43E-07	7.3611E-04
606547.8	4201408.22	42596.25843	0.01308	0.01317	0.06031	0.06121	0.15251	0.15001	7.26E-04	7.88E-08	8.03E-08	5.89E-07	5.95E-07	5.34E-07	5.24E-07	7.2747E-04
606567.8	4201408.22	42082.10854	0.01345	0.01355	0.06197	0.0629	0.14729	0.14487	7.17E-04	8.10E-08	8.27E-08	6.05E-07	6.12E-07	5.16E-07	5.06E-07	7.1875E-04
606587.8	4201408.22	41562.44226	0.01383	0.01393	0.06369	0.06468	0.14231	0.13996	7.09E-04	8.33E-08	8.50E-08	6.22E-07	6.29E-07	4.98E-07	4.89E-07	7.0993E-04
606607.8	4201408.22	41021.71584	0.01428	0.01438	0.06561	0.06665	0.1375	0.13522	6.99E-04	8.60E-08	8.77E-08	6.41E-07	6.48E-07	4.81E-07	4.73E-07	7.0075E-04
606627.8	4201408.22	40464.78436	0.0148	0.01489	0.06771	0.06881	0.13288	0.13066	6.90E-04	8.91E-08	9.08E-08	6.61E-07	6.69E-07	4.65E-07	4.57E-07	6.9131E-04
606647.8	4201408.22	39899.7169	0.01534	0.01543	0.06994	0.07112	0.12845	0.1263	6.80E-04	9.24E-08	9.41E-08	6.83E-07	6.92E-07	4.50E-07	4.41E-07	6.8172E-04
606667.8	4201408.22	39343.87976	0.01588	0.01596	0.07222	0.07348	0.12427	0.12218	6.71E-04	9.56E-08	9.74E-08	7.05E-07	7.15E-07	4.35E-07	4.27E-07	6.7230E-04
606687.8	4201408.22	38784.69552	0.01644	0.01651	0.07463	0.07598	0.12028	0.11825	6.61E-04	9.90E-08	1.01E-07	7.29E-07	7.39E-07	4.21E-07	4.13E-07	6.6282E-04
606707.8	4201408.22	38211.13456	0.01705	0.01712	0.07727	0.0787	0.11645	0.11447	6.51E-04	1.03E-07	1.04E-07	7.55E-07	7.65E-07	4.08E-07	4.00E-07	6.5310E-04
606727.8	4201408.22	37633.59431	0.01769	0.01776	0.08005	0.08159	0.11279	0.11087	6.42E-04	1.07E-07	1.08E-07	7.82E-07	7.94E-07	3.95E-07	3.87E-07	6.4332E-04
606747.8	4201408.22	37057.94694	0.01835	0.01839	0.08288	0.08454	0.10931	0.10745	6.32E-04	1.10E-07	1.12E-07	8.09E-07	8.22E-07	3.83E-07	3.75E-07	6.3357E-04
606767.8	4201408.22	36480.56682	0.01893	0.01889	0.08557	0.08732	0.10599	0.10418	6.22E-04	1.14E-07	1.15E-07	8.36E-07	8.49E-07	3.71E-07	3.64E-07	6.2379E-04
606787.8	4201408.22	35858.07393	0.01987	0.01988	0.08937	0.09126	0.10271	0.10095	6.11E-04	1.20E-07	1.21E-07	8.73E-07	8.88E-07	3.60E-07	3.53E-07	6.1327E-04
606807.8	4201408.22	35249.0269	0.0207	0.02063	0.09288	0.09486	0.09961	0.09791	6.01E-04	1.25E-07	1.26E-07	9.07E-07	9.23E-07	3.49E-07	3.42E-07	6.0296E-04
606827.8	4201408.22	34613.20279	0.02182	0.02178	0.09735	0.09944	0.09658	0.09493	5.90E-04	1.31E-07	1.33E-07	9.51E-07	9.67E-07	3.38E-07	3.32E-07	5.9223E-04
606847.8	4201408.22	33977.74878	0.023	0.02293	0.10203	0.10427	0.09369	0.09209	5.79E-04	1.38E-07	1.40E-07	9.96E-07	1.01E-06	3.28E-07	3.22E-07	5.8150E-04
606867.8	4201408.22	33341.22161	0.02426	0.02417	0.10706	0.10945	0.09091	0.08936	5.68E-04	1.46E-07	1.47E-07	1.05E-06	1.06E-06	3.18E-07	3.12E-07	5.7076E-04
606887.8	4201408.22	32704.9296	0.02565	0.02553	0.11255	0.11511	0.08824	0.08674	5.58E-04	1.54E-07	1.56E-07	1.10E-06	1.12E-06	3.09E-07	3.03E-07	5.6004E-04
606907.8	4201408.22	32074.13876	0.02712	0.02699	0.1185	0.12126	0.08568	0.08423	5.47E-04	1.63E-07	1.65E-07	1.16E-06	1.18E-06	3.00E-07	2.94E-07	5.4943E-04
606927.8	4201408.22	31437.03862	0.0288	0.02866	0.12524	0.1283	0.0832	0.08179	5.36E-04	1.73E-07	1.75E-07	1.22E-06	1.25E-06	2.91E-07	2.86E-07	5.3872E-04
606947.8	4201408.22	30820.96434	0.03046	0.03034	0.1325	0.13587	0.08085	0.07948	5.25E-04	1.83E-07	1.85E-07	1.29E-06	1.32E-06	2.83E-07	2.78E-07	5.2838E-04
606967.8	4201408.22	30213.06765	0.03218	0.03212	0.14063	0.14437	0.07859	0.07726	5.15E-04	1.94E-07	1.96E-07	1.37E-06	1.40E-06	2.75E-07	2.70E-07	5.1820E-04
606987.8	4201408.22	29611.88397	0.03398	0.034	0.14995	0.15406	0.07641	0.07512	5.05E-04	2.05E-07	2.07E-07	1.46E-06	1.50E-06	2.68E-07	2.63E-07	5.0816E-04
607007.8	4201408.22	28990.13726	0.03614	0.0363	0.16177	0.16638	0.07424	0.073	4.94E-04	2.18E-07	2.21E-07	1.58E-06	1.62E-06	2.60E-07	2.55E-07	4.9783E-04
607027.8	4201408.22	28362.21095	0.03848	0.03886	0.17636	0.18183	0.07212	0.07092	4.83E-04	2.32E-07	2.37E-07	1.72E-06	1.77E-06	2.53E-07	2.48E-07	4.8744E-04
607047.8	4201408.22	27787.53226	0.04024	0.04083	0.19111	0.19737	0.07016	0.069	4.74E-04	2.42E-07	2.49E-07	1.87E-06	1.92E-06	2.46E-07	2.41E-07	4.7797E-04
607067.8	4201408.22	27230.28033	0.04189	0.04273	0.20808	0.21532	0.06829	0.06716	4.64E-04	2.52E-07	2.61E-07	2.03E-06	2.09E-06	2.39E-07	2.35E-07	4.6883E-04
607087.8	4201408.22	26688.06309	0.04342	0.04452	0.22788	0.23639	0.06649	0.06539	4.55E-04	2.61E-07	2.72E-07	2.23E-06	2.30E-06	2.33E-07	2.29E-07	4.6000E-04
607107.8	4201408.22	26163.65771	0.04488	0.04621	0.25122	0.26136	0.06477	0.0637	4.46E-04	2.70E-07	2.82E-07	2.45E-06	2.54E-06	2.27E-07	2.23E-07	4.5155E-04
607127.8	4201408.22	25652.87993	0.04632	0.04783	0.2792	0.29147	0.06311	0.06207	4.37E-04	2.79E-07	2.92E-07	2.73E-06	2.83E-06	2.21E-07	2.17E-07	4.4343E-04
607147.8	4201408.22	25149.9273	0.04788	0.04948	0.31331	0.32842	0.0615	0.0605	4.29E-04	2.88E-07	3.02E-07	3.06E-06	3.19E-06	2.15E-07	2.11E-07	4.3557E-04
607167.8	4201408.22	24657.5603	0.04966	0.05129	0.35548	0.37448	0.05995	0.05898	4.20E-04	2.99E-07	3.13E-07	3.47E-06	3.64E-06	2.10E-07	2.06E-07	4.2806E-04
607187.8	4201408.22	24175.83985	0.05178	0.05341	0.40875	0.43334	0.05846	0.05751	4.12E-04	3.12E-07	3.26E-07	3.99E-06	4.21E-06	2.05E-07	2.01E-07	4.2096E-04
607207.8	4201408.22	23706.42351	0.05424	0.05592	0.47785	0.51085	0.05701	0.0561	4.04E-04	3.27E-07	3.41E-07	4.67E-06	4.97E-06	2.00E-07	1.96E-07	4.1442E-04
607227.8	4201408.22	23252.09612	0.05702	0.05884	0.57107	0.61753	0.05563	0.05474	3.96E-04	3.43E-07	3.59E-07	5.58E-06	6.01E-06	1.95E-07	1.91E-07	4.0866E-04
607247.8	4201408.22	22813.56255	0.06009	0.06213	0.70348	0.77329	0.05431	0.05345	3.89E-04	3.62E-07	3.79E-07	6.87E-06	7.52E-06	1.90E-07	1.87E-07	4.0403E-04
607267.8	4201408.22	22394.08813	0.06334	0.06566	0.90513	1.02084	0.05305	0.05222	3.82E-04	3.81E-07	4.01E-07	8.84E-06	9.93E-06	1.86E-07	1.82E-07	4.0130E-04
607287.8	4201408.22	21980.04377	0.06695	0.06955	1.23794	1.45686	0.05183	0.05102	3.75E-04	4.03E-07	4.24E-07	1.21E-05	1.42E-05	1.81E-07	1.78E-07	4.0178E-04
607307.8	4201408.22	21569.25027	0.07088	0.07385	1.86778	2.36873	0.05064	0.04985	3.68E-04	4.27E-07	4.50E-07	1.82E-05	2.30E-05	1.77E-07	1.74E-07	4.0984E-04
606533.18	4201421.18	41917.38214	0.01273	0.01283	0.05932	0.06018	0.15869	0.15596	7.15E-04	7.67E-08	7.83E-08	5.79E-07	5.85E-07	5.56E-07	5.45E-07	7.1588E-04
606553.18	4201421.18	41453.99134	0.01303	0.01311	0.06087	0.0618	0.1532	0.15056	7.07E-04	7.85E-08	8.00E-08	5.94E-07	6.01E-07	5.36E-07	5.26E-07	7.0801E-04
606573.18	4201421.18	40957.03408	0.01341	0.01349	0.06256	0.06352	0.14786	0.1453	6.98E-04	8.07E-08	8.23E-08	6.11E-07	6.18E-07	5.18E-07	5.08E-07	6.9958E-04
606593.18	4201421.18	40457.026	0.01379	0.01388	0.06431	0.06533	0.14278	0.1403	6.90E-04	8.30E-08	8.47E-08	6.28E-07	6.35E-07	5.00E-07	4.90E-07	6.9109E-04
606613.18	4201421.18	39940.29084	0.01425	0.01433	0.06623	0.06731	0.13789	0.13548	6.81E-04	8.58E-08	8.74E-08	6.47E-07	6.55E-07	4.83E-07	4.73E-07	6.8233E-04
606633.18	4201421.18	39395.72478	0.01479	0.01486	0.06841	0.06956	0.13315	0.13082	6.72E-04	8.91E-08	9.06E-08	6.68E-07	6.77E-07	4.66E-07	4.57E-07	6.7310E-04
606653.18	4201421.18	38838.25991	0.01537	0.01546	0.07076	0.072	0.1286	0.12634	6.62E-04	9.25E-08	9.43E-08	6.91E-07	7.00E-07	4.50E-07	4.42E-07	6.6365E-04
606673.18	4201421.18	38298.64322	0.01593	0.01601	0.07313	0.07445	0.12433	0.12215	6.53E-04	9.59E-08	9.77E-08	7.14E-07	7.24E-07	4.35E-07	4.27E-07	6.5450E-04
606693.18	4201421.18	37769.76458	0.01647	0.01654	0.07557	0.07694	0.12031	0.11819	6.44E-04	9.92E-08	1.01E-07	7.38E-07	7.48E-07	4.21E-07	4.13E-07	6.4554E-04
606713.18	4201421.18	37220.98016	0.0171	0.01715	0.07821	0.07971	0.11643	0.11438	6.34E-04	1.03E-07	1.05E-07	7.64E-07	7.75E-07	4.08E-07	4.00E-07	6.3625E-04
606727.8	4201423.25	36689.70065	0.01755	0.01759	0.0803	0.08185	0.11385	0.11183	6.25E-04	1.06E-07	1.07E-07	7.84E-07	7.96E-07	3.99E-07	3.91E-07	6.2724E-04
606747.8	4201423.25	36138.45658	0.01822	0.01826	0.0832	0.08488	0.11026	0.1083	6.16E-04	1.10E-07	1.11E-07	8.13E-07	8.26E-07	3.86E-07	3.78E-07	6.1790E-04
606767.8	4201423.25	35584.5705	0.01892	0.01893	0.08617	0.08798	0.10684	0.10494	6.07E-04	1.14E-07	1.15E-07	8.42E-07	8.56E-07	3.74E-07	3.67E-07	6.0853E-04
606787.8	4201423.25	35009.7942	0.01974	0.01973	0.08956	0.09149	0.10352	0.10168	5.97E-04	1.19E-07	1.20E-07	8.75E-07	8.90E-07	3.62E-07	3.55E-07	5.9881E-04
606807.8	4201423.25	34441.85711	0.02048	0.02032	0.09268	0.09472	0.10038	0.0986	5.87E-04	1.23E-07	1.24E-07	9.05E-07	9.21E-07	3.51E-07	3.45E-07	5.8920E-04
606827.8	4201428.22	33590.78959	0.02149	0.0214	0.09694	0.0991	0.0975	0.09575	5.73E-04	1.29E-07	1.31E-07	9.47E-07	9.64E-07	3.41E-07	3.35E-07	5.7479E-04
606847.8	4201428.22	32988.7221	0.02271	0.02261	0.10184	0.10415	0.0945	0.09281	5.62E-04	1.37E-07	1.38E-07	9.95E-07	1.01E-06	3.31E-07	3.24E-07	5.6463E-04
606867.8	4201428.22	32392.10993	0.02395	0.02383	0.10682	0.10928	0.09164	0.09001	5.52E-04	1.44E-07	1.45E-07	1.04E-06	1.06E-06	3.21E-07	3.15E-07	5.5458E-04
606887.8	4201428.22	31793.54394	0.02531	0.02518	0.11229	0.11493	0.0889	0.08732	5.42E-04	1.52E-07	1.54E-07	1.10E-06	1.12E-06	3.11E-07	3.05E-07	5.4450E-04
606907.8	4201428.22	31172.69392	0.02693	0.0268	0.11887	0.12174	0.08621	0.08468	5.31E-04	1.62E-07	1.63E-07	1.16E-06	1.18E-06	3.02E-07	2.96E-07	5.3407E-04
606927.8	4201428.22	30537.04321	0.02881	0.0287	0.12636	0.12945	0.08358	0.08211	5.21E-04	1.73E-07	1.75E-07	1.23E-06	1.26E-06	2.93E-07	2.87E-07	5.2340E-04
606947.8	4201428.22	29937.84007	0.03058	0.03051	0.13427	0.13775	0.08114	0.07971	5.10E-04	1.84E-07	1.86E-07	1.31E-06	1.34E-06	2.84E-07	2.79E-07	5.1337E-04
606967.8	4201428.22	29356.74326	0.03225	0.03228	0.14275	0.14661	0.07881	0.07743	5.00E-04	1.94E-07	1.97E-07	1.39E-06	1.43E-06	2.76E-07	2.71E-07	5.0365E-04
606987.8	4201428.22	28773.05427	0.03394	0.03408	0.15261	0.15689	0.07656	0.07522	4.90E-04	2.04E-07	2.08E-07	1.49E-06	1.53E-06	2.68E-07	2.63E-07	4.9392E-04
607007.8	4201428.22	28186.46577	0.03559	0.03587	0.1639	0.16871	0.07436	0.07306	4.80E-04	2.14E-07	2.19E-07	1.60E-06	1.64E-06	2.60E-07	2.55E-07	4.8416E-04
607027.8	4201428.22	27619.9436	0.03712	0.03757	0.17639	0.18183	0.07227	0.07102	4.71E-04	2.24E-07	2.29E-07	1.72E-06	1.77E-06	2.53E-07	2.48E-07	4.7478E-04
607047.8	4201428.22	27087.83909	0.03857	0.03923	0.19049	0.19668	0.07031	0.06909	4.62E-04	2.32E-07	2.39E-07	1.86E-06	1.91E-06	2.46E-07	2.41E-07	4.6601E-04
607067.8	4201428.22	26576.32892	0.03993	0.04082	0.20677	0.21395	0.06844	0.06726	4.53E-04	2.40E-07	2.49E-07	2.02E-06	2.08E-06	2.40E-07	2.35E-07	4.5763E-04
607087.8	4201428.22	26070.86382	0.0412	0.0423	0.22589	0.23428	0.06663	0.06549	4.44E-04	2.48E-07	2.58E-07	2.21E-06	2.28E-06	2.33E-07	2.29E-07	4.4942E-04
607107.8	4201428.22	25575.00896	0.04243	0.0437	0.24853	0.25845	0.06488	0.06378	4.36E-04	2.55E-07	2.67E-07	2.43E-06	2.51E-06	2.27E-07	2.23E-07	4.4143E-04
607127.8	4201428.22	25092.66277	0.04371	0.04508	0.27561	0.28749	0.06321	0.06214	4.28E-04	2.63E-07	2.75E-07	2.69E-06	2.80E-06	2.21E-07	2.17E-07	4.3378E-04
607147.8	4201428.22	24619.51312	0.04512	0.04654	0.30851	0.32299	0.06159	0.06056	4.20E-04	2.72E-07	2.84E-07	3.01E-06	3.14E-06	2.16E-07	2.12E-07	4.2639E-04
607167.8	4201428.22	24152.44104	0.04678	0.04819	0.34915	0.36716	0.06003	0.05902	4.12E-04	2.82E-07	2.94E-07	3.41E-06	3.57E-06	2.10E-07	2.06E-07	4.1928E-04
607187.8	4201428.22	23692.03151	0.04872	0.05013	0.40034	0.42328	0.05851	0.05754	4.04E-04	2.93E-07	3.06E-07	3.91E-06	4.12E-06	2.05E-07	2.01E-07	4.1250E-04
607207.8	4201428.22	23244.33081	0.05095	0.05242	0.46655	0.49668	0.05705	0.05611	3.96E-04	3.07E-07	3.20E-07	4.56E-06	4.83E-06	2.00E-07	1.96E-07	4.0625E-04
607227.8	4201428.22	22809.60038	0.05345	0.05505	0.55529	0.59667	0.05565	0.05474	3.89E-04	3.22E-07	3.36E-07	5.42E-06	5.80E-06	1.95E-07	1.91E-07	4.0071E-04
607247.8	4201428.22	22395.87696	0.0562	0.058	0.68118	0.74188	0.05432	0.05344	3.82E-04	3.38E-07	3.54E-07	6.65E-06	7.22E-06	1.90E-07	1.87E-07	3.9634E-04
607267.8	4201428.22	22003.02639	0.05906	0.0611	0.87122	0.96824	0.05307	0.05221	3.75E-04	3.56E-07	3.73E-07	8.51E-06	9.42E-06	1.86E-07	1.82E-07	3.9373E-04
607287.8	4201428.22	21602.6431	0.06228	0.06454	1.17803	1.35098	0.05182	0.05099	3.68E-04	3.75E-07	3.94E-07	1.15E-05	1.31E-05	1.81E-07	1.78E-07	3.9367E-04
607307.8	4201428.22	21211.20141	0.06574	0.06832	1.74669	2.11236	0.05062	0.04982	3.62E-04	3.96E-07	4.17E-07	1.71E-05	2.05E-05	1.77E-07	1.74E-07	4.0000E-04
606357.31	4200991.9	164326.6741	0.01936	0.01997	0.04194	0.04193	0.05549	0.0574	2.80E-03	1.17E-07	1.22E-07	4.10E-07	4.08E-07	1.94E-07	2.01E-07	2.8023E-03
606373.3	4200990.76	163923.3575	0.01998	0.02061	0.04263	0.04261	0.0557	0.05756	2.79E-03	1.20E-07	1.26E-07	4.16E-07	4.14E-07	1.95E-07	2.01E-07	2.7954E-03
606393.3	4200990.76	161959.5082	0.02064	0.02131	0.04354	0.04351	0.05627	0.05807	2.76E-03	1.24E-07	1.30E-07	4.25E-07	4.23E-07	1.97E-07	2.03E-07	2.7620E-03
606413.3	4200990.76	159485.0526	0.02134	0.02204	0.04449	0.04446	0.05678	0.05851	2.72E-03	1.28E-07	1.34E-07	4.34E-07	4.32E-07	1.99E-07	2.04E-07	2.7198E-03
606433.3	4200990.76	156504.9214	0.0221	0.02283	0.04549	0.04545	0.05722	0.05888	2.67E-03	1.33E-07	1.39E-07	4.44E-07	4.42E-07	2.00E-07	2.06E-07	2.6691E-03
606453.3	4200990.76	153170.2675	0.02291	0.02369	0.04655	0.04649	0.05759	0.05918	2.61E-03	1.38E-07	1.45E-07	4.55E-07	4.52E-07	2.02E-07	2.07E-07	2.6123E-03
606473.3	4200990.76	149741.2361	0.02378	0.02461	0.04765	0.04752	0.0579	0.05942	2.55E-03	1.43E-07	1.50E-07	4.65E-07	4.62E-07	2.03E-07	2.08E-07	2.5538E-03
606493.3	4200990.76	146453.9598	0.02466	0.02555	0.04863	0.04822	0.05815	0.05959	2.50E-03	1.48E-07	1.56E-07	4.75E-07	4.69E-07	2.04E-07	2.08E-07	2.4978E-03
606513.3	4200990.76	143553.6835	0.02566	0.02654	0.04975	0.0494	0.05834	0.05971	2.45E-03	1.55E-07	1.62E-07	4.86E-07	4.80E-07	2.04E-07	2.09E-07	2.4484E-03
606355.59	4201005.6	153451.2372	0.01844	0.01901	0.04216	0.0422	0.05877	0.06076	2.62E-03	1.11E-07	1.16E-07	4.12E-07	4.10E-07	2.06E-07	2.12E-07	2.6169E-03
606375.59	4201005.6	151781.5209	0.01908	0.01968	0.0431	0.04313	0.05936	0.06128	2.59E-03	1.15E-07	1.20E-07	4.21E-07	4.19E-07	2.08E-07	2.14E-07	2.5885E-03
606393.3	4201010.76	146364.1917	0.01933	0.01994	0.04407	0.04412	0.06109	0.06295	2.50E-03	1.16E-07	1.22E-07	4.30E-07	4.29E-07	2.14E-07	2.20E-07	2.4961E-03
606413.3	4201010.76	144206.3253	0.02	0.02065	0.04508	0.04512	0.0615	0.06329	2.46E-03	1.20E-07	1.26E-07	4.40E-07	4.39E-07	2.15E-07	2.21E-07	2.4594E-03
606433.3	4201010.76	141720.0644	0.02073	0.0214	0.04614	0.04618	0.06184	0.06354	2.42E-03	1.25E-07	1.31E-07	4.51E-07	4.49E-07	2.17E-07	2.22E-07	2.4170E-03
606453.3	4201010.76	139017.1707	0.02148	0.0222	0.04724	0.04727	0.06211	0.06372	2.37E-03	1.29E-07	1.35E-07	4.61E-07	4.60E-07	2.17E-07	2.23E-07	2.3710E-03
606473.3	4201010.76	136202.128	0.02229	0.02305	0.0484	0.04842	0.06231	0.06384	2.32E-03	1.34E-07	1.41E-07	4.73E-07	4.71E-07	2.18E-07	2.23E-07	2.3230E-03
606493.3	4201010.76	133480.254	0.02312	0.02392	0.0496	0.04961	0.06245	0.0639	2.28E-03	1.39E-07	1.46E-07	4.84E-07	4.82E-07	2.19E-07	2.23E-07	2.2767E-03
606513.3	4201010.76	130960.5585	0.02397	0.02482	0.05085	0.05085	0.06253	0.0639	2.23E-03	1.44E-07	1.51E-07	4.97E-07	4.95E-07	2.19E-07	2.23E-07	2.2337E-03
606320.15	4201003.05	158124.317	0.01742	0.01794	0.04046	0.0405	0.05691	0.059	2.70E-03	1.05E-07	1.09E-07	3.95E-07	3.94E-07	1.99E-07	2.06E-07	2.6965E-03
606340.15	4201003.05	156664.0645	0.01806	0.01861	0.04138	0.04141	0.05763	0.05966	2.67E-03	1.09E-07	1.14E-07	4.04E-07	4.03E-07	2.02E-07	2.08E-07	2.6717E-03
606047.14	4201061.24	185830.2051	0.01065	0.01085	0.03139	0.03159	0.0603	0.06309	3.17E-03	6.41E-08	6.62E-08	3.07E-07	3.07E-07	2.11E-07	2.20E-07	3.1686E-03
606067.14	4201061.24	182774.1723	0.01086	0.01107	0.03193	0.03214	0.0613	0.06424	3.12E-03	6.54E-08	6.75E-08	3.12E-07	3.13E-07	2.15E-07	2.24E-07	3.1165E-03
606087.14	4201061.24	175830.86	0.0111	0.01131	0.03251	0.03272	0.06241	0.06545	3.00E-03	6.68E-08	6.90E-08	3.17E-07	3.18E-07	2.19E-07	2.29E-07	2.9981E-03
606107.14	4201061.24	167573.4324	0.01133	0.01156	0.03311	0.03333	0.06359	0.0667	2.86E-03	6.82E-08	7.05E-08	3.23E-07	3.24E-07	2.23E-07	2.33E-07	2.8574E-03
606127.14	4201061.24	159453.2167	0.01157	0.0118	0.03372	0.03394	0.06481	0.06796	2.72E-03	6.97E-08	7.20E-08	3.29E-07	3.30E-07	2.27E-07	2.37E-07	2.7190E-03
606147.14	4201061.24	152288.6176	0.01182	0.01207	0.03436	0.03457	0.06603	0.06918	2.60E-03	7.12E-08	7.36E-08	3.36E-07	3.36E-07	2.31E-07	2.42E-07	2.5969E-03
606167.14	4201061.24	146420.0769	0.01212	0.01237	0.03507	0.03529	0.0672	0.07033	2.50E-03	7.30E-08	7.55E-08	3.42E-07	3.43E-07	2.35E-07	2.46E-07	2.4968E-03
606187.14	4201061.24	141222.0466	0.01242	0.01269	0.03581	0.03603	0.06835	0.07141	2.41E-03	7.48E-08	7.74E-08	3.50E-07	3.50E-07	2.39E-07	2.50E-07	2.4082E-03
606207.14	4201061.24	136881.5232	0.01275	0.01303	0.03658	0.0368	0.06941	0.0724	2.33E-03	7.68E-08	7.95E-08	3.57E-07	3.58E-07	2.43E-07	2.53E-07	2.3343E-03
606227.14	4201061.24	133292.2973	0.01306	0.01335	0.03733	0.03755	0.0704	0.07332	2.27E-03	7.86E-08	8.14E-08	3.65E-07	3.65E-07	2.46E-07	2.56E-07	2.2731E-03
606247.14	4201061.24	130316.8316	0.01341	0.01372	0.03815	0.03837	0.07128	0.07413	2.22E-03	8.07E-08	8.37E-08	3.73E-07	3.73E-07	2.50E-07	2.59E-07	2.2224E-03
606267.14	4201061.24	127855.1427	0.01377	0.01409	0.03897	0.03919	0.07208	0.07482	2.18E-03	8.29E-08	8.59E-08	3.81E-07	3.81E-07	2.52E-07	2.61E-07	2.1805E-03
606287.14	4201061.24	125784.3819	0.01416	0.0145	0.03984	0.04005	0.07279	0.0754	2.14E-03	8.53E-08	8.85E-08	3.89E-07	3.90E-07	2.55E-07	2.63E-07	2.1452E-03
606307.14	4201061.24	124003.031	0.01457	0.01493	0.04073	0.04095	0.07337	0.07586	2.11E-03	8.77E-08	9.11E-08	3.98E-07	3.98E-07	2.57E-07	2.65E-07	2.1148E-03
605987.14	4201081.24	163276.2759	0.00966	0.00981	0.02987	0.03009	0.06444	0.06713	2.78E-03	5.82E-08	5.98E-08	2.92E-07	2.93E-07	2.26E-07	2.35E-07	2.7840E-03
606007.14	4201081.24	161504.336	0.00984	0.01	0.03037	0.03059	0.06513	0.06807	2.75E-03	5.93E-08	6.10E-08	2.97E-07	2.98E-07	2.28E-07	2.38E-07	2.7538E-03
606027.14	4201081.24	161951.7226	0.01005	0.01022	0.03092	0.03114	0.06603	0.06918	2.76E-03	6.05E-08	6.23E-08	3.02E-07	3.03E-07	2.31E-07	2.42E-07	2.7615E-03
606047.14	4201081.24	161996.6124	0.01025	0.01043	0.03147	0.03169	0.06712	0.07043	2.76E-03	6.17E-08	6.36E-08	3.07E-07	3.08E-07	2.35E-07	2.46E-07	2.7623E-03
606067.14	4201081.24	159810.6215	0.01045	0.01063	0.03201	0.03225	0.06835	0.07178	2.72E-03	6.29E-08	6.48E-08	3.13E-07	3.14E-07	2.39E-07	2.51E-07	2.7250E-03
606087.14	4201081.24	155686.4904	0.01067	0.01085	0.03259	0.03283	0.06965	0.07316	2.65E-03	6.42E-08	6.62E-08	3.18E-07	3.19E-07	2.44E-07	2.56E-07	2.6547E-03
606107.14	4201081.24	150560.1547	0.01089	0.01109	0.03321	0.03345	0.07098	0.07453	2.57E-03	6.56E-08	6.76E-08	3.24E-07	3.25E-07	2.49E-07	2.60E-07	2.5674E-03
606127.14	4201081.24	144937.235	0.01111	0.01132	0.03382	0.03406	0.07231	0.07584	2.47E-03	6.69E-08	6.91E-08	3.30E-07	3.31E-07	2.53E-07	2.65E-07	2.4715E-03
606147.14	4201081.24	139666.4912	0.01135	0.01156	0.03447	0.03472	0.0736	0.07711	2.38E-03	6.83E-08	7.05E-08	3.37E-07	3.38E-07	2.58E-07	2.69E-07	2.3817E-03
606167.14	4201081.24	134981.6007	0.01161	0.01183	0.03516	0.03541	0.07481	0.07826	2.30E-03	6.99E-08	7.22E-08	3.43E-07	3.44E-07	2.62E-07	2.73E-07	2.3018E-03
606187.14	4201081.24	131016.9751	0.01189	0.01213	0.03591	0.03617	0.07592	0.07928	2.23E-03	7.16E-08	7.40E-08	3.51E-07	3.52E-07	2.66E-07	2.77E-07	2.2343E-03
606207.14	4201081.24	127298.7971	0.01219	0.01244	0.03669	0.03695	0.07696	0.08019	2.17E-03	7.34E-08	7.59E-08	3.58E-07	3.59E-07	2.69E-07	2.80E-07	2.1709E-03
606227.14	4201081.24	124100.0083	0.01249	0.01275	0.03747	0.03773	0.07787	0.08098	2.12E-03	7.52E-08	7.78E-08	3.66E-07	3.67E-07	2.73E-07	2.83E-07	2.1164E-03
606247.14	4201081.24	121363.3098	0.01282	0.01309	0.03831	0.03856	0.07865	0.08163	2.07E-03	7.72E-08	7.98E-08	3.74E-07	3.75E-07	2.75E-07	2.85E-07	2.0698E-03
606267.14	4201081.24	119026.5593	0.01317	0.01345	0.03916	0.03943	0.07931	0.08218	2.03E-03	7.93E-08	8.20E-08	3.82E-07	3.83E-07	2.78E-07	2.87E-07	2.0300E-03
606287.14	4201081.24	117022.7396	0.01351	0.01381	0.04003	0.04029	0.07986	0.08259	1.99E-03	8.13E-08	8.42E-08	3.91E-07	3.92E-07	2.80E-07	2.89E-07	1.9958E-03
606307.14	4201081.24	115258.9977	0.0139	0.01421	0.04095	0.04121	0.0803	0.08287	1.96E-03	8.37E-08	8.67E-08	4.00E-07	4.01E-07	2.81E-07	2.90E-07	1.9658E-03
605947.14	4201101.24	161549.8982	0.00903	0.00915	0.02904	0.02926	0.07049	0.07321	2.75E-03	5.44E-08	5.58E-08	2.84E-07	2.85E-07	2.47E-07	2.56E-07	2.7546E-03
605967.14	4201101.24	156027.0844	0.00919	0.00932	0.0295	0.02973	0.0709	0.07396	2.66E-03	5.53E-08	5.69E-08	2.88E-07	2.89E-07	2.48E-07	2.58E-07	2.6605E-03
605987.14	4201101.24	151487.9192	0.00934	0.00948	0.02995	0.03018	0.07166	0.07502	2.58E-03	5.62E-08	5.78E-08	2.92E-07	2.94E-07	2.51E-07	2.62E-07	2.5831E-03
606007.14	4201101.24	148619.6353	0.00951	0.00965	0.03044	0.03067	0.07266	0.07628	2.53E-03	5.73E-08	5.89E-08	2.97E-07	2.98E-07	2.54E-07	2.67E-07	2.5342E-03
606027.14	4201101.24	146982.7545	0.00969	0.00983	0.03095	0.03119	0.0739	0.07769	2.51E-03	5.83E-08	6.00E-08	3.02E-07	3.03E-07	2.59E-07	2.71E-07	2.5063E-03
606047.14	4201101.24	145669.0937	0.00988	0.01003	0.0315	0.03175	0.07524	0.07916	2.48E-03	5.95E-08	6.12E-08	3.08E-07	3.09E-07	2.63E-07	2.77E-07	2.4839E-03
606067.14	4201101.24	143434.5075	0.01006	0.01022	0.03204	0.0323	0.07669	0.08069	2.45E-03	6.06E-08	6.23E-08	3.13E-07	3.14E-07	2.69E-07	2.82E-07	2.4459E-03
606087.14	4201101.24	140460.6531	0.01027	0.01043	0.03264	0.0329	0.07815	0.08217	2.39E-03	6.18E-08	6.36E-08	3.19E-07	3.20E-07	2.74E-07	2.87E-07	2.3952E-03
606107.14	4201101.24	136744.3775	0.01047	0.01065	0.03325	0.03352	0.07959	0.08359	2.33E-03	6.30E-08	6.50E-08	3.25E-07	3.26E-07	2.79E-07	2.92E-07	2.3318E-03
606127.14	4201101.24	132599.0594	0.01068	0.01086	0.03386	0.03413	0.08099	0.08493	2.26E-03	6.43E-08	6.62E-08	3.31E-07	3.32E-07	2.84E-07	2.97E-07	2.2612E-03
606147.14	4201101.24	128532.1678	0.0109	0.01108	0.0345	0.03478	0.08229	0.08614	2.19E-03	6.56E-08	6.76E-08	3.37E-07	3.38E-07	2.88E-07	3.01E-07	2.1919E-03
606167.14	4201101.24	124877.3071	0.01114	0.01134	0.03522	0.03551	0.08346	0.08719	2.13E-03	6.71E-08	6.92E-08	3.44E-07	3.45E-07	2.92E-07	3.05E-07	2.1296E-03
606187.14	4201101.24	121556.9747	0.01141	0.01161	0.03598	0.03626	0.0845	0.08811	2.07E-03	6.87E-08	7.08E-08	3.51E-07	3.53E-07	2.96E-07	3.08E-07	2.0730E-03
606207.14	4201101.24	118424.956	0.01166	0.01187	0.03671	0.037	0.08542	0.08888	2.02E-03	7.02E-08	7.24E-08	3.58E-07	3.60E-07	2.99E-07	3.11E-07	2.0196E-03
606227.14	4201101.24	115892.8939	0.01196	0.01218	0.03754	0.03784	0.08617	0.08947	1.98E-03	7.20E-08	7.43E-08	3.67E-07	3.68E-07	3.02E-07	3.13E-07	1.9765E-03
606247.14	4201101.24	113412.9084	0.01227	0.01251	0.0384	0.0387	0.0868	0.08991	1.93E-03	7.39E-08	7.63E-08	3.75E-07	3.76E-07	3.04E-07	3.14E-07	1.9342E-03
606267.14	4201101.24	111239.1192	0.01259	0.01284	0.03928	0.03957	0.08727	0.09021	1.90E-03	7.58E-08	7.83E-08	3.84E-07	3.85E-07	3.06E-07	3.15E-07	1.8972E-03
606287.14	4201101.24	109326.5525	0.01293	0.01319	0.04018	0.04049	0.08761	0.09039	1.86E-03	7.79E-08	8.05E-08	3.92E-07	3.94E-07	3.07E-07	3.16E-07	1.8646E-03
606307.14	4201101.24	107619.623	0.0133	0.01357	0.04114	0.04144	0.08782	0.09042	1.83E-03	8.01E-08	8.28E-08	4.02E-07	4.03E-07	3.07E-07	3.16E-07	1.8355E-03
605927.14	4201121.24	155538.109	0.00857	0.00868	0.02859	0.02882	0.07813	0.08126	2.65E-03	5.16E-08	5.29E-08	2.79E-07	2.80E-07	2.74E-07	2.84E-07	2.6521E-03
605947.14	4201121.24	150070.1057	0.00873	0.00885	0.02907	0.0293	0.07848	0.08201	2.56E-03	5.26E-08	5.40E-08	2.84E-07	2.85E-07	2.75E-07	2.87E-07	2.5589E-03
605967.14	4201121.24	145173.5325	0.00889	0.00901	0.02954	0.02978	0.07926	0.08314	2.47E-03	5.35E-08	5.50E-08	2.88E-07	2.90E-07	2.78E-07	2.91E-07	2.4754E-03
605987.14	4201121.24	141118.684	0.00905	0.00917	0.03003	0.03027	0.08037	0.08454	2.41E-03	5.45E-08	5.59E-08	2.93E-07	2.94E-07	2.81E-07	2.95E-07	2.4063E-03
606007.14	4201121.24	137803.1568	0.0092	0.00932	0.03049	0.03074	0.08175	0.08615	2.35E-03	5.54E-08	5.69E-08	2.98E-07	2.99E-07	2.86E-07	3.01E-07	2.3498E-03
606027.14	4201121.24	135380.8457	0.00936	0.00949	0.03099	0.03125	0.08328	0.08782	2.31E-03	5.64E-08	5.79E-08	3.03E-07	3.04E-07	2.92E-07	3.07E-07	2.3085E-03
606047.14	4201121.24	133405.7217	0.00954	0.00967	0.03154	0.03181	0.08487	0.08949	2.27E-03	5.74E-08	5.90E-08	3.08E-07	3.09E-07	2.97E-07	3.13E-07	2.2749E-03
606067.14	4201121.24	131122.1248	0.00971	0.00985	0.03209	0.03236	0.0865	0.09113	2.24E-03	5.85E-08	6.01E-08	3.13E-07	3.15E-07	3.03E-07	3.18E-07	2.2360E-03
606087.14	4201121.24	128314.9214	0.00988	0.01002	0.03263	0.03291	0.0881	0.09268	2.19E-03	5.95E-08	6.11E-08	3.19E-07	3.20E-07	3.08E-07	3.24E-07	2.1881E-03
606107.14	4201121.24	125347.7078	0.01007	0.01022	0.03324	0.03353	0.08959	0.09408	2.14E-03	6.06E-08	6.23E-08	3.25E-07	3.26E-07	3.14E-07	3.29E-07	2.1376E-03
606127.14	4201121.24	122108.0166	0.01027	0.01043	0.03386	0.03415	0.09097	0.09533	2.08E-03	6.18E-08	6.36E-08	3.31E-07	3.32E-07	3.19E-07	3.33E-07	2.0823E-03
606147.14	4201121.24	118832.211	0.01047	0.01063	0.0345	0.0348	0.0922	0.0964	2.03E-03	6.30E-08	6.48E-08	3.37E-07	3.38E-07	3.23E-07	3.37E-07	2.0265E-03
606167.14	4201121.24	115837.322	0.0107	0.01087	0.03522	0.03553	0.09325	0.09727	1.97E-03	6.44E-08	6.63E-08	3.44E-07	3.46E-07	3.26E-07	3.40E-07	1.9755E-03
606187.14	4201121.24	112991.1879	0.01094	0.01112	0.03595	0.03627	0.09416	0.09796	1.93E-03	6.59E-08	6.78E-08	3.51E-07	3.53E-07	3.30E-07	3.42E-07	1.9270E-03
606207.14	4201121.24	110409.2962	0.01119	0.01138	0.03673	0.03705	0.09487	0.09847	1.88E-03	6.74E-08	6.94E-08	3.59E-07	3.60E-07	3.32E-07	3.44E-07	1.8830E-03
606227.14	4201121.24	108167.2368	0.01146	0.01166	0.03756	0.03789	0.09539	0.09881	1.84E-03	6.90E-08	7.11E-08	3.67E-07	3.69E-07	3.34E-07	3.45E-07	1.8448E-03
606247.14	4201121.24	106150.0896	0.01174	0.01195	0.03841	0.03873	0.09576	0.09897	1.81E-03	7.07E-08	7.29E-08	3.75E-07	3.77E-07	3.35E-07	3.46E-07	1.8104E-03
606267.14	4201121.24	104287.737	0.01205	0.01227	0.03931	0.03964	0.09598	0.09896	1.78E-03	7.26E-08	7.48E-08	3.84E-07	3.86E-07	3.36E-07	3.46E-07	1.7787E-03
606287.14	4201121.24	102496.6729	0.01239	0.01262	0.04027	0.0406	0.09602	0.0988	1.75E-03	7.46E-08	7.70E-08	3.93E-07	3.95E-07	3.36E-07	3.45E-07	1.7482E-03
606307.14	4201121.24	100869.8531	0.01274	0.01298	0.04126	0.04159	0.09592	0.09853	1.72E-03	7.67E-08	7.92E-08	4.03E-07	4.04E-07	3.36E-07	3.44E-07	1.7205E-03
605907.14	4201141.24	149463.5137	0.00814	0.00823	0.02811	0.02835	0.08722	0.09083	2.55E-03	4.90E-08	5.02E-08	2.75E-07	2.76E-07	3.05E-07	3.17E-07	2.5485E-03
605927.14	4201141.24	144259.4409	0.00829	0.00839	0.02858	0.02882	0.08753	0.09161	2.46E-03	4.99E-08	5.12E-08	2.79E-07	2.80E-07	3.06E-07	3.20E-07	2.4598E-03
605947.14	4201141.24	139434.4096	0.00844	0.00854	0.02905	0.0293	0.08833	0.09284	2.38E-03	5.08E-08	5.21E-08	2.84E-07	2.85E-07	3.09E-07	3.24E-07	2.3776E-03
605967.14	4201141.24	135148.1138	0.0086	0.0087	0.02954	0.02979	0.08954	0.09439	2.30E-03	5.18E-08	5.31E-08	2.88E-07	2.90E-07	3.14E-07	3.30E-07	2.3045E-03
605987.14	4201141.24	131420.8976	0.00875	0.00886	0.03003	0.03028	0.09105	0.09618	2.24E-03	5.27E-08	5.40E-08	2.93E-07	2.94E-07	3.19E-07	3.36E-07	2.2410E-03
606007.14	4201141.24	128344.7675	0.0089	0.00902	0.03053	0.0308	0.09275	0.09804	2.19E-03	5.36E-08	5.50E-08	2.98E-07	3.00E-07	3.25E-07	3.43E-07	2.1886E-03
606027.14	4201141.24	125698.4037	0.00905	0.00917	0.03103	0.0313	0.09456	0.09991	2.14E-03	5.45E-08	5.59E-08	3.03E-07	3.04E-07	3.31E-07	3.49E-07	2.1435E-03
606047.14	4201141.24	123319.185	0.00921	0.00933	0.03154	0.03182	0.09638	0.10172	2.10E-03	5.55E-08	5.69E-08	3.08E-07	3.09E-07	3.37E-07	3.55E-07	2.1029E-03
606067.14	4201141.24	121067.2082	0.00937	0.0095	0.03209	0.03238	0.0981	0.10336	2.06E-03	5.64E-08	5.80E-08	3.13E-07	3.15E-07	3.43E-07	3.61E-07	2.0646E-03
606087.14	4201141.24	118467.0386	0.00952	0.00966	0.03261	0.03291	0.09974	0.10483	2.02E-03	5.73E-08	5.89E-08	3.18E-07	3.20E-07	3.49E-07	3.66E-07	2.0202E-03
606107.14	4201141.24	115806.452	0.00969	0.00983	0.03319	0.0335	0.10119	0.1061	1.97E-03	5.83E-08	6.00E-08	3.24E-07	3.26E-07	3.54E-07	3.71E-07	1.9749E-03
606127.14	4201141.24	113095.2378	0.00988	0.01002	0.03381	0.03412	0.10244	0.10714	1.93E-03	5.95E-08	6.11E-08	3.30E-07	3.32E-07	3.59E-07	3.74E-07	1.9287E-03
606147.14	4201141.24	110311.3738	0.01006	0.01021	0.03443	0.03476	0.1035	0.10797	1.88E-03	6.06E-08	6.23E-08	3.36E-07	3.38E-07	3.62E-07	3.77E-07	1.8813E-03
606167.14	4201141.24	107741.9328	0.01027	0.01042	0.03513	0.03547	0.10432	0.10854	1.84E-03	6.18E-08	6.36E-08	3.43E-07	3.45E-07	3.65E-07	3.79E-07	1.8375E-03
606187.14	4201141.24	105261.5224	0.01048	0.01064	0.03585	0.03619	0.10494	0.10891	1.79E-03	6.31E-08	6.49E-08	3.50E-07	3.52E-07	3.67E-07	3.81E-07	1.7952E-03
606207.14	4201141.24	103079.8795	0.01072	0.01089	0.03665	0.037	0.10533	0.10907	1.76E-03	6.45E-08	6.64E-08	3.58E-07	3.60E-07	3.69E-07	3.81E-07	1.7580E-03
606227.14	4201141.24	101053.9186	0.01097	0.01115	0.03747	0.03783	0.10554	0.10902	1.72E-03	6.61E-08	6.80E-08	3.66E-07	3.68E-07	3.70E-07	3.81E-07	1.7235E-03
606247.14	4201141.24	99308.99912	0.01125	0.01144	0.03836	0.03872	0.10557	0.10879	1.69E-03	6.77E-08	6.98E-08	3.75E-07	3.77E-07	3.70E-07	3.80E-07	1.6938E-03
606267.14	4201141.24	97789.37286	0.01155	0.01174	0.03929	0.03965	0.1054	0.1084	1.67E-03	6.95E-08	7.16E-08	3.84E-07	3.86E-07	3.69E-07	3.79E-07	1.6679E-03
606287.14	4201141.24	96368.16756	0.01187	0.01208	0.04027	0.04063	0.1051	0.10785	1.64E-03	7.15E-08	7.37E-08	3.93E-07	3.95E-07	3.68E-07	3.77E-07	1.6437E-03
606307.14	4201141.24	94841.92913	0.01221	0.01242	0.04128	0.04165	0.10463	0.10716	1.62E-03	7.35E-08	7.58E-08	4.03E-07	4.05E-07	3.66E-07	3.74E-07	1.6177E-03
605907.14	4201161.24	138730.2315	0.00789	0.00798	0.02813	0.02837	0.09829	0.1031	2.36E-03	4.75E-08	4.87E-08	2.75E-07	2.76E-07	3.44E-07	3.60E-07	2.3656E-03

605927.14	4201161.24	134258.5283	0.00804	0.00813	0.02861	0.02886	0.0991	0.10443	2.29E-03	4.84E-08	4.96E-08	2.79E-07	2.81E-07	3.47E-07	3.65E-07	2.2893E-03
605947.14	4201161.24	130013.6079	0.00818	0.00827	0.02907	0.02933	0.10046	0.1062	2.22E-03	4.93E-08	5.04E-08	2.84E-07	2.85E-07	3.52E-07	3.71E-07	2.2170E-03
605967.14	4201161.24	126202.6436	0.00833	0.00842	0.02955	0.02982	0.10216	0.10819	2.15E-03	5.02E-08	5.14E-08	2.89E-07	2.90E-07	3.58E-07	3.78E-07	2.1520E-03
605987.14	4201161.24	122860.9122	0.00848	0.00858	0.03005	0.03032	0.10407	0.11027	2.09E-03	5.11E-08	5.23E-08	2.93E-07	2.95E-07	3.64E-07	3.85E-07	2.0951E-03
606007.14	4201161.24	119918.3863	0.00862	0.00873	0.03056	0.03083	0.10609	0.11233	2.04E-03	5.19E-08	5.33E-08	2.98E-07	3.00E-07	3.71E-07	3.93E-07	2.0449E-03
606027.14	4201161.24	117318.8868	0.00877	0.00888	0.03106	0.03135	0.10809	0.11428	2.00E-03	5.28E-08	5.42E-08	3.03E-07	3.05E-07	3.78E-07	3.99E-07	2.0006E-03
606047.14	4201161.24	114945.2776	0.00892	0.00903	0.03158	0.03187	0.10999	0.11603	1.96E-03	5.37E-08	5.51E-08	3.08E-07	3.10E-07	3.85E-07	4.05E-07	1.9602E-03
606067.14	4201161.24	112589.9898	0.00906	0.00917	0.03209	0.03239	0.11173	0.11757	1.92E-03	5.46E-08	5.59E-08	3.13E-07	3.15E-07	3.91E-07	4.11E-07	1.9200E-03
606087.14	4201161.24	110253.6713	0.00921	0.00933	0.03263	0.03294	0.11324	0.11882	1.88E-03	5.55E-08	5.69E-08	3.19E-07	3.20E-07	3.96E-07	4.15E-07	1.8802E-03
606107.14	4201161.24	107785.5078	0.00936	0.00948	0.03317	0.03349	0.11449	0.11981	1.84E-03	5.64E-08	5.78E-08	3.24E-07	3.26E-07	4.01E-07	4.19E-07	1.8382E-03
606127.14	4201161.24	105363.3652	0.00952	0.00965	0.03376	0.03409	0.11548	0.1205	1.80E-03	5.73E-08	5.89E-08	3.30E-07	3.32E-07	4.04E-07	4.21E-07	1.7969E-03
606147.14	4201161.24	102927.6317	0.00969	0.00982	0.03437	0.03471	0.11621	0.12092	1.75E-03	5.83E-08	5.99E-08	3.36E-07	3.38E-07	4.07E-07	4.23E-07	1.7554E-03
606167.14	4201161.24	100648.2807	0.00987	0.01001	0.03504	0.0354	0.11667	0.12106	1.72E-03	5.94E-08	6.11E-08	3.42E-07	3.44E-07	4.08E-07	4.23E-07	1.7165E-03
606187.14	4201161.24	98501.59303	0.01008	0.01022	0.03576	0.03613	0.11688	0.12095	1.68E-03	6.07E-08	6.23E-08	3.49E-07	3.51E-07	4.09E-07	4.23E-07	1.6800E-03
606207.14	4201161.24	96586.6151	0.01031	0.01046	0.03657	0.03694	0.11686	0.1206	1.65E-03	6.21E-08	6.38E-08	3.57E-07	3.59E-07	4.09E-07	4.21E-07	1.6473E-03
606227.14	4201161.24	94773.61852	0.01054	0.0107	0.03739	0.03777	0.11662	0.12007	1.62E-03	6.35E-08	6.53E-08	3.65E-07	3.67E-07	4.08E-07	4.20E-07	1.6164E-03
606247.14	4201161.24	93164.83836	0.0108	0.01096	0.03827	0.03865	0.11618	0.11938	1.59E-03	6.50E-08	6.69E-08	3.74E-07	3.76E-07	4.07E-07	4.17E-07	1.5890E-03
606267.14	4201161.24	91731.16123	0.01107	0.01125	0.03919	0.03959	0.1156	0.1185	1.56E-03	6.67E-08	6.86E-08	3.83E-07	3.85E-07	4.05E-07	4.14E-07	1.5646E-03
606287.14	4201161.24	90500.08817	0.01138	0.01156	0.04019	0.04058	0.11482	0.11747	1.54E-03	6.85E-08	7.05E-08	3.92E-07	3.95E-07	4.02E-07	4.11E-07	1.5437E-03
606307.14	4201161.24	89398.54661	0.01171	0.0119	0.04124	0.04164	0.1139	0.11633	1.52E-03	7.05E-08	7.26E-08	4.03E-07	4.05E-07	3.99E-07	4.07E-07	1.5249E-03
605907.14	4201181.24	129096.5913	0.00767	0.00774	0.02816	0.02841	0.11214	0.1185	2.20E-03	4.62E-08	4.72E-08	2.75E-07	2.76E-07	3.93E-07	4.14E-07	2.2013E-03
605927.14	4201181.24	125175.6681	0.00781	0.00789	0.02863	0.02889	0.11361	0.12051	2.13E-03	4.70E-08	4.81E-08	2.80E-07	2.81E-07	3.98E-07	4.21E-07	2.1345E-03
605947.14	4201181.24	121468.4694	0.00794	0.00802	0.02909	0.02936	0.11556	0.1228	2.07E-03	4.78E-08	4.89E-08	2.84E-07	2.86E-07	4.05E-07	4.29E-07	2.0713E-03
605967.14	4201181.24	118100.6602	0.00808	0.00817	0.02958	0.02985	0.11774	0.12515	2.01E-03	4.87E-08	4.98E-08	2.89E-07	2.90E-07	4.12E-07	4.37E-07	2.0139E-03
605987.14	4201181.24	115072.0832	0.00822	0.00831	0.03008	0.03036	0.12003	0.12742	1.96E-03	4.95E-08	5.07E-08	2.94E-07	2.95E-07	4.20E-07	4.45E-07	1.9623E-03
606007.14	4201181.24	112355.144	0.00836	0.00846	0.03058	0.03087	0.12223	0.1295	1.92E-03	5.03E-08	5.16E-08	2.99E-07	3.00E-07	4.28E-07	4.53E-07	1.9160E-03
606027.14	4201181.24	109873.3478	0.0085	0.0086	0.03109	0.03139	0.12427	0.13132	1.87E-03	5.12E-08	5.25E-08	3.04E-07	3.05E-07	4.35E-07	4.59E-07	1.8737E-03
606047.14	4201181.24	107593.2817	0.00865	0.00875	0.03161	0.03192	0.12607	0.13281	1.83E-03	5.21E-08	5.34E-08	3.09E-07	3.10E-07	4.41E-07	4.64E-07	1.8348E-03
606067.14	4201181.24	105281.4382	0.00877	0.00888	0.0321	0.03241	0.12759	0.13401	1.79E-03	5.28E-08	5.42E-08	3.13E-07	3.15E-07	4.47E-07	4.68E-07	1.7954E-03
606087.14	4201181.24	103046.7255	0.00891	0.00902	0.03261	0.03294	0.12881	0.13483	1.76E-03	5.37E-08	5.50E-08	3.18E-07	3.20E-07	4.51E-07	4.71E-07	1.7574E-03
606107.14	4201181.24	100778.6975	0.00904	0.00915	0.03313	0.03347	0.1297	0.13532	1.72E-03	5.44E-08	5.58E-08	3.24E-07	3.26E-07	4.54E-07	4.73E-07	1.7187E-03
606127.14	4201181.24	98587.79078	0.00919	0.00931	0.0337	0.03405	0.13023	0.13542	1.68E-03	5.53E-08	5.68E-08	3.29E-07	3.31E-07	4.56E-07	4.73E-07	1.6814E-03
606147.14	4201181.24	96433.37102	0.00934	0.00947	0.0343	0.03466	0.13046	0.13524	1.64E-03	5.62E-08	5.78E-08	3.35E-07	3.37E-07	4.57E-07	4.73E-07	1.6447E-03
606167.14	4201181.24	94402.38524	0.00952	0.00965	0.03497	0.03534	0.13037	0.13477	1.61E-03	5.73E-08	5.89E-08	3.42E-07	3.44E-07	4.56E-07	4.71E-07	1.6101E-03
606187.14	4201181.24	92520.95955	0.00972	0.00985	0.0357	0.03608	0.13001	0.13406	1.58E-03	5.85E-08	6.01E-08	3.49E-07	3.51E-07	4.55E-07	4.68E-07	1.5780E-03
606207.14	4201181.24	90748.89209	0.00992	0.01006	0.03646	0.03686	0.12941	0.13311	1.55E-03	5.97E-08	6.14E-08	3.56E-07	3.58E-07	4.53E-07	4.65E-07	1.5478E-03
606227.14	4201181.24	89098.32454	0.01014	0.01028	0.03727	0.03767	0.1286	0.13197	1.52E-03	6.11E-08	6.27E-08	3.64E-07	3.66E-07	4.50E-07	4.61E-07	1.5197E-03
606247.14	4201181.24	87616.8666	0.01037	0.01052	0.03813	0.03855	0.12762	0.13066	1.49E-03	6.24E-08	6.42E-08	3.72E-07	3.75E-07	4.47E-07	4.57E-07	1.4945E-03
606267.14	4201181.24	86251.31025	0.01062	0.01078	0.03904	0.03946	0.12647	0.12921	1.47E-03	6.39E-08	6.58E-08	3.81E-07	3.84E-07	4.43E-07	4.52E-07	1.4712E-03
606287.14	4201181.24	85069.46834	0.0109	0.01107	0.04002	0.04045	0.12515	0.12765	1.45E-03	6.56E-08	6.75E-08	3.91E-07	3.93E-07	4.38E-07	4.46E-07	1.4511E-03
606307.14	4201181.24	84041.3047	0.01121	0.01139	0.04108	0.04151	0.12373	0.12596	1.43E-03	6.75E-08	6.95E-08	4.01E-07	4.04E-07	4.33E-07	4.40E-07	1.4336E-03
605907.14	4201201.24	120391.1676	0.00745	0.00753	0.02819	0.02846	0.12975	0.13812	2.05E-03	4.49E-08	4.59E-08	2.75E-07	2.77E-07	4.54E-07	4.83E-07	2.0529E-03
605927.14	4201201.24	116879.4916	0.00758	0.00765	0.02864	0.02891	0.13202	0.1408	1.99E-03	4.56E-08	4.67E-08	2.80E-07	2.81E-07	4.62E-07	4.92E-07	1.9931E-03
605947.14	4201201.24	113646.2938	0.00771	0.00779	0.02911	0.02938	0.13454	0.1435	1.94E-03	4.64E-08	4.75E-08	2.84E-07	2.86E-07	4.71E-07	5.01E-07	1.9380E-03
605967.14	4201201.24	110671.9537	0.00784	0.00792	0.02959	0.02987	0.1371	0.14601	1.89E-03	4.72E-08	4.83E-08	2.89E-07	2.91E-07	4.80E-07	5.10E-07	1.8873E-03
605987.14	4201201.24	107974.4844	0.00798	0.00806	0.0301	0.03039	0.13952	0.14819	1.84E-03	4.81E-08	4.92E-08	2.94E-07	2.96E-07	4.89E-07	5.18E-07	1.8413E-03
606007.14	4201201.24	105524.5922	0.00812	0.00821	0.03062	0.03091	0.14168	0.14997	1.80E-03	4.89E-08	5.01E-08	2.99E-07	3.01E-07	4.96E-07	5.24E-07	1.7996E-03
606027.14	4201201.24	103268.666	0.00826	0.00835	0.03114	0.03145	0.14348	0.15132	1.76E-03	4.97E-08	5.09E-08	3.04E-07	3.06E-07	5.02E-07	5.29E-07	1.7611E-03
606047.14	4201201.24	101078.1331	0.0084	0.00849	0.03165	0.03197	0.14492	0.15226	1.72E-03	5.06E-08	5.18E-08	3.09E-07	3.11E-07	5.07E-07	5.32E-07	1.7238E-03
606067.14	4201201.24	98918.44148	0.00852	0.00862	0.03215	0.03247	0.14595	0.15279	1.69E-03	5.13E-08	5.26E-08	3.14E-07	3.16E-07	5.11E-07	5.34E-07	1.6870E-03
606087.14	4201201.24	96734.40359	0.00863	0.00873	0.03261	0.03295	0.14663	0.15294	1.65E-03	5.20E-08	5.33E-08	3.18E-07	3.20E-07	5.13E-07	5.34E-07	1.6498E-03
606107.14	4201201.24	94601.44793	0.00875	0.00885	0.0331	0.03344	0.1469	0.15265	1.61E-03	5.27E-08	5.40E-08	3.23E-07	3.25E-07	5.14E-07	5.33E-07	1.6134E-03
606127.14	4201201.24	92551.70055	0.00888	0.00898	0.03362	0.03398	0.14676	0.152	1.58E-03	5.35E-08	5.48E-08	3.28E-07	3.30E-07	5.14E-07	5.31E-07	1.5785E-03
606147.14	4201201.24	90646.88001	0.00903	0.00914	0.03423	0.03461	0.14624	0.15099	1.55E-03	5.44E-08	5.58E-08	3.34E-07	3.37E-07	5.12E-07	5.28E-07	1.5460E-03
606167.14	4201201.24	88823.8693	0.0092	0.00931	0.03489	0.03527	0.14541	0.14971	1.51E-03	5.54E-08	5.68E-08	3.41E-07	3.43E-07	5.09E-07	5.23E-07	1.5150E-03
606187.14	4201201.24	87117.03739	0.00938	0.0095	0.0356	0.036	0.1443	0.14819	1.49E-03	5.65E-08	5.80E-08	3.48E-07	3.50E-07	5.05E-07	5.18E-07	1.4859E-03
606207.14	4201201.24	85517.21145	0.00957	0.0097	0.03636	0.03677	0.14297	0.14647	1.46E-03	5.76E-08	5.92E-08	3.55E-07	3.58E-07	5.01E-07	5.12E-07	1.4586E-03
606227.14	4201201.24	84027.3692	0.00978	0.00991	0.03717	0.03759	0.14145	0.14459	1.43E-03	5.89E-08	6.05E-08	3.63E-07	3.66E-07	4.95E-07	5.05E-07	1.4332E-03
606247.14	4201201.24	82628.10333	0.00999	0.01013	0.038	0.03844	0.13977	0.14261	1.41E-03	6.02E-08	6.18E-08	3.71E-07	3.74E-07	4.89E-07	4.98E-07	1.4094E-03
606267.14	4201201.24	81355.83422	0.01023	0.01037	0.0389	0.03934	0.13795	0.14049	1.39E-03	6.16E-08	6.33E-08	3.80E-07	3.83E-07	4.83E-07	4.91E-07	1.3877E-03
606287.14	4201201.24	80167.50726	0.01047	0.01062	0.03982	0.04027	0.13606	0.13829	1.37E-03	6.30E-08	6.48E-08	3.89E-07	3.92E-07	4.76E-07	4.83E-07	1.3675E-03
606307.14	4201201.24	79103.51088	0.01074	0.01089	0.04081	0.04127	0.13404	0.13601	1.35E-03	6.47E-08	6.64E-08	3.99E-07	4.01E-07	4.69E-07	4.75E-07	1.3494E-03
605907.14	4201221.24	112468.086	0.00725	0.00732	0.02822	0.02849	0.15245	0.16334	1.92E-03	4.37E-08	4.47E-08	2.76E-07	2.77E-07	5.34E-07	5.71E-07	1.9179E-03
605927.14	4201221.24	109397.6478	0.00737	0.00744	0.02867	0.02894	0.15545	0.16645	1.86E-03	4.44E-08	4.54E-08	2.80E-07	2.81E-07	5.44E-07	5.82E-07	1.8655E-03
605947.14	4201221.24	106527.3088	0.00749	0.00756	0.02913	0.02941	0.15841	0.16924	1.82E-03	4.51E-08	4.61E-08	2.84E-07	2.86E-07	5.55E-07	5.91E-07	1.8166E-03
605967.14	4201221.24	103831.506	0.00761	0.00769	0.02959	0.02988	0.16111	0.17153	1.77E-03	4.58E-08	4.69E-08	2.89E-07	2.91E-07	5.64E-07	5.99E-07	1.7707E-03
605987.14	4201221.24	101395.6488	0.00774	0.00782	0.03009	0.03039	0.16334	0.17322	1.73E-03	4.66E-08	4.77E-08	2.94E-07	2.96E-07	5.72E-07	6.05E-07	1.7292E-03
606007.14	4201221.24	99165.82451	0.00788	0.00796	0.03061	0.03091	0.16505	0.17426	1.69E-03	4.74E-08	4.86E-08	2.99E-07	3.01E-07	5.78E-07	6.09E-07	1.6912E-03
606027.14	4201221.24	97156.42504	0.00803	0.00811	0.03116	0.03148	0.16619	0.17466	1.66E-03	4.84E-08	4.95E-08	3.04E-07	3.06E-07	5.82E-07	6.10E-07	1.6569E-03
606047.14	4201221.24	95258.22226	0.00817	0.00826	0.03172	0.03205	0.16677	0.17452	1.62E-03	4.92E-08	5.04E-08	3.10E-07	3.12E-07	5.84E-07	6.10E-07	1.6246E-03
606067.14	4201221.24	93309.07579	0.0083	0.00839	0.03225	0.03258	0.16694	0.17397	1.59E-03	5.00E-08	5.12E-08	3.15E-07	3.17E-07	5.85E-07	6.08E-07	1.5914E-03
606087.14	4201221.24	91265.95027	0.00841	0.0085	0.03271	0.03305	0.16669	0.17307	1.56E-03	5.06E-08	5.19E-08	3.19E-07	3.21E-07	5.84E-07	6.05E-07	1.5565E-03
606107.14	4201221.24	89117.79653	0.00849	0.00858	0.03309	0.03345	0.16612	0.17182	1.52E-03	5.11E-08	5.23E-08	3.23E-07	3.25E-07	5.82E-07	6.00E-07	1.5199E-03
606127.14	4201221.24	87188.47706	0.0086	0.0087	0.03357	0.03394	0.165	0.17014	1.49E-03	5.18E-08	5.31E-08	3.28E-07	3.30E-07	5.78E-07	5.95E-07	1.4870E-03
606147.14	4201221.24	85446.20207	0.00874	0.00884	0.03416	0.03455	0.16351	0.16809	1.46E-03	5.26E-08	5.39E-08	3.34E-07	3.36E-07	5.72E-07	5.87E-07	1.4574E-03
606167.14	4201221.24	83784.47496	0.00889	0.009	0.0348	0.0352	0.16171	0.1658	1.43E-03	5.35E-08	5.49E-08	3.40E-07	3.42E-07	5.66E-07	5.79E-07	1.4290E-03
606187.14	4201221.24	82212.33578	0.00906	0.00917	0.03549	0.0359	0.15968	0.16331	1.40E-03	5.46E-08	5.59E-08	3.47E-07	3.49E-07	5.59E-07	5.71E-07	1.4023E-03
606207.14	4201221.24	80737.17284	0.00924	0.00936	0.03622	0.03665	0.15746	0.16067	1.38E-03	5.56E-08	5.71E-08	3.54E-07	3.56E-07	5.51E-07	5.61E-07	1.3771E-03
606227.14	4201221.24	79363.7373	0.00944	0.00956	0.03701	0.03745	0.15508	0.15792	1.35E-03	5.68E-08	5.83E-08	3.61E-07	3.64E-07	5.43E-07	5.52E-07	1.3537E-03
606247.14	4201221.24	78085.41837	0.00964	0.00977	0.03785	0.0383	0.15261	0.15509	1.33E-03	5.80E-08	5.96E-08	3.70E-07	3.72E-07	5.34E-07	5.42E-07	1.3320E-03
606267.14	4201221.24	76884.50498	0.00986	0.00999	0.03872	0.03918	0.15003	0.15221	1.31E-03	5.94E-08	6.09E-08	3.78E-07	3.81E-07	5.25E-07	5.32E-07	1.3115E-03
606287.14	4201221.24	75735.98155	0.01008	0.01021	0.0396	0.04007	0.1474	0.1493	1.29E-03	6.07E-08	6.23E-08	3.87E-07	3.90E-07	5.16E-07	5.22E-07	1.2920E-03
606307.14	4201221.24	74692.28755	0.01032	0.01046	0.04055	0.04103	0.14471	0.14638	1.27E-03	6.21E-08	6.38E-08	3.96E-07	3.99E-07	5.07E-07	5.12E-07	1.2742E-03
605907.14	4201241.24	105187.7949	0.00705	0.00712	0.02822	0.02851	0.18203	0.1959	1.79E-03	4.25E-08	4.34E-08	2.76E-07	2.77E-07	6.37E-07	6.85E-07	1.7938E-03
605927.14	4201241.24	102518.8236	0.00717	0.00723	0.02868	0.02896	0.18547	0.19891	1.75E-03	4.32E-08	4.41E-08	2.80E-07	2.82E-07	6.49E-07	6.95E-07	1.7483E-03
605947.14	4201241.24	99983.4529	0.00729	0.00735	0.02913	0.02943	0.1884	0.20114	1.70E-03	4.39E-08	4.48E-08	2.84E-07	2.86E-07	6.60E-07	7.03E-07	1.7051E-03
605967.14	4201241.24	97593.52642	0.0074	0.00747	0.0296	0.0299	0.19067	0.2025	1.66E-03	4.46E-08	4.56E-08	2.89E-07	2.91E-07	6.68E-07	7.08E-07	1.6643E-03
605987.14	4201241.24	95352.87372	0.00752	0.00759	0.03007	0.03038	0.19217	0.20301	1.63E-03	4.53E-08	4.63E-08	2.94E-07	2.95E-07	6.73E-07	7.09E-07	1.6261E-03
606007.14	4201241.24	93348.95243	0.00765	0.00773	0.0306	0.03091	0.19282	0.20267	1.59E-03	4.61E-08	4.72E-08	2.99E-07	3.01E-07	6.75E-07	7.08E-07	1.5920E-03
606027.14	4201241.24	91481.99811	0.00779	0.00787	0.03114	0.03146	0.19274	0.20159	1.56E-03	4.69E-08	4.80E-08	3.04E-07	3.06E-07	6.75E-07	7.04E-07	1.5602E-03
606047.14	4201241.24	89789.7872	0.00794	0.00802	0.03173	0.03206	0.19199	0.19985	1.53E-03	4.78E-08	4.89E-08	3.10E-07	3.12E-07	6.72E-07	6.98E-07	1.5313E-03
606067.14	4201241.24	88157.55432	0.00809	0.00818	0.03232	0.03267	0.19066	0.19765	1.50E-03	4.87E-08	4.99E-08	3.16E-07	3.18E-07	6.68E-07	6.91E-07	1.5035E-03
606087.14	4201241.24	86454.87082	0.00823	0.00831	0.03288	0.03323	0.18898	0.19515	1.47E-03	4.96E-08	5.07E-08	3.21E-07	3.23E-07	6.62E-07	6.82E-07	1.4745E-03
606107.14	4201241.24	84458.00708	0.0083	0.00839	0.03327	0.03363	0.18711	0.19257	1.44E-03	5.00E-08	5.12E-08	3.25E-07	3.27E-07	6.55E-07	6.73E-07	1.4405E-03
606127.14	4201241.24	82446.59962	0.00836	0.00846	0.0336	0.03398	0.1849	0.18969	1.41E-03	5.03E-08	5.16E-08	3.28E-07	3.30E-07	6.47E-07	6.63E-07	1.4062E-03
606147.14	4201241.24	80826.52531	0.00849	0.00859	0.03416	0.03455	0.18217	0.18636	1.38E-03	5.11E-08	5.24E-08	3.34E-07	3.36E-07	6.38E-07	6.51E-07	1.3786E-03
606167.14	4201241.24	79302.29338	0.00864	0.00874	0.03478	0.03519	0.1792	0.18283	1.35E-03	5.20E-08	5.33E-08	3.40E-07	3.42E-07	6.27E-07	6.39E-07	1.3526E-03
606187.14	4201241.24	77837.66778	0.00879	0.00889	0.03544	0.03586	0.17605	0.17921	1.33E-03	5.29E-08	5.42E-08	3.46E-07	3.49E-07	6.16E-07	6.26E-07	1.3277E-03
606207.14	4201241.24	76469.81187	0.00896	0.00907	0.03615	0.03659	0.17277	0.17551	1.30E-03	5.40E-08	5.53E-08	3.53E-07	3.56E-07	6.05E-07	6.13E-07	1.3044E-03
606227.14	4201241.24	75159.07242	0.00913	0.00924	0.03689	0.03734	0.16941	0.17179	1.28E-03	5.50E-08	5.64E-08	3.60E-07	3.63E-07	5.93E-07	6.00E-07	1.2821E-03
606247.14	4201241.24	73946.86072	0.00932	0.00943	0.03769	0.03815	0.16599	0.16807	1.26E-03	5.61E-08	5.75E-08	3.68E-07	3.71E-07	5.81E-07	5.87E-07	1.2614E-03
606267.14	4201241.24	72801.14373	0.00951	0.00963	0.03852	0.039	0.16255	0.16433	1.24E-03	5.73E-08	5.87E-08	3.76E-07	3.79E-07	5.69E-07	5.74E-07	1.2419E-03
606287.14	4201241.24	71700.56169	0.00971	0.00984	0.03936	0.03985	0.15911	0.16063	1.22E-03	5.85E-08	6.00E-08	3.84E-07	3.88E-07	5.57E-07	5.61E-07	1.2232E-03
606307.14	4201241.24	70669.71713	0.00992	0.01005	0.04025	0.04075	0.15568	0.15697	1.20E-03	5.97E-08	6.13E-08	3.93E-07	3.96E-07	5.45E-07	5.49E-07	1.2056E-03
605907.14	4201261.24	96973.73978	0.00676	0.00682	0.02783	0.02813	0.22201	0.23899	1.65E-03	4.07E-08	4.16E-08	2.72E-07	2.74E-07	7.77E-07	8.35E-07	1.6537E-03
605927.14	4201261.24	96035.30687	0.00696	0.00702	0.02861	0.02891	0.22404	0.23985	1.64E-03	4.19E-08	4.28E-08	2.79E-07	2.81E-07	7.84E-07	8.38E-07	1.6377E-03
605947.14	4201261.24	93954.88962	0.00709	0.00715	0.02912	0.02943	0.22583	0.24024	1.60E-03	4.27E-08	4.36E-08	2.84E-07	2.86E-07	7.91E-07	8.40E-07	1.6023E-03
605967.14	4201261.24	91820.6771	0.0072	0.00727	0.02959	0.0299	0.22676	0.23963	1.57E-03	4.34E-08	4.43E-08	2.89E-07	2.91E-07	7.94E-07	8.37E-07	1.5659E-03
605987.14	4201261.24	89820.58208	0.00732	0.00738	0.03006	0.03038	0.22658	0.23796	1.53E-03	4.41E-08	4.50E-08	2.94E-07	2.95E-07	7.93E-07	8.32E-07	1.5318E-03
606007.14	4201261.24	87958.3834	0.00744	0.00751	0.03056	0.03089	0.22541	0.2354	1.50E-03	4.48E-08	4.58E-08	2.98E-07	3.00E-07	7.89E-07	8.23E-07	1.5001E-03
606027.14	4201261.24	86280.47116	0.00757	0.00765	0.03111	0.03144	0.22333	0.23206	1.47E-03	4.56E-08	4.67E-08	3.04E-07	3.06E-07	7.82E-07	8.11E-07	1.4715E-03
606047.14	4201261.24	84723.02745	0.00772	0.00779	0.0317	0.03204	0.22057	0.22818	1.44E-03	4.65E-08	4.75E-08	3.10E-07	3.12E-07	7.72E-07	7.97E-07	1.4450E-03
606067.14	4201261.24	83320.07317	0.00788	0.00796	0.03234	0.03269	0.21723	0.2238	1.42E-03	4.74E-08	4.86E-08	3.16E-07	3.18E-07	7.61E-07	7.82E-07	1.4211E-03
606087.14	4201261.24	81978.68813	0.00805	0.00813	0.03301	0.03338	0.21347	0.21917	1.40E-03	4.85E-08	4.96E-08	3.22E-07	3.25E-07	7.47E-07	7.66E-07	1.3982E-03
606107.14	4201261.24	80370.10727	0.00817	0.00825	0.03354	0.03392	0.20974	0.21462	1.37E-03	4.92E-08	5.03E-08	3.28E-07	3.30E-07	7.34E-07	7.50E-07	1.3708E-03
606127.14	4201261.24	78374.00987	0.0082	0.00829	0.03381	0.0342	0.20614	0.2103	1.34E-03	4.94E-08	5.06E-08	3.30E-07	3.33E-07	7.22E-07	7.35E-07	1.3368E-03
606147.14	4201261.24	76771.86963	0.0083	0.00839	0.03429	0.03469	0.20197	0.20556	1.31E-03	5.00E-08	5.12E-08	3.35E-07	3.37E-07	7.07E-07	7.18E-07	1.3095E-03
606167.14	4201261.24	75240.19388	0.00841	0.00851	0.0348	0.03521	0.19768	0.2007	1.28E-03	5.06E-08	5.19E-08	3.40E-07	3.42E-07	6.92E-07	7.01E-07	1.2834E-03
606187.14	4201261.24	73845.99749	0.00855	0.00864	0.0354	0.03583	0.19325	0.19581	1.26E-03	5.15E-08	5.27E-08	3.46E-07	3.48E-07	6.77E-07	6.84E-07	1.2596E-03
606207.14	4201261.24	72561.53493	0.0087	0.0088	0.03608	0.03653	0.18876	0.19092	1.24E-03	5.24E-08	5.37E-08	3.52E-07	3.55E-07	6.61E-07	6.67E-07	1.2378E-03
606227.14	4201261.24	71364.66259	0.00887	0.00897	0.03682	0.03729	0.18426	0.18608	1.22E-03	5.34E-08	5.47E-08	3.60E-07	3.63E-07	6.45E-07	6.50E-07	1.2174E-03
606247.14	4201261.24	70228.19705	0.00904	0.00915	0.0376	0.03808	0.17981	0.18132	1.20E-03	5.44E-08	5.58E-08	3.67E-07	3.70E-07	6.30E-07	6.34E-07	1.1980E-03
606267.14	4201261.24	69126.04812	0.00922	0.00933	0.03839	0.03888	0.17542	0.17666	1.18E-03	5.55E-08	5.69E-08	3.75E-07	3.78E-07	6.14E-07	6.17E-07	1.1792E-03
606287.14	4201261.24	68069.86335	0.0094	0.00951	0.03919	0.0397	0.1711	0.17211	1.16E-03	5.66E-08	5.80E-08	3.83E-07	3.86E-07	5.99E-07	6.01E-07	1.1613E-03
606307.14	4201261.24	67052.49261	0.00958	0.0097	0.04001	0.04053	0.16687	0.16766	1.14E-03	5.77E-08	5.92E-08	3.91E-07	3.94E-07	5.84E-07	5.86E-07	1.1439E-03
605907.14	4201281.24	88096.2731	0.00632	0.00637	0.02678	0.02708	0.2738	0.29363	1.50E-03	3.81E-08	3.89E-08	2.62E-07	2.63E-07	9.59E-07	1.03E-06	1.5024E-03
605927.14	4201281.24	87759.80216	0.00656	0.00662	0.02778	0.02809	0.27528	0.29268	1.50E-03	3.95E-08	4.04E-08	2.71E-07	2.73E-07	9.64E-07	1.02E-06	1.4966E-03
605947.14	4201281.24	87191.96213	0.0068	0.00686	0.02875	0.02906	0.27335	0.2886	1.49E-03	4.09E-08	4.18E-08	2.81E-07	2.83E-07	9.57E-07	1.01E-06	1.4870E-03
605967.14	4201281.24	86361.49579	0.00699	0.00705	0.0295	0.02982	0.27037	0.28352	1.47E-03	4.21E-08	4.30E-08	2.88E-07	2.90E-07	9.47E-07	9.91E-07	1.4729E-03
605987.14	4201281.24	84702.81167	0.00712	0.00718	0.03004	0.03036	0.26698	0.27824	1.44E-03	4.29E-08	4.38E-08	2.93E-07	2.95E-07	9.35E-07	9.72E-07	1.4446E-03
606007.14	4201281.24	83024.91974	0.00724	0.0073	0.03054	0.03087	0.26285	0.2724	1.42E-03	4.36E-08	4.45E-08	2.98E-07	3.00E-07	9.20E-07	9.52E-07	1.4160E-03
606027.14	4201281.24	81458.80762	0.00736	0.00743	0.03106	0.03141	0.25799	0.26603	1.39E-03	4.43E-08	4.53E-08	3.03E-07	3.05E-07	9.03E-07	9.30E-07	1.3893E-03
606047.14	4201281.24	80115.48151	0.00752	0.00759	0.03169	0.03204	0.25235	0.25917	1.37E-03	4.53E-08	4.63E-08	3.09E-07	3.12E-07	8.84E-07	9.06E-07	1.3664E-03
606067.14	4201281.24	78903.89067	0.00769	0.00776	0.03238	0.03274	0.24632	0.25204	1.35E-03	4.63E-08	4.73E-08	3.16E-07	3.18E-07	8.62E-07	8.81E-07	1.3458E-03
606087.14	4201281.24	77933.86576	0.00789	0.00797	0.03319	0.03356	0.23985	0.24466	1.33E-03	4.75E-08	4.86E-08	3.24E-07	3.26E-07	8.40E-07	8.55E-07	1.3293E-03
606107.14	4201281.24	76799.58342	0.00807	0.00815	0.0339	0.03429	0.23359	0.23765	1.31E-03	4.86E-08	4.97E-08	3.31E-07	3.33E-07	8.18E-07	8.30E-07	1.3100E-03
606127.14	4201281.24	75170.19736	0.00816	0.00825	0.03437	0.03477	0.22796	0.2313	1.28E-03	4.91E-08	5.03E-08	3.36E-07	3.38E-07	7.98E-07	8.08E-07	1.2822E-03
606147.14	4201281.24	73484.50613	0.00823	0.00831	0.03475	0.03517	0.22236	0.22511	1.25E-03	4.96E-08	5.07E-08	3.39E-07	3.42E-07	7.79E-07	7.87E-07	1.2535E-03
606167.14	4201281.24	71869.05974	0.00829	0.00838	0.03513	0.03556	0.21669	0.21893	1.23E-03	4.99E-08	5.11E-08	3.43E-07	3.46E-07	7.59E-07	7.65E-07	1.2259E-03
606187.14	4201281.24	70395.17174	0.00838	0.00847	0.03558	0.03602	0.21093	0.21278	1.20E-03	5.05E-08	5.17E-08	3.47E-07	3.50E-07	7.39E-07	7.44E-07	1.2008E-03
606207.14	4201281.24	69066.38505	0.00849	0.00858	0.03612	0.03657	0.2052	0.20666	1.18E-03	5.11E-08	5.23E-08	3.53E-07	3.56E-07	7.18E-07	7.22E-07	1.1782E-03
606227.14	4201281.24	67902.13023	0.00863	0.00873	0.03679	0.03726	0.1995	0.20065	1.16E-03	5.20E-08	5.33E-08	3.59E-07	3.62E-07	6.99E-07	7.01E-07	1.1583E-03
606247.14	4201281.24	66505.11661	0.00879	0.00889	0.03751	0.038	0.19393	0.19481	1.13E-03	5.29E-08	5.42E-08	3.66E-07	3.70E-07	6.79E-07	6.81E-07	1.1345E-03
606267.14	4201281.24	65470.70634	0.00895	0.00906	0.03829	0.0388	0.1885	0.18915	1.12E-03	5.39E-08	5.53E-08	3.74E-07	3.77E-07	6.60E-07	6.61E-07	1.1169E-03
606287.14	4201281.24	64477.65381	0.00913	0.00923	0.0391	0.03961	0.18323	0.18368	1.10E-03	5.50E-08	5.63E-08	3.82E-07	3.85E-07	6.42E-07	6.42E-07	1.1000E-03
606307.14	4201281.24	63529.08845	0.0093	0.00942	0.03992	0.04046	0.17811	0.17839	1.08E-03	5.60E-08	5.75E-08	3.90E-07	3.94E-07	6.24E-07	6.23E-07	1.0839E-03
605907.14	4201301.24	77929.82806	0.00575	0.00579	0.02504	0.02533	0.32389	0.34872	1.33E-03	3.46E-08	3.53E-08	2.45E-07	2.46E-07	1.13E-06	1.22E-06	1.3290E-03
605927.14	4201301.24	78669.8488	0.00602	0.00607	0.02622	0.02652	0.33453	0.35478	1.34E-03	3.62E-08	3.70E-08	2.56E-07	2.58E-07	1.17E-06	1.24E-06	1.3417E-03
605947.14	4201301.24	79497.99272	0.00634	0.0064	0.02757	0.02789	0.33247	0.34855	1.36E-03	3.82E-08	3.90E-08	2.69E-07	2.71E-07	1.16E-06	1.22E-06	1.3558E-03
605967.14	4201301.24	79429.33924	0.0066	0.00666	0.02867	0.029	0.32417	0.33621	1.35E-03	3.97E-08	4.06E-08	2.80E-07	2.82E-07	1.14E-06	1.17E-06	1.3547E-03
605987.14	4201301.24	78978.97177	0.00684	0.0069	0.02965	0.02999	0.31481	0.32477	1.35E-03	4.12E-08	4.21E-08	2.90E-07	2.92E-07	1.10E-06	1.13E-06	1.3470E-03
606007.14	4201301.24	78360.24309	0.00703	0.0071	0.03044	0.03079	0.30533	0.31351	1.34E-03	4.23E-08	4.33E-08	2.97E-07	2.99E-07	1.07E-06	1.10E-06	1.3365E-03
606027.14	4201301.24	77069.05184	0.00717	0.00724	0.03105	0.0314	0.29624	0.30294	1.31E-03	4.32E-08	4.42E-08	3.03E-07	3.05E-07	1.04E-06	1.06E-06	1.3145E-03
606047.14	4201301.24	75758.21139	0.00731	0.00738	0.03162	0.03198	0.28723	0.29263	1.29E-03	4.40E-08	4.50E-08	3.09E-07	3.11E-07	1.01E-06	1.02E-06	1.2921E-03
606067.14	4201301.24	74882.55054	0.00751	0.00759	0.03245	0.03282	0.27752	0.28192	1.28E-03	4.52E-08	4.63E-08	3.17E-07	3.19E-07	9.72E-07	9.85E-07	1.2772E-03
606087.14	4201301.24	74233.76558	0.00776	0.00783	0.03338	0.03376	0.26772	0.27134	1.27E-03	4.67E-08	4.78E-08	3.26E-07	3.28E-07	9.37E-07	9.48E-07	1.2662E-03
606107.14	4201301.24	73078.12963	0.00799	0.00807	0.03425	0.03461	0.25839	0.26132	1.25E-03	4.81E-08	4.92E-08	3.34E-07	3.37E-07	9.05E-07	9.13E-07	1.2465E-03
606127.14	4201301.24	71833.96468	0.00812	0.0082	0.03484	0.03522	0.25044	0.25275	1.22E-03	4.89E-08	5.00E-08	3.40E-07	3.43E-07	8.77E-07	8.83E-07	1.2253E-03
606147.14	4201301.24	70553.64922	0.00818	0.00826	0.03524	0.03567	0.24312	0.2449	1.20E-03	4.93E-08	5.04E-08	3.44E-07	3.47E-07	8.51E-07	8.56E-07	1.2035E-03
606167.14	4201301.24	69077.87631	0.00826	0.00834	0.03571	0.03615	0.23577	0.23709	1.18E-03	4.97E-08	5.09E-08	3.49E-07	3.52E-07	8.26E-07	8.29E-07	1.1784E-03
606187.14	4201301.24	67671.50186	0.00834	0.00843	0.03619	0.03664	0.22856	0.22952	1.15E-03	5.02E-08	5.14E-08	3.53E-07	3.56E-07	8.00E-07	8.02E-07	1.1544E-03
606207.14	4201301.24	66341.59417	0.00843	0.00852	0.03668	0.03715	0.22151	0.2222	1.13E-03	5.08E-08	5.20E-08	3.58E-07	3.61E-07	7.76E-07	7.77E-07	1.1317E-03
606227.14	4201301.24	65129.18687	0.00854	0.00863	0.03725	0.03773	0.21465	0.21505	1.11E-03	5.14E-08	5.26E-08	3.64E-07	3.67E-07	7.52E-07	7.52E-07	1.1111E-03
606247.14	4201301.24	64021.96559	0.00867	0.00877	0.03789	0.0384	0.20797	0.20815	1.09E-03	5.22E-08	5.35E-08	3.70E-07	3.73E-07	7.28E-07	7.27E-07	1.0922E-03
606267.14	4201301.24	63018.63948	0.00882	0.00892	0.03864	0.03916	0.20146	0.20149	1.07E-03	5.31E-08	5.44E-08	3.77E-07	3.81E-07	7.05E-07	7.04E-07	1.0751E-03
606287.14	4201301.24	62053.02338	0.00897	0.00908	0.0394	0.03994	0.19523	0.19511	1.06E-03	5.40E-08	5.54E-08	3.85E-07	3.88E-07	6.84E-07	6.82E-07	1.0587E-03
606307.14	4201301.24	61129.44804	0.00914	0.00924	0.0402	0.04075	0.18924	0.18898	1.04E-03	5.50E-08	5.64E-08	3.93E-07	3.96E-07	6.63E-07	6.60E-07	1.0430E-03
605927.14	4201321.24	71112.52411	0.0056	0.00565	0.02505	0.02535	0.40049	0.4201	1.21E-03	3.37E-08	3.45E-08	2.45E-07	2.47E-07	1.40E-06	1.47E-06	1.2128E-03
605947.14	4201321.24	71837.61044	0.00587	0.00592	0.02619	0.02651	0.40012	0.41453	1.22E-03	3.53E-08	3.61E-08	2.56E-07	2.58E-07	1.40E-06	1.45E-06	1.2252E-03
605967.14	4201321.24	72241.9114	0.00612	0.00618	0.02732	0.02765	0.38781	0.39985	1.23E-03	3.69E-08	3.77E-08	2.67E-07	2.69E-07	1.36E-06	1.40E-06	1.2321E-03
605987.14	4201321.24	72923.49996	0.00644	0.0065	0.0287	0.02905	0.36962	0.37817	1.24E-03	3.88E-08	3.97E-08	2.80E-07	2.83E-07	1.29E-06	1.32E-06	1.2438E-03
606007.14	4201321.24	72972.30377	0.00672	0.00679	0.0299	0.03025	0.35365	0.35936	1.24E-03	4.05E-08	4.14E-08	2.92E-07	2.94E-07	1.24E-06	1.26E-06	1.2446E-03
606027.14	4201321.24	72871.48144	0.00697	0.00704	0.03094	0.0313	0.33803	0.34253	1.24E-03	4.20E-08	4.29E-08	3.02E-07	3.04E-07	1.18E-06	1.20E-06	1.2429E-03
606047.14	4201321.24	71810.60508	0.00712	0.00719	0.0316	0.03197	0.3243	0.32777	1.22E-03	4.29E-08	4.39E-08	3.09E-07	3.11E-07	1.14E-06	1.15E-06	1.2248E-03
606067.14	4201321.24	70826.90693	0.00729	0.00736	0.03231	0.03268	0.31115	0.31377	1.21E-03	4.39E-08	4.49E-08	3.16E-07	3.18E-07	1.09E-06	1.10E-06	1.2081E-03
606087.14	4201321.24	70384.31054	0.00756	0.00763	0.03335	0.03373	0.29758	0.29955	1.20E-03	4.55E-08	4.65E-08	3.26E-07	3.28E-07	1.04E-06	1.05E-06	1.2006E-03
606107.14	4201321.24	69464.44407	0.00782	0.00789	0.0343	0.03468	0.28494	0.28642	1.18E-03	4.71E-08	4.81E-08	3.35E-07	3.37E-07	9.98E-07	1.00E-06	1.1849E-03
606127.14	4201321.24	68306.60766	0.00799	0.00807	0.03501	0.03541	0.27405	0.27504	1.16E-03	4.81E-08	4.92E-08	3.42E-07	3.44E-07	9.60E-07	9.61E-07	1.1652E-03
606147.14	4201321.24	67209.32242	0.0081	0.00818	0.03559	0.036	0.26427	0.26489	1.15E-03	4.88E-08	4.99E-08	3.48E-07	3.50E-07	9.25E-07	9.26E-07	1.1465E-03
606167.14	4201321.24	66140.86959	0.00823	0.00831	0.03623	0.03665	0.25485	0.25515	1.13E-03	4.96E-08	5.07E-08	3.54E-07	3.56E-07	8.92E-07	8.92E-07	1.1283E-03
606187.14	4201321.24	65105.41797	0.00833	0.00841	0.0368	0.03727	0.24604	0.24603	1.11E-03	5.02E-08	5.13E-08	3.59E-07	3.62E-07	8.61E-07	8.60E-07	1.1107E-03
606207.14	4201321.24	63989.80117	0.00842	0.00851	0.03735	0.03783	0.23761	0.23741	1.09E-03	5.07E-08	5.19E-08	3.65E-07	3.68E-07	8.32E-07	8.30E-07	1.0917E-03
606227.14	4201321.24	62791.83114	0.00852	0.00861	0.03792	0.03842	0.22952	0.22911	1.07E-03	5.13E-08	5.25E-08	3.70E-07	3.74E-07	8.04E-07	8.01E-07	1.0712E-03
606247.14	4201321.24	61700.01522	0.00864	0.00873	0.03856	0.03909	0.22169	0.22115	1.05E-03	5.20E-08	5.33E-08	3.77E-07	3.80E-07	7.76E-07	7.73E-07	1.0527E-03
606267.14	4201321.24	60676.53553	0.00877	0.00887	0.03925	0.03979	0.21421	0.21352	1.03E-03	5.28E-08	5.41E-08	3.83E-07	3.87E-07	7.50E-07	7.46E-07	1.0352E-03
606287.14	4201321.24	59737.21828	0.00892	0.00902	0.04002	0.04057	0.20702	0.20623	1.02E-03	5.37E-08	5.50E-08	3.91E-07	3.95E-07	7.25E-07	7.21E-07	1.0192E-03
606307.14	4201321.24	58807.42707	0.00906	0.00916	0.04077	0.04134	0.20015	0.19929	1.00E-03	5.46E-08	5.59E-08	3.98E-07	4.02E-07	7.01E-07	6.96E-07	1.0034E-03
605947.14	4201341.24	66869.66523	0.00562	0.00567	0.02574	0.02605	0.47717	0.48608	1.14E-03	3.38E-08	3.46E-08	2.51E-07	2.53E-07	1.67E-06	1.70E-06	1.1405E-03
605967.14	4201341.24	66814.78377	0.00581	0.00586	0.02659	0.02691	0.45684	0.46242	1.14E-03	3.50E-08	3.57E-08	2.60E-07	2.62E-07	1.60E-06	1.62E-06	1.1396E-03
605987.14	4201341.24	68042.17082	0.00616	0.00622	0.02813	0.02847	0.43103	0.43529	1.16E-03	3.71E-08	3.79E-08	2.75E-07	2.77E-07	1.51E-06	1.52E-06	1.1605E-03
606007.14	4201341.24	68544.19553	0.00647	0.00653	0.0295	0.02986	0.40487	0.40712	1.17E-03	3.90E-08	3.98E-08	2.88E-07	2.90E-07	1.42E-06	1.42E-06	1.1691E-03
606027.14	4201341.24	68297.79433	0.00671	0.00678	0.03056	0.03093	0.38326	0.38475	1.16E-03	4.04E-08	4.14E-08	2.98E-07	3.01E-07	1.34E-06	1.34E-06	1.1649E-03
606047.14	4201341.24	68131.3916	0.00695	0.00701	0.03157	0.03194	0.36315	0.3641	1.16E-03	4.18E-08	4.28E-08	3.08E-07	3.11E-07	1.27E-06	1.27E-06	1.1621E-03
606067.14	4201341.24	67379.22969	0.00714	0.00721	0.03238	0.03277	0.34526	0.3457	1.15E-03	4.30E-08	4.40E-08	3.16E-07	3.19E-07	1.21E-06	1.21E-06	1.1493E-03
606087.14	4201341.24	66822.88391	0.00736	0.00744	0.03332	0.03371	0.32832	0.32835	1.14E-03	4.43E-08	4.54E-08	3.25E-07	3.28E-07	1.15E-06	1.15E-06	1.1399E-03
606107.14	4201341.24	66112.76963	0.00763	0.0077	0.03433	0.0347	0.31228	0.31208	1.13E-03	4.59E-08	4.70E-08	3.35E-07	3.37E-07	1.09E-06	1.09E-06	1.1278E-03

606127.14	4201341.24	65030.77065	0.00785	0.00792	0.03514	0.03555	0.29812	0.29767	1.11E-03	4.73E-08	4.83E-08	3.43E-07	3.46E-07	1.04E-06	1.04E-06	1.1094E-03
606147.14	4201341.24	63995.25345	0.00802	0.0081	0.03589	0.03631	0.28552	0.28481	1.09E-03	4.83E-08	4.94E-08	3.50E-07	3.53E-07	1.00E-06	9.95E-07	1.0917E-03
606167.14	4201341.24	63009.15067	0.00817	0.00825	0.03658	0.03703	0.27402	0.27312	1.07E-03	4.92E-08	5.03E-08	3.57E-07	3.60E-07	9.59E-07	9.54E-07	1.0749E-03
606187.14	4201341.24	62064.34058	0.00829	0.00838	0.03724	0.03771	0.26338	0.26235	1.06E-03	4.99E-08	5.11E-08	3.64E-07	3.67E-07	9.22E-07	9.17E-07	1.0588E-03
606207.14	4201341.24	61153.30006	0.0084	0.00848	0.03787	0.03835	0.25349	0.25231	1.04E-03	5.06E-08	5.17E-08	3.70E-07	3.73E-07	8.88E-07	8.82E-07	1.0433E-03
606227.14	4201341.24	60263.89374	0.0085	0.00859	0.0385	0.039	0.24411	0.24285	1.03E-03	5.12E-08	5.24E-08	3.76E-07	3.79E-07	8.55E-07	8.49E-07	1.0282E-03
606247.14	4201341.24	59394.32008	0.00861	0.0087	0.03915	0.03969	0.2352	0.23384	1.01E-03	5.18E-08	5.31E-08	3.82E-07	3.86E-07	8.24E-07	8.17E-07	1.0134E-03
606267.14	4201341.24	58543.90859	0.00873	0.00882	0.03985	0.04041	0.22665	0.22526	9.98E-04	5.26E-08	5.38E-08	3.89E-07	3.93E-07	7.94E-07	7.87E-07	9.9888E-04
606287.14	4201341.24	57594.73928	0.00886	0.00896	0.04059	0.04117	0.21853	0.21709	9.82E-04	5.33E-08	5.47E-08	3.96E-07	4.00E-07	7.65E-07	7.59E-07	9.8271E-04
606307.14	4201341.24	56697.31013	0.00901	0.00911	0.04137	0.04197	0.2108	0.2093	9.67E-04	5.43E-08	5.56E-08	4.04E-07	4.08E-07	7.38E-07	7.31E-07	9.6743E-04
605967.14	4201361.24	63874.12868	0.00573	0.00579	0.02682	0.02715	0.53033	0.52933	1.09E-03	3.45E-08	3.53E-08	2.62E-07	2.64E-07	1.86E-06	1.85E-06	1.0894E-03
605987.14	4201361.24	64547.46754	0.00601	0.00607	0.0281	0.02846	0.49261	0.49148	1.10E-03	3.62E-08	3.70E-08	2.74E-07	2.77E-07	1.72E-06	1.72E-06	1.1010E-03
606007.14	4201361.24	64760.59212	0.00627	0.00634	0.02929	0.02966	0.45766	0.45637	1.10E-03	3.78E-08	3.87E-08	2.86E-07	2.88E-07	1.60E-06	1.59E-06	1.1046E-03
606027.14	4201361.24	64400.90859	0.00648	0.00654	0.03023	0.0306	0.42981	0.42765	1.10E-03	3.90E-08	3.99E-08	2.95E-07	2.98E-07	1.50E-06	1.49E-06	1.0985E-03
606047.14	4201361.24	64207.57072	0.00673	0.00679	0.03133	0.03172	0.40374	0.40163	1.09E-03	4.05E-08	4.14E-08	3.06E-07	3.09E-07	1.41E-06	1.40E-06	1.0952E-03
606067.14	4201361.24	63985.65466	0.00695	0.00702	0.03231	0.03271	0.38052	0.37836	1.09E-03	4.18E-08	4.28E-08	3.16E-07	3.18E-07	1.33E-06	1.32E-06	1.0915E-03
606087.14	4201361.24	63311.49728	0.00714	0.00721	0.03313	0.03353	0.36007	0.35788	1.08E-03	4.30E-08	4.40E-08	3.24E-07	3.26E-07	1.26E-06	1.25E-06	1.0800E-03
606107.14	4201361.24	62992.06197	0.0074	0.00748	0.0342	0.03462	0.34046	0.33831	1.07E-03	4.46E-08	4.56E-08	3.34E-07	3.37E-07	1.19E-06	1.18E-06	1.0746E-03
606127.14	4201361.24	61988.06127	0.00769	0.00776	0.03522	0.03563	0.32245	0.32037	1.06E-03	4.63E-08	4.73E-08	3.44E-07	3.47E-07	1.13E-06	1.12E-06	1.0575E-03
606147.14	4201361.24	61001.98869	0.00792	0.00799	0.03609	0.03654	0.30693	0.30477	1.04E-03	4.77E-08	4.87E-08	3.52E-07	3.55E-07	1.07E-06	1.07E-06	1.0407E-03
606167.14	4201361.24	60095.80139	0.00806	0.00814	0.03679	0.03725	0.29344	0.29125	1.02E-03	4.85E-08	4.97E-08	3.59E-07	3.62E-07	1.03E-06	1.02E-06	1.0253E-03
606187.14	4201361.24	59228.20343	0.00819	0.00827	0.03746	0.03795	0.281	0.27884	1.01E-03	4.93E-08	5.04E-08	3.66E-07	3.69E-07	9.84E-07	9.74E-07	1.0105E-03
606207.14	4201361.24	58385.90282	0.00831	0.00839	0.03815	0.03865	0.26943	0.26724	9.95E-04	5.00E-08	5.12E-08	3.73E-07	3.76E-07	9.43E-07	9.34E-07	9.9614E-04
606227.14	4201361.24	57567.96854	0.00844	0.00852	0.03886	0.03937	0.25861	0.25641	9.81E-04	5.08E-08	5.20E-08	3.79E-07	3.83E-07	9.05E-07	8.96E-07	9.8222E-04
606247.14	4201361.24	56772.82534	0.00856	0.00864	0.03958	0.04012	0.24842	0.24626	9.68E-04	5.15E-08	5.27E-08	3.87E-07	3.90E-07	8.70E-07	8.61E-07	9.6868E-04
606267.14	4201361.24	55996.50386	0.00869	0.00878	0.04036	0.04092	0.23879	0.23661	9.55E-04	5.23E-08	5.36E-08	3.94E-07	3.98E-07	8.36E-07	8.27E-07	9.5546E-04
606287.14	4201361.24	55245.89983	0.00882	0.00892	0.04113	0.04172	0.2297	0.22756	9.42E-04	5.31E-08	5.44E-08	4.02E-07	4.06E-07	8.04E-07	7.95E-07	9.4268E-04
606307.14	4201361.24	54516.2139	0.00897	0.00906	0.04195	0.04257	0.2211	0.21898	9.29E-04	5.40E-08	5.53E-08	4.10E-07	4.14E-07	7.74E-07	7.65E-07	9.3026E-04
605967.14	4201381.24	60803.33995	0.00562	0.00568	0.0269	0.02725	0.60404	0.59469	1.04E-03	3.38E-08	3.46E-08	2.63E-07	2.65E-07	2.11E-06	2.08E-06	1.0371E-03
605987.14	4201381.24	60876.95865	0.00582	0.00588	0.02785	0.02821	0.55611	0.54834	1.04E-03	3.50E-08	3.59E-08	2.72E-07	2.74E-07	1.95E-06	1.92E-06	1.0384E-03
606007.14	4201381.24	60852.91208	0.00603	0.00609	0.02883	0.02921	0.51385	0.50763	1.04E-03	3.63E-08	3.71E-08	2.82E-07	2.84E-07	1.80E-06	1.77E-06	1.0380E-03
606027.14	4201381.24	60641.448	0.00623	0.00629	0.02979	0.03017	0.47703	0.47123	1.03E-03	3.75E-08	3.84E-08	2.91E-07	2.93E-07	1.67E-06	1.65E-06	1.0344E-03
606047.14	4201381.24	60465.79222	0.00645	0.00652	0.03085	0.03124	0.44553	0.43988	1.03E-03	3.88E-08	3.98E-08	3.01E-07	3.04E-07	1.56E-06	1.54E-06	1.0314E-03
606067.14	4201381.24	60308.45011	0.0067	0.00677	0.03198	0.03238	0.41692	0.41186	1.03E-03	4.03E-08	4.13E-08	3.12E-07	3.15E-07	1.46E-06	1.44E-06	1.0288E-03
606087.14	4201381.24	60063.52425	0.00691	0.00698	0.03292	0.03333	0.39186	0.38725	1.02E-03	4.16E-08	4.26E-08	3.21E-07	3.24E-07	1.37E-06	1.35E-06	1.0246E-03
606107.14	4201381.24	59508.11883	0.00711	0.00718	0.03379	0.03421	0.36963	0.36535	1.01E-03	4.28E-08	4.38E-08	3.30E-07	3.33E-07	1.29E-06	1.28E-06	1.0152E-03
606127.14	4201381.24	59188.2529	0.00739	0.00746	0.03494	0.03537	0.3485	0.34458	1.01E-03	4.45E-08	4.55E-08	3.41E-07	3.44E-07	1.22E-06	1.20E-06	1.0097E-03
606147.14	4201381.24	58279.37273	0.00769	0.00776	0.03599	0.03644	0.32935	0.3257	9.93E-04	4.63E-08	4.73E-08	3.51E-07	3.54E-07	1.15E-06	1.14E-06	9.9428E-04
606167.14	4201381.24	57396.84129	0.00791	0.00799	0.0369	0.03736	0.31292	0.30941	9.78E-04	4.76E-08	4.87E-08	3.60E-07	3.63E-07	1.10E-06	1.08E-06	9.7925E-04
606187.14	4201381.24	56577.31968	0.00807	0.00815	0.03765	0.03814	0.29846	0.29508	9.64E-04	4.86E-08	4.97E-08	3.68E-07	3.71E-07	1.04E-06	1.03E-06	9.6530E-04
606207.14	4201381.24	55793.89343	0.00822	0.00829	0.03839	0.0389	0.2852	0.28192	9.51E-04	4.95E-08	5.06E-08	3.75E-07	3.78E-07	9.99E-07	9.85E-07	9.5196E-04
606227.14	4201381.24	55045.76816	0.00833	0.00841	0.03908	0.03962	0.27303	0.26985	9.38E-04	5.02E-08	5.13E-08	3.82E-07	3.85E-07	9.56E-07	9.43E-07	9.3922E-04
606247.14	4201381.24	54312.22982	0.00846	0.00854	0.03983	0.04039	0.26155	0.25852	9.26E-04	5.09E-08	5.21E-08	3.89E-07	3.93E-07	9.16E-07	9.03E-07	9.2673E-04
606267.14	4201381.24	53594.39472	0.0086	0.00869	0.04063	0.04122	0.25079	0.24783	9.14E-04	5.18E-08	5.30E-08	3.97E-07	4.01E-07	8.78E-07	8.66E-07	9.1452E-04
606287.14	4201381.24	52897.58932	0.00875	0.00884	0.04148	0.04209	0.24068	0.23779	9.02E-04	5.27E-08	5.39E-08	4.05E-07	4.09E-07	8.43E-07	8.31E-07	9.0266E-04
606307.14	4201381.24	52220.75589	0.00891	0.009	0.04236	0.04301	0.23112	0.22835	8.90E-04	5.37E-08	5.49E-08	4.14E-07	4.18E-07	8.09E-07	7.98E-07	8.9114E-04
605987.14	4201401.24	57396.28527	0.00563	0.00569	0.02757	0.02793	0.61826	0.60326	9.78E-04	3.39E-08	3.47E-08	2.69E-07	2.72E-07	2.16E-06	2.11E-06	9.7903E-04
606007.14	4201401.24	57238.60437	0.00579	0.00586	0.0284	0.02878	0.56859	0.55589	9.76E-04	3.49E-08	3.57E-08	2.77E-07	2.80E-07	1.99E-06	1.94E-06	9.7636E-04
606027.14	4201401.24	57027.53631	0.00597	0.00603	0.02927	0.02966	0.52522	0.51482								
606047.14	4201401.24	56790.98672	0.00616	0.00622	0.03019	0.03059	0.48698	0.47819								
606067.14	4201401.24	56511.2067	0.00635	0.00642	0.03114	0.03155	0.45433	0.44606								
606087.14	4201401.24	56208.7648	0.00656	0.00663	0.03212	0.03254	0.42521	0.41787								
606107.14	4201401.24	55809.90428	0.00675	0.00682	0.03304	0.03347	0.39931	0.39271								
606127.14	4201401.24	55606.67018	0.00696	0.00703	0.034	0.03444	0.37597	0.37								
606147.14	4201401.24	55243.18107	0.00719	0.00726	0.03504	0.0355	0.35467	0.34923								
606167.14	4201401.24	54950.83548	0.00744	0.00752	0.03613	0.0366	0.33526	0.3303								
606187.14	4201401.24	54221.78791	0.00767	0.00774	0.03709	0.03755	0.3179	0.31328								
606207.14	4201401.24	53475.26529	0.00788	0.00796	0.03799	0.03849	0.30223	0.29786								
606227.14	4201401.24	52743.07381	0.00809	0.00817	0.03892	0.03946	0.28789	0.28375								
606247.14	4201401.24	52038.68819	0.00828	0.00835	0.03982	0.04038	0.27479	0.27085								
606267.14	4201401.24	51358.38284	0.00846	0.00853	0.04073	0.04132	0.2627	0.25895								
606287.14	4201401.24	50697.5239	0.00865	0.00872	0.04169	0.04231	0.25141	0.24782								
606307.14	4201401.24	50066.3593	0.00882	0.00889	0.04261	0.04326	0.24095	0.2375								
606325.06	4201067.99	119456.4225	0.01474	0.01509	0.04168	0.04191	0.07602	0.07845								
606345.06	4201067.99	117933.8282	0.01521	0.01558	0.04269	0.04291	0.07637	0.07864								
606365.06	4201067.99	116453.4621	0.0157	0.0161	0.04371	0.04394	0.07659	0.07875								
606385.06	4201067.99	114982.506	0.01618	0.0166	0.04475	0.04498	0.07676	0.07876								
606405.06	4201067.99	113454.911	0.01669	0.01713	0.04582	0.04605	0.07683	0.07868								
606325.06	4201087.99	111133.6387	0.01407	0.01438	0.04192	0.04219	0.08298	0.08542								
606345.06	4201087.99	109634.3809	0.0145	0.01483	0.04294	0.04321	0.08312	0.08541								
606365.06	4201087.99	108198.2804	0.01495	0.0153	0.04397	0.04424	0.08314	0.08528								
606385.06	4201087.99	106779.5535	0.0154	0.01577	0.04502	0.0453	0.08307	0.08508								
606405.06	4201087.99	105333.1747	0.01587	0.01626	0.04612	0.04641	0.08294	0.08478								
606325.06	4201107.99	103863.3092	0.01345	0.01373	0.04209	0.0424	0.09048	0.09292								
606345.06	4201107.99	102402.7012	0.01387	0.01416	0.04314	0.04345	0.09034	0.09263								
606365.06	4201107.99	101005.2779	0.01429	0.01459	0.0442	0.04451	0.09012	0.09223								
606385.06	4201107.99	99641.03913	0.01471	0.01503	0.04526	0.04559	0.08979	0.09174								
606405.06	4201107.99	98270.13888	0.01514	0.01548	0.04637	0.0467	0.08937	0.09118								
606325.06	4201127.99	97435.97027	0.01288	0.01312	0.04219	0.04254	0.09851	0.10091								
606345.06	4201127.99	96027.5951	0.01328	0.01354	0.04328	0.04363	0.09805	0.10026								
606365.06	4201127.99	94675.24289	0.01369	0.01396	0.04437	0.04473	0.09752	0.09954								
606385.06	4201127.99	93364.93883	0.01408	0.01437	0.04546	0.04583	0.09688	0.09874								
606405.06	4201127.99	92058.89061	0.0145	0.0148	0.04659	0.04697	0.09615	0.09787								
606325.06	4201147.99	91687.6239	0.01235	0.01257	0.04223	0.04263	0.10705	0.10937								
606345.06	4201147.99	90347.02973	0.01273	0.01296	0.04335	0.04374	0.10623	0.10833								
606365.06	4201147.99	89045.50592	0.01314	0.01338	0.04452	0.04491	0.10528	0.10721								
606385.06	4201147.99	87789.10289	0.01353	0.01378	0.04564	0.04604	0.1043	0.10603								
606405.06	4201147.99	86549.29917	0.01393	0.01419	0.04678	0.04719	0.10323	0.10478								
606325.06	4201167.99	86500.97846	0.01185	0.01205	0.0422	0.04261	0.1161	0.11826								
606345.06	4201167.99	85236.44807	0.01222	0.01243	0.04336	0.04378	0.11481	0.11677								
606365.06	4201167.99	83997.75089	0.01264	0.01285	0.0446	0.04503	0.11343	0.11517								
606385.06	4201167.99	82800.34456	0.01302	0.01324	0.04576	0.0462	0.11203	0.11358								
606405.06	4201167.99	81628.89612	0.01339	0.01363	0.04692	0.04736	0.11056	0.11194								
606325.06	4201187.99	81598.8466	0.01137	0.01154	0.04206	0.0425	0.1256	0.12756								
606345.06	4201187.99	80600.63229	0.01173	0.01192	0.04327	0.04371	0.1238	0.12552								
606365.06	4201187.99	79443.29634	0.01213	0.01232	0.04455	0.04501	0.12193	0.12345								
606385.06	4201187.99	78297.853	0.01255	0.01275	0.04585	0.04632	0.11999	0.12135								
606405.06	4201187.99	77193.22535	0.01291	0.01312	0.04702	0.0475	0.11811	0.11927								
606325.06	4201207.99	76745.43171	0.01086	0.01101	0.0417	0.04217	0.13553	0.13722								
606345.06	4201207.99	76002.80178	0.01121	0.01137	0.04293	0.04341	0.13316	0.13461								
606365.06	4201207.99	75290.33151	0.01161	0.01178	0.04429	0.04478	0.13072	0.13198								
606385.06	4201207.99	74224.81045	0.01205	0.01223	0.04575	0.04625	0.12825	0.12932								
606405.06	4201207.99	73169.90351	0.01246	0.01265	0.04709	0.0476	0.12581	0.12673								
606325.06	4201227.99	72433.55288	0.01041	0.01055	0.04135	0.04184	0.14574	0.14709								
606345.06	4201227.99	71578.76962	0.01069	0.01084	0.04244	0.04294	0.14277	0.14392								
606365.06	4201227.99	70903.27552	0.01104	0.0112	0.04373	0.04424	0.13978	0.14074								
606385.06	4201227.99	70492.62266	0.0115	0.01166	0.04531	0.04583	0.13672	0.13751								
606405.06	4201227.99	69504.84818	0.01201	0.01218	0.04704	0.04758	0.13366	0.13428								
606325.06	4201247.99	68520.20963	0.00999	0.01012	0.04095	0.04146	0.15617	0.15712								
606345.06	4201247.99	67644.45868	0.01023	0.01037	0.04196	0.04248	0.15254	0.1533								
606365.06	4201247.99	66819.46263	0.0105	0.01063	0.04303	0.04355	0.14898	0.14955								
606325.06	4201267.99	64761.85918	0.00965	0.00977	0.04073	0.04126	0.16669	0.16716								
606345.06	4201267.99	63843.50935	0.00985	0.00997	0.04159	0.04213	0.16237	0.16268								
606365.06	4201267.99	62983.39726	0.01005	0.01018	0.0425	0.04305	0.15815	0.15831								
606325.06	4201287.99	61777.86599	0.0094	0.00951	0.04075	0.04129	0.17719	0.17715								
606345.06	4201287.99	60906.18682	0.00958	0.0097	0.04161	0.04216	0.17211	0.17195								
606365.06	4201287.99	60091.07773	0.00978	0.00991	0.04252	0.04308	0.1672	0.16692								
606325.06	4201307.99	59495.85508	0.00924	0.00935	0.04106	0.04162	0.18754	0.18699								
606345.06	4201307.99	58655.29496	0.00941	0.00952	0.0419	0.04248	0.18171	0.18105								
606365.06	4201307.99	57881.03366	0.00961	0.00972	0.04283	0.04342	0.17609	0.17535								
606325.06	4201327.99	57284.97996	0.00917	0.00928	0.04167	0.04227	0.19763	0.19651								
606345.06	4201327.99	56459.01254	0.00933	0.00944	0.04251	0.04312	0.19106	0.1899								
606365.06	4201327.99	55708.77288	0.00952	0.00963	0.04344	0.04406	0.18475	0.18355								
606325.06	4201347.99	55268.44739	0.00913	0.00922	0.04231	0.04293	0.20745	0.20573								
606345.06	4201347.99	54476.27711	0.00929	0.00939	0.04318	0.04382	0.20014	0.19841								
606365.06	4201347.99	53731.17265	0.00947	0.00957	0.04411	0.04476	0.19314	0.19143								
606325.06	4201367.99	53108.69491	0.00909	0.00918	0.04289	0.04353	0.21693	0.21462								
606345.06	4201367.99	52438.92881	0.00925	0.00934	0.04378	0.04444	0.2089	0.20661								
606365.06	4201367.99	51787.91844	0.00943	0.00953	0.04474	0.04543	0.20125	0.199								
606325.06	4201387.99	50903.34265	0.00903	0.00911	0.04329	0.04396	0.22614	0.22322								
606345.06	4201387.99	50278.88909	0.00921	0.00929	0.04428	0.04497	0.21733	0.2145								
606365.06	4201387.99	49673.48751	0.00939	0.00948	0.04528	0.04598	0.20903	0.20626								
606325.06	4201407.99	48836.56204	0.00893	0.009	0.0435	0.04418	0.23516	0.23162								
606345.06	4201407.99	48252.09701	0.00911	0.00919	0.04452	0.04523	0.2256	0.22217								
606365.06	4201407.99	47685.77483	0.0093	0.00938	0.04555	0.04629	0.21661	0.21331								
606461.88	4201147.93	83047.00713	0.01513	0.01543	0.05028	0.05074	0.09987	0.10099								
606481.88	4201147.93	81801.47737	0.01558	0.01589	0.05161	0.05209	0.09859	0.09959								
606501.88	4201147.93	80544.37341	0.01605	0.01639	0.05302	0.05353	0.09729	0.09816								
606461.88	4201167.93	78351.56414	0.01453	0.0148	0.05044	0.05093	0.10618	0.10713								
606481.88	4201167.93	77194.58692	0.01496	0.01524	0.05177	0.05229	0.10458	0.1054								
606501.88	4201167.93	76023.87152	0.01542	0.01571	0.05321	0.05375	0.10294	0.10364								
606461.88	4201187.93	74125.39748	0.01399	0.01423	0.05055	0.05108	0.11258	0.11335								
606481.88	4201187.93	73042.17099	0.01441	0.01466	0.05192	0.05247	0.11065	0.11126								
606501.88	4201187.93	71955.72437	0.01484	0.0151	0.05335	0.05393	0.10868	0.10918								
606461.88	4201207.93	70296.71497	0.0135	0.01371	0.05064	0.0512	0.11909	0.1196								
606481.88	4201207.93	69284.85951	0.0139	0.01412	0.05201	0.0526	0.11674	0.11716								
606501.88	4201207.93	68267.59365	0.01432	0.01455	0.05347	0.05408	0.11444	0.11472								
606461.88	4201227.93	66801.89549	0.01306	0.01325	0.05074	0.05133	0.12561	0.12586								
606481.88	4201227.93	65858.63913	0.01344	0.01363	0.05209	0.05271	0.12287	0.12302								
606501.88	4201227.93	64912.0011	0.01384	0.01404	0.05353	0.05417	0.12018	0.12025								
606461.88	4201247.93	63603.6984	0.01265	0.01282	0.0508	0.05141	0.13213	0.13209								
606481.88	4201247.93	62723.37362	0.01301	0.01319	0.05214	0.05278	0.12898	0.12886								
606501.88	4201247.93	61837.92542	0.01339	0.01358	0.05358	0.05425	0.1259	0.12569								
606461.88	4201267.93	60661.7728	0.01226	0.01242	0.05082	0.05145	0.1386	0.13826								
606481.88	4201267.93	59838.81913	0.01261	0.01277	0.05216	0.05282	0.13503	0.13462								
606501.88	4201267.93	59010.43113	0.01298	0.01315	0.0536	0.05429	0.13155	0.13107								
606461.88	4201287.93	57946.70927	0.01187	0.01202	0.05073	0.05139	0.145	0.14434								
606481.88	4201287.93	57171.56508	0.01224	0.01239	0.05218	0.05286	0.14096	0.14026								
606501.88	4201287.93	56397.55006	0.0126	0.01276	0.05361	0.05432	0.13709	0.13633								
606461.88	4201307.93	55436.20312	0.01141	0.01154	0.05029	0.05097	0.15137	0.15039								
606481.88	4201307.93	54700.84926	0.01188	0.01202	0.05212	0.05283	0.1468	0.14578								
606501.88	4201307.93	53974.50343	0.01225	0.01239	0.05361	0.05434	0.1425	0.14145								
606461.88	4201327.93	53085.81258	0.01107	0.01119	0.05011	0.0508	0.15751	0.15617								
606481.88	4201327.93	52406.58985	0.01151	0.01164	0.05191	0.05264	0.15252	0.15116								
606501.88	4201327.93	51720.74656	0.01193	0.01205	0.05358	0.05434	0.14776	0.14641								
606461.88	4201347.93	50868.45593	0.01076	0.01087	0.04995	0.05067	0.16346	0.16178								
606481.88	4201347.93	50261.61127	0.01118	0.01129	0.05169	0.05245	0.15804	0.15636								
606501.88	4201347.93	49620.20063	0.01162	0.01172	0.05348	0.05426	0.15286	0.15119								
606461.88	4201367.93	48840.75583	0.01066	0.01076	0.05048	0.05125	0.16903	0.16698								
606481.88	4201367.93	48247.06646	0.01101	0.0111	0.05197	0.05275	0.16325	0.16123								
606501.88	4201367.93	47648.50315	0.01139	0.01148	0.05358	0.05439	0.15771	0.15572								
606461.88	4201387.93	46907.64655	0.01059	0.01067	0.05105	0.05184	0.17433	0.1719								
606481.88	4201387.93	46343.77093	0.01095	0.01103	0.05261	0.05342	0.16811	0.16574								
606501.88	4201387.93	45749.48495	0.01147	0.01155	0.05465	0.05548	0.16209	0.15973								
606461.88	4201407.93	45037.44015	0.01073	0.0108	0.05219	0.05301	0.17914	0.17629								
606481.88	4201407.93	44459.96681	0.01123	0.0113	0.05413	0.05496	0.1723	0.16955								
606501.88	4201407.93	43854.35877	0.01213	0.01222	0.0565	0.05733	0.16571	0.16304								
606384.38	4201249.47	65885.26561	0.01077	0.01092	0.04421	0.04475	0.14618	0.1466								
606404.38	4201249.47	65780.74707	0.01133	0.01148	0.04622	0.04678	0.14248	0.14277								
606384.38	4201269.47	61947.26481	0.01024	0.01037	0.0434	0.04395	0.1548	0.15482								
606404.38	4201269.47	61785.36912	0.01063	0.01077	0.04498	0.04555	0.15066	0.15056								
606384.38	4201289.47	59140.59324	0.00997	0.0101	0.04345	0.04402	0.16322	0.16282								
606404.38	4201289.47	58440.04663	0.01021	0.01034	0.04451	0.0451	0.15856	0.15808								
606384.38	4201309.47	56985.5653	0.00979	0.00991	0.04379	0.04439	0.17148	0.17064								
606404.38	4201309.47	56303.34595	0.01003	0.01016	0.04487	0.04548	0.16622	0.16535								
606384.38	4201329.47	54860.88333	0.00971	0.00983	0.04443	0.04506	0.17951	0.17823								
606404.38	4201329.47	54192.57861	0.00994	0.01006	0.0455	0.04614	0.17366	0.17236								
606384.38	4201349.47	52919.44751	0.00966	0.00977	0.04512	0.04578	0.18727	0.18552								
606404.38	4201349.47	52263.88095	0.00988	0.00999	0.04618	0.04685	0.18085	0.17912								
606384.38	4201369.47	51018.72009	0.00962	0.00972	0.04577	0.04647	0.19475	0.19251								
606404.38	4201369.47	50403.33021	0.00984	0.00993	0.04683	0.04755	0.18778	0.18558								
606384.38	4201389.47	48952.64172	0.00959	0.00967	0.04635	0.04708	0.20192	0.19919								
606404.38	4201389.47	48376.77077	0.00981	0.00989	0.04745	0.0482	0.19439	0.19174								
606384.38	4201409.47	47009.58198	0.0095	0.00958	0.04665	0.04742	0.20889	0.20566								
606404.38	4201409.47	46468.48339	0.00973	0.0098	0.04782	0.0486	0.20078	0.19767								
606423.8	4201072.57	109994.106	0.01699	0.01744	0.04695	0.04721	0.07813	0.07988								

606443.8	4201072.57	108310.1901	0.01755	0.01803	0.04814	0.04841	0.07797	0.07959
606423.8	4201092.57	102248.2716	0.01615	0.01655	0.04726	0.04756	0.0841	0.0858
606443.8	4201092.57	100714.4742	0.01667	0.01709	0.04847	0.04879	0.08573	0.08531
606423.8	4201112.57	95482.92968	0.01542	0.01576	0.04752	0.04788	0.09039	0.09201
606443.8	4201112.57	94069.46291	0.0159	0.01627	0.04875	0.04912	0.08976	0.09124
606423.8	4201132.57	89522.45162	0.01477	0.01507	0.04775	0.04814	0.09696	0.09847
606443.8	4201132.57	88217.36774	0.01521	0.01553	0.04897	0.04938	0.09602	0.09738
606423.8	4201152.57	84236.71667	0.01417	0.01444	0.04792	0.04835	0.10375	0.10514
606443.8	4201152.57	83018.31911	0.01459	0.01487	0.04915	0.0496	0.10251	0.10372
606423.8	4201172.57	79503.1443	0.01363	0.01387	0.04805	0.04852	0.11078	0.11196
606443.8	4201172.57	78363.7382	0.01403	0.01427	0.04929	0.04977	0.10914	0.1102
606423.8	4201192.57	75232.18236	0.01314	0.01335	0.04816	0.04866	0.11797	0.11893
606443.8	4201192.57	74165.49662	0.01352	0.01374	0.0494	0.04992	0.11593	0.11675
606423.8	4201212.57	71354.25602	0.01269	0.01288	0.04824	0.04877	0.12528	0.12599
606443.8	4201212.57	70354.74825	0.01306	0.01325	0.0495	0.05004	0.12281	0.12338
606423.8	4201232.57	67810.96242	0.01229	0.01246	0.04831	0.04886	0.13264	0.13307
606443.8	4201232.57	66874.98239	0.01264	0.01282	0.04958	0.05015	0.12973	0.13001
606423.11	4201254.06	64368.56675	0.01182	0.01198	0.04818	0.04877	0.14075	0.14082
606443.11	4201254.06	63486.9285	0.01221	0.01237	0.04959	0.05019	0.13727	0.13723
606423.11	4201274.06	61117.76987	0.01114	0.01128	0.04715	0.04774	0.14843	0.14815
606443.11	4201274.06	60574.03792	0.01178	0.01193	0.04944	0.05007	0.14419	0.14383
606423.11	4201294.06	57806.30372	0.01058	0.01071	0.04625	0.04686	0.1559	0.15526
606443.11	4201294.06	57763.08854	0.01118	0.01131	0.04856	0.0492	0.15121	0.15052
606423.11	4201314.06	55282.42196	0.0103	0.01043	0.04627	0.0469	0.16307	0.16204
606443.11	4201314.06	54972.814	0.01076	0.01089	0.04813	0.04879	0.15796	0.15691
606423.11	4201334.06	53168.5552	0.01018	0.01029	0.04677	0.04743	0.16997	0.16854
606443.11	4201334.06	52667.09167	0.01051	0.01063	0.0482	0.04888	0.16443	0.163
606423.11	4201354.06	51286.15896	0.01011	0.01022	0.04743	0.04812	0.17661	0.17477
606443.11	4201354.06	50750.39969	0.01041	0.01051	0.04874	0.04945	0.1706	0.16879
606423.11	4201374.06	49371.32469	0.01007	0.01016	0.04811	0.04884	0.18296	0.18072
606443.11	4201374.06	48784.06256	0.01034	0.01043	0.04935	0.05011	0.17649	0.17429
606423.11	4201394.06	47402.96187	0.01003	0.01011	0.04871	0.04948	0.18904	0.18636
606443.11	4201394.06	46851.0644	0.0103	0.01038	0.04997	0.05076	0.1821	0.17949
606423.11	4201414.06	45549.87578	0.00997	0.01004	0.04912	0.04992	0.19485	0.19175
606443.11	4201414.06	45002.18633	0.01036	0.01042	0.0508	0.05161	0.18731	0.18426
606458.33	4201114.06	92577.04242	0.01621	0.01658	0.04969	0.05008	0.0897	0.09108
606478.33	4201114.06	91155.81631	0.0167	0.01709	0.05098	0.05139	0.08893	0.09018
606458.33	4201134.06	86856.61974	0.0155	0.01582	0.04992	0.05034	0.09576	0.09701
606478.33	4201134.06	85545.1356	0.01596	0.01631	0.05123	0.05168	0.09472	0.09584
606458.41	4201076.62	105444.1522	0.01778	0.01827	0.04912	0.0494	0.07891	0.08045
606478.41	4201076.62	103713.4194	0.01838	0.0189	0.05041	0.0507	0.0786	0.08
606458.41	4201096.62	98175.01304	0.0169	0.01732	0.04945	0.04979	0.08458	0.08603
606478.41	4201096.62	96625.22717	0.01744	0.01788	0.05075	0.0511	0.08402	0.08535
606487.59	4201114.96	90227.29124	0.0169	0.0173	0.05162	0.05203	0.0888	0.08999
606507.59	4201114.96	88778.24465	0.01746	0.01788	0.05305	0.05348	0.08793	0.08899
606487.59	4201134.96	84695.21062	0.01616	0.01651	0.05188	0.05235	0.09448	0.09553
606507.59	4201134.96	83370.62096	0.01666	0.01703	0.0533	0.05379	0.09334	0.09428
606487.67	4201077.52	102575.7797	0.01861	0.01914	0.05103	0.05134	0.07866	0.08001
606507.67	4201077.52	100854.3993	0.01924	0.01979	0.0524	0.05271	0.07821	0.07947
606487.67	4201097.52	95610.0991	0.01765	0.01811	0.05138	0.05175	0.08398	0.08527
606507.67	4201097.52	94053.38419	0.01822	0.01871	0.05277	0.05315	0.08333	0.08449
605889.69	4201158.66	144347.9558	0.0078	0.00788	0.02773	0.02797	0.09656	0.10067
605889.69	4201178.66	134020.4315	0.00758	0.00765	0.02776	0.02801	0.10945	0.11502
605889.69	4201198.66	124751.2946	0.00737	0.00744	0.02781	0.02806	0.12579	0.13331
605889.69	4201218.66	116304.0484	0.00717	0.00724	0.02783	0.0281	0.14691	0.15703
605889.69	4201238.66	108325.5621	0.00696	0.00702	0.02776	0.02804	0.17497	0.18832
605889.69	4201258.66	99312.43574	0.00664	0.0067	0.02728	0.02757	0.21345	0.23056
605889.69	4201278.66	90419.39713	0.00625	0.0063	0.02638	0.02668	0.26254	0.28318
605889.69	4201298.66	80006.64879	0.00571	0.00575	0.02474	0.02502	0.30855	0.33621
605876.33	4201162.41	145695.7889	0.00766	0.00774	0.02744	0.02767	0.0989	0.10285
605876.33	4201182.41	135121.6546	0.00745	0.00752	0.02747	0.02772	0.11195	0.11737
605876.33	4201202.41	125588.983	0.00725	0.00732	0.02751	0.02776	0.12854	0.13598
605876.33	4201222.41	116824.5924	0.00705	0.00711	0.0275	0.02776	0.15017	0.16034
605876.33	4201242.41	107770.9604	0.0068	0.00686	0.0273	0.02758	0.17932	0.19308
605876.33	4201262.41	98865.92029	0.00648	0.00653	0.02674	0.02703	0.21945	0.23751
605876.33	4201282.41	89770.10995	0.00609	0.00614	0.02582	0.02611	0.26679	0.28987
605876.33	4201302.41	79796.78091	0.0056	0.00565	0.02438	0.02467	0.31505	0.34604
605863.81	4201176.17	141289.299	0.00744	0.00751	0.02719	0.02744	0.10775	0.11222
605863.81	4201196.17	130945.4654	0.00723	0.0073	0.02721	0.02746	0.12273	0.12893
605863.81	4201216.17	120921.202	0.00702	0.00708	0.02717	0.02743	0.14211	0.15073
605863.81	4201236.17	111994.3818	0.00679	0.00685	0.02704	0.02731	0.16786	0.17984
605863.81	4201256.17	102924.2207	0.0065	0.00655	0.0266	0.02689	0.20332	0.21971
605863.81	4201276.17	94793.12014	0.00623	0.00628	0.02615	0.02644	0.25132	0.27093
605863.81	4201296.17	84399.11138	0.00574	0.00579	0.02474	0.02503	0.29426	0.32399
605852.79	4201178.5	142642.2951	0.00734	0.00741	0.02605	0.02719	0.10974	0.114
605852.79	4201198.5	131875.1396	0.00712	0.00719	0.02693	0.02718	0.12491	0.13083
605852.79	4201218.5	121521.9931	0.00691	0.00697	0.02687	0.02713	0.14443	0.15279
605852.79	4201238.5	112276.6925	0.00668	0.00674	0.02669	0.02696	0.17049	0.18229
605852.79	4201258.5	103286.6514	0.00641	0.00646	0.02631	0.0266	0.20622	0.22274
605852.79	4201278.5	95211.28603	0.00616	0.00621	0.02592	0.02621	0.25478	0.27441
605852.79	4201298.5	85228.67525	0.00572	0.00577	0.02469	0.02498	0.30002	0.33074
605841.72	4201197.42	133949.4807	0.00706	0.00712	0.02665	0.0269	0.12451	0.12982
605841.72	4201217.42	123792.5183	0.00685	0.00691	0.02659	0.02685	0.14334	0.15088
605841.72	4201237.42	114241.2707	0.00662	0.00668	0.02642	0.02669	0.16831	0.17913
605841.72	4201257.42	105253.2932	0.00638	0.00643	0.02612	0.02641	0.20234	0.21787
605841.72	4201277.42	97280.13698	0.00616	0.0062	0.02585	0.02614	0.24955	0.2692
605841.72	4201297.42	87973.45302	0.00579	0.00584	0.02402	0.02522	0.30006	0.32796
605829.79	4201251.28	109685.4746	0.0064	0.00645	0.026	0.02628	0.18982	0.20274
605829.79	4201271.28	101297.5516	0.00619	0.00623	0.02577	0.02606	0.23109	0.24989
605829.79	4201291.28	93488.83271	0.00597	0.00601	0.02545	0.02575	0.26755	0.31046
605818.78	4201253.61	110354.1236	0.00633	0.00638	0.0258	0.02608	0.1936	0.20608
605818.78	4201273.61	101953.1649	0.00613	0.00618	0.0256	0.02589	0.23531	0.25407
605818.78	4201293.61	94521.65516	0.00596	0.006	0.02544	0.02574	0.29517	0.31928
605807.71	4201252.53	112661.5095	0.00631	0.00636	0.02565	0.02592	0.19203	0.2032
605807.71	4201272.53	104032.4058	0.00612	0.00616	0.02548	0.02577	0.23188	0.24891
605807.71	4201292.53	96320.33934	0.00594	0.00598	0.02532	0.02562	0.28894	0.3126
605818.76	4201242.41	115473.2172	0.00645	0.0065	0.0259	0.02618	0.17559	0.18558
605831.7	4201240.74	114202.006	0.00653	0.00658	0.02617	0.02644	0.17294	0.18366
605821.68	4201230.72	120559.2384	0.00659	0.00664	0.02605	0.02631	0.15959	0.16777
605832.12	4201225.71	121279.9822	0.0067	0.00675	0.02631	0.02657	0.15301	0.16113
605779.97	4201340.44	82963.36839	0.00549	0.00553	0.02455	0.02487	0.56222	0.62399
605759.97	4201360.44	79776.2975	0.0054	0.00544	0.02455	0.02489	0.85648	1.02048
605779.97	4201360.44	75056.68876	0.0052	0.00524	0.02371	0.02403	0.76053	0.89551
605759.97	4201380.44	72805.43167	0.00516	0.0052	0.02391	0.02426	1.44208	1.78704
605779.97	4201380.44	67981.2828	0.00492	0.00496	0.02293	0.02325	1.15057	1.40012
605759.97	4201400.44	66499.37804	0.00493	0.00497	0.02328	0.02363	3.09453	3.48775
605779.97	4201400.44	63103.64544	0.00477	0.00481	0.02269	0.02302	2.16576	2.29687
605791.09	4201315.56	90401.69387	0.00573	0.00577	0.02502	0.02533	0.38597	0.42284
605791.09	4201335.56	82242.12053	0.00546	0.0055	0.02433	0.02465	0.49345	0.55806
605791.09	4201355.56	74051.40466	0.00514	0.00518	0.02339	0.0237	0.64998	0.76952
605798.95	4201281.17	101827.6593	0.00602	0.00606	0.0253	0.0256	0.25346	0.27276
605798.95	4201301.17	94332.63546	0.00585	0.00589	0.02517	0.02547	0.31966	0.34672
605798.95	4201321.17	86670.21951	0.00563	0.00567	0.02475	0.02506	0.40811	0.44078
605779.79	4201321.31	90116.82433	0.0057	0.00574	0.02498	0.0253	0.41611	0.4635
605786.18	4201298.71	96930.3487	0.00585	0.00589	0.02507	0.02537	0.30878	0.33544

Ranch EIR Residential Project Construction Parameters

Phase 3

Construction Annual Total PM2.5 (Total PM2.5) **Unmitigated Concentrations**

Annual Average Onsite DPM Rate (grams/m2/sec): 2.51E-08
Annual Average Offsite DPM Emission Rate - Road 1 (grams/sec): 2.51E-04
Annual Average Offsite DPM Emission Rate - Road 2 (grams/sec): 2.54E-04
Annual Average Offsite DPM Emission Rate - Road 3 (grams/sec): 4.07E-04
Annual Average Offsite DPM Emission Rate - Road 4 (grams/sec): 4.06E-04
Annual Average Offsite DPM Emission Rate - Road 5 (grams/sec): 1.46E-04
Annual Average Offsite DPM Emission Rate - Road 6 (grams/sec): 1.46E-04

X	Y	Onsite Phase 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 1 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 4 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 5 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 6 Unit Emissions VALUES AVERAGED AVERAGE CONC	Onsite Phase 3 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 1 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 2 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 3 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 4 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 5 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 6 Annual PM2.5 Total w/Actual Emissions (ug/m3)	**Total DPM (ug/m3)**
606771.32	4200808.57	155511.5541	0.08488	0.08498	0.04666	0.04498	0.03495	0.03568	3.91E-03	2.13E-05	2.16E-05	1.90E-05	1.82E-05	5.10E-06	5.20E-06	3.9908E-03
606787.8	4200808.22	144532.8459	0.08645	0.08689	0.04598	0.04418	0.03523	0.03594	3.63E-03	2.17E-05	2.21E-05	1.87E-05	1.79E-05	5.14E-06	5.24E-06	3.7150E-03
606807.8	4200808.22	129919.5236	0.09263	0.09273	0.04694	0.04487	0.0354	0.03608	3.27E-03	2.33E-05	2.36E-05	1.91E-05	1.82E-05	5.17E-06	5.26E-06	3.3512E-03
606827.8	4200808.22	117918.5764	0.09855	0.09846	0.04723	0.04515	0.03554	0.0362	2.97E-03	2.48E-05	2.51E-05	1.92E-05	1.83E-05	5.19E-06	5.28E-06	3.0526E-03
606847.8	4200808.22	107817.4147	0.10527	0.10493	0.04756	0.04536	0.03565	0.03629	2.71E-03	2.64E-05	2.67E-05	1.94E-05	1.84E-05	5.21E-06	5.29E-06	2.8022E-03
606867.8	4200808.22	99211.71167	0.11284	0.11219	0.04773	0.04526	0.03573	0.03634	2.49E-03	2.83E-05	2.85E-05	1.94E-05	1.84E-05	5.22E-06	5.30E-06	2.5895E-03
606887.8	4200808.22	91866.24705	0.12011	0.1193	0.04774	0.04539	0.0358	0.03637	2.31E-03	3.02E-05	3.04E-05	1.94E-05	1.84E-05	5.23E-06	5.30E-06	2.4085E-03
606907.8	4200808.22	85466.45737	0.12864	0.12706	0.04822	0.04576	0.03583	0.03638	2.15E-03	3.23E-05	3.23E-05	1.96E-05	1.86E-05	5.23E-06	5.30E-06	2.2520E-03
606927.8	4200808.22	79890.25681	0.13855	0.13642	0.04848	0.04592	0.03585	0.03638	2.01E-03	3.48E-05	3.47E-05	1.97E-05	1.86E-05	5.24E-06	5.30E-06	2.1169E-03
606947.8	4200808.22	74967.92316	0.14935	0.14655	0.04867	0.04599	0.03586	0.03636	1.89E-03	3.75E-05	3.73E-05	1.98E-05	1.87E-05	5.24E-06	5.30E-06	1.9985E-03
606767.8	4200828.22	155309.5667	0.07943	0.08004	0.04887	0.04722	0.03696	0.0377	3.91E-03	1.99E-05	2.04E-05	1.99E-05	1.92E-05	5.40E-06	5.49E-06	3.9849E-03
606787.8	4200828.22	140336.6	0.08291	0.08356	0.04949	0.04763	0.03723	0.03795	3.53E-03	2.08E-05	2.13E-05	2.02E-05	1.93E-05	5.44E-06	5.53E-06	3.6106E-03
606807.8	4200828.22	126036.0946	0.08872	0.08925	0.05015	0.04814	0.03734	0.03803	3.17E-03	2.23E-05	2.27E-05	2.04E-05	1.95E-05	5.45E-06	5.54E-06	3.2543E-03
606827.8	4200828.22	114396.0238	0.09503	0.0954	0.05072	0.0484	0.03742	0.03808	2.88E-03	2.39E-05	2.43E-05	2.07E-05	1.96E-05	5.46E-06	5.55E-06	2.9651E-03
606847.8	4200828.22	104780.2993	0.10165	0.10182	0.05108	0.04874	0.0375	0.03812	2.63E-03	2.55E-05	2.59E-05	2.08E-05	1.98E-05	5.48E-06	5.56E-06	2.7269E-03
606867.8	4200828.22	96634.10726	0.10898	0.10885	0.05159	0.04908	0.03755	0.03815	2.43E-03	2.74E-05	2.77E-05	2.10E-05	1.99E-05	5.48E-06	5.56E-06	2.5260E-03
606887.8	4200828.22	89601.82619	0.11633	0.11618	0.05164	0.04914	0.03757	0.03814	2.25E-03	2.92E-05	2.96E-05	2.10E-05	1.99E-05	5.49E-06	5.56E-06	2.3529E-03
606907.8	4200828.22	83469.99993	0.12471	0.12391	0.05224	0.0496	0.03757	0.03811	2.10E-03	3.13E-05	3.15E-05	2.13E-05	2.01E-05	5.49E-06	5.55E-06	2.2032E-03
606927.8	4200828.22	78101.12581	0.13491	0.13348	0.05275	0.04996	0.03755	0.03806	1.96E-03	3.39E-05	3.40E-05	2.15E-05	2.03E-05	5.48E-06	5.55E-06	2.0736E-03
606947.8	4200828.22	73360.72938	0.14597	0.14392	0.05313	0.05019	0.03751	0.038	1.84E-03	3.67E-05	3.66E-05	2.16E-05	2.04E-05	5.48E-06	5.54E-06	1.9601E-03
606967.8	4200828.22	69128.02533	0.15835	0.1555	0.05344	0.05035	0.03745	0.03792	1.74E-03	3.98E-05	3.96E-05	2.18E-05	2.04E-05	5.47E-06	5.53E-06	1.8599E-03
606987.8	4200828.22	65328.63306	0.1721	0.16843	0.05365	0.05042	0.03738	0.03781	1.64E-03	4.32E-05	4.29E-05	2.19E-05	2.05E-05	5.46E-06	5.51E-06	1.7712E-03
606747.8	4200848.22	161980.7128	0.07322	0.07409	0.05153	0.05004	0.03871	0.03948	4.07E-03	1.84E-05	1.89E-05	2.10E-05	2.03E-05	5.65E-06	5.75E-06	4.1518E-03
606767.8	4200848.22	147197.3767	0.07637	0.0772	0.05195	0.05034	0.03902	0.03976	3.70E-03	1.92E-05	1.96E-05	2.12E-05	2.04E-05	5.70E-06	5.80E-06	3.7819E-03
606787.8	4200848.22	133908.0436	0.07951	0.08048	0.05277	0.05093	0.03926	0.03998	3.37E-03	2.00E-05	2.05E-05	2.15E-05	2.07E-05	5.73E-06	5.83E-06	3.4500E-03
606807.8	4200848.22	120945.0068	0.08497	0.08588	0.05356	0.05147	0.03933	0.04002	3.04E-03	2.13E-05	2.18E-05	2.18E-05	2.09E-05	5.74E-06	5.83E-06	3.1273E-03
606827.8	4200848.22	110265.7756	0.09086	0.09168	0.05414	0.05168	0.03939	0.04004	2.77E-03	2.28E-05	2.33E-05	2.21E-05	2.10E-05	5.75E-06	5.84E-06	2.8620E-03
606847.8	4200848.22	101293.5131	0.09686	0.09802	0.05473	0.05214	0.03942	0.04004	2.55E-03	2.43E-05	2.49E-05	2.23E-05	2.12E-05	5.76E-06	5.84E-06	2.6399E-03
606867.8	4200848.22	93645.49235	0.10405	0.105	0.05544	0.05268	0.03942	0.04001	2.35E-03	2.61E-05	2.67E-05	2.26E-05	2.14E-05	5.76E-06	5.83E-06	2.4517E-03
606887.8	4200848.22	87017.45345	0.11154	0.11218	0.05584	0.05323	0.0394	0.03996	2.19E-03	2.80E-05	2.85E-05	2.27E-05	2.16E-05	5.75E-06	5.82E-06	2.2891E-03
606907.8	4200848.22	81223.29463	0.12016	0.12015	0.05661	0.05383	0.03936	0.03989	2.04E-03	3.02E-05	3.06E-05	2.31E-05	2.18E-05	5.75E-06	5.81E-06	2.1481E-03
606927.8	4200848.22	76116.92934	0.13044	0.12983	0.05739	0.05442	0.03929	0.03979	1.91E-03	3.28E-05	3.30E-05	2.34E-05	2.21E-05	5.74E-06	5.80E-06	2.0253E-03
606947.8	4200848.22	71589.55421	0.1417	0.14051	0.05805	0.05487	0.03921	0.03968	1.80E-03	3.56E-05	3.57E-05	2.36E-05	2.23E-05	5.73E-06	5.78E-06	1.9175E-03
606967.8	4200848.22	67542.69697	0.15423	0.1523	0.05861	0.05523	0.03911	0.03955	1.70E-03	3.87E-05	3.87E-05	2.39E-05	2.24E-05	5.71E-06	5.76E-06	1.8222E-03
606987.8	4200848.22	63902.86705	0.16822	0.16553	0.05905	0.05548	0.03899	0.0394	1.61E-03	4.22E-05	4.21E-05	2.41E-05	2.25E-05	5.69E-06	5.74E-06	1.7379E-03
607107.8	4200848.22	47948.54902	0.30118	0.28705	0.05941	0.0552	0.03792	0.03819	1.21E-03	7.56E-05	7.30E-05	2.42E-05	2.24E-05	5.54E-06	5.57E-06	1.4010E-03
607127.8	4200848.22	45981.50889	0.33611	0.31796	0.05919	0.05502	0.03769	0.03795	1.16E-03	8.44E-05	8.09E-05	2.41E-05	2.23E-05	5.50E-06	5.53E-06	1.3680E-03
607147.8	4200848.22	44152.93426	0.37708	0.35414	0.05906	0.05496	0.03745	0.03769	1.11E-03	9.47E-05	9.01E-05	2.41E-05	2.23E-05	5.47E-06	5.49E-06	1.3415E-03
607167.8	4200848.22	42453.86219	0.42527	0.39626	0.05896	0.05493	0.03721	0.03742	1.07E-03	1.07E-04	1.01E-04	2.40E-05	2.23E-05	5.43E-06	5.45E-06	1.3215E-03
607187.8	4200848.22	40866.82242	0.48374	0.44686	0.05904	0.0551	0.03695	0.03714	1.03E-03	1.21E-04	1.14E-04	2.40E-05	2.24E-05	5.40E-06	5.41E-06	1.3092E-03
607207.8	4200848.22	39381.27565	0.55629	0.50873	0.05937	0.0555	0.03668	0.03685	9.90E-04	1.40E-04	1.29E-04	2.42E-05	2.25E-05	5.36E-06	5.37E-06	1.3061E-03
607227.8	4200848.22	37993.42726	0.64634	0.58449	0.0597	0.05577	0.0364	0.03656	9.55E-04	1.62E-04	1.49E-04	2.43E-05	2.26E-05	5.32E-06	5.33E-06	1.3134E-03
606747.8	4200868.22	151565.5533	0.06964	0.07075	0.05426	0.05284	0.04093	0.0417	3.81E-03	1.75E-05	1.80E-05	2.21E-05	2.14E-05	5.98E-06	6.08E-06	3.8904E-03
606767.8	4200868.22	139104.5775	0.07232	0.07347	0.05474	0.0532	0.04122	0.04196	3.50E-03	1.82E-05	1.87E-05	2.23E-05	2.16E-05	6.02E-06	6.12E-06	3.5788E-03
606787.8	4200868.22	126866.2019	0.07499	0.07653	0.05533	0.05361	0.04138	0.04209	3.19E-03	1.88E-05	1.95E-05	2.25E-05	2.17E-05	6.04E-06	6.13E-06	3.2729E-03
606807.8	4200868.22	115396.975	0.08024	0.08198	0.05663	0.05445	0.04142	0.04209	2.90E-03	2.02E-05	2.09E-05	2.31E-05	2.21E-05	6.05E-06	6.13E-06	2.9880E-03
606827.8	4200868.22	105751.2079	0.08613	0.0876	0.0578	0.05523	0.04143	0.04207	2.66E-03	2.16E-05	2.23E-05	2.35E-05	2.24E-05	6.05E-06	6.13E-06	2.7492E-03
606847.8	4200868.22	97514.3627	0.09216	0.09377	0.05865	0.05603	0.04141	0.04201	2.45E-03	2.31E-05	2.39E-05	2.39E-05	2.27E-05	6.05E-06	6.12E-06	2.5458E-03
606867.8	4200868.22	90422.1408	0.09897	0.10064	0.05926	0.0568	0.04136	0.04194	2.27E-03	2.49E-05	2.56E-05	2.41E-05	2.30E-05	6.04E-06	6.11E-06	2.3715E-03
606887.8	4200868.22	84242.24064	0.10635	0.10759	0.06025	0.05759	0.04129	0.04184	2.12E-03	2.67E-05	2.74E-05	2.45E-05	2.34E-05	6.03E-06	6.10E-06	2.2204E-03
606907.8	4200868.22	78809.36958	0.11494	0.1156	0.0613	0.05841	0.0412	0.04171	1.98E-03	2.89E-05	2.94E-05	2.50E-05	2.37E-05	6.02E-06	6.08E-06	2.0887E-03
606927.8	4200868.22	73997.35032	0.1252	0.12524	0.06236	0.05926	0.04109	0.04157	1.86E-03	3.14E-05	3.19E-05	2.54E-05	2.40E-05	6.00E-06	6.06E-06	1.9735E-03
606947.8	4200868.22	69706.90848	0.13646	0.1362	0.06338	0.06002	0.04095	0.0414	1.75E-03	3.43E-05	3.47E-05	2.58E-05	2.43E-05	5.98E-06	6.03E-06	1.8720E-03
607047.8	4200868.22	53764.24621	0.21797	0.21262	0.06661	0.06198	0.04002	0.04034	1.35E-03	5.47E-05	5.41E-05	2.71E-05	2.51E-05	5.84E-06	5.88E-06	1.5131E-03
607067.8	4200868.22	51356.04765	0.24166	0.23438	0.06683	0.06201	0.03979	0.04008	1.29E-03	6.07E-05	5.96E-05	2.72E-05	2.52E-05	5.81E-06	5.84E-06	1.4641E-03
607087.8	4200868.22	49135.90153	0.2691	0.25943	0.06693	0.06197	0.03954	0.03981	1.24E-03	6.76E-05	6.60E-05	2.73E-05	2.51E-05	5.77E-06	5.80E-06	1.4216E-03
607107.8	4200868.22	47085.71378	0.30081	0.28785	0.06688	0.06184	0.03928	0.03953	1.18E-03	7.55E-05	7.32E-05	2.72E-05	2.51E-05	5.74E-06	5.76E-06	1.3852E-03
607127.8	4200868.22	45185.63022	0.33783	0.3207	0.06674	0.06168	0.03901	0.03924	1.14E-03	8.48E-05	8.16E-05	2.72E-05	2.50E-05	5.70E-06	5.72E-06	1.3549E-03
607147.8	4200868.22	43418.73887	0.38147	0.35914	0.06656	0.06154	0.03873	0.03893	1.09E-03	9.58E-05	9.14E-05	2.71E-05	2.50E-05	5.66E-06	5.67E-06	1.3311E-03
607167.8	4200868.22	41772.40418	0.4335	0.40452	0.06643	0.06147	0.03844	0.03862	1.05E-03	1.09E-04	1.03E-04	2.71E-05	2.49E-05	5.61E-06	5.63E-06	1.3142E-03
607187.8	4200868.22	40234.12324	0.49695	0.45919	0.06644	0.06158	0.03814	0.0383	1.01E-03	1.25E-04	1.17E-04	2.71E-05	2.50E-05	5.57E-06	5.58E-06	1.3054E-03
607207.8	4200868.22	38795.57671	0.57552	0.52578	0.06658	0.06182	0.03783	0.03797	9.76E-04	1.45E-04	1.34E-04	2.71E-05	2.51E-05	5.52E-06	5.53E-06	1.3061E-03
607227.8	4200868.22	37445.71006	0.67607	0.6095	0.06699	0.06226	0.03751	0.03764	9.42E-04	1.70E-04	1.55E-04	2.73E-05	2.53E-05	5.48E-06	5.49E-06	1.3190E-03
606755.19	4200886.81	139503.3263	0.06602	0.06742	0.05665	0.05528	0.04331	0.04406	3.51E-03	1.66E-05	1.72E-05	2.31E-05	2.24E-05	6.32E-06	6.42E-06	3.5873E-03
606767.8	4200888.22	131414.7725	0.06711	0.06848	0.05733	0.05583	0.04357	0.0443	3.30E-03	1.69E-05	1.74E-05	2.34E-05	2.26E-05	6.36E-06	6.46E-06	3.3849E-03
606787.8	4200888.22	119786.8771	0.07067	0.07233	0.05854	0.05691	0.0436	0.04429	3.01E-03	1.77E-05	1.84E-05	2.38E-05	2.31E-05	6.37E-06	6.46E-06	3.0953E-03
606807.8	4200888.22	109714.0964	0.07569	0.07783	0.06005	0.05796	0.04358	0.04424	2.76E-03	1.90E-05	1.98E-05	2.45E-05	2.35E-05	6.36E-06	6.45E-06	2.8457E-03
606827.8	4200888.22	101069.4191	0.08123	0.08322	0.06151	0.059	0.04354	0.04416	2.54E-03	2.04E-05	2.12E-05	2.51E-05	2.39E-05	6.36E-06	6.44E-06	2.6321E-03
606847.8	4200888.22	93599.39802	0.08718	0.08918	0.06278	0.06005	0.04346	0.04405	2.35E-03	2.19E-05	2.27E-05	2.56E-05	2.44E-05	6.35E-06	6.42E-06	2.4482E-03
606867.8	4200888.22	87090.17293	0.09361	0.09578	0.06386	0.06111	0.04336	0.04392	2.19E-03	2.35E-05	2.44E-05	2.60E-05	2.48E-05	6.33E-06	6.40E-06	2.2887E-03
606887.8	4200888.22	81364.95425	0.1007	0.10229	0.06484	0.06219	0.04324	0.04376	2.05E-03	2.53E-05	2.60E-05	2.64E-05	2.52E-05	6.31E-06	6.38E-06	2.1490E-03
606907.8	4200888.22	76308.93177	0.10915	0.11042	0.06619	0.06329	0.04309	0.04358	1.92E-03	2.74E-05	2.81E-05	2.70E-05	2.57E-05	6.29E-06	6.35E-06	2.0271E-03
606927.8	4200888.22	71794.77961	0.11931	0.12036	0.06767	0.0645	0.04292	0.04338	1.81E-03	3.00E-05	3.06E-05	2.76E-05	2.62E-05	6.27E-06	6.32E-06	1.9197E-03
607027.8	4200888.22	55112.02175	0.19098	0.18881	0.07377	0.06888	0.04181	0.04212	1.39E-03	4.80E-05	4.80E-05	3.00E-05	2.79E-05	6.11E-06	6.14E-06	1.5399E-03
607047.8	4200888.22	52601.51627	0.21223	0.20856	0.07461	0.06939	0.04153	0.04182	1.32E-03	5.33E-05	5.31E-05	3.04E-05	2.81E-05	6.06E-06	6.10E-06	1.4877E-03
607067.8	4200888.22	50294.57352	0.23655	0.23104	0.07523	0.06969	0.04125	0.04152	1.26E-03	5.94E-05	5.88E-05	3.06E-05	2.83E-05	6.02E-06	6.05E-06	1.4418E-03
607087.8	4200888.22	48164.20164	0.2649	0.25705	0.07566	0.06985	0.04096	0.0412	1.21E-03	6.65E-05	6.54E-05	3.08E-05	2.83E-05	5.98E-06	6.01E-06	1.4023E-03
607107.8	4200888.22	46192.0796	0.29804	0.28688	0.07591	0.06989	0.04065	0.04087	1.16E-03	7.49E-05	7.30E-05	3.09E-05	2.84E-05	5.94E-06	5.96E-06	1.3687E-03
607127.8	4200888.22	44361.21669	0.33707	0.32161	0.07597	0.06983	0.04033	0.04053	1.12E-03	8.47E-05	8.18E-05	3.09E-05	2.83E-05	5.89E-06	5.91E-06	1.3413E-03
607147.8	4200888.22	42658.77204	0.3831	0.36223	0.07584	0.06965	0.04001	0.04018	1.07E-03	9.62E-05	9.22E-05	3.09E-05	2.83E-05	5.84E-06	5.86E-06	1.3202E-03
607167.8	4200888.22	41068.73739	0.43871	0.41068	0.07569	0.06952	0.03967	0.03982	1.03E-03	1.10E-04	1.04E-04	3.08E-05	2.82E-05	5.79E-06	5.80E-06	1.3064E-03
607187.8	4200888.22	39579.78787	0.50735	0.4697	0.07567	0.06959	0.03932	0.03946	9.95E-04	1.27E-04	1.20E-04	3.08E-05	2.82E-05	5.74E-06	5.75E-06	1.3013E-03
607207.8	4200888.22	38187.00897	0.59291	0.54203	0.07572	0.06975	0.03897	0.03909	9.60E-04	1.49E-04	1.38E-04	3.08E-05	2.83E-05	5.69E-06	5.70E-06	1.3062E-03
607227.8	4200888.22	36878.31642	0.70387	0.63389	0.07606	0.07018	0.03861	0.03871	9.27E-04	1.77E-04	1.61E-04	3.10E-05	2.85E-05	5.64E-06	5.64E-06	1.3249E-03
606747.8	4200908.22	134603.2777	0.05892	0.06042	0.05886	0.0576	0.04597	0.04673	3.38E-03	1.48E-05	1.54E-05	2.40E-05	2.34E-05	6.71E-06	6.81E-06	3.4623E-03
606767.8	4200908.22	122942.0617	0.06256	0.06412	0.06025	0.05888	0.04595	0.04667	3.09E-03	1.57E-05	1.63E-05	2.45E-05	2.39E-05	6.71E-06	6.80E-06	3.1720E-03
606787.8	4200908.22	113012.0834	0.06692	0.06874	0.06234	0.06078	0.04592	0.0466	2.84E-03	1.68E-05	1.75E-05	2.54E-05	2.47E-05	6.71E-06	6.79E-06	2.9262E-03
606807.8	4200908.22	104125.49	0.07155	0.07344	0.06387	0.06206	0.04583	0.04647	2.62E-03	1.80E-05	1.87E-05	2.60E-05	2.52E-05	6.69E-06	6.77E-06	2.7063E-03
606827.8	4200908.22	96417.00644	0.07664	0.07859	0.06533	0.06328	0.04571	0.04632	2.42E-03	1.92E-05	2.00E-05	2.66E-05	2.57E-05	6.68E-06	6.75E-06	2.5161E-03
606847.8	4200908.22	89690.01611	0.08221	0.08423	0.06696	0.06466	0.04558	0.04615	2.26E-03	2.06E-05	2.14E-05	2.73E-05	2.62E-05	6.66E-06	6.73E-06	2.3510E-03
606867.8	4200908.22	83736.67259	0.08774	0.09048	0.06784	0.06552	0.04541	0.04595	2.11E-03	2.20E-05	2.30E-05	2.76E-05	2.66E-05	6.63E-06	6.70E-06	2.2050E-03
606887.8	4200908.22	78472.95344	0.09477	0.09678	0.06949	0.06694	0.04523	0.04572	1.97E-03	2.38E-05	2.46E-05	2.83E-05	2.72E-05	6.61E-06	6.66E-06	2.0772E-03
606987.8	4200908.22	59254.59468	0.14892	0.14994	0.07875	0.07441	0.044	0.04433	1.49E-03	3.74E-05	3.81E-05	3.21E-05	3.02E-05	6.43E-06	6.46E-06	1.6279E-03
607007.8	4200908.22	56415.86017	0.16468	0.1652	0.08051	0.07571	0.0437	0.04401	1.42E-03	4.14E-05	4.20E-05	3.28E-05	3.07E-05	6.38E-06	6.41E-06	1.5656E-03
607027.8	4200908.22	53814.73602	0.18295	0.18252	0.08213	0.07684	0.04339	0.04367	1.35E-03	4.59E-05	4.64E-05	3.35E-05	3.12E-05	6.34E-06	6.37E-06	1.5103E-03
607047.8	4200908.22	51420.21204	0.20424	0.20255	0.08362	0.07784	0.04306	0.04332	1.29E-03	5.13E-05	5.15E-05	3.41E-05	3.16E-05	6.29E-06	6.31E-06	1.4615E-03
607067.8	4200908.22	49212.83328	0.22896	0.22565	0.08489	0.07863	0.04273	0.04296	1.24E-03	5.75E-05	5.74E-05	3.46E-05	3.19E-05	6.24E-06	6.26E-06	1.4189E-03
607087.8	4200908.22	47172.60656	0.25791	0.25243	0.08591	0.0792	0.04238	0.04259	1.19E-03	6.48E-05	6.42E-05	3.50E-05	3.21E-05	6.19E-06	6.21E-06	1.3824E-03
607107.8	4200908.22	45280.91717	0.29206	0.28339	0.08668	0.07957	0.04202	0.04221	1.14E-03	7.33E-05	7.21E-05	3.53E-05	3.23E-05	6.14E-06	6.15E-06	1.3517E-03
607127.8	4200908.22	43520.50753	0.3327	0.31981	0.08718	0.07976	0.04165	0.04182	1.09E-03	8.36E-05	8.14E-05	3.55E-05	3.24E-05	6.08E-06	6.10E-06	1.3272E-03
607147.8	4200908.22	41878.9375	0.38148	0.36298	0.08743	0.07979	0.04128	0.04142	1.05E-03	9.58E-05	9.24E-05	3.56E-05	3.24E-05	6.03E-06	6.04E-06	1.3093E-03
607167.8	4200908.22	40346.7841	0.44044	0.41444	0.08742	0.07968	0.0409	0.04102	1.01E-03	1.11E-04	1.05E-04	3.56E-05	3.23E-05	5.97E-06	5.98E-06	1.2986E-03
607187.8	4200908.22	38909.9351	0.51382	0.47755	0.08741	0.07967	0.04051	0.04061	9.78E-04	1.29E-04	1.22E-04	3.56E-05	3.23E-05	5.92E-06	5.92E-06	1.2969E-03
607207.8	4200908.22	37561.53982	0.60707	0.55633	0.08749	0.07985	0.04011	0.04019	9.45E-04	1.52E-04	1.42E-04	3.56E-05	3.24E-05	5.86E-06	5.86E-06	1.3066E-03
607227.8	4200908.22	36295.75233	0.72831	0.65653	0.08768	0.08017	0.03971	0.03978	9.13E-04	1.83E-04	1.67E-04	3.57E-05	3.25E-05	5.80E-06	5.80E-06	1.3309E-03
606687.8	4200928.22	159227.1761	0.04639	0.04837	0.05691	0.05611	0.04858	0.04946	4.00E-03	1.17E-05	1.23E-05	2.32E-05	2.28E-05	7.09E-06	7.21E-06	4.0739E-03
606707.8	4200928.22	147056.2062	0.04942	0.05107	0.05904	0.05799	0.0486	0.04943	3.70E-03	1.24E-05	1.30E-05	2.40E-05	2.35E-05	7.10E-06	7.20E-06	3.7710E-03
606727.8	4200928.22	135261.3771	0.05227	0.05401	0.06034	0.05925	0.04856	0.04935	3.40E-03	1.31E-05	1.37E-05	2.46E-05	2.40E-05	7.09E-06	7.19E-06	3.4769E-03
606747.8	4200928.22	124610.1828	0.05537	0.0572	0.06217	0.06101	0.04851	0.04925	3.13E-03	1.39E-05	1.46E-05	2.53E-05	2.47E-05	7.08E-06	7.18E-06	3.2121E-03
606767.8	4200928.22	114924.0422	0.05884	0.06077	0.06382	0.06243	0.04841	0.04911	2.89E-03	1.48E-05	1.55E-05	2.60E-05	2.53E-05	7.07E-06	7.16E-06	2.9715E-03
606787.8	4200928.22	106385.1501	0.06247	0.0645	0.06546	0.06404	0.0483	0.04896	2.68E-03	1.57E-05	1.64E-05	2.67E-05	2.60E-05	7.05E-06	7.14E-06	2.7600E-03
606807.8	4200928.22	98727.22171	0.06664	0.06879	0.0672	0.06563	0.04815	0.04876	2.48E-03	1.67E-05	1.75E-05	2.74E-05	2.66E-05	7.03E-06	7.11E-06	2.5709E-03
606827.8	4200928.22	91891.34258	0.07146	0.07371	0.06907	0.06731	0.04796	0.04854	2.31E-03	1.79E-05	1.88E-05	2.81E-05	2.73E-05	7.00E-06	7.07E-06	2.4029E-03
606847.8	4200928.22	85847.44401	0.0767	0.07906	0.07097	0.06892	0.04775	0.04829	2.16E-03	1.93E-05	2.01E-05	2.89E-05	2.80E-05	6.97E-06	7.04E-06	2.2550E-03
606867.8	4200928.22	80447.12825	0.08202	0.08505	0.07266	0.07	0.04752	0.04802	2.02E-03	2.06E-05	2.16E-05	2.96E-05	2.84E-05	6.94E-06	7.00E-06	2.1232E-03
606967.8	4200928.22	60610.18407	0.12694	0.12938	0.08363	0.07977	0.04605	0.04639	1.52E-03	3.19E-05	3.29E-05	3.41E-05	3.24E-05	6.72E-06	6.76E-06	1.6554E-03
606987.8	4200928.22	57669.71504	0.14022	0.1425	0.0862	0.08185	0.04571	0.04601	1.45E-03	3.52E-05	3.63E-05	3.51E-05	3.32E-05	6.68E-06	6.71E-06	1.5900E-03
607007.8	4200928.22	54984.67402	0.15533	0.15736	0.08871	0.08378	0.04535	0.04563	1.38E-03	3.90E-05	4.00E-05	3.61E-05	3.40E-05	6.62E-06	6.65E-06	1.5319E-03
607027.8	4200928.22	52511.69683	0.17324	0.17461	0.09119	0.08565	0.04498	0.04523	1.32E-03	4.35E-05	4.44E-05	3.71E-05	3.47E-05	6.57E-06	6.59E-06	1.4803E-03
607047.8	4200928.22	50233.25552	0.19407	0.19455	0.09355	0.08735	0.0446	0.04482	1.26E-03	4.87E-05	4.95E-05	3.81E-05	3.54E-05	6.51E-06	6.53E-06	1.4350E-03
607067.8	4200928.22	48124.3867	0.21873	0.21794	0.09579	0.0889	0.04421	0.0444	1.21E-03	5.49E-05	5.54E-05	3.90E-05	3.61E-05	6.46E-06	6.47E-06	1.3956E-03
607087.8	4200928.22	46173.04044	0.2478	0.2452	0.09774	0.09016	0.04381	0.04398	1.16E-03	6.22E-05	6.24E-05	3.98E-05	3.66E-05	6.40E-06	6.41E-06	1.3621E-03
607107.8	4200928.22	44359.44539	0.28252	0.27706	0.09942	0.09118	0.04339	0.04354	1.12E-03	7.10E-05	7.05E-05	4.05E-05	3.70E-05	6.34E-06	6.35E-06	1.3344E-03
607127.8	4200928.22	42669.19879	0.32431	0.31487	0.10077	0.09191	0.04298	0.0431	1.07E-03	8.14E-05	8.01E-05	4.10E-05	3.73E-05	6.28E-06	6.28E-06	1.3129E-03
607147.8	4200928.22	41089.89119	0.37519	0.36022	0.10177	0.0924	0.04255	0.04266	1.03E-03	9.42E-05	9.16E-05	4.15E-05	3.75E-05	6.21E-06	6.22E-06	1.2981E-03
607167.8	4200928.22	39613.05854	0.4375	0.41485	0.10236	0.09262	0.04212	0.0422	9.96E-04	1.10E-04	1.06E-04	4.17E-05	3.76E-05	6.15E-06	6.15E-06	1.2908E-03
607187.8	4200928.22	38229.1611	0.51522	0.48181	0.10259	0.09264	0.04168	0.04175	9.61E-04	1.29E-04	1.23E-04	4.18E-05	3.76E-05	6.09E-06	6.09E-06	1.2927E-03
607207.8	4200928.22	36926.83376	0.61553	0.56661	0.10278	0.09282	0.04124	0.04129	9.29E-04	1.55E-04	1.44E-04	4.19E-05	3.77E-05	6.02E-06	6.02E-06	1.3069E-03
607227.8	4200928.22	35703.41322	0.74722	0.67535	0.1029	0.09304	0.04079	0.04083	8.98E-04	1.88E-04	1.72E-04	4.19E-05	3.77E-05	5.96E-06	5.95E-06	1.3370E-03
606667.8	4200948.22	151245.625	0.04148	0.04302	0.05802	0.05727	0.05146	0.05238	3.80E-03	1.04E-05	1.09E-05	2.36E-05	2.32E-05	7.51E-06	7.63E-06	3.8716E-03
606687.8	4200948.22	142119.5581	0.04373	0.04531	0.05946	0.05861	0.05142	0.05228	3.57E-03	1.10E-05	1.15E-05	2.42E-05	2.38E-05	7.51E-06	7.62E-06	3.6444E-03
606707.8	4200948.22	132933.3807	0.04608	0.04781	0.06128	0.06034	0.05135	0.05217	3.34E-03	1.16E-05	1.22E-05	2.50E-05	2.45E-05	7.50E-06	7.60E-06	3.4160E-03
606727.8	4200948.22	123981.0335	0.04856	0.05041	0.06296	0.06205	0.05126	0.05202	3.12E-03	1.22E-05	1.28E-05	2.56E-05	2.52E-05	7.49E-06	7.58E-06	3.1936E-03
606747.8	4200948.22	115422.9165	0.05134	0.05331	0.06472	0.0637	0.05113	0.05184	2.90E-03	1.29E-05	1.36E-05	2.64E-05	2.58E-05	7.47E-06	7.56E-06	2.9812E-03
606767.8	4200948.22	107434.859	0.0545	0.05659	0.06657	0.06544	0.05095	0.05162	2.70E-03	1.37E-05	1.44E-05	2.71E-05	2.65E-05	7.44E-06	7.52E-06	2.7834E-03
606787.8	4200948.22	100145.3696	0.05797	0.06019	0.06849	0.06723	0.05075	0.05138	2.52E-03	1.46E-05	1.53E-05	2.79E-05	2.73E-05	7.41E-06	7.49E-06	2.6034E-03
606807.8	4200948.22	93535.25375	0.0618	0.06416	0.07049	0.06909	0.05052	0.05111	2.35E-03	1.55E-05	1.63E-05	2.87E-05	2.80E-05	7.38E-06	7.45E-06	2.4407E-03
606827.8	4200948.22	87533.8536	0.06621	0.06871	0.07264	0.07107	0.05026	0.0508	2.20E-03	1.66E-05	1.75E-05	2.96E-05	2.88E-05	7.34E-06	7.40E-06	2.2937E-03
606927.8	4200948.22	65202.68078	0.09806	0.10117	0.08425	0.08145	0.04862	0.04898	1.64E-03	2.46E-05	2.57E-05	3.43E-05	3.30E-05	7.10E-06	7.14E-06	1.7574E-03
606947.8	4200948.22	61897.40284	0.10739	0.1106	0.08726	0.08408	0.04824	0.04857	1.56E-03	2.70E-05	2.81E-05	3.55E-05	3.41E-05	7.04E-06	7.08E-06	1.6813E-03
606967.8	4200948.22	58876.06964	0.11808	0.12146	0.09045	0.0868	0.04785	0.04814	1.48E-03	2.97E-05	3.09E-05	3.68E-05	3.52E-05	6.99E-06	7.02E-06	1.6132E-03
606987.8	4200948.22	56108.93689	0.13046	0.13388	0.09376	0.08957	0.04744	0.0477	1.41E-03	3.28E-05	3.41E-05	3.82E-05	3.63E-05	6.93E-06	6.95E-06	1.5523E-03
607007.8	4200948.22	53566.7996	0.14482	0.14827	0.09719	0.09235	0.04702	0.04725	1.35E-03	3.64E-05	3.77E-05	3.96E-05	3.75E-05	6.87E-06	6.89E-06	1.4982E-03
607027.8	4200948.22	51220.81566	0.16186	0.165	0.10069	0.09512	0.04658	0.04679	1.29E-03	4.07E-05	4.20E-05	4.10E-05	3.86E-05	6.80E-06	6.82E-06	1.4503E-03
607047.8	4200948.22	49051.20988	0.18196	0.18465	0.10421	0.09784	0.04614	0.04632	1.23E-03	4.57E-05	4.70E-05	4.24E-05	3.97E-05	6.74E-06	6.75E-06	1.4083E-03
607067.8	4200948.22	47041.46268	0.20581	0.2077	0.10768	0.10041	0.04569	0.04584	1.18E-03	5.17E-05	5.28E-05	4.39E-05	4.07E-05	6.67E-06	6.68E-06	1.3721E-03
607087.8	4200948.22	45175.6697	0.23438	0.23501	0.111	0.10275	0.04523	0.04536	1.14E-03	5.89E-05	5.98E-05	4.52E-05	4.17E-05	6.61E-06	6.61E-06	1.3416E-03
607107.8	4200948.22	43438.1357	0.26897	0.26733	0.11413	0.10486	0.04476	0.04487	1.09E-03	6.76E-05	6.80E-05	4.65E-05	4.25E-05	6.54E-06	6.54E-06	1.3169E-03
607127.8	4200948.22	41814.59033	0.31133	0.30628	0.11699	0.10669	0.04429	0.04438	1.05E-03	7.82E-05	7.79E-05	4.77E-05	4.33E-05	6.47E-06	6.47E-06	1.2985E-03
607147.8	4200948.22	40299.981	0.36295	0.35286	0.11928	0.10799	0.04381	0.04388	1.01E-03	9.12E-05	8.98E-05	4.86E-05	4.38E-05	6.40E-06	6.40E-06	1.2867E-03
607167.8	4200948.22	38876.51595	0.42803	0.41048	0.1212	0.10906	0.04333	0.04338	9.78E-04	1.07E-04	1.04E-04	4.94E-05	4.42E-05	6.33E-06	6.32E-06	1.2832E-03
607187.8	4200948.22	37541.88456	0.51022	0.48166	0.12246	0.10966	0.04284	0.04287	9.44E-04	1.28E-04	1.23E-04	4.99E-05	4.45E-05	6.26E-06	6.25E-06	1.2891E-03
607207.8	4200948.22	36287.12956	0.61665	0.57174	0.12315	0.10997	0.04235	0.04236	9.13E-04	1.55E-04	1.45E-04	5.02E-05	4.46E-05	6.18E-06	6.17E-06	1.3076E-03
607227.8	4200948.22	35105.92126	0.75859	0.68877	0.12343	0.11016	0.04186	0.04186	8.83E-04	1.91E-04	1.75E-04	5.03E-05	4.47E-05	6.11E-06	6.10E-06	1.3435E-03
606547.8	4200968.22	156804.578	0.02991	0.03085	0.05035	0.0501	0.05428	0.05553	3.94E-03	7.51E-06	7.85E-06	2.05E-05	2.03E-05	7.93E-06	8.09E-06	3.9993E-03
606567.8	4200968.22	155101.7297	0.03113	0.03214	0.05163	0.05136	0.05443	0.05562	3.90E-03	7.82E-06	8.18E-06	2.10E-05	2.08E-05	7.95E-06	8.11E-06	3.9582E-03
606587.8	4200968.22	152778.972	0.03253	0.03359	0.05298	0.05268	0.05453	0.05565	3.84E-03	8.17E-06	8.55E-06	2.16E-05	2.14E-05	7.96E-06	8.11E-06	3.9016E-03
606607.8	4200968.22	149858.7241	0.03386	0.03499	0.05441	0.05408	0.05458	0.05565	3.77E-03	8.50E-06	8.90E-06	2.22E-05	2.19E-05	7.97E-06	8.11E-06	3.8300E-03
606627.8	4200968.22	145699.6861	0.0356	0.03686	0.05591	0.05553	0.05457	0.05558	3.66E-03	8.94E-06	9.38E-06	2.28E-05	2.25E-05	7.97E-06	8.10E-06	3.7275E-03
606647.8	4200968.22	140672.2008	0.03714	0.03842	0.05748	0.05706	0.05454	0.05549	3.54E-03	9.33E-06	9.77E-06	2.34E-05	2.31E-05	7.96E-06	8.09E-06	3.6031E-03
606667.8	4200968.22	134921.4978	0.03864	0.0402	0.05982	0.05912	0.05449	0.05538	3.39E-03	9.70E-06	1.02E-05	2.44E-05	2.40E-05	7.96E-06	8.07E-06	3.4611E-03
606687.8	4200968.22	128285.7739	0.04048	0.04215	0.06153	0.06093	0.05439	0.05523	3.23E-03	1.02E-05	1.07E-05	2.51E-05	2.47E-05	7.94E-06	8.05E-06	3.2966E-03
606707.8	4200968.22	121197.0313	0.04258	0.04437	0.06332	0.06265	0.05423	0.05502	3.05E-03	1.07E-05	1.13E-05	2.58E-05	2.54E-05	7.92E-06	8.02E-06	3.1209E-03
606727.8	4200968.22	114082.1298	0.04485	0.04676	0.06518	0.06442	0.05405	0.05478	2.87E-03	1.13E-05	1.19E-05	2.65E-05	2.61E-05	7.89E-06	7.98E-06	2.9446E-03
606747.8	4200968.22	107100.0885	0.04746	0.0495	0.06715	0.0663	0.05382	0.0545	2.69E-03	1.19E-05	1.26E-05	2.74E-05	2.69E-05	7.86E-06	7.94E-06	2.7720E-03
606767.8	4200968.22	100484.7513	0.05033	0.05251	0.06922	0.06826	0.05356	0.05419	2.53E-03	1.26E-05	1.34E-05	2.82E-05	2.77E-05	7.82E-06	7.90E-06	2.6088E-03
606787.8	4200968.22	94304.8691	0.05353	0.05586	0.0714	0.07032	0.05327	0.05386	2.37E-03	1.34E-05	1.42E-05	2.91E-05	2.85E-05	7.78E-06	7.85E-06	2.4567E-03
606907.8	4200968.22	66446.89112	0.08304	0.08624	0.08637	0.08421	0.05101	0.05136	1.67E-03	2.09E-05	2.19E-05	3.52E-05	3.42E-05	7.45E-06	7.49E-06	1.7831E-03
606927.8	4200968.22	63090.16359	0.09047	0.09403	0.0897	0.08723	0.05057	0.05088	1.59E-03	2.27E-05	2.39E-05	3.65E-05	3.54E-05	7.38E-06	7.42E-06	1.7051E-03
606947.8	4200968.22	60012.05148	0.09896	0.10277	0.0933	0.09045	0.05012	0.0504	1.51E-03	2.49E-05	2.61E-05	3.80E-05	3.67E-05	7.32E-06	7.35E-06	1.6348E-03
606967.8	4200968.22	57183.9504	0.10873	0.11283	0.09716	0.09386	0.04965	0.0499	1.44E-03	2.73E-05	2.87E-05	3.96E-05	3.81E-05	7.25E-06	7.27E-06	1.5717E-03
606987.8	4200968.22	54579.41729	0.12011	0.12447	0.10129	0.09744	0.04917	0.04939	1.37E-03	3.02E-05	3.17E-05	4.13E-05	3.95E-05	7.18E-06	7.20E-06	1.5151E-03
607007.8	4200968.22	52175.91652	0.13345	0.13807	0.1057	0.1012	0.04868	0.04887	1.31E-03	3.35E-05	3.51E-05	4.31E-05	4.11E-05	7.11E-06	7.12E-06	1.4648E-03
607027.8	4200968.22	49950.95589	0.14928	0.15399	0.11034	0.10504	0.04819	0.04835	1.26E-03	3.75E-05	3.92E-05	4.49E-05	4.26E-05	7.04E-06	7.05E-06	1.4203E-03
607047.8	4200968.22	47887.5075	0.1681	0.1728	0.1152	0.10899	0.04768	0.04781	1.20E-03	4.22E-05	4.40E-05	4.69E-05	4.42E-05	6.96E-06	6.97E-06	1.3815E-03
607067.8	4200968.22	45972.64482	0.19055	0.19503	0.12019	0.11292	0.04716	0.04728	1.16E-03	4.79E-05	4.96E-05	4.90E-05	4.58E-05	6.89E-06	6.89E-06	1.3483E-03
607087.8	4200968.22	44189.25607	0.21783	0.22175	0.1253	0.11678	0.04664	0.04673	1.11E-03	5.47E-05	5.64E-05	5.10E-05	4.74E-05	6.81E-06	6.81E-06	1.3207E-03
607107.8	4200968.22	42525.16328	0.25128	0.25382	0.13045	0.12054	0.04612	0.04619	1.07E-03	6.31E-05	6.46E-05	5.31E-05	4.89E-05	6.74E-06	6.73E-06	1.2991E-03
607127.8	4200968.22	40969.06118	0.29269	0.29283	0.1355	0.12405	0.04559	0.04564	1.03E-03	7.35E-05	7.45E-05	5.52E-05	5.03E-05	6.66E-06	6.65E-06	1.2838E-03
607147.8	4200968.22	39512.04042	0.34443	0.34056	0.14025	0.12715	0.04506	0.04508	9.94E-04	8.65E-05	8.66E-05	5.71E-05	5.16E-05	6.58E-06	6.57E-06	1.2755E-03

607167.8	4200968.22	38144.26164	0.41015	0.39981	0.14448	0.12973	0.04452	0.04453	9.59E-04	1.03E-04	1.02E-04	5.88E-05	5.26E-05	6.50E-06	6.49E-06	1.2754E-03
607187.8	4200968.22	36857.35838	0.49534	0.47458	0.14805	0.13177	0.04398	0.04398	9.27E-04	1.24E-04	1.21E-04	6.03E-05	5.35E-05	6.42E-06	6.41E-06	1.2857E-03
607207.8	4200968.22	35645.63882	0.60802	0.57062	0.15069	0.13322	0.04344	0.04342	8.96E-04	1.53E-04	1.45E-04	6.14E-05	5.40E-05	6.34E-06	6.33E-06	1.3097E-03
607227.8	4200968.22	34508.0841	0.75815	0.6946	0.1518	0.1336	0.04291	0.04287	8.68E-04	1.90E-04	1.77E-04	6.18E-05	5.42E-05	6.27E-06	6.25E-06	1.3509E-03
606527.8	4200988.22	143511.1206	0.0266	0.02752	0.05041	0.05014	0.05794	0.05926	3.61E-03	6.68E-06	7.00E-06	2.05E-05	2.03E-05	8.46E-06	8.64E-06	3.6634E-03
606547.8	4200988.22	141346.4949	0.02764	0.02864	0.05181	0.05139	0.05805	0.0593	3.55E-03	6.94E-06	7.29E-06	2.11E-05	2.08E-05	8.48E-06	8.64E-06	3.6106E-03
606567.8	4200988.22	139214.583	0.02894	0.02986	0.05285	0.0527	0.05809	0.05927	3.50E-03	7.27E-06	7.60E-06	2.15E-05	2.14E-05	8.48E-06	8.64E-06	3.5586E-03
606587.8	4200988.22	136823.9287	0.03022	0.03122	0.05426	0.05409	0.05809	0.0592	3.44E-03	7.59E-06	7.94E-06	2.21E-05	2.19E-05	8.48E-06	8.63E-06	3.5003E-03
606607.8	4200988.22	134004.0893	0.03161	0.03268	0.05576	0.05553	0.05804	0.05908	3.37E-03	7.94E-06	8.31E-06	2.27E-05	2.25E-05	8.48E-06	8.61E-06	3.4313E-03
606627.8	4200988.22	130705.6326	0.03287	0.03398	0.05735	0.05711	0.05795	0.05893	3.29E-03	8.26E-06	8.65E-06	2.34E-05	2.32E-05	8.46E-06	8.59E-06	3.3503E-03
606647.8	4200988.22	126620.048	0.0342	0.03565	0.05947	0.05875	0.05781	0.05873	3.18E-03	8.59E-06	9.07E-06	2.42E-05	2.38E-05	8.44E-06	8.56E-06	3.2498E-03
606667.8	4200988.22	121890.9854	0.03587	0.03739	0.06149	0.06112	0.05764	0.05851	3.07E-03	9.01E-06	9.51E-06	2.50E-05	2.48E-05	8.42E-06	8.53E-06	3.1335E-03
606687.8	4200988.22	116693.5172	0.03748	0.03911	0.0633	0.06287	0.05745	0.05825	2.93E-03	9.41E-06	9.95E-06	2.58E-05	2.55E-05	8.39E-06	8.49E-06	3.0051E-03
606707.8	4200988.22	111113.701	0.0393	0.04106	0.06522	0.06472	0.0572	0.05795	2.79E-03	9.87E-06	1.04E-05	2.66E-05	2.63E-05	8.35E-06	8.45E-06	2.8673E-03
606727.8	4200988.22	105376.3594	0.04135	0.04324	0.06724	0.06667	0.05691	0.05761	2.65E-03	1.04E-05	1.10E-05	2.74E-05	2.70E-05	8.31E-06	8.40E-06	2.7257E-03
606747.8	4200988.22	99645.72391	0.04374	0.04577	0.06942	0.06876	0.05658	0.05722	2.51E-03	1.10E-05	1.16E-05	2.83E-05	2.79E-05	8.26E-06	8.34E-06	2.5846E-03
606867.8	4200988.22	71138.23537	0.06455	0.06738	0.08434	0.08301	0.05405	0.05442	1.79E-03	1.62E-05	1.71E-05	3.44E-05	3.37E-05	7.89E-06	7.93E-06	1.8903E-03
606887.8	4200988.22	67495.34817	0.07006	0.07319	0.08759	0.08606	0.05356	0.05389	1.70E-03	1.76E-05	1.86E-05	3.57E-05	3.49E-05	7.82E-06	7.85E-06	1.8041E-03
606907.8	4200988.22	64138.56937	0.07615	0.07957	0.09108	0.08929	0.05305	0.05335	1.61E-03	1.91E-05	2.02E-05	3.71E-05	3.62E-05	7.75E-06	7.78E-06	1.7256E-03
606927.8	4200988.22	61040.22714	0.08284	0.08667	0.09491	0.09285	0.05253	0.0528	1.53E-03	2.08E-05	2.21E-05	3.87E-05	3.77E-05	7.67E-06	7.70E-06	1.6541E-03
606947.8	4200988.22	58179.29787	0.09048	0.09466	0.09909	0.09669	0.052	0.05223	1.46E-03	2.27E-05	2.41E-05	4.04E-05	3.92E-05	7.59E-06	7.61E-06	1.5894E-03
606967.8	4200988.22	55534.80035	0.09927	0.10386	0.10363	0.10083	0.05146	0.05166	1.40E-03	2.49E-05	2.64E-05	4.22E-05	4.09E-05	7.51E-06	7.53E-06	1.5310E-03
606987.8	4200988.22	53087.17525	0.10953	0.11454	0.10857	0.10526	0.05091	0.05108	1.33E-03	2.75E-05	2.91E-05	4.42E-05	4.27E-05	7.43E-06	7.45E-06	1.4785E-03
607007.8	4200988.22	50818.68995	0.12156	0.12707	0.11397	0.11003	0.05035	0.05049	1.28E-03	3.05E-05	3.23E-05	4.64E-05	4.46E-05	7.35E-06	7.36E-06	1.4318E-03
607027.8	4200988.22	48708.31983	0.13599	0.14191	0.11986	0.11514	0.04978	0.04989	1.22E-03	3.42E-05	3.61E-05	4.88E-05	4.67E-05	7.27E-06	7.27E-06	1.3906E-03
607047.8	4200988.22	46749.16076	0.15301	0.15935	0.1261	0.12044	0.04921	0.04929	1.18E-03	3.84E-05	4.05E-05	5.14E-05	4.89E-05	7.19E-06	7.18E-06	1.3548E-03
607067.8	4200988.22	44923.85493	0.17356	0.18024	0.13281	0.12602	0.04863	0.04869	1.13E-03	4.36E-05	4.59E-05	5.41E-05	5.11E-05	7.10E-06	7.10E-06	1.3244E-03
607087.8	4200988.22	43220.09595	0.19874	0.20563	0.14001	0.13181	0.04805	0.04809	1.09E-03	4.99E-05	5.23E-05	5.70E-05	5.35E-05	7.02E-06	7.01E-06	1.2996E-03
607107.8	4200988.22	41626.80261	0.22993	0.2365	0.14767	0.13779	0.04746	0.04748	1.05E-03	5.77E-05	6.02E-05	6.01E-05	5.59E-05	6.93E-06	6.92E-06	1.2807E-03
607127.8	4200988.22	40134.21307	0.26906	0.27459	0.15572	0.14383	0.04687	0.04688	1.01E-03	6.76E-05	6.99E-05	6.34E-05	5.83E-05	6.84E-06	6.83E-06	1.2685E-03
607147.8	4200988.22	38733.74541	0.31888	0.32211	0.16403	0.14975	0.04628	0.04627	9.74E-04	8.01E-05	8.20E-05	6.68E-05	6.07E-05	6.76E-06	6.74E-06	1.2636E-03
607167.8	4200988.22	37417.49499	0.38342	0.38214	0.17231	0.15534	0.04569	0.04566	9.41E-04	9.63E-05	9.72E-05	7.02E-05	6.30E-05	6.67E-06	6.66E-06	1.2676E-03
607187.8	4200988.22	36178.32429	0.4687	0.45905	0.18019	0.16033	0.04511	0.04506	9.10E-04	1.18E-04	1.17E-04	7.34E-05	6.50E-05	6.59E-06	6.57E-06	1.2827E-03
607207.8	4200988.22	35011.22451	0.58356	0.55906	0.18702	0.16431	0.04452	0.04445	8.80E-04	1.47E-04	1.42E-04	7.62E-05	6.67E-05	6.50E-06	6.48E-06	1.3120E-03
606527.8	4201008.22	130767.3364	0.02482	0.02572	0.05169	0.05167	0.06202	0.06334	3.29E-03	6.23E-06	6.54E-06	2.11E-05	2.10E-05	9.06E-06	9.23E-06	3.3432E-03
606547.8	4201008.22	128578.4635	0.02578	0.02674	0.05305	0.05301	0.06202	0.06325	3.23E-03	6.47E-06	6.80E-06	2.16E-05	2.15E-05	9.06E-06	9.22E-06	3.2897E-03
606567.8	4201008.22	126372.0958	0.02688	0.0279	0.0545	0.05444	0.06194	0.0631	3.18E-03	6.75E-06	7.10E-06	2.22E-05	2.21E-05	9.05E-06	9.20E-06	3.2360E-03
606587.8	4201008.22	124074.1944	0.02801	0.0291	0.05603	0.05587	0.06182	0.06291	3.12E-03	7.03E-06	7.40E-06	2.28E-05	2.27E-05	9.03E-06	9.17E-06	3.1800E-03
606607.8	4201008.22	121484.4247	0.02923	0.03039	0.05759	0.05733	0.06165	0.06267	3.05E-03	7.34E-06	7.73E-06	2.35E-05	2.33E-05	9.00E-06	9.13E-06	3.1167E-03
606627.8	4201008.22	118600.8672	0.03046	0.0317	0.05932	0.05919	0.06145	0.0624	2.98E-03	7.65E-06	8.07E-06	2.42E-05	2.40E-05	8.97E-06	9.10E-06	3.0463E-03
606647.8	4201008.22	115214.0806	0.03174	0.03308	0.06108	0.06091	0.06121	0.06209	2.90E-03	7.97E-06	8.42E-06	2.49E-05	2.47E-05	8.94E-06	9.05E-06	2.9632E-03
606667.8	4201008.22	111272.1673	0.03319	0.03462	0.06295	0.06274	0.06092	0.06173	2.80E-03	8.34E-06	8.81E-06	2.56E-05	2.55E-05	8.90E-06	9.00E-06	2.8664E-03
606687.8	4201008.22	107035.0735	0.03463	0.03617	0.06487	0.06462	0.0606	0.06136	2.69E-03	8.70E-06	9.20E-06	2.64E-05	2.62E-05	8.85E-06	8.94E-06	2.7621E-03
606827.8	4201008.22	75577.91484	0.05142	0.05409	0.08241	0.08162	0.0574	0.0578	1.90E-03	1.29E-05	1.38E-05	3.36E-05	3.31E-05	8.38E-06	8.42E-06	1.9939E-03
606847.8	4201008.22	71799.7068	0.05504	0.05794	0.08561	0.08453	0.05685	0.05721	1.81E-03	1.38E-05	1.47E-05	3.49E-05	3.43E-05	8.30E-06	8.34E-06	1.9033E-03
606867.8	4201008.22	68259.25552	0.05931	0.06201	0.08794	0.08697	0.05628	0.0566	1.72E-03	1.49E-05	1.58E-05	3.58E-05	3.53E-05	8.22E-06	8.25E-06	1.8183E-03
606887.8	4201008.22	64964.96612	0.06411	0.06726	0.09157	0.09044	0.0557	0.05598	1.63E-03	1.61E-05	1.71E-05	3.73E-05	3.67E-05	8.13E-06	8.16E-06	1.7409E-03
606907.8	4201008.22	61899.52834	0.06953	0.07299	0.09548	0.09413	0.0551	0.05535	1.56E-03	1.75E-05	1.86E-05	3.89E-05	3.82E-05	8.05E-06	8.07E-06	1.6697E-03
606927.8	4201008.22	59047.76261	0.07547	0.07938	0.09979	0.09821	0.0545	0.05471	1.48E-03	1.90E-05	2.02E-05	4.06E-05	3.98E-05	7.96E-06	7.97E-06	1.6045E-03
606947.8	4201008.22	56395.91196	0.08224	0.08656	0.10451	0.10267	0.05389	0.05406	1.42E-03	2.07E-05	2.20E-05	4.26E-05	4.16E-05	7.87E-06	7.88E-06	1.5451E-03
606967.8	4201008.22	53929.08534	0.09001	0.09483	0.10971	0.10752	0.05327	0.05341	1.36E-03	2.26E-05	2.41E-05	4.47E-05	4.36E-05	7.78E-06	7.78E-06	1.4912E-03
606987.8	4201008.22	51633.37963	0.09908	0.10443	0.11543	0.11282	0.05264	0.05275	1.30E-03	2.49E-05	2.66E-05	4.70E-05	4.58E-05	7.69E-06	7.69E-06	1.4426E-03
607007.8	4201008.22	49495.40091	0.1097	0.11571	0.12178	0.11862	0.05201	0.05209	1.24E-03	2.76E-05	2.94E-05	4.96E-05	4.81E-05	7.60E-06	7.59E-06	1.3994E-03
607027.8	4201008.22	47498.5268	0.12244	0.1291	0.12883	0.12497	0.05136	0.05142	1.19E-03	3.08E-05	3.28E-05	5.25E-05	5.07E-05	7.50E-06	7.49E-06	1.3612E-03
607047.8	4201008.22	45637.91228	0.1375	0.14491	0.1365	0.13178	0.05072	0.05076	1.15E-03	3.45E-05	3.69E-05	5.56E-05	5.35E-05	7.41E-06	7.40E-06	1.3281E-03
607067.8	4201008.22	43899.0964	0.15571	0.16395	0.14498	0.13918	0.05007	0.05009	1.10E-03	3.91E-05	4.17E-05	5.91E-05	5.65E-05	7.31E-06	7.30E-06	1.3002E-03
607087.8	4201008.22	42271.91509	0.17811	0.18724	0.15438	0.14718	0.04943	0.04942	1.06E-03	4.47E-05	4.76E-05	6.29E-05	5.97E-05	7.22E-06	7.20E-06	1.2780E-03
607107.8	4201008.22	40746.80978	0.20605	0.21588	0.16481	0.15585	0.04878	0.04876	1.02E-03	5.17E-05	5.49E-05	6.71E-05	6.32E-05	7.12E-06	7.11E-06	1.2617E-03
607127.8	4201008.22	39315.14327	0.24143	0.25171	0.17637	0.16515	0.04813	0.04809	9.89E-04	6.06E-05	6.40E-05	7.18E-05	6.70E-05	7.03E-06	7.01E-06	1.2522E-03
607147.8	4201008.22	37969.55445	0.28712	0.29719	0.18915	0.17502	0.04749	0.04743	9.55E-04	7.21E-05	7.56E-05	7.70E-05	7.10E-05	6.94E-06	6.91E-06	1.2506E-03
607167.8	4201008.22	36702.77409	0.34743	0.35588	0.2031	0.1853	0.04684	0.04677	9.23E-04	8.73E-05	9.05E-05	8.27E-05	7.52E-05	6.84E-06	6.82E-06	1.2586E-03
607187.8	4201008.22	35508.50925	0.42902	0.4329	0.21804	0.1957	0.0462	0.04611	8.93E-04	1.08E-04	1.10E-04	8.88E-05	7.94E-05	6.75E-06	6.72E-06	1.2790E-03
607207.8	4201008.22	34383.65319	0.54124	0.53497	0.2331	0.20543	0.04557	0.04546	8.65E-04	1.36E-04	1.36E-04	9.49E-05	8.33E-05	6.65E-06	6.63E-06	1.3150E-03
606787.8	4201028.22	79269.60194	0.04154	0.04362	0.07875	0.07845	0.06111	0.06153	1.99E-03	1.04E-05	1.11E-05	3.21E-05	3.18E-05	8.92E-06	8.97E-06	2.0788E-03
606807.8	4201028.22	75564.9609	0.04413	0.0464	0.08179	0.08142	0.06048	0.06087	1.90E-03	1.11E-05	1.18E-05	3.33E-05	3.30E-05	8.83E-06	8.87E-06	1.9894E-03
606827.8	4201028.22	72022.38326	0.04706	0.04954	0.08506	0.08462	0.05984	0.06018	1.81E-03	1.18E-05	1.26E-05	3.46E-05	3.43E-05	8.74E-06	8.77E-06	1.9045E-03
606847.8	4201028.22	68671.21916	0.05027	0.05298	0.08855	0.08784	0.05919	0.05948	1.73E-03	1.26E-05	1.35E-05	3.61E-05	3.56E-05	8.64E-06	8.67E-06	1.8247E-03
606867.8	4201028.22	65501.60659	0.05422	0.05681	0.09117	0.0906	0.05852	0.05877	1.65E-03	1.36E-05	1.45E-05	3.71E-05	3.68E-05	8.55E-06	8.57E-06	1.7491E-03
606887.8	4201028.22	62523.64759	0.05857	0.06157	0.09517	0.09448	0.05784	0.05806	1.57E-03	1.47E-05	1.57E-05	3.88E-05	3.83E-05	8.45E-06	8.46E-06	1.6797E-03
606907.8	4201028.22	59730.69833	0.06336	0.06667	0.09948	0.09862	0.05716	0.05734	1.50E-03	1.59E-05	1.70E-05	4.05E-05	4.00E-05	8.35E-06	8.36E-06	1.6154E-03
606927.8	4201028.22	57111.98146	0.06858	0.07235	0.10423	0.10321	0.05647	0.05661	1.44E-03	1.72E-05	1.84E-05	4.25E-05	4.19E-05	8.25E-06	8.25E-06	1.5561E-03
606947.8	4201028.22	54659.4974	0.0745	0.0787	0.10946	0.10824	0.05577	0.05588	1.37E-03	1.87E-05	2.00E-05	4.46E-05	4.39E-05	8.14E-06	8.14E-06	1.5017E-03
606967.8	4201028.22	52363.93005	0.08127	0.08601	0.11525	0.11377	0.05506	0.05515	1.32E-03	2.04E-05	2.19E-05	4.69E-05	4.62E-05	8.04E-06	8.04E-06	1.4522E-03
606987.8	4201028.22	50215.07479	0.08917	0.09449	0.12169	0.1199	0.05435	0.05441	1.26E-03	2.24E-05	2.40E-05	4.96E-05	4.86E-05	7.94E-06	7.93E-06	1.4074E-03
607007.8	4201028.22	48205.74598	0.0983	0.10438	0.12886	0.12664	0.05365	0.05368	1.21E-03	2.47E-05	2.66E-05	5.25E-05	5.14E-05	7.83E-06	7.82E-06	1.3673E-03
607027.8	4201028.22	46321.26062	0.10926	0.1161	0.13693	0.13417	0.05293	0.05294	1.16E-03	2.74E-05	2.95E-05	5.58E-05	5.44E-05	7.73E-06	7.72E-06	1.3320E-03
607047.8	4201028.22	44556.10258	0.12223	0.13001	0.14594	0.1425	0.05222	0.0522	1.12E-03	3.07E-05	3.31E-05	5.94E-05	5.78E-05	7.63E-06	7.61E-06	1.3015E-03
607067.8	4201028.22	42900.17303	0.13795	0.14688	0.15612	0.15178	0.0515	0.05146	1.08E-03	3.46E-05	3.74E-05	6.36E-05	6.16E-05	7.52E-06	7.50E-06	1.2760E-03
607087.8	4201028.22	41347.32875	0.15717	0.16748	0.16761	0.16209	0.05079	0.05073	1.04E-03	3.95E-05	4.26E-05	6.83E-05	6.58E-05	7.42E-06	7.39E-06	1.2559E-03
607107.8	4201028.22	39888.01189	0.18119	0.19296	0.18075	0.17365	0.05008	0.05	1.00E-03	4.55E-05	4.91E-05	7.36E-05	7.04E-05	7.31E-06	7.29E-06	1.2417E-03
607127.8	4201028.22	38515.16041	0.21169	0.22513	0.19587	0.18665	0.04937	0.04928	9.69E-04	5.32E-05	5.73E-05	7.98E-05	7.57E-05	7.21E-06	7.18E-06	1.2345E-03
607147.8	4201028.22	37221.95761	0.25144	0.2666	0.21345	0.20132	0.04866	0.04855	9.36E-04	6.31E-05	6.78E-05	8.69E-05	8.17E-05	7.11E-06	7.08E-06	1.2356E-03
607167.8	4201028.22	36003.58545	0.3042	0.32085	0.23387	0.2177	0.04796	0.04784	9.05E-04	7.64E-05	8.16E-05	9.53E-05	8.83E-05	7.00E-06	6.97E-06	1.2470E-03
607187.8	4201028.22	34853.95161	0.3765	0.39358	0.2577	0.2359	0.04727	0.04713	8.76E-04	9.46E-05	1.00E-04	1.05E-04	9.57E-05	6.90E-06	6.87E-06	1.2718E-03
606727.8	4201048.22	85195.7631	0.03259	0.03403	0.07215	0.07224	0.06589	0.0664	2.14E-03	8.18E-06	8.66E-06	2.94E-05	2.93E-05	9.62E-06	9.68E-06	2.2179E-03
606747.8	4201048.22	81784.26146	0.03428	0.03584	0.07478	0.07484	0.06521	0.06567	2.06E-03	8.61E-06	9.12E-06	3.05E-05	3.04E-05	9.52E-06	9.57E-06	2.1352E-03
606767.8	4201048.22	78374.67463	0.03621	0.03791	0.07763	0.07765	0.0645	0.06491	1.97E-03	9.09E-06	9.65E-06	3.16E-05	3.15E-05	9.42E-06	9.46E-06	2.0527E-03
606787.8	4201048.22	75045.44066	0.03825	0.0401	0.08062	0.08061	0.06378	0.06414	1.89E-03	9.61E-06	1.02E-05	3.28E-05	3.27E-05	9.31E-06	9.35E-06	1.9725E-03
606807.8	4201048.22	71802.1142	0.04059	0.0426	0.08386	0.08382	0.06304	0.06335	1.81E-03	1.02E-05	1.08E-05	3.42E-05	3.40E-05	9.21E-06	9.23E-06	1.8948E-03
606827.8	4201048.22	68685.31296	0.04314	0.04534	0.08733	0.08725	0.06229	0.06256	1.73E-03	1.08E-05	1.15E-05	3.56E-05	3.54E-05	9.10E-06	9.12E-06	1.8205E-03
606847.8	4201048.22	65698.03802	0.04605	0.04846	0.09104	0.09061	0.06153	0.06175	1.65E-03	1.16E-05	1.23E-05	3.71E-05	3.68E-05	8.99E-06	9.00E-06	1.7498E-03
606867.8	4201048.22	62862.98743	0.04972	0.05201	0.09403	0.09386	0.06076	0.06094	1.58E-03	1.25E-05	1.32E-05	3.83E-05	3.81E-05	8.87E-06	8.88E-06	1.6829E-03
606887.8	4201048.22	60172.06711	0.05359	0.0563	0.09835	0.09812	0.05998	0.06013	1.51E-03	1.35E-05	1.43E-05	4.01E-05	3.98E-05	8.76E-06	8.76E-06	1.6208E-03
606907.8	4201048.22	57633.23696	0.05766	0.06074	0.10302	0.10268	0.0592	0.05932	1.45E-03	1.45E-05	1.55E-05	4.20E-05	4.17E-05	8.65E-06	8.65E-06	1.5628E-03
606927.8	4201048.22	55232.51532	0.06228	0.06574	0.10815	0.10771	0.05842	0.0585	1.39E-03	1.56E-05	1.67E-05	4.41E-05	4.37E-05	8.53E-06	8.53E-06	1.5090E-03
606947.8	4201048.22	52969.69116	0.06745	0.0713	0.11383	0.11327	0.05763	0.05768	1.33E-03	1.69E-05	1.81E-05	4.64E-05	4.59E-05	8.42E-06	8.41E-06	1.4594E-03
606967.8	4201048.22	50841.0318	0.07325	0.07758	0.12009	0.11939	0.05684	0.05687	1.28E-03	1.84E-05	1.97E-05	4.89E-05	4.84E-05	8.30E-06	8.29E-06	1.4140E-03
606987.8	4201048.22	48834.81209	0.07999	0.08495	0.12712	0.12623	0.05605	0.05605	1.23E-03	2.01E-05	2.16E-05	5.18E-05	5.12E-05	8.19E-06	8.17E-06	1.3727E-03
607007.8	4201048.22	46947.92051	0.08785	0.09355	0.13503	0.13389	0.05526	0.05523	1.18E-03	2.21E-05	2.38E-05	5.50E-05	5.43E-05	8.07E-06	8.05E-06	1.3358E-03
607027.8	4201048.22	45170.90194	0.09716	0.10362	0.14402	0.14252	0.05447	0.05442	1.14E-03	2.44E-05	2.64E-05	5.87E-05	5.78E-05	7.95E-06	7.93E-06	1.3031E-03
607047.8	4201048.22	43499.4814	0.10813	0.11558	0.15418	0.15224	0.05368	0.05361	1.09E-03	2.72E-05	2.94E-05	6.28E-05	6.18E-05	7.84E-06	7.81E-06	1.2750E-03
607067.8	4201048.22	41927.03183	0.12127	0.12996	0.16575	0.16322	0.0529	0.05281	1.05E-03	3.05E-05	3.31E-05	6.75E-05	6.62E-05	7.73E-06	7.70E-06	1.2516E-03
607087.8	4201048.22	40445.96869	0.13734	0.14756	0.17907	0.17575	0.05212	0.05201	1.02E-03	3.45E-05	3.75E-05	7.29E-05	7.13E-05	7.61E-06	7.58E-06	1.2334E-03
607107.8	4201048.22	39051.00642	0.15725	0.16931	0.19455	0.19011	0.05134	0.05122	9.82E-04	3.95E-05	4.31E-05	7.92E-05	7.71E-05	7.50E-06	7.47E-06	1.2209E-03
607127.8	4201048.22	37735.43137	0.18242	0.1968	0.2128	0.2068	0.05057	0.05043	9.49E-04	4.58E-05	5.01E-05	8.67E-05	8.39E-05	7.38E-06	7.35E-06	1.2154E-03
607147.8	4201048.22	36493.64103	0.21508	0.23233	0.23461	0.22635	0.04981	0.04965	9.18E-04	5.40E-05	5.91E-05	9.56E-05	9.18E-05	7.27E-06	7.24E-06	1.2182E-03
607167.8	4201048.22	35319.1814	0.25891	0.27978	0.26126	0.24964	0.04905	0.04888	8.88E-04	6.50E-05	7.12E-05	1.06E-04	1.01E-04	7.16E-06	7.12E-06	1.2321E-03
607187.8	4201048.22	34211.17782	0.31862	0.34397	0.29406	0.2773	0.0483	0.04812	8.60E-04	8.00E-05	8.75E-05	1.20E-04	1.12E-04	7.05E-06	7.01E-06	1.2601E-03
606527.8	4201068.22	102543.579	0.02042	0.02105	0.05361	0.0539	0.07547	0.07666	2.58E-03	5.13E-06	5.36E-06	2.18E-05	2.19E-05	1.10E-05	1.12E-05	2.6328E-03
606547.8	4201068.22	100767.9376	0.02117	0.02184	0.05513	0.05542	0.07501	0.0761	2.53E-03	5.32E-06	5.56E-06	2.25E-05	2.25E-05	1.10E-05	1.11E-05	2.5898E-03
606567.8	4201068.22	98951.78493	0.02198	0.0227	0.05675	0.05705	0.07449	0.07549	2.49E-03	5.52E-06	5.78E-06	2.31E-05	2.31E-05	1.09E-05	1.10E-05	2.5459E-03
606587.8	4201068.22	97099.33716	0.02281	0.02357	0.05843	0.05874	0.07391	0.07483	2.44E-03	5.73E-06	6.00E-06	2.38E-05	2.38E-05	1.08E-05	1.09E-05	2.5011E-03
606607.8	4201068.22	95155.74372	0.02367	0.02448	0.0602	0.06051	0.07331	0.07414	2.39E-03	5.94E-06	6.23E-06	2.45E-05	2.45E-05	1.07E-05	1.08E-05	2.4541E-03
606627.8	4201068.22	93102.299	0.02456	0.02543	0.06206	0.06238	0.07266	0.07342	2.34E-03	6.17E-06	6.47E-06	2.53E-05	2.53E-05	1.06E-05	1.07E-05	2.4044E-03
606647.8	4201068.22	90807.4748	0.0256	0.02652	0.06408	0.06441	0.07197	0.07266	2.28E-03	6.43E-06	6.75E-06	2.61E-05	2.61E-05	1.05E-05	1.06E-05	2.3489E-03
606667.8	4201068.22	88341.88539	0.02662	0.02762	0.06618	0.0665	0.07126	0.07188	2.22E-03	6.69E-06	7.03E-06	2.70E-05	2.70E-05	1.04E-05	1.05E-05	2.2892E-03
606687.8	4201068.22	85674.71744	0.02778	0.02885	0.06844	0.06876	0.07052	0.07107	2.15E-03	6.98E-06	7.34E-06	2.79E-05	2.79E-05	1.03E-05	1.04E-05	2.2245E-03
606707.8	4201068.22	82887.20682	0.02899	0.03014	0.07081	0.07112	0.06976	0.07025	2.08E-03	7.28E-06	7.67E-06	2.88E-05	2.88E-05	1.02E-05	1.02E-05	2.1570E-03
606727.8	4201068.22	79988.07642	0.03036	0.0316	0.07337	0.07367	0.06896	0.0694	2.01E-03	7.62E-06	8.04E-06	2.99E-05	2.99E-05	1.01E-05	1.01E-05	2.0869E-03
606747.8	4201068.22	77034.34592	0.03191	0.03325	0.07613	0.07642	0.06815	0.06853	1.94E-03	8.01E-06	8.46E-06	3.10E-05	3.10E-05	9.95E-06	9.99E-06	2.0156E-03
606767.8	4201068.22	74083.6424	0.03359	0.03504	0.07907	0.07935	0.06732	0.06764	1.86E-03	8.44E-06	8.92E-06	3.22E-05	3.22E-05	9.83E-06	9.86E-06	1.9447E-03
606787.8	4201068.22	71172.00069	0.03542	0.03699	0.0822	0.08247	0.06647	0.06675	1.79E-03	8.90E-06	9.41E-06	3.35E-05	3.35E-05	9.71E-06	9.73E-06	1.8750E-03
606807.8	4201068.22	68315.09114	0.03752	0.03924	0.08563	0.08589	0.06561	0.06584	1.72E-03	9.42E-06	9.98E-06	3.49E-05	3.48E-05	9.58E-06	9.60E-06	1.8070E-03
606827.8	4201068.22	65551.8622	0.03981	0.04169	0.08929	0.08955	0.06474	0.06493	1.65E-03	1.00E-05	1.06E-05	3.64E-05	3.63E-05	9.45E-06	9.46E-06	1.7417E-03
606847.8	4201068.22	62894.41939	0.04232	0.04438	0.09324	0.09333	0.06387	0.06402	1.58E-03	1.06E-05	1.13E-05	3.80E-05	3.79E-05	9.33E-06	9.33E-06	1.6793E-03
606867.8	4201068.22	60347.37803	0.04569	0.04749	0.09655	0.09675	0.06299	0.0631	1.52E-03	1.15E-05	1.21E-05	3.93E-05	3.92E-05	9.20E-06	9.20E-06	1.6197E-03
606887.8	4201068.22	57919.06442	0.04902	0.05137	0.10107	0.10128	0.06211	0.06219	1.46E-03	1.23E-05	1.31E-05	4.12E-05	4.11E-05	9.07E-06	9.06E-06	1.5641E-03
606907.8	4201068.22	55607.14551	0.05266	0.05531	0.10607	0.10626	0.06123	0.06128	1.40E-03	1.32E-05	1.41E-05	4.32E-05	4.31E-05	8.94E-06	8.93E-06	1.5119E-03
606927.8	4201068.22	53409.72717	0.05674	0.05978	0.11152	0.11166	0.06035	0.06036	1.34E-03	1.42E-05	1.52E-05	4.54E-05	4.53E-05	8.81E-06	8.80E-06	1.4633E-03
606947.8	4201068.22	51325.85134	0.06122	0.06457	0.11757	0.11768	0.05947	0.05946	1.29E-03	1.54E-05	1.64E-05	4.79E-05	4.77E-05	8.68E-06	8.67E-06	1.4181E-03
606967.8	4201068.22	49351.81626	0.06628	0.07005	0.12431	0.12437	0.0586	0.05855	1.24E-03	1.66E-05	1.78E-05	5.06E-05	5.05E-05	8.56E-06	8.53E-06	1.3766E-03
606987.8	4201068.22	47482.90971	0.07207	0.07637	0.13183	0.13184	0.05772	0.05765	1.19E-03	1.81E-05	1.94E-05	5.37E-05	5.35E-05	8.43E-06	8.40E-06	1.3387E-03
607007.8	4201068.22	45717.89522	0.07868	0.0836	0.14027	0.1402	0.05685	0.05676	1.15E-03	1.98E-05	2.13E-05	5.71E-05	5.69E-05	8.30E-06	8.27E-06	1.3047E-03
607027.8	4201068.22	44047.70585	0.08646	0.09213	0.14991	0.14973	0.05599	0.05587	1.11E-03	2.17E-05	2.34E-05	6.11E-05	6.07E-05	8.18E-06	8.14E-06	1.2746E-03
607047.8	4201068.22	42466.76385	0.09573	0.10227	0.16101	0.16066	0.05512	0.05499	1.07E-03	2.40E-05	2.60E-05	6.56E-05	6.52E-05	8.05E-06	8.02E-06	1.2487E-03
607067.8	4201068.22	40974.63429	0.10669	0.11432	0.17373	0.17314	0.05426	0.05411	1.03E-03	2.68E-05	2.91E-05	7.08E-05	7.02E-05	7.92E-06	7.89E-06	1.2273E-03
607087.8	4201068.22	39564.71208	0.11991	0.12893	0.18848	0.18757	0.05342	0.05325	9.95E-04	3.01E-05	3.28E-05	7.68E-05	7.61E-05	7.80E-06	7.76E-06	1.2107E-03
607107.8	4201068.22	38231.25007	0.1363	0.14706	0.20589	0.2045	0.05257	0.05239	9.61E-04	3.42E-05	3.74E-05	8.39E-05	8.30E-05	7.68E-06	7.64E-06	1.1999E-03
607127.8	4201068.22	36971.66558	0.15665	0.16965	0.22655	0.22446	0.05174	0.05154	9.30E-04	3.93E-05	4.32E-05	9.23E-05	9.11E-05	7.56E-06	7.51E-06	1.1956E-03
607147.8	4201068.22	35780.07256	0.18269	0.19866	0.25159	0.24843	0.05092	0.05071	9.00E-04	4.59E-05	5.05E-05	1.02E-04	1.01E-04	7.44E-06	7.39E-06	1.1994E-03
607167.8	4201068.22	34651.98983	0.21689	0.23697	0.28266	0.27779	0.0501	0.04988	8.71E-04	5.45E-05	6.03E-05	1.15E-04	1.13E-04	7.32E-06	7.27E-06	1.2140E-03
607187.8	4201068.22	33583.11001	0.26331	0.28924	0.32227	0.31453	0.0493	0.04907	8.45E-04	6.61E-05	7.36E-05	1.31E-04	1.28E-04	7.20E-06	7.15E-06	1.2431E-03
607207.8	4201068.22	32569.69904	0.3289	0.36351	0.37448	0.36178	0.04851	0.04827	8.19E-04	8.26E-05	9.25E-05	1.53E-04	1.47E-04	7.08E-06	7.04E-06	1.2934E-03
607227.8	4201068.22	31608.01741	0.42656	0.47459	0.44631	0.42462	0.04773	0.04748	7.95E-04	1.07E-04	1.21E-04	1.82E-04	1.72E-04	6.97E-06	6.92E-06	1.3767E-03
607247.8	4201068.22	30694.61673	0.58325	0.65243	0.55114	0.51185	0.04695	0.0467	7.72E-04	1.46E-04	1.66E-04	2.24E-04	2.08E-04	6.86E-06	6.81E-06	1.5165E-03
607267.8	4201068.22	29826.10415	0.86426	0.96507	0.7168	0.63975	0.0462	0.04594	7.50E-04	2.17E-04	2.46E-04	2.92E-04	2.60E-04	6.75E-06	6.70E-06	1.7641E-03
607287.8	4201068.22	28999.667	1.45809	1.58626	1.00645	0.83985	0.04545	0.04518	7.29E-04	3.66E-04	4.04E-04	4.10E-04	3.41E-04	6.64E-06	6.59E-06	2.2496E-03
607307.8	4201068.22	28212.74579	3.00598	2.96884	1.53752	1.15462	0.04471	0.04444	7.09E-04	7.55E-04	7.55E-04	6.26E-04	4.68E-04	6.53E-06	6.48E-06	3.3144E-03
606527.8	4201088.22	95485.69963	0.01928	0.01983	0.05404	0.05441	0.08031	0.08142	2.40E-03	4.84E-06	5.05E-06	2.20E-05	2.21E-05	1.17E-05	1.19E-05	2.4551E-03
606547.8	4201088.22	93850.00865	0.01998	0.02056	0.0556	0.05598	0.07965	0.08065	2.36E-03	5.02E-06	5.23E-06	2.26E-05	2.27E-05	1.16E-05	1.18E-05	2.4156E-03
606567.8	4201088.22	92199.3927	0.02069	0.02131	0.05723	0.05762	0.07893	0.07985	2.32E-03	5.20E-06	5.42E-06	2.33E-05	2.34E-05	1.15E-05	1.16E-05	2.3758E-03
606587.8	4201088.22	90487.20005	0.02146	0.02212	0.05896	0.05938	0.07817	0.079	2.28E-03	5.39E-06	5.63E-06	2.40E-05	2.41E-05	1.14E-05	1.15E-05	2.3346E-03
606607.8	4201088.22	88717.47507	0.02224	0.02293	0.06076	0.06119	0.07738	0.07813	2.23E-03	5.59E-06	5.83E-06	2.47E-05	2.48E-05	1.13E-05	1.14E-05	2.2919E-03
606627.8	4201088.22	86849.55824	0.0231	0.02384	0.0627	0.06315	0.07656	0.07722	2.18E-03	5.80E-06	6.07E-06	2.55E-05	2.56E-05	1.12E-05	1.13E-05	2.2470E-03
606647.8	4201088.22	84832.94789	0.024	0.02479	0.06475	0.06521	0.0757	0.07629	2.13E-03	6.03E-06	6.31E-06	2.64E-05	2.65E-05	1.11E-05	1.11E-05	2.1984E-03
606667.8	4201088.22	82651.74363	0.02498	0.02582	0.06693	0.0674	0.07483	0.07535	2.08E-03	6.27E-06	6.57E-06	2.73E-05	2.73E-05	1.09E-05	1.10E-05	2.1459E-03
606687.8	4201088.22	80316.68742	0.02605	0.02696	0.06928	0.06976	0.07393	0.07439	2.02E-03	6.54E-06	6.86E-06	2.82E-05	2.83E-05	1.08E-05	1.08E-05	2.0896E-03
606707.8	4201088.22	77877.43861	0.02721	0.02818	0.07176	0.07225	0.073	0.0734	1.96E-03	6.83E-06	7.17E-06	2.92E-05	2.93E-05	1.07E-05	1.07E-05	2.0309E-03
606727.8	4201088.22	75353.04582	0.02844	0.02949	0.0744	0.07489	0.07207	0.07241	1.89E-03	7.14E-06	7.50E-06	3.03E-05	3.04E-05	1.05E-05	1.06E-05	1.9702E-03
606747.8	4201088.22	72770.52775	0.02987	0.03099	0.07727	0.07777	0.0711	0.07139	1.83E-03	7.50E-06	7.88E-06	3.15E-05	3.15E-05	1.04E-05	1.04E-05	1.9084E-03
606767.8	4201088.22	70182.24719	0.03139	0.03261	0.08032	0.08082	0.07013	0.07037	1.76E-03	7.88E-06	8.30E-06	3.27E-05	3.28E-05	1.02E-05	1.03E-05	1.8465E-03
606787.8	4201088.22	67613.89533	0.03305	0.03437	0.08358	0.0841	0.06916	0.06935	1.70E-03	8.30E-06	8.74E-06	3.40E-05	3.41E-05	1.01E-05	1.01E-05	1.7855E-03
606807.8	4201088.22	65088.90431	0.0349	0.03634	0.08711	0.08764	0.06817	0.06832	1.64E-03	8.76E-06	9.25E-06	3.55E-05	3.56E-05	9.96E-06	9.96E-06	1.7258E-03
606827.8	4201088.22	62628.94569	0.03694	0.0385	0.09092	0.09148	0.06718	0.06729	1.57E-03	9.28E-06	9.80E-06	3.70E-05	3.71E-05	9.81E-06	9.81E-06	1.6681E-03
606847.8	4201088.22	60251.82393	0.03915	0.04085	0.09502	0.09558	0.0662	0.06626	1.52E-03	9.83E-06	1.04E-05	3.87E-05	3.88E-05	9.67E-06	9.66E-06	1.6128E-03
606867.8	4201088.22	57957.37525	0.04216	0.04359	0.09895	0.09926	0.06521	0.06523	1.46E-03	1.06E-05	1.11E-05	4.03E-05	4.03E-05	9.52E-06	9.51E-06	1.5597E-03
606887.8	4201088.22	55760.10873	0.04513	0.0471	0.10343	0.10403	0.06422	0.06422	1.40E-03	1.13E-05	1.20E-05	4.21E-05	4.22E-05	9.38E-06	9.36E-06	1.5098E-03
606907.8	4201088.22	53655.93158	0.04833	0.05051	0.10863	0.1093	0.06324	0.0632	1.35E-03	1.21E-05	1.29E-05	4.42E-05	4.43E-05	9.24E-06	9.21E-06	1.4628E-03
606927.8	4201088.22	51644.20709	0.05199	0.05446	0.11438	0.11506	0.06226	0.06219	1.30E-03	1.31E-05	1.39E-05	4.66E-05	4.67E-05	9.09E-06	9.06E-06	1.4189E-03
606947.8	4201088.22	49726.25668	0.05592	0.05873	0.12077	0.12149	0.06129	0.06119	1.25E-03	1.40E-05	1.49E-05	4.92E-05	4.93E-05	8.95E-06	8.92E-06	1.3779E-03
606967.8	4201088.22	47899.07453	0.06034	0.06349	0.12785	0.12863	0.06032	0.0602	1.20E-03	1.52E-05	1.62E-05	5.21E-05	5.22E-05	8.81E-06	8.77E-06	1.3401E-03
606987.8	4201088.22	46160.90082	0.06534	0.06891	0.13579	0.13663	0.05935	0.05922	1.16E-03	1.64E-05	1.75E-05	5.53E-05	5.54E-05	8.67E-06	8.63E-06	1.3055E-03
607007.8	4201088.22	44509.80948	0.07109	0.07513	0.14473	0.14565	0.0584	0.05824	1.12E-03	1.79E-05	1.91E-05	5.90E-05	5.91E-05	8.53E-06	8.49E-06	1.2743E-03
607027.8	4201088.22	42942.25508	0.07769	0.08233	0.1549	0.15591	0.05746	0.05728	1.08E-03	1.95E-05	2.09E-05	6.31E-05	6.32E-05	8.39E-06	8.35E-06	1.2467E-03
607047.8	4201088.22	41453.49074	0.08548	0.09076	0.16663	0.16773	0.05652	0.05632	1.04E-03	2.15E-05	2.31E-05	6.79E-05	6.80E-05	8.25E-06	8.21E-06	1.2229E-03
607067.8	4201088.22	40041.99123	0.09459	0.10071	0.18014	0.18136	0.05559	0.05538	1.01E-03	2.38E-05	2.56E-05	7.34E-05	7.36E-05	8.12E-06	8.07E-06	1.2032E-03
607087.8	4201088.22	38700.06851	0.10569	0.11287	0.19606	0.19743	0.05467	0.05444	9.73E-04	2.65E-05	2.87E-05	7.99E-05	8.01E-05	7.98E-06	7.93E-06	1.1884E-03
607107.8	4201088.22	37429.82903	0.11905	0.12758	0.21472	0.21625	0.05376	0.05352	9.41E-04	2.99E-05	3.25E-05	8.75E-05	8.77E-05	7.85E-06	7.80E-06	1.1788E-03
607127.8	4201088.22	36224.08293	0.1357	0.14591	0.23717	0.23891	0.05287	0.05262	9.11E-04	3.41E-05	3.71E-05	9.66E-05	9.69E-05	7.72E-06	7.67E-06	1.1756E-03
607147.8	4201088.22	35082.04401	0.15643	0.1689	0.26433	0.26635	0.05198	0.05172	8.82E-04	3.93E-05	4.30E-05	1.08E-04	1.08E-04	7.59E-06	7.54E-06	1.1802E-03
607167.8	4201088.22	33998.25525	0.18307	0.19873	0.29823	0.30052	0.05111	0.05085	8.55E-04	4.60E-05	5.06E-05	1.21E-04	1.22E-04	7.46E-06	7.41E-06	1.1949E-03
607187.8	4201088.22	32969.42046	0.21821	0.23855	0.34172	0.34424	0.05026	0.04998	8.29E-04	5.48E-05	6.07E-05	1.39E-04	1.40E-04	7.34E-06	7.28E-06	1.2234E-03
607207.8	4201088.22	31991.93074	0.2661	0.2937	0.39951	0.40207	0.04941	0.04913	8.04E-04	6.68E-05	7.47E-05	1.63E-04	1.63E-04	7.22E-06	7.16E-06	1.2719E-03
607227.8	4201088.22	31062.9647	0.33423	0.3738	0.47986	0.48202	0.04858	0.04829	7.81E-04	8.39E-05	9.51E-05	1.95E-04	1.96E-04	7.09E-06	7.04E-06	1.3512E-03
607247.8	4201088.22	30179.21459	0.43751	0.4984	0.59894	0.59935	0.04777	0.04747	7.59E-04	1.10E-04	1.27E-04	2.44E-04	2.43E-04	6.98E-06	6.92E-06	1.4827E-03
607267.8	4201088.22	29338.04675	0.61001	0.7135	0.79269	0.78713	0.04696	0.04666	7.38E-04	1.53E-04	1.82E-04	3.23E-04	3.19E-04	6.86E-06	6.80E-06	1.7147E-03
607287.8	4201088.22	28536.69092	0.94341	1.15085	1.15797	1.12953	0.04617	0.04587	7.18E-04	2.37E-04	2.93E-04	4.72E-04	4.58E-04	6.74E-06	6.69E-06	2.1772E-03
607307.8	4201088.22	27772.87986	1.71503	2.29712	2.03513	1.88382	0.0454	0.04509	6.98E-04	4.31E-04	5.84E-04	8.29E-04	7.64E-04	6.63E-06	6.57E-06	3.3067E-03
606527.8	4201108.22	89259.25848	0.01831	0.01878	0.05442	0.05485	0.08529	0.0863	2.24E-03	4.60E-06	4.78E-06	2.22E-05	2.22E-05	1.25E-05	1.26E-05	2.2984E-03
606547.8	4201108.22	87771.56601	0.01892	0.01942	0.05597	0.05642	0.08441	0.08531	2.21E-03	4.75E-06	4.94E-06	2.28E-05	2.29E-05	1.23E-05	1.24E-05	2.2625E-03
606567.8	4201108.22	86246.87438	0.01959	0.02012	0.05763	0.05811	0.08349	0.0843	2.17E-03	4.92E-06	5.12E-06	2.35E-05	2.36E-05	1.22E-05	1.23E-05	2.2259E-03
606587.8	4201108.22	84681.84065	0.02029	0.02085	0.05938	0.05988	0.08254	0.08325	2.13E-03	5.10E-06	5.30E-06	2.42E-05	2.43E-05	1.21E-05	1.21E-05	2.1884E-03
606607.8	4201108.22	83072.00561	0.02105	0.02164	0.06126	0.06179	0.08154	0.08218	2.09E-03	5.29E-06	5.51E-06	2.50E-05	2.51E-05	1.19E-05	1.20E-05	2.1498E-03
606627.8	4201108.22	81358.98373	0.02185	0.02248	0.06324	0.0638	0.08052	0.08108	2.05E-03	5.49E-06	5.72E-06	2.58E-05	2.59E-05	1.18E-05	1.18E-05	2.1088E-03
606647.8	4201108.22	79558.58174	0.02267	0.02334	0.06533	0.06591	0.07948	0.07997	2.00E-03	5.69E-06	5.94E-06	2.66E-05	2.67E-05	1.16E-05	1.17E-05	2.0656E-03
606667.8	4201108.22	77624.57666	0.02358	0.0243	0.06757	0.06817	0.07842	0.07884	1.95E-03	5.92E-06	6.18E-06	2.75E-05	2.77E-05	1.15E-05	1.15E-05	2.0193E-03

606687.8	4201108.22	75571.80884	0.02456	0.02532	0.06997	0.07059	0.07734	0.0777	1.90E-03	6.17E-06	6.44E-06	2.85E-05	2.86E-05	1.13E-05	1.13E-05	1.9701E-03
606707.8	4201108.22	73419.25333	0.02565	0.02647	0.07255	0.07319	0.07627	0.07657	1.85E-03	6.44E-06	6.73E-06	2.96E-05	2.97E-05	1.11E-05	1.12E-05	1.9187E-03
606727.8	4201108.22	71197.37628	0.0268	0.02767	0.07527	0.07593	0.07517	0.07541	1.79E-03	6.73E-06	7.04E-06	3.07E-05	3.08E-05	1.10E-05	1.10E-05	1.8656E-03
606747.8	4201108.22	68928.4481	0.02807	0.02901	0.0782	0.07887	0.07406	0.07425	1.73E-03	7.05E-06	7.38E-06	3.19E-05	3.20E-05	1.08E-05	1.08E-05	1.8116E-03
606767.8	4201108.22	66633.59498	0.0295	0.03052	0.08137	0.08207	0.07295	0.07309	1.68E-03	7.41E-06	7.77E-06	3.31E-05	3.33E-05	1.07E-05	1.07E-05	1.7572E-03
606787.8	4201108.22	64355.71726	0.03101	0.0321	0.08472	0.08545	0.07183	0.07193	1.62E-03	7.79E-06	8.17E-06	3.45E-05	3.47E-05	1.05E-05	1.05E-05	1.7035E-03
606807.8	4201108.22	62107.14064	0.03267	0.03385	0.08834	0.08911	0.07072	0.07077	1.56E-03	8.20E-06	8.61E-06	3.60E-05	3.61E-05	1.03E-05	1.03E-05	1.6507E-03
606827.8	4201108.22	59904.30813	0.03451	0.03578	0.09227	0.09309	0.0696	0.06962	1.51E-03	8.67E-06	9.10E-06	3.76E-05	3.78E-05	1.02E-05	1.01E-05	1.5995E-03
606847.8	4201108.22	57764.0914	0.03651	0.0379	0.09652	0.09737	0.06849	0.06847	1.45E-03	9.17E-06	9.64E-06	3.93E-05	3.95E-05	1.00E-05	9.98E-06	1.5502E-03
606867.8	4201108.22	55695.36813	0.03874	0.04025	0.10083	0.10156	0.06739	0.06734	1.40E-03	9.73E-06	1.02E-05	4.11E-05	4.12E-05	9.84E-06	9.82E-06	1.5028E-03
606887.8	4201108.22	53700.227	0.04175	0.04326	0.10538	0.10636	0.0663	0.06621	1.35E-03	1.05E-05	1.10E-05	4.29E-05	4.31E-05	9.68E-06	9.65E-06	1.4579E-03
606907.8	4201108.22	51778.46354	0.04477	0.04653	0.11081	0.11188	0.06521	0.06509	1.30E-03	1.12E-05	1.18E-05	4.51E-05	4.54E-05	9.52E-06	9.49E-06	1.4157E-03
606927.8	4201108.22	49934.62454	0.04807	0.05006	0.11682	0.11797	0.06412	0.06398	1.26E-03	1.21E-05	1.27E-05	4.76E-05	4.79E-05	9.36E-06	9.33E-06	1.3759E-03
606947.8	4201108.22	48169.8006	0.05156	0.05382	0.12348	0.12474	0.06305	0.06289	1.21E-03	1.29E-05	1.37E-05	5.03E-05	5.06E-05	9.21E-06	9.17E-06	1.3389E-03
606967.8	4201108.22	46481.58207	0.05544	0.05796	0.13086	0.13225	0.06199	0.06181	1.17E-03	1.39E-05	1.47E-05	5.33E-05	5.36E-05	9.05E-06	9.01E-06	1.3045E-03
606987.8	4201108.22	44868.84012	0.05982	0.06261	0.13909	0.14067	0.06095	0.06074	1.13E-03	1.50E-05	1.59E-05	5.67E-05	5.71E-05	8.90E-06	8.85E-06	1.2730E-03
607007.8	4201108.22	43328.02436	0.06482	0.06798	0.14843	0.15018	0.05991	0.05968	1.09E-03	1.63E-05	1.73E-05	6.05E-05	6.09E-05	8.75E-06	8.70E-06	1.2445E-03
607027.8	4201108.22	41858.72137	0.07057	0.07417	0.15901	0.16102	0.05888	0.05864	1.05E-03	1.77E-05	1.89E-05	6.48E-05	6.53E-05	8.60E-06	8.55E-06	1.2193E-03
607047.8	4201108.22	40457.47033	0.07729	0.08132	0.17126	0.17358	0.05787	0.05761	1.02E-03	1.94E-05	2.07E-05	6.98E-05	7.04E-05	8.45E-06	8.40E-06	1.1976E-03
607067.8	4201108.22	39121.98738	0.08518	0.08978	0.18551	0.18822	0.05687	0.0566	9.84E-04	2.14E-05	2.28E-05	7.56E-05	7.64E-05	8.30E-06	8.25E-06	1.1799E-03
607087.8	4201108.22	37851.70956	0.09451	0.09981	0.2021	0.20533	0.05588	0.0556	9.52E-04	2.37E-05	2.54E-05	8.23E-05	8.33E-05	8.16E-06	8.10E-06	1.1666E-03
607107.8	4201108.22	36642.3143	0.10581	0.11197	0.22176	0.22567	0.05491	0.05461	9.21E-04	2.66E-05	2.85E-05	9.03E-05	9.15E-05	8.02E-06	7.96E-06	1.1584E-03
607127.8	4201108.22	35492.46804	0.11959	0.1268	0.2453	0.25016	0.05395	0.05365	8.93E-04	3.00E-05	3.23E-05	9.99E-05	1.01E-04	7.88E-06	7.82E-06	1.1562E-03
607147.8	4201108.22	34397.96316	0.13673	0.14534	0.27407	0.28027	0.05301	0.05269	8.65E-04	3.43E-05	3.70E-05	1.12E-04	1.14E-04	7.74E-06	7.68E-06	1.1616E-03
607167.8	4201108.22	33358.09381	0.15807	0.16866	0.30976	0.31786	0.05208	0.05176	8.39E-04	3.97E-05	4.29E-05	1.26E-04	1.29E-04	7.61E-06	7.54E-06	1.1766E-03
607187.8	4201108.22	32368.81476	0.18544	0.1989	0.35552	0.3664	0.05117	0.05085	8.14E-04	4.66E-05	5.06E-05	1.45E-04	1.49E-04	7.47E-06	7.41E-06	1.2046E-03
607207.8	4201108.22	31426.93462	0.2214	0.23923	0.41617	0.43133	0.05028	0.04995	7.90E-04	5.56E-05	6.09E-05	1.70E-04	1.75E-04	7.34E-06	7.28E-06	1.2512E-03
607227.8	4201108.22	30530.00493	0.27029	0.29506	0.50008	0.52233	0.0494	0.04907	7.68E-04	6.79E-05	7.51E-05	2.04E-04	2.12E-04	7.21E-06	7.15E-06	1.3263E-03
607247.8	4201108.22	29675.44639	0.34025	0.37668	0.62316	0.65811	0.04854	0.0482	7.46E-04	8.55E-05	9.58E-05	2.54E-04	2.67E-04	7.09E-06	7.03E-06	1.4483E-03
607267.8	4201108.22	28860.92475	0.44835	0.50629	0.81929	0.88012	0.04769	0.04735	7.26E-04	1.13E-04	1.29E-04	3.34E-04	3.57E-04	6.96E-06	6.90E-06	1.6579E-03
607287.8	4201108.22	28084.09119	0.63381	0.73976	1.17287	1.29618	0.04686	0.04652	7.06E-04	1.59E-04	1.88E-04	4.78E-04	5.26E-04	6.84E-06	6.78E-06	2.0571E-03
607307.8	4201108.22	27342.53209	0.97654	1.23148	1.93063	2.23698	0.04605	0.0457	6.88E-04	2.45E-04	3.13E-04	7.86E-04	9.07E-04	6.72E-06	6.66E-06	2.9399E-03
606527.8	4201128.22	83759.88554	0.01744	0.01784	0.05469	0.05518	0.09041	0.09129	2.11E-03	4.38E-06	4.54E-06	2.23E-05	2.24E-05	1.32E-05	1.33E-05	2.1599E-03
606547.8	4201128.22	82374.63131	0.01803	0.01846	0.05629	0.05681	0.08929	0.09005	2.07E-03	4.53E-06	4.70E-06	2.29E-05	2.30E-05	1.30E-05	1.31E-05	2.1267E-03
606567.8	4201128.22	80968.40422	0.01865	0.01911	0.05798	0.05852	0.08812	0.08881	2.04E-03	4.68E-06	4.86E-06	2.36E-05	2.37E-05	1.29E-05	1.29E-05	2.0930E-03
606587.8	4201128.22	79531.23862	0.01929	0.01977	0.05974	0.06032	0.08695	0.08754	2.00E-03	4.84E-06	5.03E-06	2.43E-05	2.45E-05	1.27E-05	1.28E-05	2.0586E-03
606607.8	4201128.22	78058.22131	0.02	0.0205	0.06165	0.06225	0.08574	0.08626	1.96E-03	5.02E-06	5.22E-06	2.51E-05	2.53E-05	1.25E-05	1.26E-05	2.0235E-03
606627.8	4201128.22	76501.62533	0.02075	0.02128	0.06367	0.06431	0.08453	0.08495	1.92E-03	5.21E-06	5.41E-06	2.59E-05	2.61E-05	1.23E-05	1.24E-05	1.9864E-03
606647.8	4201128.22	74881.88746	0.02151	0.02208	0.06579	0.06646	0.08329	0.08365	1.88E-03	5.40E-06	5.62E-06	2.68E-05	2.70E-05	1.22E-05	1.22E-05	1.9478E-03
606667.8	4201128.22	73152.85189	0.02237	0.02297	0.06809	0.0688	0.08204	0.08234	1.84E-03	5.62E-06	5.84E-06	2.77E-05	2.79E-05	1.20E-05	1.20E-05	1.9067E-03
606687.8	4201128.22	71325.83296	0.02331	0.02396	0.07058	0.07132	0.08078	0.08102	1.79E-03	5.85E-06	6.10E-06	2.87E-05	2.89E-05	1.18E-05	1.18E-05	1.8632E-03
606707.8	4201128.22	69415.3701	0.02433	0.02501	0.07323	0.07399	0.07953	0.07972	1.75E-03	6.11E-06	6.36E-06	2.98E-05	3.00E-05	1.16E-05	1.16E-05	1.8179E-03
606727.8	4201128.22	67445.6692	0.0254	0.02613	0.07602	0.07681	0.07827	0.0784	1.70E-03	6.38E-06	6.65E-06	3.10E-05	3.12E-05	1.14E-05	1.14E-05	1.7712E-03
606747.8	4201128.22	65432.40442	0.02659	0.02737	0.07903	0.07985	0.077	0.07708	1.65E-03	6.68E-06	6.96E-06	3.22E-05	3.24E-05	1.12E-05	1.12E-05	1.7236E-03
606767.8	4201128.22	63391.98978	0.0279	0.02874	0.08227	0.08312	0.07574	0.07577	1.59E-03	7.01E-06	7.31E-06	3.35E-05	3.37E-05	1.11E-05	1.10E-05	1.6756E-03
606787.8	4201128.22	61359.74864	0.02927	0.03017	0.08569	0.08659	0.07448	0.07447	1.54E-03	7.35E-06	7.68E-06	3.49E-05	3.51E-05	1.09E-05	1.09E-05	1.6281E-03
606807.8	4201128.22	59347.87401	0.03076	0.03173	0.08937	0.09032	0.07323	0.07319	1.49E-03	7.73E-06	8.07E-06	3.64E-05	3.66E-05	1.07E-05	1.07E-05	1.5812E-03
606827.8	4201128.22	57367.46189	0.03242	0.03346	0.09337	0.0944	0.07199	0.07191	1.44E-03	8.14E-06	8.51E-06	3.80E-05	3.83E-05	1.05E-05	1.05E-05	1.5356E-03
606847.8	4201128.22	55429.34371	0.03429	0.03541	0.09777	0.09889	0.07075	0.07064	1.39E-03	8.61E-06	9.01E-06	3.98E-05	4.01E-05	1.03E-05	1.03E-05	1.4914E-03
606867.8	4201128.22	53552.38629	0.03627	0.03754	0.10227	0.10317	0.06953	0.06939	1.35E-03	9.11E-06	9.55E-06	4.17E-05	4.19E-05	1.02E-05	1.01E-05	1.4488E-03
606887.8	4201128.22	51733.301	0.03913	0.04034	0.10709	0.10837	0.06832	0.06815	1.30E-03	9.83E-06	1.03E-05	4.36E-05	4.40E-05	9.98E-06	9.93E-06	1.4086E-03
606907.8	4201128.22	49980.69694	0.04175	0.04314	0.11266	0.11407	0.06713	0.06693	1.26E-03	1.05E-05	1.10E-05	4.59E-05	4.63E-05	9.80E-06	9.76E-06	1.3705E-03
606927.8	4201128.22	48289.37942	0.04471	0.04627	0.11886	0.12043	0.06595	0.06572	1.21E-03	1.12E-05	1.18E-05	4.84E-05	4.89E-05	9.63E-06	9.58E-06	1.3346E-03
606947.8	4201128.22	46662.95059	0.04794	0.04975	0.12573	0.12743	0.06478	0.06453	1.17E-03	1.20E-05	1.27E-05	5.12E-05	5.17E-05	9.46E-06	9.41E-06	1.3010E-03
606967.8	4201128.22	45101.00746	0.05147	0.05343	0.1334	0.1353	0.06362	0.06336	1.13E-03	1.29E-05	1.36E-05	5.43E-05	5.49E-05	9.29E-06	9.24E-06	1.2699E-03
606987.8	4201128.22	43602.23995	0.05542	0.05757	0.14198	0.14415	0.06249	0.0622	1.10E-03	1.39E-05	1.46E-05	5.78E-05	5.85E-05	9.13E-06	9.07E-06	1.2413E-03
607007.8	4201128.22	42166.39193	0.05987	0.06229	0.15164	0.15408	0.06136	0.06106	1.06E-03	1.50E-05	1.58E-05	6.18E-05	6.25E-05	8.96E-06	8.90E-06	1.2155E-03
607027.8	4201128.22	40791.92875	0.06497	0.06767	0.16258	0.16536	0.06026	0.05995	1.03E-03	1.63E-05	1.72E-05	6.62E-05	6.71E-05	8.80E-06	8.74E-06	1.1926E-03
607047.8	4201128.22	39475.30087	0.07093	0.0739	0.17527	0.17851	0.05917	0.05884	9.93E-04	1.78E-05	1.88E-05	7.14E-05	7.24E-05	8.64E-06	8.58E-06	1.1731E-03
607067.8	4201128.22	38216.72821	0.07787	0.08118	0.18999	0.19382	0.05809	0.05776	9.61E-04	1.96E-05	2.07E-05	7.74E-05	7.86E-05	8.48E-06	8.42E-06	1.1572E-03
607087.8	4201128.22	37013.12917	0.08614	0.08986	0.20731	0.21191	0.05704	0.05669	9.31E-04	2.16E-05	2.29E-05	8.44E-05	8.60E-05	8.33E-06	8.26E-06	1.1457E-03
607107.8	4201128.22	35866.64147	0.09588	0.10011	0.22764	0.23324	0.056	0.05565	9.02E-04	2.41E-05	2.55E-05	9.27E-05	9.46E-05	8.18E-06	8.11E-06	1.1388E-03
607127.8	4201128.22	34771.08371	0.10777	0.11259	0.25215	0.25917	0.05498	0.05462	8.74E-04	2.71E-05	2.86E-05	1.03E-04	1.05E-04	8.03E-06	7.96E-06	1.1379E-03
607147.8	4201128.22	33725.72562	0.12229	0.12793	0.28205	0.29109	0.05398	0.05362	8.48E-04	3.07E-05	3.25E-05	1.15E-04	1.18E-04	7.88E-06	7.82E-06	1.1443E-03
607167.8	4201128.22	32729.81876	0.14003	0.14686	0.31917	0.33111	0.053	0.05263	8.23E-04	3.52E-05	3.74E-05	1.30E-04	1.34E-04	7.74E-06	7.67E-06	1.1599E-03
607187.8	4201128.22	31779.70515	0.16221	0.17079	0.36673	0.383	0.05204	0.05167	7.99E-04	4.07E-05	4.35E-05	1.49E-04	1.55E-04	7.60E-06	7.53E-06	1.1881E-03
607207.8	4201128.22	30873.09771	0.19045	0.20172	0.42971	0.45279	0.0511	0.05072	7.76E-04	4.78E-05	5.13E-05	1.75E-04	1.84E-04	7.46E-06	7.39E-06	1.2342E-03
607227.8	4201128.22	30008.10449	0.22744	0.24295	0.51667	0.55117	0.05017	0.04979	7.55E-04	5.71E-05	6.18E-05	2.10E-04	2.24E-04	7.33E-06	7.26E-06	1.3076E-03
607247.8	4201128.22	29182.60335	0.278	0.30054	0.64378	0.69901	0.04926	0.04888	7.34E-04	6.98E-05	7.65E-05	2.62E-04	2.84E-04	7.19E-06	7.12E-06	1.4259E-03
607267.8	4201128.22	28394.43073	0.35113	0.38671	0.84488	0.94262	0.04838	0.048	7.14E-04	8.82E-05	9.84E-05	3.44E-04	3.82E-04	7.07E-06	7.00E-06	1.6271E-03
607287.8	4201128.22	27641.45372	0.46313	0.52774	1.20172	1.40259	0.04751	0.04713	6.95E-04	1.16E-04	1.34E-04	4.89E-04	5.69E-04	6.94E-06	6.87E-06	2.0041E-03
607307.8	4201128.22	26921.59283	0.63308	0.7709	1.93945	2.44029	0.04665	0.04627	6.77E-04	1.59E-04	1.96E-04	7.90E-04	9.90E-04	6.81E-06	6.74E-06	2.8120E-03
606527.8	4201148.22	78848.91934	0.01669	0.01704	0.05494	0.05548	0.09561	0.09635	1.98E-03	4.19E-06	4.34E-06	2.24E-05	2.25E-05	1.40E-05	1.40E-05	2.0362E-03
606547.8	4201148.22	77559.49903	0.01724	0.01761	0.05655	0.05712	0.09423	0.09487	1.95E-03	4.33E-06	4.48E-06	2.30E-05	2.32E-05	1.38E-05	1.38E-05	2.0054E-03
606567.8	4201148.22	76269.61526	0.01782	0.01821	0.05825	0.05885	0.09283	0.09336	1.92E-03	4.48E-06	4.63E-06	2.37E-05	2.39E-05	1.36E-05	1.36E-05	1.9746E-03
606587.8	4201148.22	74937.28892	0.01844	0.01885	0.06005	0.06069	0.09141	0.09185	1.88E-03	4.63E-06	4.80E-06	2.45E-05	2.46E-05	1.33E-05	1.34E-05	1.9429E-03
606607.8	4201148.22	73583.26952	0.01909	0.01953	0.06198	0.06265	0.08998	0.09035	1.85E-03	4.79E-06	4.97E-06	2.52E-05	2.54E-05	1.31E-05	1.32E-05	1.9108E-03
606627.8	4201148.22	72172.80716	0.01976	0.02022	0.06398	0.06469	0.08855	0.08884	1.81E-03	4.96E-06	5.14E-06	2.61E-05	2.62E-05	1.29E-05	1.29E-05	1.8773E-03
606647.8	4201148.22	70694.72975	0.02053	0.02101	0.06619	0.06694	0.08711	0.08733	1.78E-03	5.16E-06	5.35E-06	2.70E-05	2.72E-05	1.27E-05	1.27E-05	1.8424E-03
606667.8	4201148.22	69138.70221	0.02134	0.02185	0.06854	0.06934	0.08566	0.08583	1.74E-03	5.36E-06	5.56E-06	2.79E-05	2.81E-05	1.25E-05	1.25E-05	1.8056E-03
606687.8	4201148.22	67504.98804	0.02222	0.02277	0.07108	0.07191	0.08421	0.08432	1.70E-03	5.58E-06	5.79E-06	2.90E-05	2.92E-05	1.23E-05	1.23E-05	1.7670E-03
606707.8	4201148.22	65800.46553	0.02317	0.02375	0.07378	0.07465	0.08278	0.08284	1.65E-03	5.82E-06	6.04E-06	3.01E-05	3.03E-05	1.21E-05	1.21E-05	1.7269E-03
606727.8	4201148.22	64039.72828	0.02422	0.02483	0.07668	0.07758	0.08134	0.08135	1.61E-03	6.08E-06	6.32E-06	3.12E-05	3.15E-05	1.19E-05	1.19E-05	1.6855E-03
606747.8	4201148.22	62242.73061	0.02531	0.02597	0.07973	0.08068	0.07991	0.07987	1.57E-03	6.36E-06	6.61E-06	3.25E-05	3.27E-05	1.17E-05	1.16E-05	1.6434E-03
606767.8	4201148.22	60429.1919	0.02646	0.02716	0.08296	0.08395	0.0785	0.07842	1.52E-03	6.65E-06	6.91E-06	3.38E-05	3.41E-05	1.15E-05	1.14E-05	1.6010E-03
606787.8	4201148.22	58601.37682	0.02776	0.02851	0.08647	0.08752	0.07709	0.07698	1.47E-03	6.97E-06	7.25E-06	3.52E-05	3.55E-05	1.13E-05	1.12E-05	1.5586E-03
606807.8	4201148.22	56787.75662	0.02915	0.02995	0.09023	0.09134	0.07571	0.07555	1.43E-03	7.32E-06	7.62E-06	3.68E-05	3.71E-05	1.11E-05	1.10E-05	1.5168E-03
606827.8	4201148.22	54996.68626	0.03069	0.03154	0.09432	0.09552	0.07433	0.07414	1.38E-03	7.71E-06	8.02E-06	3.84E-05	3.87E-05	1.09E-05	1.08E-05	1.4759E-03
606847.8	4201148.22	53241.62303	0.03238	0.03329	0.09877	0.10008	0.07297	0.07275	1.34E-03	8.13E-06	8.47E-06	4.02E-05	4.06E-05	1.07E-05	1.06E-05	1.4363E-03
606867.8	4201148.22	51527.99919	0.03427	0.03529	0.10338	0.10452	0.07162	0.07138	1.30E-03	8.61E-06	8.98E-06	4.21E-05	4.24E-05	1.05E-05	1.04E-05	1.3979E-03
606887.8	4201148.22	49868.7276	0.03678	0.03744	0.10856	0.11005	0.0703	0.07003	1.25E-03	9.24E-06	9.53E-06	4.42E-05	4.46E-05	1.03E-05	1.02E-05	1.3617E-03
606907.8	4201148.22	48259.43017	0.03935	0.04043	0.11423	0.11592	0.069	0.06871	1.21E-03	9.88E-06	1.03E-05	4.65E-05	4.70E-05	1.01E-05	1.00E-05	1.3273E-03
606927.8	4201148.22	46704.38218	0.04206	0.04329	0.1206	0.12248	0.06771	0.0674	1.17E-03	1.06E-05	1.10E-05	4.91E-05	4.97E-05	9.89E-06	9.82E-06	1.2948E-03
606947.8	4201148.22	45203.45796	0.04503	0.04645	0.12768	0.12974	0.06644	0.06611	1.14E-03	1.13E-05	1.18E-05	5.20E-05	5.26E-05	9.70E-06	9.64E-06	1.2645E-03
606967.8	4201148.22	43756.58013	0.04829	0.0498	0.13563	0.13794	0.06519	0.06485	1.10E-03	1.21E-05	1.27E-05	5.52E-05	5.60E-05	9.52E-06	9.45E-06	1.2363E-03
606987.8	4201148.22	42364.20895	0.05189	0.05357	0.14453	0.14713	0.06396	0.06361	1.07E-03	1.30E-05	1.36E-05	5.89E-05	5.97E-05	9.34E-06	9.27E-06	1.2105E-03
607007.8	4201148.22	41026.78595	0.05596	0.05778	0.15449	0.15744	0.06276	0.06239	1.03E-03	1.41E-05	1.47E-05	6.29E-05	6.39E-05	9.17E-06	9.09E-06	1.1872E-03
607027.8	4201148.22	39742.85348	0.06056	0.06256	0.16573	0.16912	0.06157	0.06119	9.99E-04	1.52E-05	1.59E-05	6.75E-05	6.86E-05	8.99E-06	8.92E-06	1.1666E-03
607047.8	4201148.22	38508.41473	0.06595	0.06809	0.17877	0.1827	0.06041	0.06002	9.68E-04	1.66E-05	1.73E-05	7.28E-05	7.41E-05	8.82E-06	8.75E-06	1.1492E-03
607067.8	4201148.22	37324.56701	0.07219	0.07452	0.19388	0.19851	0.05927	0.05887	9.39E-04	1.81E-05	1.90E-05	7.90E-05	8.05E-05	8.66E-06	8.58E-06	1.1352E-03
607087.8	4201148.22	36188.12382	0.07961	0.08217	0.2117	0.21725	0.05814	0.05774	9.10E-04	2.00E-05	2.09E-05	8.62E-05	8.81E-05	8.49E-06	8.42E-06	1.1253E-03
607107.8	4201148.22	35100.63137	0.08838	0.09123	0.23278	0.23952	0.05704	0.05663	8.83E-04	2.22E-05	2.32E-05	9.48E-05	9.72E-05	8.33E-06	8.25E-06	1.1200E-03
607127.8	4201148.22	34058.79077	0.0989	0.10211	0.25819	0.2666	0.05596	0.05555	8.56E-04	2.48E-05	2.60E-05	1.05E-04	1.08E-04	8.17E-06	8.10E-06	1.1206E-03
607147.8	4201148.22	33063.4357	0.1114	0.11515	0.28897	0.29975	0.05491	0.05449	8.31E-04	2.80E-05	2.93E-05	1.18E-04	1.22E-04	8.02E-06	7.94E-06	1.1280E-03
607167.8	4201148.22	32111.12649	0.12648	0.13107	0.32739	0.34158	0.05387	0.05345	8.07E-04	3.18E-05	3.33E-05	1.33E-04	1.39E-04	7.87E-06	7.79E-06	1.1445E-03
607187.8	4201148.22	31200.21907	0.14487	0.15074	0.37665	0.39596	0.05286	0.05244	7.85E-04	3.64E-05	3.84E-05	1.53E-04	1.61E-04	7.72E-06	7.64E-06	1.1734E-03
607207.8	4201148.22	30329.05505	0.16759	0.17548	0.44192	0.46932	0.05187	0.05145	7.63E-04	4.21E-05	4.46E-05	1.80E-04	1.90E-04	7.57E-06	7.50E-06	1.2198E-03
607227.8	4201148.22	29495.90812	0.19633	0.20743	0.53207	0.57313	0.0509	0.05047	7.42E-04	4.93E-05	5.28E-05	2.17E-04	2.32E-04	7.43E-06	7.36E-06	1.2930E-03
607247.8	4201148.22	28699.23394	0.23389	0.25038	0.66377	0.72984	0.04995	0.04953	7.22E-04	5.87E-05	6.37E-05	2.70E-04	2.96E-04	7.29E-06	7.22E-06	1.4106E-03
607267.8	4201148.22	27937.03265	0.28468	0.31105	0.87134	0.98918	0.04902	0.0486	7.03E-04	7.15E-05	7.91E-05	3.55E-04	4.01E-04	7.16E-06	7.08E-06	1.6093E-03
607287.8	4201148.22	27207.83009	0.3548	0.40019	1.23508	1.47896	0.04811	0.04769	6.84E-04	8.91E-05	1.02E-04	5.03E-04	6.00E-04	7.03E-06	6.95E-06	1.9781E-03
607307.8	4201148.22	26507.94422	0.45058	0.53166	1.97295	2.57589	0.04722	0.0468	6.67E-04	1.13E-04	1.35E-04	8.04E-04	1.04E-03	6.90E-06	6.82E-06	2.7635E-03
606527.8	4201168.22	74450.43151	0.01602	0.01632	0.05513	0.05572	0.1009	0.10145	1.87E-03	4.02E-06	4.15E-06	2.25E-05	2.26E-05	1.47E-05	1.48E-05	1.9254E-03
606547.8	4201168.22	73257.10793	0.01653	0.01686	0.05675	0.05737	0.09923	0.0997	1.84E-03	4.15E-06	4.29E-06	2.31E-05	2.33E-05	1.45E-05	1.45E-05	1.8970E-03
606567.8	4201168.22	72058.55315	0.01708	0.01742	0.05845	0.0591	0.09757	0.09795	1.81E-03	4.29E-06	4.43E-06	2.38E-05	2.40E-05	1.42E-05	1.43E-05	1.8685E-03
606587.8	4201168.22	70824.64568	0.01766	0.01802	0.06028	0.06096	0.0959	0.09619	1.78E-03	4.44E-06	4.58E-06	2.46E-05	2.47E-05	1.40E-05	1.40E-05	1.8393E-03
606607.8	4201168.22	69575.7711	0.01828	0.01865	0.06221	0.06294	0.09423	0.09444	1.75E-03	4.59E-06	4.75E-06	2.53E-05	2.55E-05	1.38E-05	1.38E-05	1.8098E-03
606627.8	4201168.22	68279.1385	0.01892	0.01932	0.06425	0.06502	0.09256	0.09271	1.72E-03	4.75E-06	4.92E-06	2.62E-05	2.64E-05	1.35E-05	1.35E-05	1.7792E-03
606647.8	4201168.22	66931.75318	0.01965	0.02006	0.06649	0.06731	0.0909	0.09099	1.68E-03	4.93E-06	5.10E-06	2.71E-05	2.73E-05	1.33E-05	1.33E-05	1.7475E-03
606667.8	4201168.22	65521.26691	0.02043	0.02087	0.06889	0.06976	0.08925	0.08928	1.65E-03	5.13E-06	5.31E-06	2.81E-05	2.83E-05	1.30E-05	1.30E-05	1.7144E-03
606687.8	4201168.22	64053.32769	0.02125	0.02171	0.07144	0.07236	0.08761	0.08759	1.61E-03	5.34E-06	5.52E-06	2.91E-05	2.94E-05	1.28E-05	1.28E-05	1.6800E-03
606707.8	4201168.22	62516.37646	0.02217	0.02266	0.07423	0.07519	0.08599	0.08592	1.57E-03	5.57E-06	5.77E-06	3.02E-05	3.05E-05	1.26E-05	1.25E-05	1.6442E-03
606727.8	4201168.22	60933.55971	0.02318	0.0237	0.07721	0.07822	0.08437	0.08425	1.53E-03	5.82E-06	6.03E-06	3.14E-05	3.17E-05	1.23E-05	1.23E-05	1.6073E-03
606747.8	4201168.22	59320.84526	0.02421	0.02476	0.08032	0.08137	0.08277	0.08261	1.49E-03	6.08E-06	6.30E-06	3.27E-05	3.30E-05	1.21E-05	1.20E-05	1.5698E-03
606767.8	4201168.22	57687.67802	0.02532	0.0259	0.08363	0.08473	0.0812	0.081	1.45E-03	6.36E-06	6.59E-06	3.41E-05	3.44E-05	1.19E-05	1.18E-05	1.5320E-03
606787.8	4201168.22	56044.53034	0.02651	0.02713	0.08717	0.08833	0.07965	0.07942	1.41E-03	6.66E-06	6.90E-06	3.55E-05	3.58E-05	1.16E-05	1.16E-05	1.4942E-03
606807.8	4201168.22	54403.74655	0.02782	0.02847	0.091	0.09223	0.07812	0.07785	1.37E-03	6.99E-06	7.24E-06	3.71E-05	3.74E-05	1.14E-05	1.13E-05	1.4568E-03
606827.8	4201168.22	52781.9888	0.02923	0.02992	0.09511	0.09645	0.07661	0.07632	1.33E-03	7.34E-06	7.61E-06	3.87E-05	3.91E-05	1.12E-05	1.11E-05	1.4201E-03
606847.8	4201168.22	51184.22056	0.03081	0.03154	0.09963	0.10108	0.07512	0.0748	1.29E-03	7.74E-06	8.02E-06	4.06E-05	4.10E-05	1.10E-05	1.09E-05	1.3845E-03
606867.8	4201168.22	49618.09171	0.03258	0.0334	0.10434	0.10568	0.07366	0.07331	1.25E-03	8.18E-06	8.50E-06	4.25E-05	4.29E-05	1.08E-05	1.07E-05	1.3498E-03
606887.8	4201168.22	48094.9025	0.03503	0.03577	0.10971	0.11143	0.07222	0.07185	1.21E-03	8.80E-06	9.10E-06	4.47E-05	4.52E-05	1.05E-05	1.05E-05	1.3172E-03
606907.8	4201168.22	46614.84523	0.03742	0.03828	0.11556	0.11747	0.0708	0.07042	1.17E-03	9.40E-06	9.74E-06	4.71E-05	4.77E-05	1.03E-05	1.03E-05	1.2861E-03
606927.8	4201168.22	45179.60482	0.04001	0.04099	0.12208	0.12418	0.0694	0.06901	1.14E-03	1.00E-05	1.04E-05	4.97E-05	5.04E-05	1.01E-05	1.01E-05	1.2567E-03
606947.8	4201168.22	43794.19851	0.04267	0.04377	0.12936	0.13171	0.06804	0.06763	1.10E-03	1.07E-05	1.11E-05	5.27E-05	5.34E-05	9.94E-06	9.86E-06	1.2293E-03
606967.8	4201168.22	42454.73996	0.04564	0.04682	0.13751	0.14015	0.0667	0.06628	1.07E-03	1.15E-05	1.19E-05	5.60E-05	5.69E-05	9.74E-06	9.66E-06	1.2038E-03
606987.8	4201168.22	41162.09826	0.04897	0.05023	0.14663	0.1496	0.06538	0.06495	1.04E-03	1.23E-05	1.28E-05	5.97E-05	6.07E-05	9.55E-06	9.47E-06	1.1806E-03
607007.8	4201168.22	39915.84061	0.05271	0.05408	0.15685	0.16021	0.0641	0.06365	1.00E-03	1.32E-05	1.38E-05	6.39E-05	6.50E-05	9.36E-06	9.28E-06	1.1596E-03
607027.8	4201168.22	38715.43431	0.05699	0.05845	0.16844	0.17227	0.06283	0.06238	9.74E-04	1.43E-05	1.49E-05	6.86E-05	6.99E-05	9.18E-06	9.09E-06	1.1412E-03
607047.8	4201168.22	37556.23793	0.06202	0.06356	0.18191	0.18637	0.06159	0.06113	9.44E-04	1.56E-05	1.62E-05	7.41E-05	7.56E-05	8.99E-06	8.91E-06	1.1259E-03
607067.8	4201168.22	36443.59974	0.06776	0.0694	0.19742	0.20264	0.06038	0.05992	9.16E-04	1.70E-05	1.77E-05	8.04E-05	8.22E-05	8.82E-06	8.73E-06	1.1137E-03
607087.8	4201168.22	35373.98942	0.07447	0.07623	0.21557	0.22179	0.05919	0.05873	8.90E-04	1.87E-05	1.94E-05	8.78E-05	9.00E-05	8.64E-06	8.56E-06	1.1054E-03
607107.8	4201168.22	34343.70125	0.0825	0.08444	0.23737	0.24491	0.05802	0.05756	8.64E-04	2.07E-05	2.15E-05	9.67E-05	9.93E-05	8.47E-06	8.39E-06	1.1019E-03
607127.8	4201168.22	33356.85534	0.09178	0.09399	0.26334	0.27266	0.05689	0.05642	8.39E-04	2.30E-05	2.39E-05	1.07E-04	1.11E-04	8.31E-06	8.22E-06	1.1036E-03
607147.8	4201168.22	32409.50516	0.10274	0.10538	0.29506	0.30691	0.05578	0.05531	8.15E-04	2.58E-05	2.68E-05	1.20E-04	1.24E-04	8.15E-06	8.06E-06	1.1123E-03
607167.8	4201168.22	31500.5572	0.11568	0.11903	0.33468	0.35016	0.05469	0.05422	7.92E-04	2.91E-05	3.03E-05	1.36E-04	1.42E-04	7.99E-06	7.90E-06	1.1298E-03
607187.8	4201168.22	30628.30469	0.13111	0.13558	0.38565	0.4066	0.05363	0.05316	7.70E-04	3.29E-05	3.45E-05	1.57E-04	1.65E-04	7.83E-06	7.75E-06	1.1596E-03
607207.8	4201168.22	29792.93179	0.14946	0.15569	0.45299	0.48255	0.05259	0.05212	7.49E-04	3.75E-05	3.96E-05	1.85E-04	1.96E-04	7.68E-06	7.60E-06	1.2066E-03
607227.8	4201168.22	28991.71699	0.17198	0.181	0.54633	0.5905	0.05157	0.05111	7.29E-04	4.32E-05	4.61E-05	2.23E-04	2.40E-04	7.53E-06	7.45E-06	1.2804E-03
607247.8	4201168.22	28223.87417	0.20006	0.21369	0.68282	0.75391	0.05058	0.05012	7.10E-04	5.02E-05	5.44E-05	2.78E-04	3.06E-04	7.39E-06	7.31E-06	1.3983E-03
607267.8	4201168.22	27487.81676	0.23573	0.25693	0.89764	1.02478	0.04961	0.04916	6.91E-04	5.92E-05	6.54E-05	3.66E-04	4.16E-04	7.24E-06	7.17E-06	1.5971E-03
607287.8	4201168.22	26781.9351	0.28237	0.3151	1.27431	1.53728	0.04867	0.04821	6.73E-04	7.09E-05	8.02E-05	5.19E-04	6.24E-04	7.11E-06	7.03E-06	1.9672E-03
607307.8	4201168.22	26104.15436	0.3424	0.39319	2.03248	2.67489	0.04774	0.04729	6.56E-04	8.60E-05	1.00E-04	8.28E-04	1.09E-03	6.97E-06	6.89E-06	2.7554E-03
606527.8	4201188.22	70486.67085	0.01542	0.01569	0.0553	0.05592	0.10621	0.10658	1.77E-03	3.87E-06	3.99E-06	2.25E-05	2.27E-05	1.55E-05	1.55E-05	1.8256E-03
606547.8	4201188.22	69379.76204	0.0159	0.01618	0.0569	0.05755	0.10425	0.10453	1.74E-03	3.99E-06	4.12E-06	2.32E-05	2.33E-05	1.52E-05	1.52E-05	1.7993E-03
606567.8	4201188.22	68262.26623	0.01642	0.01672	0.05862	0.05931	0.10231	0.10251	1.72E-03	4.12E-06	4.25E-06	2.39E-05	2.41E-05	1.49E-05	1.49E-05	1.7729E-03
606587.8	4201188.22	67116.5484	0.01697	0.01729	0.06045	0.06118	0.10038	0.1005	1.69E-03	4.26E-06	4.40E-06	2.46E-05	2.48E-05	1.47E-05	1.46E-05	1.7459E-03
606607.8	4201188.22	65961.72555	0.01755	0.01788	0.06238	0.06315	0.09845	0.09851	1.66E-03	4.41E-06	4.55E-06	2.54E-05	2.56E-05	1.44E-05	1.44E-05	1.7187E-03
606627.8	4201188.22	64763.83955	0.01817	0.01852	0.06445	0.06527	0.09656	0.09654	1.63E-03	4.56E-06	4.71E-06	2.63E-05	2.65E-05	1.41E-05	1.41E-05	1.6906E-03
606647.8	4201188.22	63529.95045	0.01886	0.01922	0.06671	0.06758	0.09468	0.0946	1.60E-03	4.74E-06	4.89E-06	2.72E-05	2.74E-05	1.38E-05	1.38E-05	1.6618E-03
606667.8	4201188.22	62246.32126	0.0196	0.01998	0.06913	0.07006	0.09282	0.09268	1.57E-03	4.92E-06	5.08E-06	2.82E-05	2.84E-05	1.36E-05	1.35E-05	1.6319E-03
606687.8	4201188.22	60908.58077	0.02042	0.02082	0.07177	0.07275	0.09096	0.09079	1.53E-03	5.13E-06	5.30E-06	2.92E-05	2.95E-05	1.33E-05	1.32E-05	1.6008E-03
606707.8	4201188.22	59521.86948	0.0213	0.02171	0.07458	0.07562	0.08915	0.08894	1.50E-03	5.35E-06	5.52E-06	3.04E-05	3.07E-05	1.30E-05	1.30E-05	1.5687E-03
606727.8	4201188.22	58095.85402	0.02224	0.02268	0.07759	0.07868	0.08735	0.08709	1.46E-03	5.59E-06	5.77E-06	3.16E-05	3.19E-05	1.28E-05	1.27E-05	1.5358E-03
606747.8	4201188.22	56638.04506	0.02323	0.02369	0.08077	0.08191	0.08558	0.08529	1.42E-03	5.83E-06	6.03E-06	3.29E-05	3.32E-05	1.25E-05	1.24E-05	1.5023E-03
606767.8	4201188.22	55161.39588	0.02429	0.02478	0.08415	0.08534	0.08384	0.08352	1.39E-03	6.10E-06	6.30E-06	3.43E-05	3.46E-05	1.22E-05	1.22E-05	1.4684E-03
606787.8	4201188.22	53672.50312	0.02544	0.02595	0.08776	0.08902	0.08214	0.08178	1.35E-03	6.39E-06	6.60E-06	3.57E-05	3.61E-05	1.20E-05	1.19E-05	1.4345E-03
606807.8	4201188.22	52182.65623	0.02669	0.02723	0.09165	0.09299	0.08046	0.08008	1.31E-03	6.70E-06	6.93E-06	3.73E-05	3.77E-05	1.17E-05	1.17E-05	1.4009E-03
606827.8	4201188.22	50705.71328	0.02803	0.0286	0.09582	0.09726	0.07882	0.07841	1.28E-03	7.04E-06	7.28E-06	3.90E-05	3.95E-05	1.15E-05	1.14E-05	1.3679E-03
606847.8	4201188.22	49246.31479	0.02953	0.03012	0.10039	0.1018	0.0772	0.07678	1.24E-03	7.42E-06	7.66E-06	4.09E-05	4.13E-05	1.13E-05	1.12E-05	1.3357E-03
606867.8	4201188.22	47815.03118	0.0312	0.03182	0.10517	0.10669	0.07562	0.07517	1.20E-03	7.84E-06	8.10E-06	4.28E-05	4.33E-05	1.10E-05	1.10E-05	1.3044E-03
606887.8	4201188.22	46410.88336	0.03366	0.03428	0.11072	0.1126	0.07406	0.0736	1.17E-03	8.45E-06	8.72E-06	4.51E-05	4.57E-05	1.08E-05	1.07E-05	1.2750E-03
606907.8	4201188.22	45046.00424	0.03586	0.03657	0.11671	0.11879	0.07253	0.07205	1.13E-03	9.01E-06	9.30E-06	4.75E-05	4.82E-05	1.06E-05	1.05E-05	1.2468E-03
606927.8	4201188.22	43721.98164	0.03818	0.039	0.12331	0.1256	0.07103	0.07055	1.10E-03	9.59E-06	9.92E-06	5.02E-05	5.09E-05	1.04E-05	1.03E-05	1.2202E-03
606947.8	4201188.22	42437.13792	0.0407	0.04156	0.13078	0.13336	0.06957	0.06907	1.07E-03	1.02E-05	1.06E-05	5.33E-05	5.41E-05	1.02E-05	1.01E-05	1.1953E-03
606967.8	4201188.22	41194.68725	0.04346	0.04438	0.13909	0.14203	0.06814	0.06763	1.04E-03	1.09E-05	1.13E-05	5.67E-05	5.76E-05	9.95E-06	9.86E-06	1.1724E-03
606987.8	4201188.22	39992.56034	0.04657	0.04754	0.14843	0.15174	0.06674	0.06622	1.01E-03	1.17E-05	1.21E-05	6.05E-05	6.16E-05	9.75E-06	9.65E-06	1.1515E-03
607007.8	4201188.22	38830.92682	0.05009	0.05112	0.15888	0.16262	0.06537	0.06485	9.76E-04	1.26E-05	1.30E-05	6.47E-05	6.60E-05	9.55E-06	9.45E-06	1.1327E-03
607027.8	4201188.22	37707.06964	0.05415	0.0552	0.17088	0.17514	0.06402	0.0635	9.48E-04	1.36E-05	1.40E-05	6.96E-05	7.10E-05	9.35E-06	9.26E-06	1.1165E-03
607047.8	4201188.22	36621.85026	0.05882	0.05991	0.18466	0.18956	0.06271	0.06218	9.21E-04	1.48E-05	1.52E-05	7.52E-05	7.69E-05	9.16E-06	9.06E-06	1.1030E-03
607067.8	4201188.22	35576.75309	0.06417	0.06531	0.20052	0.20623	0.06143	0.0609	8.95E-04	1.61E-05	1.66E-05	8.17E-05	8.37E-05	8.97E-06	8.88E-06	1.0927E-03
607087.8	4201188.22	34569.00065	0.07038	0.0716	0.21912	0.22588	0.06017	0.05965	8.69E-04	1.77E-05	1.82E-05	8.93E-05	9.16E-05	8.79E-06	8.69E-06	1.0861E-03
607107.8	4201188.22	33597.55398	0.07761	0.07895	0.24125	0.2494	0.05895	0.05843	8.45E-04	1.95E-05	2.01E-05	9.83E-05	1.01E-04	8.61E-06	8.52E-06	1.0839E-03
607127.8	4201188.22	32662.97048	0.0859	0.08748	0.26783	0.27782	0.05776	0.05724	8.21E-04	2.16E-05	2.23E-05	1.09E-04	1.13E-04	8.43E-06	8.34E-06	1.0870E-03
607147.8	4201188.22	31761.21465	0.09564	0.09764	0.30059	0.31323	0.05659	0.05607	7.99E-04	2.40E-05	2.48E-05	1.22E-04	1.27E-04	8.26E-06	8.17E-06	1.0970E-03
607167.8	4201188.22	30894.12683	0.10686	0.10955	0.34155	0.35792	0.05545	0.05493	7.77E-04	2.68E-05	2.79E-05	1.39E-04	1.45E-04	8.10E-06	8.01E-06	1.1159E-03
607187.8	4201188.22	30061.28311	0.11975	0.12353	0.39403	0.41597	0.05434	0.05382	7.56E-04	3.01E-05	3.14E-05	1.60E-04	1.69E-04	7.94E-06	7.84E-06	1.1467E-03
607207.8	4201188.22	29261.09104	0.13473	0.1402	0.46371	0.49445	0.05326	0.05274	7.36E-04	3.38E-05	3.57E-05	1.89E-04	2.01E-04	7.78E-06	7.69E-06	1.1948E-03
607227.8	4201188.22	28492.03289	0.15241	0.1605	0.56047	0.6061	0.0522	0.05169	7.16E-04	3.83E-05	4.08E-05	2.28E-04	2.46E-04	7.62E-06	7.53E-06	1.2697E-03
607247.8	4201188.22	27754.05043	0.17329	0.18523	0.70128	0.77428	0.05117	0.05067	6.98E-04	4.35E-05	4.71E-05	2.86E-04	3.14E-04	7.47E-06	7.39E-06	1.3883E-03
607267.8	4201188.22	27045.44724	0.19864	0.21573	0.92189	1.05147	0.05017	0.04967	6.80E-04	4.99E-05	5.49E-05	3.75E-04	4.27E-04	7.33E-06	7.24E-06	1.5869E-03
607287.8	4201188.22	26363.91913	0.23124	0.25489	1.31007	1.57568	0.04918	0.04869	6.63E-04	5.81E-05	6.49E-05	5.34E-04	6.39E-04	7.18E-06	7.10E-06	1.9587E-03
607307.8	4201188.22	25708.95699	0.27233	0.30614	2.09956	2.74205	0.04823	0.04774	6.46E-04	6.84E-05	7.79E-05	8.55E-04	1.11E-03	7.04E-06	6.96E-06	2.7603E-03
606527.8	4201208.22	66899.30271	0.01487	0.01511	0.05541	0.05606	0.11155	0.11171	1.68E-03	3.73E-06	3.84E-06	2.26E-05	2.27E-05	1.63E-05	1.63E-05	1.7352E-03
606547.8	4201208.22	65863.11821	0.01534	0.01559	0.05704	0.05772	0.10927	0.10935	1.66E-03	3.85E-06	3.97E-06	2.32E-05	2.34E-05	1.60E-05	1.59E-05	1.7107E-03
606567.8	4201208.22	64822.58384	0.01583	0.01609	0.05874	0.05947	0.10703	0.10703	1.63E-03	3.98E-06	4.09E-06	2.39E-05	2.41E-05	1.56E-05	1.56E-05	1.6862E-03
606587.8	4201208.22	63757.4179	0.01635	0.01663	0.06057	0.06133	0.10482	0.10476	1.60E-03	4.11E-06	4.23E-06	2.47E-05	2.49E-05	1.53E-05	1.53E-05	1.6612E-03

606607.8	4201208.22	62682.8944	0.01691	0.0172	0.06251	0.06332	0.10265	0.10252	1.58E-03	4.25E-06	4.38E-06	2.55E-05	2.57E-05	1.50E-05	1.49E-05	1.6360E-03
606627.8	4201208.22	61572.81285	0.01751	0.01781	0.06461	0.06547	0.10051	0.10031	1.55E-03	4.40E-06	4.53E-06	2.63E-05	2.66E-05	1.47E-05	1.46E-05	1.6102E-03
606647.8	4201208.22	60438.06775	0.01817	0.01848	0.06687	0.06779	0.09838	0.09815	1.52E-03	4.56E-06	4.70E-06	2.72E-05	2.75E-05	1.44E-05	1.43E-05	1.5838E-03
606667.8	4201208.22	59257.08042	0.0189	0.01923	0.06936	0.07034	0.09631	0.09602	1.49E-03	4.75E-06	4.89E-06	2.83E-05	2.85E-05	1.41E-05	1.40E-05	1.5565E-03
606687.8	4201208.22	58040.95178	0.01967	0.02001	0.07198	0.07303	0.09425	0.09393	1.46E-03	4.94E-06	5.09E-06	2.93E-05	2.96E-05	1.38E-05	1.37E-05	1.5285E-03
606707.8	4201208.22	56787.57189	0.02048	0.02083	0.07478	0.07589	0.09225	0.09189	1.43E-03	5.14E-06	5.30E-06	3.05E-05	3.08E-05	1.35E-05	1.34E-05	1.4997E-03
606727.8	4201208.22	55491.84912	0.02138	0.02175	0.07783	0.079	0.09027	0.08987	1.40E-03	5.37E-06	5.53E-06	3.17E-05	3.20E-05	1.32E-05	1.31E-05	1.4701E-03
606747.8	4201208.22	54172.99553	0.02232	0.02271	0.08104	0.08227	0.08833	0.0879	1.36E-03	5.61E-06	5.78E-06	3.30E-05	3.34E-05	1.29E-05	1.28E-05	1.4400E-03
606767.8	4201208.22	52828.86909	0.02335	0.02376	0.08449	0.08577	0.08642	0.08597	1.33E-03	5.86E-06	6.05E-06	3.44E-05	3.48E-05	1.26E-05	1.25E-05	1.4096E-03
606787.8	4201208.22	51475.02324	0.02446	0.02488	0.08815	0.0895	0.08456	0.08408	1.29E-03	6.14E-06	6.33E-06	3.59E-05	3.63E-05	1.23E-05	1.23E-05	1.3791E-03
606807.8	4201208.22	50113.17756	0.02569	0.02613	0.09214	0.09357	0.08273	0.08223	1.26E-03	6.45E-06	6.65E-06	3.75E-05	3.80E-05	1.21E-05	1.20E-05	1.3488E-03
606827.8	4201208.22	48759.79381	0.02702	0.02748	0.09641	0.09793	0.08094	0.08043	1.23E-03	6.79E-06	6.99E-06	3.93E-05	3.97E-05	1.18E-05	1.17E-05	1.3189E-03
606847.8	4201208.22	47420.30381	0.02872	0.02899	0.10094	0.10272	0.0792	0.07866	1.19E-03	7.21E-06	7.38E-06	4.11E-05	4.17E-05	1.16E-05	1.15E-05	1.2898E-03
606867.8	4201208.22	46106.56685	0.03047	0.03088	0.10602	0.10782	0.07749	0.07694	1.16E-03	7.65E-06	7.86E-06	4.32E-05	4.37E-05	1.13E-05	1.12E-05	1.2619E-03
606887.8	4201208.22	44817.58965	0.03236	0.03285	0.11151	0.1135	0.07582	0.07526	1.13E-03	8.13E-06	8.36E-06	4.54E-05	4.60E-05	1.11E-05	1.10E-05	1.2350E-03
606907.8	4201208.22	43555.73187	0.03443	0.03503	0.11759	0.11977	0.07419	0.07362	1.10E-03	8.65E-06	8.91E-06	4.79E-05	4.86E-05	1.08E-05	1.07E-05	1.2093E-03
606927.8	4201208.22	42327.60955	0.03663	0.03728	0.12438	0.12682	0.07259	0.07201	1.06E-03	9.20E-06	9.48E-06	5.07E-05	5.14E-05	1.06E-05	1.05E-05	1.1852E-03
606947.8	4201208.22	41136.78968	0.03898	0.03966	0.13193	0.13469	0.07103	0.07045	1.03E-03	9.79E-06	1.01E-05	5.37E-05	5.46E-05	1.04E-05	1.03E-05	1.1627E-03
606967.8	4201208.22	39981.13677	0.0416	0.04231	0.1404	0.14352	0.0695	0.06892	1.01E-03	1.04E-05	1.08E-05	5.72E-05	5.82E-05	1.01E-05	1.00E-05	1.1420E-03
606987.8	4201208.22	38860.743	0.04455	0.04528	0.14993	0.15343	0.06802	0.06743	9.77E-04	1.12E-05	1.15E-05	6.11E-05	6.22E-05	9.93E-06	9.83E-06	1.1232E-03
607007.8	4201208.22	37776.10999	0.0479	0.04864	0.16063	0.16463	0.06656	0.06598	9.50E-04	1.20E-05	1.24E-05	6.54E-05	6.68E-05	9.72E-06	9.62E-06	1.1066E-03
607027.8	4201208.22	36722.48929	0.0518	0.05254	0.17298	0.17758	0.06514	0.06455	9.23E-04	1.30E-05	1.34E-05	7.05E-05	7.20E-05	9.51E-06	9.41E-06	1.0923E-03
607047.8	4201208.22	35706.98688	0.05617	0.05692	0.18702	0.19231	0.06376	0.06317	8.98E-04	1.41E-05	1.45E-05	7.62E-05	7.80E-05	9.31E-06	9.21E-06	1.0807E-03
607067.8	4201208.22	34724.24897	0.06122	0.062	0.20328	0.20943	0.06241	0.06182	8.73E-04	1.54E-05	1.58E-05	8.28E-05	8.50E-05	9.11E-06	9.01E-06	1.0721E-03
607087.8	4201208.22	33774.1134	0.06703	0.06787	0.22237	0.22965	0.06109	0.06051	8.49E-04	1.68E-05	1.73E-05	9.06E-05	9.32E-05	8.92E-06	8.82E-06	1.0671E-03
607107.8	4201208.22	32859.4415	0.07353	0.07449	0.24481	0.25351	0.05982	0.05923	8.26E-04	1.85E-05	1.90E-05	9.97E-05	1.03E-04	8.74E-06	8.63E-06	1.0663E-03
607127.8	4201208.22	31974.44058	0.08099	0.08222	0.27202	0.28267	0.05857	0.05799	8.04E-04	2.03E-05	2.09E-05	1.11E-04	1.15E-04	8.55E-06	8.45E-06	1.0708E-03
607147.8	4201208.22	31120.52495	0.08942	0.09109	0.30536	0.31864	0.05735	0.05678	7.83E-04	2.25E-05	2.32E-05	1.24E-04	1.29E-04	8.38E-06	8.28E-06	1.0818E-03
607167.8	4201208.22	30296.53512	0.09893	0.10131	0.34711	0.36419	0.05616	0.05559	7.62E-04	2.48E-05	2.58E-05	1.41E-04	1.48E-04	8.20E-06	8.10E-06	1.1016E-03
607187.8	4201208.22	29501.93939	0.10964	0.11314	0.40095	0.42364	0.055	0.05444	7.42E-04	2.75E-05	2.88E-05	1.63E-04	1.72E-04	8.03E-06	7.93E-06	1.1334E-03
607207.8	4201208.22	28735.17984	0.12191	0.12708	0.47316	0.50475	0.05387	0.05332	7.23E-04	3.06E-05	3.23E-05	1.93E-04	2.05E-04	7.87E-06	7.77E-06	1.1830E-03
607227.8	4201208.22	27998.71049	0.13558	0.14307	0.57245	0.61887	0.05278	0.05223	7.04E-04	3.41E-05	3.64E-05	2.33E-04	2.51E-04	7.71E-06	7.61E-06	1.2587E-03
607247.8	4201208.22	27289.3693	0.15153	0.16192	0.71796	0.79163	0.05171	0.05116	6.86E-04	3.81E-05	4.12E-05	2.92E-04	3.21E-04	7.55E-06	7.46E-06	1.3790E-03
607267.8	4201208.22	26608.86148	0.17012	0.18364	0.94285	1.07121	0.05067	0.05013	6.69E-04	4.27E-05	4.67E-05	3.84E-04	4.35E-04	7.40E-06	7.31E-06	1.5771E-03
607287.8	4201208.22	25951.20829	0.1944	0.21185	1.34409	1.60397	0.04965	0.04912	6.53E-04	4.88E-05	5.39E-05	5.47E-04	6.51E-04	7.25E-06	7.16E-06	1.9534E-03
607307.8	4201208.22	25318.75465	0.22396	0.24764	2.16176	2.7811	0.04866	0.04814	6.37E-04	5.62E-05	6.30E-05	8.81E-04	1.13E-03	7.11E-06	7.02E-06	2.7646E-03
606527.8	4201228.22	63630.31668	0.01437	0.01459	0.0555	0.05618	0.11686	0.11679	1.60E-03	3.61E-06	3.71E-06	2.26E-05	2.28E-05	1.71E-05	1.70E-05	1.6528E-03
606547.8	4201228.22	62663.3302	0.01482	0.01505	0.05712	0.05784	0.11426	0.11412	1.58E-03	3.72E-06	3.83E-06	2.33E-05	2.35E-05	1.67E-05	1.66E-05	1.6301E-03
606567.8	4201228.22	61688.25015	0.0153	0.01554	0.05885	0.05961	0.11171	0.1115	1.55E-03	3.84E-06	3.95E-06	2.40E-05	2.42E-05	1.63E-05	1.63E-05	1.6072E-03
606587.8	4201228.22	60698.33136	0.01579	0.01603	0.06064	0.06144	0.10922	0.10895	1.53E-03	3.97E-06	4.08E-06	2.47E-05	2.49E-05	1.59E-05	1.59E-05	1.5840E-03
606607.8	4201228.22	59694.56575	0.01634	0.01659	0.06262	0.06346	0.10677	0.10645	1.50E-03	4.10E-06	4.22E-06	2.55E-05	2.57E-05	1.56E-05	1.55E-05	1.5607E-03
606627.8	4201228.22	58664.37526	0.01692	0.01718	0.06472	0.06562	0.10438	0.10401	1.48E-03	4.25E-06	4.37E-06	2.64E-05	2.66E-05	1.52E-05	1.52E-05	1.5368E-03
606647.8	4201228.22	57612.07841	0.01757	0.01784	0.06702	0.06798	0.10203	0.10162	1.45E-03	4.41E-06	4.54E-06	2.73E-05	2.76E-05	1.49E-05	1.48E-05	1.5126E-03
606667.8	4201228.22	56527.79625	0.01826	0.01855	0.06949	0.07052	0.09973	0.09927	1.42E-03	4.59E-06	4.72E-06	2.83E-05	2.86E-05	1.46E-05	1.45E-05	1.4877E-03
606687.8	4201228.22	55415.99757	0.01898	0.01928	0.0721	0.0732	0.09747	0.09699	1.39E-03	4.77E-06	4.91E-06	2.94E-05	2.97E-05	1.42E-05	1.41E-05	1.4623E-03
606707.8	4201228.22	54271.74434	0.01975	0.02006	0.07491	0.07607	0.09528	0.09476	1.36E-03	4.96E-06	5.10E-06	3.05E-05	3.09E-05	1.39E-05	1.38E-05	1.4362E-03
606727.8	4201228.22	53093.59797	0.0206	0.02092	0.07795	0.07918	0.09311	0.09256	1.34E-03	5.17E-06	5.32E-06	3.17E-05	3.21E-05	1.36E-05	1.35E-05	1.4095E-03
606747.8	4201228.22	51889.18128	0.02153	0.02186	0.08122	0.08252	0.09099	0.09042	1.30E-03	5.41E-06	5.56E-06	3.31E-05	3.35E-05	1.33E-05	1.32E-05	1.3824E-03
606767.8	4201228.22	50663.1852	0.02253	0.02287	0.08472	0.08608	0.08892	0.08833	1.27E-03	5.66E-06	5.82E-06	3.45E-05	3.49E-05	1.30E-05	1.29E-05	1.3549E-03
606787.8	4201228.22	49425.13884	0.02362	0.02397	0.08846	0.08989	0.08689	0.08629	1.24E-03	5.93E-06	6.10E-06	3.60E-05	3.65E-05	1.27E-05	1.26E-05	1.3274E-03
606807.8	4201228.22	48178.97448	0.02482	0.02518	0.0925	0.09402	0.08492	0.0843	1.21E-03	6.23E-06	6.41E-06	3.77E-05	3.81E-05	1.24E-05	1.23E-05	1.3000E-03
606827.8	4201228.22	46937.65273	0.02611	0.02648	0.09686	0.09844	0.08299	0.08236	1.18E-03	6.56E-06	6.74E-06	3.95E-05	3.99E-05	1.21E-05	1.20E-05	1.2730E-03
606847.8	4201228.22	45707.69694	0.02786	0.02795	0.10166	0.10335	0.08111	0.08047	1.15E-03	7.00E-06	7.11E-06	4.14E-05	4.19E-05	1.18E-05	1.17E-05	1.2468E-03
606867.8	4201228.22	44493.17222	0.02958	0.02998	0.10663	0.10852	0.07928	0.07863	1.12E-03	7.43E-06	7.63E-06	4.34E-05	4.40E-05	1.16E-05	1.15E-05	1.2214E-03
606887.8	4201228.22	43296.56907	0.03146	0.0319	0.11221	0.11426	0.07749	0.07683	1.09E-03	7.90E-06	8.12E-06	4.57E-05	4.63E-05	1.13E-05	1.12E-05	1.1968E-03
606907.8	4201228.22	42137.43891	0.03322	0.03368	0.11829	0.12054	0.07576	0.0751	1.06E-03	8.34E-06	8.57E-06	4.82E-05	4.89E-05	1.11E-05	1.09E-05	1.1736E-03
606927.8	4201228.22	41000.31392	0.03523	0.03574	0.12514	0.1277	0.07407	0.0734	1.03E-03	8.85E-06	9.09E-06	5.10E-05	5.18E-05	1.08E-05	1.07E-05	1.1517E-03
606947.8	4201228.22	39890.87675	0.03749	0.03801	0.13282	0.13572	0.07241	0.07174	1.00E-03	9.42E-06	9.67E-06	5.41E-05	5.51E-05	1.06E-05	1.05E-05	1.1314E-03
606967.8	4201228.22	38812.01945	0.04003	0.04056	0.14142	0.14475	0.07079	0.07013	9.76E-04	1.01E-05	1.03E-05	5.76E-05	5.87E-05	1.03E-05	1.02E-05	1.1127E-03
606987.8	4201228.22	37766.99298	0.04285	0.04338	0.15105	0.15479	0.06922	0.06856	9.50E-04	1.08E-05	1.10E-05	6.15E-05	6.28E-05	1.01E-05	9.99E-06	1.0958E-03
607007.8	4201228.22	36750.84139	0.04609	0.0466	0.16206	0.16635	0.06769	0.06703	9.24E-04	1.16E-05	1.19E-05	6.60E-05	6.75E-05	9.89E-06	9.77E-06	1.0811E-03
607027.8	4201228.22	35762.91405	0.04983	0.05033	0.17476	0.17968	0.06619	0.06553	8.99E-04	1.25E-05	1.28E-05	7.12E-05	7.29E-05	9.67E-06	9.55E-06	1.0687E-03
607047.8	4201228.22	34810.9962	0.05397	0.05447	0.18904	0.1947	0.06474	0.06408	8.75E-04	1.36E-05	1.39E-05	7.70E-05	7.90E-05	9.45E-06	9.34E-06	1.0588E-03
607067.8	4201228.22	33888.34348	0.0587	0.05922	0.20557	0.21217	0.06333	0.06268	8.52E-04	1.47E-05	1.51E-05	8.37E-05	8.61E-05	9.25E-06	9.14E-06	1.0518E-03
607087.8	4201228.22	32994.92108	0.06404	0.06462	0.22495	0.23275	0.06195	0.06131	8.30E-04	1.61E-05	1.64E-05	9.16E-05	9.44E-05	9.05E-06	8.94E-06	1.0483E-03
607107.8	4201228.22	32132.09283	0.06994	0.07068	0.24781	0.25707	0.06062	0.05998	8.08E-04	1.76E-05	1.80E-05	1.01E-04	1.04E-04	8.85E-06	8.74E-06	1.0488E-03
607127.8	4201228.22	31294.32096	0.07662	0.07767	0.27567	0.28696	0.05931	0.05868	7.87E-04	1.92E-05	1.98E-05	1.12E-04	1.16E-04	8.66E-06	8.55E-06	1.0546E-03
607147.8	4201228.22	30487.25819	0.08381	0.08535	0.30935	0.32332	0.05805	0.05743	7.67E-04	2.10E-05	2.17E-05	1.26E-04	1.31E-04	8.48E-06	8.37E-06	1.0666E-03
607167.8	4201228.22	29702.56869	0.09196	0.09429	0.35238	0.37025	0.05681	0.05619	7.47E-04	2.31E-05	2.40E-05	1.44E-04	1.50E-04	8.30E-06	8.19E-06	1.0877E-03
607187.8	4201228.22	28945.99577	0.10075	0.10423	0.40744	0.43099	0.05561	0.055	7.28E-04	2.53E-05	2.65E-05	1.66E-04	1.75E-04	8.12E-06	8.02E-06	1.1205E-03
607207.8	4201228.22	28214.13429	0.11053	0.11556	0.48124	0.51384	0.05444	0.05384	7.09E-04	2.78E-05	2.94E-05	1.96E-04	2.08E-04	7.95E-06	7.85E-06	1.1711E-03
607227.8	4201228.22	27509.56449	0.1212	0.12807	0.58263	0.63015	0.0533	0.05271	6.92E-04	3.04E-05	3.26E-05	2.37E-04	2.56E-04	7.78E-06	7.68E-06	1.2477E-03
607247.8	4201228.22	26828.78729	0.13378	0.14256	0.73206	0.80673	0.05219	0.05161	6.75E-04	3.36E-05	3.63E-05	2.98E-04	3.27E-04	7.62E-06	7.52E-06	1.3700E-03
607267.8	4201228.22	26174.0183	0.14861	0.15933	0.9652	1.0936	0.05112	0.05055	6.58E-04	3.73E-05	4.05E-05	3.93E-04	4.44E-04	7.47E-06	7.37E-06	1.5728E-03
607287.8	4201228.22	25542.6279	0.16682	0.18007	1.37476	1.62564	0.05008	0.04951	6.42E-04	4.19E-05	4.58E-05	5.60E-04	6.59E-04	7.31E-06	7.22E-06	1.9494E-03
607307.8	4201228.22	24932.68364	0.18887	0.2063	2.21814	2.80646	0.04906	0.0485	6.27E-04	4.74E-05	5.25E-05	9.03E-04	1.14E-03	7.16E-06	7.07E-06	2.7688E-03
606527.8	4201248.22	60639.91143	0.01391	0.01411	0.05555	0.05626	0.12208	0.1218	1.52E-03	3.49E-06	3.59E-06	2.26E-05	2.28E-05	1.78E-05	1.78E-05	1.5774E-03
606547.8	4201248.22	59733.99603	0.01435	0.01456	0.05719	0.05794	0.11918	0.11881	1.50E-03	3.60E-06	3.70E-06	2.33E-05	2.35E-05	1.74E-05	1.73E-05	1.5562E-03
606567.8	4201248.22	58820.23509	0.01483	0.01503	0.05894	0.05972	0.11632	0.11589	1.48E-03	3.72E-06	3.82E-06	2.40E-05	2.42E-05	1.70E-05	1.69E-05	1.5349E-03
606587.8	4201248.22	57892.78291	0.01531	0.01553	0.06076	0.06159	0.11353	0.11305	1.46E-03	3.85E-06	3.95E-06	2.47E-05	2.50E-05	1.66E-05	1.65E-05	1.5133E-03
606607.8	4201248.22	56959.06843	0.01583	0.01605	0.0627	0.06358	0.11082	0.1103	1.43E-03	3.98E-06	4.08E-06	2.55E-05	2.58E-05	1.62E-05	1.61E-05	1.4917E-03
606627.8	4201248.22	55996.2203	0.01641	0.01664	0.06485	0.06579	0.10818	0.10761	1.41E-03	4.12E-06	4.23E-06	2.64E-05	2.67E-05	1.58E-05	1.57E-05	1.4696E-03
606647.8	4201248.22	55021.18315	0.01703	0.01727	0.06714	0.06814	0.10558	0.10498	1.38E-03	4.28E-06	4.39E-06	2.73E-05	2.76E-05	1.54E-05	1.53E-05	1.4473E-03
606667.8	4201248.22	54025.33772	0.01767	0.01792	0.06955	0.07062	0.10307	0.10243	1.36E-03	4.44E-06	4.56E-06	2.83E-05	2.86E-05	1.51E-05	1.49E-05	1.4245E-03
606687.8	4201248.22	53002.94841	0.01836	0.01861	0.07215	0.07329	0.1006	0.09995	1.33E-03	4.61E-06	4.73E-06	2.94E-05	2.97E-05	1.47E-05	1.46E-05	1.4013E-03
606707.8	4201248.22	51947.12464	0.01914	0.0194	0.07503	0.07624	0.09819	0.09752	1.31E-03	4.81E-06	4.94E-06	3.06E-05	3.09E-05	1.43E-05	1.42E-05	1.3775E-03
606727.8	4201248.22	50869.84039	0.01995	0.02022	0.07806	0.07934	0.09584	0.09515	1.28E-03	5.01E-06	5.14E-06	3.18E-05	3.22E-05	1.40E-05	1.39E-05	1.3533E-03
606747.8	4201248.22	49768.68817	0.02084	0.02112	0.08134	0.0827	0.09355	0.09284	1.25E-03	5.23E-06	5.37E-06	3.31E-05	3.35E-05	1.37E-05	1.35E-05	1.3288E-03
606767.8	4201248.22	48644.2752	0.02183	0.02212	0.08489	0.08633	0.09131	0.09058	1.22E-03	5.48E-06	5.63E-06	3.46E-05	3.50E-05	1.33E-05	1.32E-05	1.3040E-03
606787.8	4201248.22	47514.24511	0.02286	0.02315	0.08862	0.09013	0.08914	0.0884	1.19E-03	5.74E-06	5.89E-06	3.61E-05	3.66E-05	1.30E-05	1.29E-05	1.2791E-03
606807.8	4201248.22	46368.97177	0.02405	0.02434	0.09274	0.09434	0.08701	0.08627	1.17E-03	6.04E-06	6.19E-06	3.78E-05	3.83E-05	1.27E-05	1.26E-05	1.2543E-03
606827.8	4201248.22	45228.00435	0.0253	0.0256	0.0972	0.09896	0.08495	0.0842	1.14E-03	6.35E-06	6.51E-06	3.96E-05	4.01E-05	1.24E-05	1.23E-05	1.2299E-03
606847.8	4201248.22	44093.83007	0.02709	0.02731	0.10203	0.10384	0.08294	0.08219	1.11E-03	6.80E-06	6.95E-06	4.16E-05	4.21E-05	1.21E-05	1.20E-05	1.2062E-03
606867.8	4201248.22	42974.28077	0.02865	0.02895	0.10706	0.109	0.08099	0.08024	1.08E-03	7.20E-06	7.37E-06	4.36E-05	4.42E-05	1.18E-05	1.17E-05	1.1830E-03
606887.8	4201248.22	41868.09205	0.03038	0.03073	0.11263	0.11477	0.07909	0.07833	1.05E-03	7.63E-06	7.82E-06	4.59E-05	4.66E-05	1.15E-05	1.14E-05	1.1607E-03
606907.8	4201248.22	40785.38232	0.03215	0.03254	0.11887	0.12125	0.07725	0.07649	1.03E-03	8.07E-06	8.28E-06	4.84E-05	4.92E-05	1.13E-05	1.11E-05	1.1396E-03
606927.8	4201248.22	39726.07358	0.0341	0.0345	0.12581	0.12848	0.07545	0.07469	9.99E-04	8.56E-06	8.78E-06	5.12E-05	5.21E-05	1.10E-05	1.09E-05	1.1197E-03
606947.8	4201248.22	38696.72389	0.03623	0.03661	0.13346	0.13647	0.07371	0.07296	9.73E-04	9.10E-06	9.31E-06	5.44E-05	5.54E-05	1.08E-05	1.06E-05	1.1012E-03
606967.8	4201248.22	37692.12357	0.03863	0.039	0.14211	0.14556	0.07201	0.07126	9.48E-04	9.70E-06	9.92E-06	5.79E-05	5.90E-05	1.05E-05	1.04E-05	1.0844E-03
606987.8	4201248.22	36713.90946	0.04136	0.04172	0.15181	0.15575	0.07036	0.06961	9.23E-04	1.04E-05	1.06E-05	6.18E-05	6.32E-05	1.03E-05	1.01E-05	1.0693E-03
607007.8	4201248.22	35759.22588	0.04453	0.04486	0.1631	0.1676	0.06874	0.068	8.99E-04	1.12E-05	1.14E-05	6.64E-05	6.80E-05	1.00E-05	9.91E-06	1.0562E-03
607027.8	4201248.22	34832.42907	0.04812	0.04843	0.17602	0.1812	0.06717	0.06644	8.76E-04	1.21E-05	1.23E-05	7.17E-05	7.35E-05	9.81E-06	9.68E-06	1.0455E-03
607047.8	4201248.22	33937.47303	0.05208	0.05239	0.19058	0.19661	0.06565	0.06493	8.53E-04	1.31E-05	1.33E-05	7.76E-05	7.98E-05	9.59E-06	9.46E-06	1.0372E-03
607067.8	4201248.22	33071.32487	0.05646	0.0568	0.20734	0.21435	0.06418	0.06347	8.32E-04	1.42E-05	1.45E-05	8.45E-05	8.70E-05	9.37E-06	9.25E-06	1.0317E-03
607087.8	4201248.22	32229.44014	0.06138	0.06182	0.22707	0.23535	0.06274	0.06204	8.10E-04	1.54E-05	1.57E-05	9.25E-05	9.55E-05	9.16E-06	9.04E-06	1.0296E-03
607107.8	4201248.22	31414.85787	0.06672	0.06737	0.25041	0.26025	0.06135	0.06066	7.90E-04	1.68E-05	1.71E-05	1.02E-04	1.06E-04	8.96E-06	8.84E-06	1.0314E-03
607127.8	4201248.22	30623.2185	0.07259	0.07361	0.27877	0.29071	0.06	0.05931	7.70E-04	1.82E-05	1.87E-05	1.14E-04	1.18E-04	8.76E-06	8.64E-06	1.0385E-03
607147.8	4201248.22	29856.52695	0.07889	0.08047	0.31355	0.3283	0.05868	0.05801	7.51E-04	1.98E-05	2.05E-05	1.28E-04	1.33E-04	8.57E-06	8.46E-06	1.0520E-03
607167.8	4201248.22	29114.66282	0.08552	0.08793	0.35692	0.37565	0.0574	0.05674	7.32E-04	2.15E-05	2.24E-05	1.45E-04	1.52E-04	8.38E-06	8.27E-06	1.0737E-03
607187.8	4201248.22	28394.82085	0.09266	0.09618	0.4131	0.43773	0.05616	0.05551	7.14E-04	2.33E-05	2.45E-05	1.68E-04	1.78E-04	8.20E-06	8.09E-06	1.1076E-03
607207.8	4201248.22	27697.66138	0.10041	0.10522	0.48799	0.52184	0.05495	0.05431	6.97E-04	2.52E-05	2.68E-05	1.99E-04	2.12E-04	8.02E-06	7.92E-06	1.1589E-03
607227.8	4201248.22	27024.4462	0.10894	0.11503	0.59095	0.64002	0.05378	0.05314	6.80E-04	2.74E-05	2.93E-05	2.41E-04	2.60E-04	7.85E-06	7.75E-06	1.2365E-03
607247.8	4201248.22	26373.7891	0.11891	0.12616	0.74098	0.81719	0.05264	0.05202	6.63E-04	2.99E-05	3.21E-05	3.02E-04	3.31E-04	7.69E-06	7.58E-06	1.3585E-03
607267.8	4201248.22	25743.61222	0.13127	0.13982	0.98076	1.10993	0.05153	0.05092	6.47E-04	3.30E-05	3.56E-05	3.99E-04	4.50E-04	7.53E-06	7.42E-06	1.5656E-03
607287.8	4201248.22	25136.98998	0.14564	0.156	1.39624	1.64278	0.05045	0.04985	6.32E-04	3.66E-05	3.97E-05	5.69E-04	6.66E-04	7.37E-06	7.27E-06	1.9435E-03
607307.8	4201248.22	24549.94405	0.16239	0.17574	2.25472	2.82471	0.0494	0.04882	6.17E-04	4.08E-05	4.47E-05	9.18E-04	1.15E-03	7.21E-06	7.12E-06	2.7671E-03
606527.8	4201268.22	57888.05394	0.0135	0.01367	0.0556	0.05633	0.12725	0.12671	1.46E-03	3.39E-06	3.48E-06	2.26E-05	2.29E-05	1.86E-05	1.85E-05	1.5081E-03
606547.8	4201268.22	57040.30246	0.01393	0.01411	0.05724	0.05802	0.12399	0.12339	1.43E-03	3.50E-06	3.59E-06	2.33E-05	2.35E-05	1.81E-05	1.80E-05	1.4883E-03
606567.8	4201268.22	56185.07133	0.01439	0.01457	0.059	0.05981	0.12083	0.12017	1.41E-03	3.61E-06	3.71E-06	2.40E-05	2.43E-05	1.76E-05	1.75E-05	1.4685E-03
606587.8	4201268.22	55315.89912	0.01487	0.01506	0.06085	0.0617	0.11775	0.11705	1.39E-03	3.73E-06	3.83E-06	2.48E-05	2.50E-05	1.72E-05	1.71E-05	1.4484E-03
606607.8	4201268.22	54439.20148	0.01539	0.01559	0.06284	0.06374	0.11477	0.11404	1.37E-03	3.87E-06	3.97E-06	2.56E-05	2.59E-05	1.68E-05	1.66E-05	1.4283E-03
606627.8	4201268.22	53545.49811	0.01594	0.01614	0.06494	0.0659	0.11186	0.1111	1.35E-03	4.00E-06	4.11E-06	2.65E-05	2.67E-05	1.63E-05	1.62E-05	1.4078E-03
606647.8	4201268.22	52640.41397	0.01653	0.01674	0.0672	0.06823	0.10903	0.10824	1.32E-03	4.15E-06	4.26E-06	2.74E-05	2.77E-05	1.59E-05	1.58E-05	1.3872E-03
606667.8	4201268.22	51717.13405	0.01715	0.01737	0.0696	0.0707	0.10629	0.10548	1.30E-03	4.31E-06	4.42E-06	2.83E-05	2.87E-05	1.55E-05	1.54E-05	1.3663E-03
606687.8	4201268.22	50765.48468	0.01786	0.01808	0.07229	0.07346	0.10359	0.10277	1.28E-03	4.49E-06	4.60E-06	2.94E-05	2.98E-05	1.51E-05	1.50E-05	1.3449E-03
606707.8	4201268.22	49797.21152	0.0186	0.01882	0.0751	0.07635	0.101	0.10016	1.25E-03	4.67E-06	4.79E-06	3.06E-05	3.10E-05	1.47E-05	1.46E-05	1.3233E-03
606727.8	4201268.22	48802.4997	0.01941	0.01964	0.07818	0.07952	0.09845	0.09761	1.23E-03	4.87E-06	5.00E-06	3.18E-05	3.23E-05	1.44E-05	1.42E-05	1.3012E-03
606747.8	4201268.22	47787.54965	0.02031	0.02054	0.08152	0.08293	0.09598	0.09513	1.20E-03	5.10E-06	5.23E-06	3.32E-05	3.36E-05	1.40E-05	1.39E-05	1.2789E-03
606767.8	4201268.22	46766.39471	0.0212	0.02143	0.08494	0.08644	0.0936	0.09274	1.18E-03	5.32E-06	5.45E-06	3.46E-05	3.51E-05	1.37E-05	1.35E-05	1.2565E-03
606787.8	4201268.22	45727.19952	0.0222	0.02244	0.08869	0.09026	0.09127	0.09041	1.15E-03	5.58E-06	5.71E-06	3.61E-05	3.66E-05	1.33E-05	1.32E-05	1.2339E-03
606807.8	4201268.22	44675.18356	0.02334	0.02358	0.0928	0.09447	0.08901	0.08814	1.12E-03	5.86E-06	6.00E-06	3.78E-05	3.83E-05	1.30E-05	1.28E-05	1.2114E-03
606827.8	4201268.22	43623.51489	0.02456	0.0248	0.09723	0.0992	0.08681	0.08594	1.10E-03	6.17E-06	6.31E-06	3.96E-05	4.02E-05	1.27E-05	1.25E-05	1.1893E-03
606847.8	4201268.22	42575.86953	0.02623	0.02637	0.10229	0.10419	0.08468	0.08381	1.07E-03	6.59E-06	6.71E-06	4.17E-05	4.23E-05	1.24E-05	1.22E-05	1.1679E-03
606867.8	4201268.22	41537.66857	0.0278	0.02803	0.10732	0.10937	0.08261	0.08175	1.04E-03	6.98E-06	7.13E-06	4.37E-05	4.44E-05	1.21E-05	1.19E-05	1.1467E-03
606887.8	4201268.22	40512.06391	0.02944	0.02972	0.11291	0.11512	0.0806	0.07974	1.02E-03	7.39E-06	7.56E-06	4.60E-05	4.67E-05	1.18E-05	1.16E-05	1.1264E-03
606907.8	4201268.22	39504.88463	0.03115	0.03145	0.11917	0.12163	0.07865	0.0778	9.93E-04	7.82E-06	8.00E-06	4.85E-05	4.93E-05	1.15E-05	1.13E-05	1.1071E-03
606927.8	4201268.22	38518.29685	0.03304	0.03332	0.12613	0.12888	0.07676	0.07591	9.69E-04	8.30E-06	8.48E-06	5.14E-05	5.23E-05	1.12E-05	1.11E-05	1.0890E-03
606947.8	4201268.22	37554.2457	0.03513	0.03539	0.13391	0.137	0.07492	0.07409	9.44E-04	8.82E-06	9.00E-06	5.45E-05	5.56E-05	1.09E-05	1.08E-05	1.0723E-03
606967.8	4201268.22	36614.11027	0.03747	0.03771	0.14263	0.14613	0.07314	0.07231	9.21E-04	9.41E-06	9.59E-06	5.81E-05	5.93E-05	1.07E-05	1.05E-05	1.0571E-03
606987.8	4201268.22	35697.2852	0.04013	0.04034	0.15242	0.15642	0.0714	0.07059	8.98E-04	1.01E-05	1.03E-05	6.21E-05	6.35E-05	1.04E-05	1.03E-05	1.0435E-03
607007.8	4201268.22	34800.31664	0.0432	0.04338	0.16384	0.16851	0.06971	0.06891	8.75E-04	1.08E-05	1.10E-05	6.67E-05	6.84E-05	1.02E-05	1.00E-05	1.0321E-03
607027.8	4201268.22	33930.08316	0.04663	0.0468	0.17687	0.18226	0.06807	0.06728	8.53E-04	1.17E-05	1.19E-05	7.20E-05	7.39E-05	9.94E-06	9.81E-06	1.0228E-03
607047.8	4201268.22	33089.72181	0.05034	0.05052	0.19158	0.19786	0.06649	0.06571	8.32E-04	1.26E-05	1.29E-05	7.80E-05	8.03E-05	9.71E-06	9.58E-06	1.0159E-03
607067.8	4201268.22	32271.60541	0.05448	0.05473	0.20872	0.21611	0.06495	0.06418	8.12E-04	1.37E-05	1.39E-05	8.50E-05	8.77E-05	9.48E-06	9.35E-06	1.0118E-03
607087.8	4201268.22	31480.43791	0.05889	0.05929	0.22864	0.23732	0.06347	0.06271	7.92E-04	1.48E-05	1.51E-05	9.31E-05	9.63E-05	9.27E-06	9.14E-06	1.0109E-03
607107.8	4201268.22	30711.78514	0.06363	0.0643	0.2523	0.26265	0.06202	0.06128	7.72E-04	1.60E-05	1.64E-05	1.03E-04	1.07E-04	9.06E-06	8.93E-06	1.0140E-03
607127.8	4201268.22	29962.48147	0.06877	0.06987	0.28122	0.29384	0.06062	0.05988	7.53E-04	1.73E-05	1.78E-05	1.15E-04	1.19E-04	8.85E-06	8.73E-06	1.0222E-03
607147.8	4201268.22	29232.61732	0.07429	0.07602	0.3174	0.33301	0.05925	0.05853	7.35E-04	1.87E-05	1.93E-05	1.29E-04	1.35E-04	8.65E-06	8.53E-06	1.0375E-03
607167.8	4201268.22	28531.80552	0.0796	0.08214	0.36108	0.3808	0.05793	0.05723	7.17E-04	2.00E-05	2.09E-05	1.47E-04	1.54E-04	8.46E-06	8.34E-06	1.0599E-03
607187.8	4201268.22	27849.15478	0.08527	0.08876	0.41782	0.44363	0.05665	0.05596	7.00E-04	2.14E-05	2.26E-05	1.70E-04	1.80E-04	8.27E-06	8.16E-06	1.0945E-03
607207.8	4201268.22	27184.45247	0.09163	0.09608	0.49431	0.52963	0.0554	0.05472	6.84E-04	2.30E-05	2.44E-05	2.01E-04	2.15E-04	8.09E-06	7.98E-06	1.1472E-03
607227.8	4201268.22	26540.85957	0.09881	0.10408	0.59971	0.6508	0.05419	0.05352	6.67E-04	2.48E-05	2.65E-05	2.44E-04	2.64E-04	7.91E-06	7.80E-06	1.2270E-03
607247.8	4201268.22	25919.76289	0.10703	0.11301	0.75095	0.82959	0.05302	0.05237	6.52E-04	2.69E-05	2.88E-05	3.06E-04	3.37E-04	7.74E-06	7.63E-06	1.3498E-03
607267.8	4201268.22	25315.65215	0.11727	0.12423	0.99142	1.12154	0.05188	0.05124	6.37E-04	2.95E-05	3.16E-05	4.04E-04	4.55E-04	7.58E-06	7.47E-06	1.5564E-03
607287.8	4201268.22	24733.56025	0.12866	0.13714	1.40498	1.65468	0.05078	0.05015	6.22E-04	3.23E-05	3.49E-05	5.72E-04	6.71E-04	7.42E-06	7.31E-06	1.9327E-03
607307.8	4201268.22	24171.1412	0.1417	0.15214	2.25491	2.83758	0.04971	0.04909	6.08E-04	3.56E-05	3.87E-05	9.18E-04	1.15E-03	7.26E-06	7.16E-06	2.7516E-03
606527.8	4201288.22	55346.23773	0.0131	0.01326	0.05561	0.05636	0.13232	0.1315	1.39E-03	3.29E-06	3.37E-06	2.27E-05	2.29E-05	1.93E-05	1.92E-05	1.4440E-03
606547.8	4201288.22	54552.52443	0.01354	0.0137	0.0573	0.05809	0.1287	0.12786	1.37E-03	3.40E-06	3.49E-06	2.33E-05	2.36E-05	1.88E-05	1.86E-05	1.4256E-03
606567.8	4201288.22	53749.8736	0.014	0.01417	0.05908	0.05991	0.12523	0.12433	1.35E-03	3.52E-06	3.61E-06	2.41E-05	2.43E-05	1.83E-05	1.81E-05	1.4071E-03
606587.8	4201288.22	52931.30649	0.0145	0.01467	0.061	0.06188	0.12184	0.12092	1.33E-03	3.64E-06	3.73E-06	2.48E-05	2.51E-05	1.78E-05	1.76E-05	1.3884E-03
606607.8	4201288.22	52109.44856	0.01502	0.0152	0.06301	0.06394	0.11858	0.11762	1.31E-03	3.77E-06	3.87E-06	2.57E-05	2.59E-05	1.73E-05	1.71E-05	1.3696E-03
606627.8	4201288.22	51275.79033	0.01556	0.01573	0.0651	0.06609	0.11541	0.11445	1.29E-03	3.91E-06	4.00E-06	2.65E-05	2.68E-05	1.69E-05	1.67E-05	1.3507E-03
606647.8	4201288.22	50434.76436	0.01612	0.0163	0.06733	0.06838	0.11234	0.11137	1.27E-03	4.05E-06	4.15E-06	2.74E-05	2.77E-05	1.64E-05	1.62E-05	1.3316E-03
606667.8	4201288.22	49574.09535	0.01675	0.01693	0.06976	0.07088	0.10936	0.10838	1.25E-03	4.21E-06	4.31E-06	2.84E-05	2.88E-05	1.60E-05	1.58E-05	1.3123E-03
606687.8	4201288.22	48695.81118	0.01742	0.0176	0.07237	0.07358	0.10648	0.10549	1.22E-03	4.37E-06	4.48E-06	2.95E-05	2.98E-05	1.55E-05	1.54E-05	1.2927E-03
606707.8	4201288.22	47794.60205	0.01817	0.01835	0.07525	0.07654	0.10366	0.10267	1.20E-03	4.56E-06	4.67E-06	3.07E-05	3.10E-05	1.51E-05	1.50E-05	1.2728E-03
606727.8	4201288.22	46882.85942	0.01893	0.01912	0.07825	0.07962	0.10095	0.09995	1.18E-03	4.75E-06	4.86E-06	3.19E-05	3.23E-05	1.47E-05	1.46E-05	1.2527E-03
606747.8	4201288.22	45948.93938	0.01979	0.01997	0.08154	0.083	0.09831	0.09731	1.16E-03	4.97E-06	5.08E-06	3.32E-05	3.37E-05	1.44E-05	1.42E-05	1.2324E-03
606767.8	4201288.22	45005.34021	0.02069	0.02087	0.08501	0.08656	0.09576	0.09476	1.13E-03	5.20E-06	5.31E-06	3.46E-05	3.51E-05	1.40E-05	1.38E-05	1.2120E-03
606787.8	4201288.22	44049.95446	0.02165	0.02183	0.08872	0.09035	0.0933	0.0923	1.11E-03	5.44E-06	5.55E-06	3.61E-05	3.67E-05	1.36E-05	1.35E-05	1.1915E-03
606807.8	4201288.22	43085.03792	0.02272	0.0229	0.09275	0.09448	0.0909	0.08991	1.08E-03	5.71E-06	5.83E-06	3.78E-05	3.83E-05	1.33E-05	1.31E-05	1.1711E-03
606827.8	4201288.22	42113.93921	0.0239	0.02408	0.09715	0.09899	0.08857	0.08759	1.06E-03	6.00E-06	6.13E-06	3.96E-05	4.02E-05	1.29E-05	1.28E-05	1.1509E-03
606847.8	4201288.22	41142.05591	0.02551	0.02543	0.10235	0.10447	0.08631	0.08534	1.03E-03	6.41E-06	6.47E-06	4.17E-05	4.24E-05	1.26E-05	1.24E-05	1.1315E-03
606867.8	4201288.22	40180.32147	0.027	0.02717	0.1075	0.10962	0.08413	0.08317	1.01E-03	6.78E-06	6.91E-06	4.38E-05	4.45E-05	1.23E-05	1.21E-05	1.1124E-03
606887.8	4201288.22	39227.73622	0.02857	0.02877	0.11309	0.11541	0.08202	0.08106	9.86E-04	7.18E-06	7.32E-06	4.61E-05	4.68E-05	1.20E-05	1.18E-05	1.0938E-03
606907.8	4201288.22	38286.92351	0.03027	0.03048	0.1193	0.12181	0.07996	0.07902	9.63E-04	7.60E-06	7.75E-06	4.86E-05	4.94E-05	1.17E-05	1.15E-05	1.0762E-03
606927.8	4201288.22	37363.82174	0.03213	0.03232	0.12631	0.12912	0.07797	0.07704	9.40E-04	8.07E-06	8.22E-06	5.14E-05	5.24E-05	1.14E-05	1.12E-05	1.0597E-03
606947.8	4201288.22	36460.18446	0.0342	0.03435	0.13415	0.13731	0.07604	0.07513	9.17E-04	8.59E-06	8.74E-06	5.46E-05	5.57E-05	1.11E-05	1.10E-05	1.0445E-03
606967.8	4201288.22	35579.70799	0.03648	0.03661	0.1428	0.14637	0.07418	0.07328	8.95E-04	9.16E-06	9.31E-06	5.82E-05	5.94E-05	1.08E-05	1.07E-05	1.0307E-03
606987.8	4201288.22	34718.30434	0.03907	0.03916	0.15272	0.15685	0.07237	0.07148	8.73E-04	9.81E-06	9.96E-06	6.22E-05	6.36E-05	1.06E-05	1.04E-05	1.0187E-03
607007.8	4201288.22	33875.47815	0.04203	0.04209	0.1642	0.16896	0.07061	0.06973	8.52E-04	1.06E-05	1.07E-05	6.69E-05	6.85E-05	1.03E-05	1.02E-05	1.0085E-03
607027.8	4201288.22	33057.65396	0.04527	0.04534	0.17727	0.18281	0.0689	0.06804	8.31E-04	1.14E-05	1.15E-05	7.22E-05	7.42E-05	1.01E-05	9.92E-06	1.0006E-03
607047.8	4201288.22	32266.45464	0.04874	0.04886	0.1921	0.19853	0.06726	0.06642	8.11E-04	1.22E-05	1.24E-05	7.82E-05	8.05E-05	9.82E-06	9.68E-06	9.9485E-04
607067.8	4201288.22	31496.07397	0.05252	0.05275	0.20939	0.21696	0.06567	0.06484	7.92E-04	1.32E-05	1.34E-05	8.53E-05	8.80E-05	9.59E-06	9.45E-06	9.9193E-04
607087.8	4201288.22	30747.41327	0.05654	0.05698	0.22969	0.23869	0.06412	0.06331	7.73E-04	1.42E-05	1.45E-05	9.36E-05	9.68E-05	9.36E-06	9.23E-06	9.9227E-04
607107.8	4201288.22	30021.40233	0.0607	0.06146	0.25367	0.26451	0.06263	0.06183	7.55E-04	1.52E-05	1.56E-05	1.03E-04	1.07E-04	9.15E-06	9.01E-06	9.9644E-04
607127.8	4201288.22	29310.07201	0.0652	0.06644	0.28345	0.29666	0.06117	0.06039	7.37E-04	1.64E-05	1.69E-05	1.15E-04	1.20E-04	8.93E-06	8.80E-06	1.0061E-03
607147.8	4201288.22	28618.72322	0.06983	0.07172	0.32028	0.33677	0.05976	0.05899	7.20E-04	1.75E-05	1.82E-05	1.30E-04	1.37E-04	8.73E-06	8.60E-06	1.0225E-03
607167.8	4201288.22	27951.60524	0.07433	0.07696	0.36549	0.38646	0.0584	0.05765	7.03E-04	1.87E-05	1.96E-05	1.49E-04	1.57E-04	8.53E-06	8.40E-06	1.0468E-03
607187.8	4201288.22	27305.65772	0.07884	0.0822	0.42267	0.44996	0.05708	0.05635	6.87E-04	1.98E-05	2.09E-05	1.72E-04	1.83E-04	8.34E-06	8.21E-06	1.0820E-03
607207.8	4201288.22	26674.92318	0.08401	0.088	0.49968	0.53676	0.0558	0.05508	6.71E-04	2.11E-05	2.24E-05	2.04E-04	2.18E-04	8.15E-06	8.03E-06	1.1355E-03
607227.8	4201288.22	26059.69848	0.09031	0.0948	0.60809	0.66023	0.05456	0.05385	6.55E-04	2.27E-05	2.41E-05	2.48E-04	2.68E-04	7.97E-06	7.85E-06	1.2176E-03
607247.8	4201288.22	25465.75789	0.09736	0.10242	0.76149	0.83973	0.05335	0.05266	6.40E-04	2.45E-05	2.61E-05	3.10E-04	3.41E-04	7.79E-06	7.68E-06	1.3417E-03
607267.8	4201288.22	24891.09916	0.10543	0.11128	0.9991	1.12983	0.05219	0.05152	6.26E-04	2.65E-05	2.83E-05	4.07E-04	4.58E-04	7.62E-06	7.51E-06	1.5460E-03
607287.8	4201288.22	24332.79017	0.11476	0.12172	1.41168	1.66418	0.05106	0.0504	6.12E-04	2.88E-05	3.10E-05	5.75E-04	6.75E-04	7.46E-06	7.35E-06	1.9217E-03
607307.8	4201288.22	23792.69769	0.12528	0.13368	2.25161	2.84877	0.04997	0.04932	5.98E-04	3.15E-05	3.40E-05	9.17E-04	1.16E-03	7.30E-06	7.19E-06	2.7365E-03

606527.8	4201308.22	52989.82844	0.01275	0.0129	0.05564	0.05641	0.13724	0.13615	1.33E-03	3.20E-06	3.28E-06	2.27E-05	2.29E-05	2.00E-05	1.98E-05	1.3846E-03
606547.8	4201308.22	52246.56561	0.01319	0.01333	0.05734	0.05815	0.13328	0.13217	1.31E-03	3.31E-06	3.39E-06	2.34E-05	2.36E-05	1.95E-05	1.93E-05	1.3675E-03
606567.8	4201308.22	51488.57357	0.01367	0.01382	0.05922	0.06007	0.12946	0.12832	1.29E-03	3.43E-06	3.52E-06	2.41E-05	2.44E-05	1.89E-05	1.87E-05	1.3502E-03
606587.8	4201308.22	50718.59762	0.01419	0.01434	0.06119	0.06209	0.12579	0.12462	1.28E-03	3.56E-06	3.65E-06	2.49E-05	2.52E-05	1.84E-05	1.82E-05	1.3327E-03
606607.8	4201308.22	49952.50461	0.01469	0.01484	0.06316	0.06412	0.12225	0.12108	1.26E-03	3.69E-06	3.78E-06	2.57E-05	2.60E-05	1.79E-05	1.76E-05	1.3153E-03
606627.8	4201308.22	49166.76446	0.01525	0.0154	0.06534	0.06635	0.11881	0.11764	1.24E-03	3.83E-06	3.92E-06	2.66E-05	2.69E-05	1.74E-05	1.71E-05	1.2977E-03
606647.8	4201308.22	48380.16182	0.01582	0.01597	0.06758	0.06866	0.1155	0.11433	1.22E-03	3.97E-06	4.06E-06	2.75E-05	2.79E-05	1.69E-05	1.67E-05	1.2800E-03
606667.8	4201308.22	47583.14379	0.01641	0.01656	0.06994	0.07109	0.11231	0.11113	1.20E-03	4.12E-06	4.21E-06	2.85E-05	2.88E-05	1.64E-05	1.62E-05	1.2622E-03
606687.8	4201308.22	46770.20399	0.01705	0.0172	0.07249	0.07372	0.10921	0.10804	1.18E-03	4.28E-06	4.38E-06	2.95E-05	2.99E-05	1.59E-05	1.57E-05	1.2442E-03
606707.8	4201308.22	45938.79566	0.01776	0.01791	0.07529	0.07661	0.10622	0.10505	1.16E-03	4.46E-06	4.56E-06	3.07E-05	3.11E-05	1.55E-05	1.53E-05	1.2260E-03
606727.8	4201308.22	45093.60996	0.01852	0.01866	0.07828	0.07969	0.10332	0.10216	1.13E-03	4.65E-06	4.75E-06	3.19E-05	3.23E-05	1.51E-05	1.49E-05	1.2076E-03
606747.8	4201308.22	44227.5107	0.01937	0.01952	0.08159	0.08309	0.10051	0.09936	1.11E-03	4.86E-06	4.97E-06	3.32E-05	3.37E-05	1.47E-05	1.45E-05	1.1889E-03
606767.8	4201308.22	43357.16402	0.02024	0.02038	0.08502	0.08661	0.09781	0.09667	1.09E-03	5.08E-06	5.19E-06	3.46E-05	3.51E-05	1.43E-05	1.41E-05	1.1703E-03
606787.8	4201308.22	42475.98326	0.02118	0.02131	0.08869	0.09037	0.0952	0.09407	1.07E-03	5.32E-06	5.42E-06	3.61E-05	3.67E-05	1.39E-05	1.37E-05	1.1517E-03
606807.8	4201308.22	41586.94965	0.02219	0.02232	0.09265	0.09444	0.09267	0.09156	1.05E-03	5.57E-06	5.68E-06	3.77E-05	3.83E-05	1.35E-05	1.33E-05	1.1331E-03
606827.8	4201308.22	40686.54817	0.02335	0.02347	0.09707	0.09897	0.09022	0.08912	1.02E-03	5.86E-06	5.97E-06	3.95E-05	4.01E-05	1.32E-05	1.30E-05	1.1147E-03
606847.8	4201308.22	39788.50074	0.02462	0.02473	0.10209	0.1044	0.08784	0.08676	1.00E-03	6.18E-06	6.29E-06	4.16E-05	4.23E-05	1.28E-05	1.26E-05	1.0970E-03
606867.8	4201308.22	38892.56869	0.02633	0.02643	0.10761	0.10976	0.08555	0.08448	9.78E-04	6.61E-06	6.72E-06	4.38E-05	4.45E-05	1.25E-05	1.23E-05	1.0797E-03
606887.8	4201308.22	38006.8643	0.02781	0.02794	0.11314	0.11546	0.08333	0.08228	9.56E-04	6.98E-06	7.11E-06	4.61E-05	4.68E-05	1.22E-05	1.20E-05	1.0628E-03
606907.8	4201308.22	37129.25556	0.02949	0.02962	0.11924	0.1218	0.08118	0.08015	9.34E-04	7.41E-06	7.54E-06	4.86E-05	4.94E-05	1.19E-05	1.17E-05	1.0466E-03
606927.8	4201308.22	36266.39123	0.03131	0.0314	0.1262	0.12906	0.0791	0.07809	9.12E-04	7.86E-06	7.99E-06	5.14E-05	5.24E-05	1.16E-05	1.14E-05	1.0316E-03
606947.8	4201308.22	35416.60888	0.03336	0.03342	0.13407	0.13732	0.07708	0.07609	8.91E-04	8.38E-06	8.50E-06	5.46E-05	5.57E-05	1.13E-05	1.11E-05	1.0178E-03
606967.8	4201308.22	34590.75302	0.03558	0.03561	0.14273	0.14635	0.07514	0.07416	8.70E-04	8.94E-06	9.06E-06	5.81E-05	5.94E-05	1.10E-05	1.08E-05	1.0053E-03
606987.8	4201308.22	33776.91347	0.03814	0.03815	0.15277	0.15694	0.07325	0.07229	8.49E-04	9.58E-06	9.71E-06	6.22E-05	6.37E-05	1.07E-05	1.05E-05	9.9455E-04
607007.8	4201308.22	32985.06689	0.04095	0.04094	0.16423	0.16903	0.07142	0.07048	8.29E-04	1.03E-05	1.04E-05	6.69E-05	6.86E-05	1.04E-05	1.03E-05	9.8563E-04
607027.8	4201308.22	32215.39909	0.04399	0.04401	0.17722	0.18282	0.06966	0.06873	8.10E-04	1.10E-05	1.12E-05	7.22E-05	7.42E-05	1.02E-05	1.00E-05	9.7870E-04
607047.8	4201308.22	31470.15759	0.04718	0.04728	0.19205	0.19855	0.06796	0.06705	7.91E-04	1.18E-05	1.20E-05	7.82E-05	8.05E-05	9.92E-06	9.77E-06	9.7402E-04
607067.8	4201308.22	30741.38136	0.05063	0.0509	0.20959	0.21719	0.06631	0.06542	7.73E-04	1.27E-05	1.30E-05	8.54E-05	8.81E-05	9.68E-06	9.54E-06	9.7218E-04
607087.8	4201308.22	30033.43263	0.05421	0.05474	0.2301	0.23926	0.06471	0.06384	7.55E-04	1.36E-05	1.39E-05	9.37E-05	9.71E-05	9.45E-06	9.31E-06	9.7356E-04
607107.8	4201308.22	29341.43703	0.05798	0.05888	0.25498	0.2661	0.06316	0.06231	7.38E-04	1.46E-05	1.50E-05	1.04E-04	1.08E-04	9.22E-06	9.08E-06	9.7918E-04
607127.8	4201308.22	28670.5142	0.06171	0.06311	0.2848	0.29851	0.06166	0.06083	7.21E-04	1.55E-05	1.61E-05	1.16E-04	1.21E-04	9.00E-06	8.87E-06	9.8962E-04
607147.8	4201308.22	28014.78269	0.06559	0.06759	0.32225	0.33948	0.06021	0.0594	7.04E-04	1.65E-05	1.72E-05	1.31E-04	1.38E-04	8.79E-06	8.66E-06	1.0071E-03
607167.8	4201308.22	27377.36643	0.06957	0.07219	0.36946	0.3914	0.0588	0.05801	6.88E-04	1.75E-05	1.84E-05	1.50E-04	1.59E-04	8.59E-06	8.46E-06	1.0335E-03
607187.8	4201308.22	26764.64532	0.07334	0.07647	0.42761	0.4563	0.05745	0.05668	6.73E-04	1.84E-05	1.95E-05	1.74E-04	1.85E-04	8.39E-06	8.26E-06	1.0702E-03
607207.8	4201308.22	26166.58742	0.07769	0.0812	0.50504	0.54345	0.05614	0.05538	6.58E-04	1.95E-05	2.07E-05	2.06E-04	2.20E-04	8.20E-06	8.07E-06	1.1243E-03
607227.8	4201308.22	25581.48815	0.08284	0.08675	0.61169	0.66554	0.05487	0.05413	6.43E-04	2.08E-05	2.21E-05	2.49E-04	2.70E-04	8.01E-06	7.89E-06	1.2053E-03
607247.8	4201308.22	25014.88569	0.08878	0.09309	0.76579	0.84623	0.05364	0.05291	6.29E-04	2.23E-05	2.37E-05	3.12E-04	3.43E-04	7.83E-06	7.71E-06	1.3302E-03
607267.8	4201308.22	24466.15686	0.09557	0.10049	1.00584	1.13766	0.05245	0.05174	6.15E-04	2.40E-05	2.56E-05	4.10E-04	4.61E-04	7.66E-06	7.54E-06	1.5360E-03
607287.8	4201308.22	23933.18899	0.10327	0.10905	1.42235	1.67258	0.0513	0.0506	6.02E-04	2.59E-05	2.77E-05	5.79E-04	6.78E-04	7.49E-06	7.38E-06	1.9133E-03
607307.8	4201308.22	23416.1193	0.11189	0.11877	2.26925	2.85812	0.05018	0.04951	5.89E-04	2.81E-05	3.02E-05	9.24E-04	1.16E-03	7.33E-06	7.22E-06	2.7308E-03
606527.8	4201328.22	50796.01254	0.01245	0.01257	0.0557	0.05649	0.142	0.14062	1.28E-03	3.13E-06	3.20E-06	2.27E-05	2.29E-05	2.07E-05	2.05E-05	1.3293E-03
606547.8	4201328.22	50096.57677	0.01289	0.01302	0.05746	0.05829	0.13768	0.13631	1.26E-03	3.24E-06	3.31E-06	2.34E-05	2.36E-05	2.01E-05	1.99E-05	1.3134E-03
606567.8	4201328.22	49383.74664	0.01339	0.01352	0.05938	0.06026	0.13355	0.13215	1.24E-03	3.36E-06	3.44E-06	2.42E-05	2.44E-05	1.95E-05	1.93E-05	1.2973E-03
606587.8	4201328.22	48653.39935	0.01394	0.01407	0.06147	0.06239	0.12955	0.12815	1.22E-03	3.50E-06	3.58E-06	2.50E-05	2.53E-05	1.89E-05	1.87E-05	1.2809E-03
606607.8	4201328.22	47921.54507	0.01451	0.01464	0.06362	0.06459	0.12569	0.1243	1.21E-03	3.64E-06	3.72E-06	2.59E-05	2.62E-05	1.84E-05	1.81E-05	1.2646E-03
606627.8	4201328.22	47187.4174	0.01506	0.01519	0.06577	0.0668	0.122	0.12061	1.19E-03	3.78E-06	3.86E-06	2.68E-05	2.71E-05	1.78E-05	1.76E-05	1.2481E-03
606647.8	4201328.22	46459.40334	0.0156	0.01572	0.06794	0.06904	0.11846	0.11709	1.17E-03	3.92E-06	4.00E-06	2.77E-05	2.80E-05	1.73E-05	1.71E-05	1.2319E-03
606667.8	4201328.22	45720.32219	0.01617	0.01629	0.07025	0.07142	0.11506	0.1137	1.15E-03	4.06E-06	4.14E-06	2.86E-05	2.90E-05	1.68E-05	1.66E-05	1.2155E-03
606687.8	4201328.22	44968.52934	0.01677	0.01689	0.07273	0.07398	0.11178	0.11044	1.13E-03	4.21E-06	4.30E-06	2.96E-05	3.00E-05	1.63E-05	1.61E-05	1.1990E-03
606707.8	4201328.22	44207.13161	0.01741	0.01752	0.07533	0.07667	0.10863	0.1073	1.11E-03	4.37E-06	4.46E-06	3.07E-05	3.11E-05	1.59E-05	1.56E-05	1.1823E-03
606727.8	4201328.22	43422.24791	0.01816	0.01826	0.0783	0.07974	0.10555	0.10424	1.09E-03	4.56E-06	4.65E-06	3.19E-05	3.23E-05	1.54E-05	1.52E-05	1.1654E-03
606747.8	4201328.22	42623.25466	0.01897	0.01907	0.08151	0.08304	0.10259	0.1013	1.07E-03	4.76E-06	4.85E-06	3.32E-05	3.37E-05	1.50E-05	1.48E-05	1.1483E-03
606767.8	4201328.22	41810.0245	0.01987	0.01997	0.08504	0.08666	0.09972	0.09845	1.05E-03	4.99E-06	5.08E-06	3.46E-05	3.52E-05	1.46E-05	1.43E-05	1.1312E-03
606787.8	4201328.22	40991.04889	0.0208	0.02089	0.08873	0.09046	0.09696	0.09571	1.03E-03	5.22E-06	5.31E-06	3.61E-05	3.67E-05	1.42E-05	1.40E-05	1.1142E-03
606807.8	4201328.22	40168.72803	0.02179	0.02187	0.09265	0.09448	0.09431	0.09308	1.01E-03	5.47E-06	5.56E-06	3.77E-05	3.83E-05	1.38E-05	1.36E-05	1.0972E-03
606827.8	4201328.22	39338.3968	0.02288	0.02295	0.09694	0.09893	0.09174	0.09053	9.89E-04	5.75E-06	5.84E-06	3.95E-05	4.01E-05	1.34E-05	1.32E-05	1.0804E-03
606847.8	4201328.22	38504.28695	0.02411	0.02417	0.10191	0.10429	0.08926	0.08807	9.68E-04	6.06E-06	6.15E-06	4.15E-05	4.23E-05	1.30E-05	1.28E-05	1.0643E-03
606867.8	4201328.22	37671.9849	0.02571	0.02574	0.10746	0.10968	0.08686	0.08569	9.47E-04	6.46E-06	6.55E-06	4.38E-05	4.45E-05	1.27E-05	1.25E-05	1.0486E-03
606887.8	4201328.22	36843.9159	0.0272	0.02727	0.11306	0.11544	0.08454	0.08339	9.27E-04	6.83E-06	6.94E-06	4.61E-05	4.68E-05	1.23E-05	1.22E-05	1.0332E-03
606907.8	4201328.22	36026.34236	0.02883	0.02886	0.11913	0.12173	0.0823	0.08118	9.06E-04	7.24E-06	7.34E-06	4.85E-05	4.94E-05	1.20E-05	1.18E-05	1.0184E-03
606927.8	4201328.22	35218.30183	0.03061	0.03061	0.12598	0.12886	0.08014	0.07904	8.86E-04	7.69E-06	7.79E-06	5.13E-05	5.23E-05	1.17E-05	1.15E-05	1.0047E-03
606947.8	4201328.22	34422.36825	0.0326	0.03258	0.13377	0.137	0.07804	0.07696	8.66E-04	8.19E-06	8.29E-06	5.45E-05	5.56E-05	1.14E-05	1.12E-05	9.9215E-04
606967.8	4201328.22	33641.97697	0.0348	0.03475	0.14243	0.14612	0.07602	0.07496	8.46E-04	8.74E-06	8.84E-06	5.80E-05	5.93E-05	1.11E-05	1.09E-05	9.8085E-04
606987.8	4201328.22	32879.16098	0.03721	0.03716	0.15239	0.15657	0.07406	0.07303	8.27E-04	9.35E-06	9.45E-06	6.21E-05	6.35E-05	1.08E-05	1.06E-05	9.7119E-04
607007.8	4201328.22	32131.5553	0.03988	0.03984	0.16379	0.16859	0.07217	0.07116	8.08E-04	1.00E-05	1.01E-05	6.67E-05	6.84E-05	1.05E-05	1.04E-05	9.6326E-04
607027.8	4201328.22	31402.51103	0.04275	0.04277	0.17685	0.18242	0.07034	0.06935	7.90E-04	1.07E-05	1.09E-05	7.20E-05	7.40E-05	1.03E-05	1.01E-05	9.5732E-04
607047.8	4201328.22	30700.42439	0.04563	0.04577	0.19152	0.19799	0.06859	0.06762	7.72E-04	1.15E-05	1.16E-05	7.80E-05	8.03E-05	1.00E-05	9.86E-06	9.5344E-04
607067.8	4201328.22	30011.2404	0.04871	0.04906	0.20906	0.21661	0.06688	0.06594	7.55E-04	1.22E-05	1.25E-05	8.52E-05	8.79E-05	9.77E-06	9.61E-06	9.5242E-04
607087.8	4201328.22	29336.34107	0.05195	0.0526	0.23008	0.23923	0.06523	0.06431	7.38E-04	1.30E-05	1.34E-05	9.37E-05	9.70E-05	9.53E-06	9.37E-06	9.5490E-04
607107.8	4201328.22	28680.65049	0.05518	0.05623	0.25517	0.2664	0.06363	0.06273	7.21E-04	1.39E-05	1.43E-05	1.04E-04	1.08E-04	9.29E-06	9.14E-06	9.6139E-04
607127.8	4201328.22	28039.0498	0.05852	0.06006	0.28624	0.30028	0.06208	0.0612	7.05E-04	1.47E-05	1.53E-05	1.17E-04	1.22E-04	9.07E-06	8.92E-06	9.7347E-04
607147.8	4201328.22	27414.45181	0.06182	0.06393	0.32419	0.34159	0.06058	0.05973	6.89E-04	1.55E-05	1.63E-05	1.32E-04	1.39E-04	8.85E-06	8.71E-06	9.9179E-04
607167.8	4201328.22	26808.06443	0.06493	0.06751	0.37016	0.39253	0.05914	0.0583	6.74E-04	1.63E-05	1.72E-05	1.51E-04	1.59E-04	8.64E-06	8.50E-06	1.0176E-03
607187.8	4201328.22	26227.34356	0.06815	0.07106	0.42831	0.45782	0.05776	0.05694	6.60E-04	1.71E-05	1.81E-05	1.74E-04	1.86E-04	8.43E-06	8.30E-06	1.0549E-03
607207.8	4201328.22	25662.1753	0.07184	0.07496	0.50495	0.5451	0.05642	0.05563	6.45E-04	1.80E-05	1.91E-05	2.06E-04	2.21E-04	8.24E-06	8.11E-06	1.1092E-03
607227.8	4201328.22	25107.33104	0.07625	0.07957	0.61066	0.66734	0.05513	0.05435	6.31E-04	1.91E-05	2.02E-05	2.49E-04	2.71E-04	8.05E-06	7.92E-06	1.1902E-03
607247.8	4201328.22	24568.05127	0.08136	0.08502	0.76392	0.84844	0.05387	0.05312	6.18E-04	2.04E-05	2.16E-05	3.11E-04	3.44E-04	7.87E-06	7.74E-06	1.3152E-03
607267.8	4201328.22	24043.62376	0.08714	0.09133	1.00369	1.14056	0.05266	0.05192	6.05E-04	2.19E-05	2.32E-05	4.09E-04	4.63E-04	7.69E-06	7.57E-06	1.5212E-03
607287.8	4201328.22	23536.9656	0.0936	0.09844	1.42281	1.67688	0.05149	0.05077	5.92E-04	2.35E-05	2.50E-05	5.80E-04	6.80E-04	7.52E-06	7.40E-06	1.9002E-03
607307.8	4201328.22	23041.53433	0.10081	0.1065	2.28533	2.86435	0.05035	0.04965	5.79E-04	2.53E-05	2.71E-05	9.31E-04	1.16E-03	7.35E-06	7.24E-06	2.7246E-03
606527.8	4201348.22	48745.46806	0.01219	0.0123	0.05583	0.05664	0.14657	0.1449	1.23E-03	3.06E-06	3.13E-06	2.27E-05	2.30E-05	2.14E-05	2.11E-05	1.2777E-03
606547.8	4201348.22	48079.83078	0.01269	0.0128	0.05776	0.05861	0.1419	0.14022	1.21E-03	3.19E-06	3.26E-06	2.35E-05	2.38E-05	2.07E-05	2.04E-05	1.2628E-03
606567.8	4201348.22	47396.21519	0.01325	0.01336	0.05986	0.06075	0.13739	0.13574	1.19E-03	3.33E-06	3.40E-06	2.44E-05	2.46E-05	2.01E-05	1.98E-05	1.2476E-03
606587.8	4201348.22	46707.73727	0.01381	0.01392	0.06196	0.0629	0.13307	0.13143	1.17E-03	3.47E-06	3.54E-06	2.52E-05	2.55E-05	1.94E-05	1.92E-05	1.2323E-03
606607.8	4201348.22	46020.01089	0.01438	0.01449	0.0641	0.06509	0.12892	0.12731	1.16E-03	3.61E-06	3.69E-06	2.61E-05	2.64E-05	1.88E-05	1.86E-05	1.2171E-03
606627.8	4201348.22	45336.98364	0.01492	0.01502	0.06622	0.06728	0.12499	0.1234	1.14E-03	3.75E-06	3.82E-06	2.70E-05	2.73E-05	1.83E-05	1.80E-05	1.2019E-03
606647.8	4201348.22	44659.49262	0.01544	0.01555	0.06837	0.06949	0.12124	0.11967	1.12E-03	3.88E-06	3.96E-06	2.78E-05	2.82E-05	1.77E-05	1.74E-05	1.1869E-03
606667.8	4201348.22	43972.79474	0.016	0.0161	0.07065	0.07185	0.11764	0.11609	1.11E-03	4.02E-06	4.10E-06	2.88E-05	2.91E-05	1.72E-05	1.69E-05	1.1718E-03
606687.8	4201348.22	43274.13587	0.0166	0.01669	0.0731	0.07438	0.11416	0.11264	1.09E-03	4.17E-06	4.25E-06	2.98E-05	3.02E-05	1.67E-05	1.64E-05	1.1566E-03
606707.8	4201348.22	42571.4451	0.0172	0.01728	0.07563	0.07699	0.11084	0.10935	1.07E-03	4.32E-06	4.40E-06	3.08E-05	3.12E-05	1.62E-05	1.59E-05	1.1413E-03
606727.8	4201348.22	41853.33624	0.01787	0.01794	0.07838	0.07984	0.10763	0.10617	1.05E-03	4.49E-06	4.56E-06	3.19E-05	3.24E-05	1.57E-05	1.55E-05	1.1258E-03
606747.8	4201348.22	41118.90725	0.01861	0.01868	0.08142	0.08298	0.10453	0.10309	1.03E-03	4.67E-06	4.75E-06	3.32E-05	3.37E-05	1.53E-05	1.50E-05	1.1103E-03
606767.8	4201348.22	40361.91255	0.0195	0.01957	0.08494	0.0866	0.10151	0.1001	1.01E-03	4.90E-06	4.98E-06	3.46E-05	3.51E-05	1.48E-05	1.46E-05	1.0946E-03
606787.8	4201348.22	39598.64987	0.02044	0.02049	0.08867	0.09043	0.09861	0.09723	9.96E-04	5.13E-06	5.21E-06	3.61E-05	3.67E-05	1.44E-05	1.42E-05	1.0789E-03
606807.8	4201348.22	38825.84019	0.02149	0.02153	0.09296	0.0951	0.09581	0.09446	9.76E-04	5.40E-06	5.48E-06	3.79E-05	3.86E-05	1.40E-05	1.38E-05	1.0637E-03
606827.8	4201348.22	38058.33762	0.02253	0.02256	0.09714	0.09941	0.09314	0.09181	9.57E-04	5.66E-06	5.74E-06	3.96E-05	4.03E-05	1.36E-05	1.34E-05	1.0483E-03
606847.8	4201348.22	37286.46124	0.02384	0.02371	0.1018	0.1042	0.09055	0.08926	9.38E-04	5.99E-06	6.03E-06	4.15E-05	4.23E-05	1.32E-05	1.30E-05	1.0334E-03
606867.8	4201348.22	36510.95075	0.02522	0.02522	0.10725	0.1095	0.08805	0.08678	9.18E-04	6.33E-06	6.42E-06	4.37E-05	4.44E-05	1.29E-05	1.26E-05	1.0190E-03
606887.8	4201348.22	35738.63722	0.02666	0.02666	0.11285	0.11528	0.08564	0.0844	8.99E-04	6.70E-06	6.78E-06	4.60E-05	4.68E-05	1.25E-05	1.23E-05	1.0049E-03
606907.8	4201348.22	34974.31527	0.02825	0.02822	0.11889	0.12153	0.08332	0.08211	8.79E-04	7.09E-06	7.18E-06	4.84E-05	4.93E-05	1.22E-05	1.20E-05	9.9149E-04
606927.8	4201348.22	34217.31613	0.03	0.02994	0.12572	0.12863	0.08107	0.07989	8.60E-04	7.53E-06	7.62E-06	5.12E-05	5.22E-05	1.18E-05	1.16E-05	9.7899E-04
606947.8	4201348.22	33471.6389	0.03192	0.03183	0.13336	0.1366	0.07891	0.07775	8.42E-04	8.02E-06	8.10E-06	5.43E-05	5.54E-05	1.15E-05	1.13E-05	9.6755E-04
606967.8	4201348.22	32737.73717	0.03403	0.03394	0.14196	0.14567	0.07681	0.07569	8.23E-04	8.55E-06	8.64E-06	5.78E-05	5.91E-05	1.12E-05	1.10E-05	9.5734E-04
606987.8	4201348.22	32020.59492	0.0363	0.03622	0.15161	0.15573	0.0748	0.0737	8.05E-04	9.12E-06	9.22E-06	6.18E-05	6.32E-05	1.09E-05	1.07E-05	9.4847E-04
607007.8	4201348.22	31316.3862	0.03876	0.03873	0.16282	0.16757	0.07284	0.07177	7.88E-04	9.73E-06	9.85E-06	6.63E-05	6.80E-05	1.06E-05	1.05E-05	9.4139E-04
607027.8	4201348.22	30620.72517	0.04148	0.04154	0.17606	0.18158	0.07094	0.0699	7.70E-04	1.04E-05	1.06E-05	7.17E-05	7.37E-05	1.04E-05	1.02E-05	9.3637E-04
607047.8	4201348.22	29952.24241	0.04414	0.04437	0.19085	0.19724	0.06913	0.06811	7.53E-04	1.11E-05	1.13E-05	7.77E-05	8.00E-05	1.01E-05	9.93E-06	9.3332E-04
607067.8	4201348.22	29293.14334	0.04699	0.04746	0.20884	0.21633	0.06736	0.06637	7.37E-04	1.18E-05	1.21E-05	8.51E-05	8.78E-05	9.84E-06	9.67E-06	9.3332E-04
607087.8	4201348.22	28653.00413	0.04982	0.05061	0.23002	0.23917	0.06566	0.0647	7.21E-04	1.25E-05	1.29E-05	9.37E-05	9.70E-05	9.59E-06	9.43E-06	9.3663E-04
607107.8	4201348.22	28029.70572	0.05263	0.05382	0.25556	0.26683	0.06402	0.06308	7.05E-04	1.32E-05	1.37E-05	1.04E-04	1.08E-04	9.35E-06	9.19E-06	9.4410E-04
607127.8	4201348.22	27417.79748	0.05542	0.05709	0.28654	0.30036	0.06243	0.06151	6.89E-04	1.39E-05	1.45E-05	1.17E-04	1.22E-04	9.12E-06	8.97E-06	9.5646E-04
607147.8	4201348.22	26826.72893	0.05793	0.06	0.32315	0.34048	0.0609	0.06	6.75E-04	1.45E-05	1.53E-05	1.32E-04	1.38E-04	8.89E-06	8.75E-06	9.7416E-04
607167.8	4201348.22	26253.02684	0.06049	0.06286	0.36845	0.3908	0.05942	0.05855	6.60E-04	1.52E-05	1.60E-05	1.50E-04	1.59E-04	8.68E-06	8.53E-06	9.9997E-04
607187.8	4201348.22	25699.15186	0.06332	0.06588	0.42602	0.45569	0.05801	0.05716	6.46E-04	1.59E-05	1.68E-05	1.74E-04	1.85E-04	8.47E-06	8.33E-06	1.0373E-03
607207.8	4201348.22	25163.58873	0.0666	0.06928	0.5016	0.54242	0.05665	0.05583	6.33E-04	1.67E-05	1.76E-05	2.04E-04	2.20E-04	8.27E-06	8.14E-06	1.0915E-03
607227.8	4201348.22	24638.32752	0.07048	0.07331	0.60518	0.66373	0.05533	0.05453	6.20E-04	1.77E-05	1.87E-05	2.46E-04	2.69E-04	8.08E-06	7.95E-06	1.1717E-03
607247.8	4201348.22	24124.44732	0.07492	0.07805	0.75487	0.84369	0.05406	0.05327	6.07E-04	1.88E-05	1.99E-05	3.07E-04	3.42E-04	7.89E-06	7.76E-06	1.2950E-03
607267.8	4201348.22	23625.52907	0.07989	0.08345	0.98814	1.13428	0.05282	0.05206	5.94E-04	2.01E-05	2.12E-05	4.02E-04	4.60E-04	7.71E-06	7.59E-06	1.4980E-03
607287.8	4201348.22	23143.01113	0.08538	0.08949	1.39543	1.6688	0.05164	0.05089	5.82E-04	2.14E-05	2.28E-05	5.68E-04	6.77E-04	7.54E-06	7.42E-06	1.8715E-03
607307.8	4201348.22	22669.62098	0.09148	0.09625	2.23712	2.85457	0.05048	0.04976	5.70E-04	2.30E-05	2.45E-05	9.11E-04	1.16E-03	7.37E-06	7.25E-06	2.6867E-03
606527.8	4201368.22	46806.8626	0.01208	0.01217	0.0563	0.05714	0.15086	0.14887	1.18E-03	3.03E-06	3.10E-06	2.29E-05	2.32E-05	2.20E-05	2.17E-05	1.2293E-03
606547.8	4201368.22	46159.07142	0.01266	0.01275	0.05846	0.05933	0.14578	0.14383	1.16E-03	3.18E-06	3.24E-06	2.38E-05	2.41E-05	2.13E-05	2.10E-05	1.2151E-03
606567.8	4201368.22	45517.0695	0.0132	0.01329	0.06049	0.0614	0.14094	0.13902	1.14E-03	3.32E-06	3.38E-06	2.46E-05	2.49E-05	2.06E-05	2.03E-05	1.2008E-03
606587.8	4201368.22	44881.29011	0.01372	0.01381	0.06246	0.06349	0.13635	0.13448	1.13E-03	3.45E-06	3.51E-06	2.54E-05	2.58E-05	1.99E-05	1.96E-05	1.1868E-03
606607.8	4201368.22	44244.57904	0.01451	0.01458	0.06489	0.06589	0.13198	0.13014	1.11E-03	3.64E-06	3.71E-06	2.64E-05	2.67E-05	1.93E-05	1.90E-05	1.1731E-03
606627.8	4201368.22	43597.18462	0.01517	0.01528	0.0671	0.06816	0.12778	0.12598	1.10E-03	3.81E-06	3.89E-06	2.73E-05	2.76E-05	1.87E-05	1.84E-05	1.1590E-03
606647.8	4201368.22	42959.21445	0.01573	0.01584	0.06932	0.07044	0.1238	0.12203	1.08E-03	3.95E-06	4.03E-06	2.82E-05	2.86E-05	1.81E-05	1.78E-05	1.1451E-03
606667.8	4201368.22	42323.52387	0.01626	0.01636	0.0716	0.07279	0.12	0.11827	1.06E-03	4.08E-06	4.16E-06	2.92E-05	2.95E-05	1.75E-05	1.72E-05	1.1312E-03
606687.8	4201368.22	41680.35128	0.01678	0.01687	0.074	0.07529	0.11637	0.11467	1.05E-03	4.21E-06	4.29E-06	3.01E-05	3.05E-05	1.70E-05	1.67E-05	1.1173E-03
606707.8	4201368.22	41027.9057	0.01732	0.01735	0.07652	0.07789	0.11288	0.11122	1.03E-03	4.35E-06	4.41E-06	3.12E-05	3.16E-05	1.65E-05	1.62E-05	1.1032E-03
606727.8	4201368.22	40372.75052	0.01766	0.01771	0.07861	0.0801	0.10954	0.10792	1.02E-03	4.44E-06	4.51E-06	3.20E-05	3.25E-05	1.60E-05	1.57E-05	1.0887E-03
606747.8	4201368.22	39698.94449	0.01834	0.01838	0.08145	0.08304	0.10631	0.10473	9.98E-04	4.61E-06	4.68E-06	3.32E-05	3.37E-05	1.55E-05	1.53E-05	1.0744E-03
606767.8	4201368.22	39000.19335	0.01917	0.0192	0.0848	0.08649	0.10317	0.10163	9.81E-04	4.81E-06	4.88E-06	3.45E-05	3.51E-05	1.51E-05	1.48E-05	1.0601E-03
606787.8	4201368.22	38283.94232	0.02013	0.02015	0.08865	0.09056	0.10012	0.09861	9.63E-04	5.06E-06	5.13E-06	3.61E-05	3.67E-05	1.46E-05	1.44E-05	1.0457E-03
606807.8	4201368.22	37564.51594	0.02135	0.02131	0.09321	0.09512	0.0972	0.09573	9.45E-04	5.36E-06	5.42E-06	3.80E-05	3.86E-05	1.42E-05	1.40E-05	1.0320E-03
606827.8	4201368.22	36847.07521	0.02241	0.02241	0.09748	0.09948	0.09441	0.09297	9.27E-04	5.63E-06	5.70E-06	3.97E-05	4.04E-05	1.38E-05	1.36E-05	1.0180E-03
606847.8	4201368.22	36123.9375	0.02359	0.02359	0.10215	0.10429	0.09171	0.09031	9.08E-04	5.92E-06	6.00E-06	4.16E-05	4.23E-05	1.34E-05	1.32E-05	1.0042E-03
606867.8	4201368.22	35401.64473	0.02486	0.02485	0.10718	0.10946	0.08912	0.08776	8.90E-04	6.24E-06	6.32E-06	4.37E-05	4.44E-05	1.30E-05	1.28E-05	9.9086E-04
606887.8	4201368.22	34679.84289	0.02629	0.02624	0.11269	0.1151	0.08662	0.08529	8.72E-04	6.60E-06	6.68E-06	4.59E-05	4.67E-05	1.26E-05	1.24E-05	9.7795E-04
606907.8	4201368.22	33964.35959	0.02782	0.02774	0.11872	0.12139	0.08422	0.08292	8.54E-04	6.99E-06	7.06E-06	4.84E-05	4.92E-05	1.23E-05	1.21E-05	9.6574E-04
606927.8	4201368.22	33255.86213	0.02951	0.02941	0.12543	0.12837	0.0819	0.08064	8.36E-04	7.41E-06	7.48E-06	5.11E-05	5.21E-05	1.20E-05	1.18E-05	9.5433E-04
606947.8	4201368.22	32556.66661	0.03135	0.03123	0.13292	0.13624	0.07967	0.07844	8.19E-04	7.87E-06	7.95E-06	5.41E-05	5.53E-05	1.16E-05	1.14E-05	9.4392E-04
606967.8	4201368.22	31872.00274	0.0333	0.03319	0.14127	0.1449	0.07752	0.07633	8.01E-04	8.36E-06	8.44E-06	5.75E-05	5.88E-05	1.13E-05	1.11E-05	9.3460E-04
606987.8	4201368.22	31193.57582	0.03545	0.03537	0.1508	0.1549	0.07544	0.07428	7.84E-04	8.90E-06	9.00E-06	6.14E-05	6.28E-05	1.10E-05	1.08E-05	9.2658E-04
607007.8	4201368.22	30530.7043	0.03768	0.03768	0.1617	0.1664	0.07344	0.0723	7.68E-04	9.46E-06	9.59E-06	6.59E-05	6.75E-05	1.07E-05	1.05E-05	9.2016E-04
607027.8	4201368.22	29866.24386	0.04022	0.04035	0.17508	0.18056	0.07147	0.07037	7.51E-04	1.01E-05	1.03E-05	7.13E-05	7.32E-05	1.04E-05	1.03E-05	9.1596E-04
607047.8	4201368.22	29224.35174	0.04271	0.04305	0.19026	0.19646	0.06959	0.06852	7.35E-04	1.07E-05	1.10E-05	7.75E-05	7.97E-05	1.02E-05	9.99E-06	9.1377E-04
607067.8	4201368.22	28590.75229	0.04538	0.04598	0.20882	0.21635	0.06776	0.06672	7.19E-04	1.14E-05	1.17E-05	8.51E-05	8.78E-05	9.90E-06	9.72E-06	9.1488E-04
607087.8	4201368.22	27978.88175	0.04793	0.04888	0.23061	0.23957	0.06601	0.06499	7.04E-04	1.20E-05	1.24E-05	9.39E-05	9.72E-05	9.64E-06	9.47E-06	9.1916E-04
607107.8	4201368.22	27391.62556	0.0501	0.05142	0.25515	0.26604	0.06434	0.06335	6.89E-04	1.26E-05	1.31E-05	1.04E-04	1.08E-04	9.40E-06	9.23E-06	9.2632E-04
607127.8	4201368.22	26817.4341	0.05219	0.05385	0.28474	0.29812	0.06272	0.06176	6.74E-04	1.31E-05	1.37E-05	1.16E-04	1.21E-04	9.16E-06	9.00E-06	9.3809E-04
607147.8	4201368.22	26254.86154	0.05427	0.05622	0.3208	0.33757	0.06116	0.06022	6.60E-04	1.36E-05	1.43E-05	1.31E-04	1.37E-04	8.93E-06	8.78E-06	9.5576E-04
607167.8	4201368.22	25708.0522	0.05649	0.05862	0.36534	0.38689	0.05965	0.05874	6.46E-04	1.42E-05	1.49E-05	1.49E-04	1.57E-04	8.71E-06	8.56E-06	9.8132E-04
607187.8	4201368.22	25177.79435	0.05901	0.06122	0.42179	0.45036	0.0582	0.05732	6.33E-04	1.48E-05	1.56E-05	1.72E-04	1.83E-04	8.50E-06	8.35E-06	1.0180E-03
607207.8	4201368.22	24667.9267	0.06198	0.06426	0.49573	0.53516	0.05682	0.05596	6.20E-04	1.56E-05	1.63E-05	2.02E-04	2.17E-04	8.30E-06	8.16E-06	1.0712E-03
607227.8	4201368.22	24171.89747	0.06542	0.06785	0.59648	0.65371	0.05549	0.05465	6.08E-04	1.64E-05	1.73E-05	2.43E-04	2.65E-04	8.10E-06	7.97E-06	1.1497E-03
607247.8	4201368.22	23684.88198	0.06931	0.07201	0.74095	0.82928	0.05419	0.05338	5.96E-04	1.74E-05	1.83E-05	3.02E-04	3.36E-04	7.91E-06	7.78E-06	1.2695E-03
607267.8	4201368.22	23208.84965	0.07362	0.07669	0.9635	1.11208	0.05294	0.05215	5.84E-04	1.85E-05	1.95E-05	3.92E-04	4.51E-04	7.73E-06	7.60E-06	1.4652E-03
607287.8	4201368.22	22749.77734	0.07836	0.08185	1.34641	1.6324	0.05174	0.05097	5.72E-04	1.97E-05	2.08E-05	5.48E-04	6.62E-04	7.56E-06	7.43E-06	1.8232E-03
607307.8	4201368.22	22299.93277	0.08355	0.08758	2.11922	2.78616	0.05057	0.04983	5.61E-04	2.10E-05	2.23E-05	8.63E-04	1.13E-03	7.38E-06	7.26E-06	2.5974E-03
606527.8	4201388.22	44905.84436	0.01228	0.01236	0.05756	0.05847	0.15458	0.15231	1.13E-03	3.08E-06	3.14E-06	2.34E-05	2.37E-05	2.26E-05	2.22E-05	1.1826E-03
606547.8	4201388.22	44308.17224	0.01311	0.01319	0.05979	0.06067	0.14921	0.14699	1.11E-03	3.29E-06	3.36E-06	2.44E-05	2.46E-05	2.18E-05	2.14E-05	1.1698E-03
606567.8	4201388.22	43722.34305	0.01359	0.01368	0.06162	0.06254	0.14415	0.14198	1.10E-03	3.41E-06	3.48E-06	2.51E-05	2.54E-05	2.11E-05	2.07E-05	1.1568E-03
606587.8	4201388.22	43150.2049	0.01403	0.01412	0.06342	0.06439	0.13938	0.13726	1.09E-03	3.52E-06	3.59E-06	2.58E-05	2.61E-05	2.04E-05	2.00E-05	1.1442E-03
606607.8	4201388.22	42574.57011	0.01448	0.01458	0.06533	0.06635	0.13482	0.13275	1.07E-03	3.64E-06	3.71E-06	2.66E-05	2.69E-05	1.97E-05	1.93E-05	1.1315E-03
606627.8	4201388.22	41982.4011	0.01499	0.01509	0.06742	0.0685	0.13043	0.12841	1.06E-03	3.76E-06	3.84E-06	2.75E-05	2.78E-05	1.90E-05	1.87E-05	1.1186E-03
606647.8	4201388.22	41385.16721	0.01553	0.01562	0.06962	0.07077	0.12623	0.12427	1.04E-03	3.90E-06	3.97E-06	2.84E-05	2.87E-05	1.84E-05	1.81E-05	1.1056E-03
606667.8	4201388.22	40781.24907	0.01609	0.0162	0.07194	0.07317	0.12221	0.1203	1.03E-03	4.04E-06	4.12E-06	2.93E-05	2.97E-05	1.78E-05	1.75E-05	1.0927E-03
606687.8	4201388.22	40176.25416	0.01667	0.01677	0.07443	0.07575	0.11838	0.11652	1.01E-03	4.19E-06	4.27E-06	3.03E-05	3.07E-05	1.73E-05	1.70E-05	1.0798E-03
606707.8	4201388.22	39568.22589	0.01727	0.01736	0.07702	0.07843	0.11472	0.11291	9.95E-04	4.34E-06	4.42E-06	3.14E-05	3.18E-05	1.68E-05	1.65E-05	1.0670E-03
606727.8	4201388.22	38961.069	0.01787	0.01794	0.07966	0.08117	0.11124	0.10947	9.80E-04	4.49E-06	4.56E-06	3.24E-05	3.29E-05	1.62E-05	1.60E-05	1.0542E-03
606747.8	4201388.22	38354.49423	0.01814	0.01816	0.08163	0.08325	0.10793	0.1062	9.64E-04	4.56E-06	4.62E-06	3.32E-05	3.38E-05	1.58E-05	1.55E-05	1.0407E-03
606767.8	4201388.22	37710.24313	0.01891	0.01892	0.0848	0.08653	0.10467	0.10299	9.48E-04	4.75E-06	4.81E-06	3.45E-05	3.51E-05	1.53E-05	1.50E-05	1.0275E-03
606787.8	4201388.22	37040.25929	0.02004	0.0199	0.08895	0.09096	0.10149	0.09986	9.31E-04	5.03E-06	5.06E-06	3.62E-05	3.69E-05	1.48E-05	1.46E-05	1.0147E-03
606807.8	4201388.22	36373.51082	0.02103	0.021	0.0931	0.09503	0.09847	0.09688	9.15E-04	5.28E-06	5.34E-06	3.79E-05	3.85E-05	1.44E-05	1.41E-05	1.0018E-03
606827.8	4201388.22	35700.69653	0.0221	0.02209	0.0974	0.09947	0.09556	0.09402	8.98E-04	5.55E-06	5.62E-06	3.97E-05	4.03E-05	1.40E-05	1.37E-05	9.8895E-04
606847.8	4201388.22	35022.43257	0.02329	0.02326	0.10211	0.10429	0.09276	0.09126	8.81E-04	5.85E-06	5.92E-06	4.16E-05	4.23E-05	1.35E-05	1.33E-05	9.7636E-04
606867.8	4201388.22	34342.79083	0.02458	0.02452	0.10718	0.1095	0.09006	0.08861	8.64E-04	6.17E-06	6.24E-06	4.37E-05	4.44E-05	1.32E-05	1.29E-05	9.6410E-04
606887.8	4201388.22	33667.06235	0.02596	0.02588	0.11265	0.11515	0.08748	0.08606	8.47E-04	6.52E-06	6.58E-06	4.59E-05	4.67E-05	1.28E-05	1.25E-05	9.5232E-04
606907.8	4201388.22	32995.37767	0.02747	0.02737	0.11865	0.12136	0.085	0.08362	8.30E-04	6.90E-06	6.96E-06	4.83E-05	4.92E-05	1.24E-05	1.22E-05	9.4115E-04
606927.8	4201388.22	32332.12934	0.0291	0.02897	0.12525	0.12822	0.08261	0.08128	8.13E-04	7.31E-06	7.37E-06	5.10E-05	5.20E-05	1.21E-05	1.18E-05	9.3076E-04
606947.8	4201388.22	31677.54407	0.03084	0.03071	0.13259	0.13588	0.08032	0.07902	7.97E-04	7.75E-06	7.81E-06	5.40E-05	5.51E-05	1.17E-05	1.15E-05	9.2127E-04
606967.8	4201388.22	31033.77365	0.03267	0.03257	0.14077	0.14442	0.07812	0.07686	7.80E-04	8.20E-06	8.29E-06	5.73E-05	5.86E-05	1.14E-05	1.12E-05	9.1281E-04
606987.8	4201388.22	30398.78257	0.0346	0.03456	0.15004	0.15418	0.076	0.07477	7.64E-04	8.69E-06	8.79E-06	6.11E-05	6.25E-05	1.11E-05	1.09E-05	9.0557E-04
607007.8	4201388.22	29768.6049	0.03667	0.03673	0.16076	0.16543	0.07393	0.07274	7.49E-04	9.21E-06	9.34E-06	6.55E-05	6.71E-05	1.08E-05	1.06E-05	8.9972E-04
607027.8	4201388.22	29119.64102	0.03919	0.03943	0.17495	0.18022	0.07187	0.07072	7.32E-04	9.84E-06	1.00E-05	7.13E-05	7.31E-05	1.05E-05	1.03E-05	8.9650E-04
607047.8	4201388.22	28505.89905	0.0415	0.04196	0.19046	0.19676	0.06994	0.06882	7.17E-04	1.04E-05	1.07E-05	7.76E-05	7.98E-05	1.02E-05	1.00E-05	8.9532E-04
607067.8	4201388.22	27904.14758	0.04377	0.04453	0.20885	0.21624	0.06807	0.06698	7.02E-04	1.10E-05	1.13E-05	8.51E-05	8.77E-05	9.94E-06	9.76E-06	8.9681E-04
607087.8	4201388.22	27327.15088	0.04567	0.04673	0.22939	0.23814	0.06629	0.06523	6.87E-04	1.15E-05	1.19E-05	9.34E-05	9.66E-05	9.68E-06	9.51E-06	9.0058E-04
607107.8	4201388.22	26771.39191	0.04744	0.04879	0.25342	0.26391	0.06459	0.06356	6.73E-04	1.19E-05	1.24E-05	1.03E-04	1.07E-04	9.43E-06	9.26E-06	9.0782E-04
607127.8	4201388.22	26228.71242	0.04915	0.05076	0.28227	0.29508	0.06295	0.06195	6.60E-04	1.23E-05	1.29E-05	1.15E-04	1.20E-04	9.19E-06	9.03E-06	9.1950E-04
607147.8	4201388.22	25695.96744	0.05092	0.05271	0.31748	0.33339	0.06136	0.06039	6.46E-04	1.28E-05	1.34E-05	1.29E-04	1.35E-04	8.96E-06	8.80E-06	9.3692E-04
607167.8	4201388.22	25175.98132	0.05288	0.05476	0.36096	0.38127	0.05983	0.05889	6.33E-04	1.33E-05	1.39E-05	1.47E-04	1.55E-04	8.74E-06	8.58E-06	9.6199E-04
607187.8	4201388.22	24670.40666	0.05517	0.05708	0.41595	0.44261	0.05835	0.05744	6.20E-04	1.39E-05	1.45E-05	1.69E-04	1.80E-04	8.52E-06	8.37E-06	9.9772E-04
607207.8	4201388.22	24178.48168	0.05789	0.05984	0.48758	0.52396	0.05693	0.05604	6.08E-04	1.45E-05	1.52E-05	1.99E-04	2.13E-04	8.31E-06	8.17E-06	1.0489E-03
607227.8	4201388.22	23708.88996	0.06096	0.06305	0.58509	0.63756	0.05558	0.05472	5.96E-04	1.53E-05	1.60E-05	2.38E-04	2.59E-04	8.12E-06	7.98E-06	1.1245E-03

607247.8	4201388.22	23246.0998	0.06439	0.06673	0.72364	0.80433	0.05427	0.05343	5.85E-04	1.62E-05	1.70E-05	2.95E-04	3.26E-04	7.93E-06	7.79E-06	1.2387E-03
607267.8	4201388.22	22796.97408	0.06816	0.07081	0.93522	1.07164	0.05301	0.0522	5.73E-04	1.71E-05	1.80E-05	3.81E-04	4.35E-04	7.74E-06	7.61E-06	1.4240E-03
607287.8	4201388.22	22362.28175	0.07226	0.07528	1.29256	1.55898	0.0518	0.05101	5.62E-04	1.81E-05	1.92E-05	5.26E-04	6.32E-04	7.56E-06	7.43E-06	1.7585E-03
607307.8	4201388.22	21932.03458	0.07677	0.08021	1.98836	2.62369	0.05062	0.04985	5.52E-04	1.93E-05	2.04E-05	8.10E-04	1.06E-03	7.39E-06	7.27E-06	2.4654E-03
606527.8	4201408.22	43104.85212	0.01272	0.01282	0.05872	0.05958	0.15797	0.15541	1.08E-03	3.19E-06	3.26E-06	2.39E-05	2.42E-05	2.31E-05	2.27E-05	1.1385E-03
606547.8	4201408.22	42596.25843	0.01308	0.01317	0.06031	0.06121	0.15251	0.15001	1.07E-03	3.28E-06	3.35E-06	2.46E-05	2.48E-05	2.23E-05	2.19E-05	1.1272E-03
606567.8	4201408.22	42082.10854	0.01345	0.01355	0.06197	0.0629	0.14729	0.14487	1.06E-03	3.38E-06	3.45E-06	2.52E-05	2.55E-05	2.15E-05	2.11E-05	1.1158E-03
606587.8	4201408.22	41562.44226	0.01383	0.01393	0.06369	0.06468	0.14231	0.13996	1.05E-03	3.47E-06	3.54E-06	2.59E-05	2.62E-05	2.08E-05	2.04E-05	1.1044E-03
606607.8	4201408.22	41021.71584	0.01428	0.01438	0.06561	0.06665	0.1375	0.13522	1.03E-03	3.59E-06	3.66E-06	2.67E-05	2.70E-05	2.01E-05	1.97E-05	1.0926E-03
606627.8	4201408.22	40464.78436	0.0148	0.01489	0.06771	0.06881	0.13288	0.13066	1.02E-03	3.72E-06	3.79E-06	2.76E-05	2.79E-05	1.94E-05	1.90E-05	1.0806E-03
606647.8	4201408.22	39899.7169	0.01534	0.01543	0.06994	0.07112	0.12845	0.1263	1.00E-03	3.85E-06	3.93E-06	2.85E-05	2.88E-05	1.88E-05	1.84E-05	1.0685E-03
606667.8	4201408.22	39343.87976	0.01588	0.01596	0.07222	0.07348	0.12427	0.12218	9.89E-04	3.99E-06	4.06E-06	2.94E-05	2.98E-05	1.81E-05	1.78E-05	1.0566E-03
606687.8	4201408.22	38784.69552	0.01644	0.01651	0.07463	0.07598	0.12028	0.11825	9.75E-04	4.13E-06	4.20E-06	3.04E-05	3.08E-05	1.76E-05	1.72E-05	1.0449E-03
606707.8	4201408.22	38211.13456	0.01705	0.01712	0.07727	0.0787	0.11645	0.11447	9.61E-04	4.28E-06	4.36E-06	3.15E-05	3.19E-05	1.70E-05	1.67E-05	1.0329E-03
606727.8	4201408.22	37633.59431	0.01769	0.01776	0.08005	0.08159	0.11279	0.11087	9.46E-04	4.44E-06	4.52E-06	3.26E-05	3.31E-05	1.65E-05	1.62E-05	1.0210E-03
606747.8	4201408.22	37057.94694	0.01835	0.01839	0.08288	0.08454	0.10931	0.10745	9.32E-04	4.61E-06	4.68E-06	3.38E-05	3.43E-05	1.60E-05	1.57E-05	1.0092E-03
606767.8	4201408.22	36480.56682	0.01893	0.01889	0.08557	0.08732	0.10599	0.10418	9.17E-04	4.75E-06	4.81E-06	3.49E-05	3.54E-05	1.55E-05	1.52E-05	9.9720E-04
606787.8	4201408.22	35858.07393	0.01987	0.01988	0.08937	0.09126	0.10271	0.10095	9.02E-04	4.99E-06	5.06E-06	3.64E-05	3.70E-05	1.50E-05	1.47E-05	9.8518E-04
606807.8	4201408.22	35249.0269	0.0207	0.02063	0.09288	0.09486	0.09961	0.09791	8.86E-04	5.20E-06	5.25E-06	3.78E-05	3.85E-05	1.45E-05	1.43E-05	9.7316E-04
606827.8	4201408.22	34613.20279	0.02182	0.02178	0.09735	0.09944	0.09658	0.09493	8.70E-04	5.48E-06	5.54E-06	3.97E-05	4.03E-05	1.41E-05	1.38E-05	9.6142E-04
606847.8	4201408.22	33977.74878	0.023	0.02293	0.10203	0.10427	0.09369	0.09209	8.54E-04	5.78E-06	5.83E-06	4.16E-05	4.23E-05	1.37E-05	1.34E-05	9.4990E-04
606867.8	4201408.22	33341.22161	0.02426	0.02417	0.10706	0.10945	0.09091	0.08936	8.38E-04	6.09E-06	6.15E-06	4.36E-05	4.44E-05	1.33E-05	1.30E-05	9.3867E-04
606887.8	4201408.22	32704.9296	0.02565	0.02553	0.11255	0.11511	0.08824	0.08674	8.22E-04	6.44E-06	6.50E-06	4.58E-05	4.67E-05	1.29E-05	1.26E-05	9.2790E-04
606907.8	4201408.22	32074.13876	0.02712	0.02699	0.1185	0.12126	0.08568	0.08423	8.07E-04	6.81E-06	6.87E-06	4.83E-05	4.92E-05	1.25E-05	1.23E-05	9.1769E-04
606927.8	4201408.22	31437.03862	0.0288	0.02866	0.12524	0.1283	0.0832	0.08179	7.91E-04	7.23E-06	7.29E-06	5.10E-05	5.20E-05	1.22E-05	1.19E-05	9.0812E-04
606947.8	4201408.22	30820.96434	0.03046	0.03034	0.1325	0.13587	0.08085	0.07948	7.75E-04	7.65E-06	7.72E-06	5.40E-05	5.51E-05	1.18E-05	1.16E-05	8.9950E-04
606967.8	4201408.22	30213.06765	0.03218	0.03212	0.14063	0.14437	0.07859	0.07726	7.60E-04	8.08E-06	8.17E-06	5.73E-05	5.86E-05	1.15E-05	1.13E-05	8.9186E-04
606987.8	4201408.22	29611.88397	0.03398	0.034	0.14995	0.15406	0.07641	0.07512	7.45E-04	8.53E-06	8.65E-06	6.11E-05	6.25E-05	1.12E-05	1.09E-05	8.8540E-04
607007.8	4201408.22	28990.13726	0.03614	0.0363	0.16177	0.16638	0.07424	0.073	7.29E-04	9.08E-06	9.24E-06	6.59E-05	6.75E-05	1.08E-05	1.06E-05	8.8070E-04
607027.8	4201408.22	28362.21095	0.03848	0.03886	0.17636	0.18183	0.07212	0.07092	7.13E-04	9.66E-06	9.89E-06	7.18E-05	7.38E-05	1.05E-05	1.03E-05	8.7836E-04
607047.8	4201408.22	27787.53226	0.04024	0.04083	0.19111	0.19737	0.07016	0.069	6.99E-04	1.01E-05	1.04E-05	7.78E-05	8.01E-05	1.02E-05	1.01E-05	8.7717E-04
607067.8	4201408.22	27230.28033	0.04189	0.04273	0.20808	0.21532	0.06829	0.06716	6.85E-04	1.05E-05	1.09E-05	8.48E-05	8.73E-05	9.97E-06	9.79E-06	8.7824E-04
607087.8	4201408.22	26688.06309	0.04342	0.04452	0.22788	0.23639	0.06649	0.06539	6.71E-04	1.09E-05	1.13E-05	9.28E-05	9.59E-05	9.71E-06	9.53E-06	8.8206E-04
607107.8	4201408.22	26163.65771	0.04488	0.04621	0.25122	0.26136	0.06477	0.0637	6.58E-04	1.13E-05	1.18E-05	1.02E-04	1.06E-04	9.46E-06	9.28E-06	8.8931E-04
607127.8	4201408.22	25652.87993	0.04632	0.04783	0.2792	0.29147	0.06311	0.06207	6.45E-04	1.16E-05	1.22E-05	1.14E-04	1.18E-04	9.22E-06	9.05E-06	9.0085E-04
607147.8	4201408.22	25149.9273	0.04788	0.04948	0.31331	0.32842	0.0615	0.0605	6.32E-04	1.20E-05	1.26E-05	1.28E-04	1.33E-04	8.98E-06	8.82E-06	9.1789E-04
607167.8	4201408.22	24657.5603	0.04966	0.05129	0.35548	0.37448	0.05995	0.05898	6.20E-04	1.25E-05	1.30E-05	1.45E-04	1.52E-04	8.75E-06	8.60E-06	9.4228E-04
607187.8	4201408.22	24175.83985	0.05178	0.05341	0.40875	0.43334	0.05846	0.05751	6.08E-04	1.30E-05	1.36E-05	1.66E-04	1.76E-04	8.54E-06	8.38E-06	9.7681E-04
607207.8	4201408.22	23706.42351	0.05424	0.05592	0.47785	0.51085	0.05701	0.0561	5.96E-04	1.36E-05	1.42E-05	1.95E-04	2.07E-04	8.33E-06	8.18E-06	1.0258E-03
607227.8	4201408.22	23252.09612	0.05702	0.05884	0.57107	0.61753	0.05563	0.05474	5.85E-04	1.43E-05	1.50E-05	2.33E-04	2.51E-04	8.12E-06	7.98E-06	1.0971E-03
607247.8	4201408.22	22813.56255	0.06009	0.06213	0.70348	0.77329	0.05431	0.05345	5.74E-04	1.51E-05	1.58E-05	2.87E-04	3.14E-04	7.93E-06	7.79E-06	1.2048E-03
607267.8	4201408.22	22394.08813	0.06334	0.06566	0.90513	1.02084	0.05305	0.05222	5.63E-04	1.59E-05	1.67E-05	3.69E-04	4.14E-04	7.75E-06	7.61E-06	1.3785E-03
607287.8	4201408.22	21980.04377	0.06695	0.06955	1.23794	1.45686	0.05183	0.05102	5.53E-04	1.68E-05	1.77E-05	5.04E-04	5.91E-04	7.57E-06	7.44E-06	1.6824E-03
607307.8	4201408.22	21569.25027	0.07088	0.07385	1.86778	2.36873	0.05064	0.04985	5.42E-04	1.78E-05	1.88E-05	7.61E-04	9.61E-04	7.40E-06	7.27E-06	2.3006E-03
606533.18	4201421.18	41917.38214	0.01273	0.01283	0.05932	0.06018	0.15869	0.15596	1.05E-03	3.20E-06	3.26E-06	2.42E-05	2.44E-05	2.32E-05	2.27E-05	1.1091E-03
606553.18	4201421.18	41453.99134	0.01303	0.01311	0.06087	0.0618	0.1532	0.15056	1.04E-03	3.27E-06	3.34E-06	2.48E-05	2.51E-05	2.24E-05	2.19E-05	1.0989E-03
606573.18	4201421.18	40957.03408	0.01341	0.01349	0.06256	0.06352	0.14786	0.1453	1.03E-03	3.37E-06	3.43E-06	2.55E-05	2.58E-05	2.16E-05	2.12E-05	1.0880E-03
606593.18	4201421.18	40457.026	0.01379	0.01388	0.06431	0.06533	0.14278	0.1403	1.02E-03	3.46E-06	3.53E-06	2.62E-05	2.65E-05	2.09E-05	2.04E-05	1.0771E-03
606613.18	4201421.18	39940.29084	0.01425	0.01433	0.06623	0.06731	0.13789	0.13548	1.00E-03	3.58E-06	3.65E-06	2.70E-05	2.73E-05	2.01E-05	1.97E-05	1.0659E-03
606633.18	4201421.18	39395.72478	0.01479	0.01486	0.06841	0.06956	0.13315	0.13082	9.91E-04	3.71E-06	3.78E-06	2.79E-05	2.82E-05	1.94E-05	1.91E-05	1.0543E-03
606653.18	4201421.18	38838.25991	0.01537	0.01546	0.07076	0.072	0.1286	0.12634	9.77E-04	3.86E-06	3.93E-06	2.88E-05	2.92E-05	1.88E-05	1.84E-05	1.0425E-03
606673.18	4201421.18	38298.64322	0.01593	0.01601	0.07313	0.07445	0.12433	0.12215	9.63E-04	4.00E-06	4.07E-06	2.98E-05	3.02E-05	1.82E-05	1.78E-05	1.0311E-03
606693.18	4201421.18	37769.76458	0.01647	0.01654	0.07557	0.07694	0.12031	0.11819	9.50E-04	4.14E-06	4.21E-06	3.08E-05	3.12E-05	1.76E-05	1.72E-05	1.0201E-03
606713.18	4201421.18	37220.98016	0.0171	0.01715	0.07821	0.07971	0.11643	0.11438	9.36E-04	4.29E-06	4.36E-06	3.19E-05	3.23E-05	1.70E-05	1.67E-05	1.0088E-03
606727.8	4201423.25	36689.70065	0.01755	0.01759	0.0803	0.08185	0.11385	0.11183	9.23E-04	4.41E-06	4.48E-06	3.27E-05	3.32E-05	1.66E-05	1.63E-05	9.9742E-04
606747.8	4201423.25	36138.45658	0.01822	0.01826	0.0832	0.08488	0.11026	0.1083	9.09E-04	4.58E-06	4.65E-06	3.39E-05	3.44E-05	1.61E-05	1.58E-05	9.8631E-04
606767.8	4201423.25	35584.5705	0.01892	0.01893	0.08617	0.08798	0.10684	0.10494	8.95E-04	4.75E-06	4.82E-06	3.51E-05	3.57E-05	1.56E-05	1.53E-05	9.7519E-04
606787.8	4201423.25	35009.7942	0.01974	0.01973	0.08956	0.09149	0.10352	0.10168	8.80E-04	4.96E-06	5.02E-06	3.65E-05	3.71E-05	1.51E-05	1.48E-05	9.6395E-04
606807.8	4201423.25	34441.85711	0.02048	0.02032	0.09268	0.09472	0.10038	0.0986	8.66E-04	5.14E-06	5.17E-06	3.77E-05	3.84E-05	1.47E-05	1.44E-05	9.5259E-04
606827.8	4201428.22	33590.78959	0.02149	0.0214	0.09694	0.0991	0.0975	0.09575	8.45E-04	5.40E-06	5.44E-06	3.95E-05	4.02E-05	1.42E-05	1.40E-05	9.3523E-04
606847.8	4201428.22	32988.7221	0.02271	0.02261	0.10184	0.10415	0.0945	0.09281	8.30E-04	5.70E-06	5.75E-06	4.15E-05	4.22E-05	1.38E-05	1.35E-05	9.2474E-04
606867.8	4201428.22	32392.10993	0.02395	0.02383	0.10682	0.10928	0.09164	0.09001	8.15E-04	6.01E-06	6.06E-06	4.35E-05	4.43E-05	1.34E-05	1.31E-05	9.1447E-04
606887.8	4201428.22	31793.54394	0.02531	0.02518	0.11229	0.11493	0.0889	0.08732	8.00E-04	6.36E-06	6.41E-06	4.57E-05	4.66E-05	1.30E-05	1.27E-05	9.0463E-04
606907.8	4201428.22	31172.69392	0.02693	0.0268	0.11887	0.12174	0.08621	0.08468	7.84E-04	6.76E-06	6.82E-06	4.84E-05	4.94E-05	1.26E-05	1.23E-05	8.9528E-04
606927.8	4201428.22	30537.04321	0.02881	0.0287	0.12636	0.12945	0.08358	0.08211	7.68E-04	7.24E-06	7.30E-06	5.15E-05	5.25E-05	1.22E-05	1.20E-05	8.8642E-04
606947.8	4201428.22	29937.84007	0.03058	0.03051	0.13427	0.13775	0.08114	0.07971	7.53E-04	7.68E-06	7.76E-06	5.47E-05	5.59E-05	1.18E-05	1.16E-05	8.7885E-04
606967.8	4201428.22	29356.74326	0.03225	0.03228	0.14275	0.14661	0.07881	0.07743	7.38E-04	8.10E-06	8.21E-06	5.81E-05	5.95E-05	1.15E-05	1.13E-05	8.7216E-04
606987.8	4201428.22	28773.05427	0.03394	0.03408	0.15261	0.15689	0.07656	0.07522	7.24E-04	8.52E-06	8.67E-06	6.22E-05	6.36E-05	1.12E-05	1.10E-05	8.6655E-04
607007.8	4201428.22	28186.46577	0.03559	0.03587	0.1639	0.16871	0.07436	0.07306	7.09E-04	8.94E-06	9.13E-06	6.68E-05	6.84E-05	1.09E-05	1.06E-05	8.6206E-04
607027.8	4201428.22	27619.9436	0.03712	0.03757	0.17639	0.18183	0.07227	0.07102	6.95E-04	9.32E-06	9.56E-06	7.18E-05	7.38E-05	1.06E-05	1.04E-05	8.5904E-04
607047.8	4201428.22	27087.83909	0.03857	0.03923	0.19049	0.19668	0.07031	0.06909	6.81E-04	9.69E-06	9.98E-06	7.76E-05	7.98E-05	1.03E-05	1.01E-05	8.5821E-04
607067.8	4201428.22	26576.32892	0.03993	0.04082	0.20677	0.21395	0.06844	0.06726	6.68E-04	1.00E-05	1.04E-05	8.42E-05	8.68E-05	9.99E-06	9.80E-06	8.5973E-04
607087.8	4201428.22	26070.86382	0.0412	0.0423	0.22589	0.23428	0.06663	0.06549	6.56E-04	1.03E-05	1.08E-05	9.20E-05	9.50E-05	9.73E-06	9.55E-06	8.6375E-04
607107.8	4201428.22	25575.00896	0.04243	0.0437	0.24853	0.25845	0.06488	0.06378	6.43E-04	1.07E-05	1.11E-05	1.01E-04	1.05E-04	9.47E-06	9.30E-06	8.7097E-04
607127.8	4201428.22	25092.66277	0.04371	0.04508	0.27561	0.28749	0.06321	0.06214	6.31E-04	1.10E-05	1.15E-05	1.12E-04	1.17E-04	9.23E-06	9.06E-06	8.8233E-04
607147.8	4201428.22	24619.51312	0.04512	0.04654	0.30851	0.32299	0.06159	0.06056	6.19E-04	1.13E-05	1.18E-05	1.26E-04	1.31E-04	8.99E-06	8.83E-06	8.9895E-04
607167.8	4201428.22	24152.44104	0.04678	0.04819	0.34915	0.36716	0.06003	0.05902	6.07E-04	1.17E-05	1.23E-05	1.42E-04	1.49E-04	8.77E-06	8.60E-06	9.2252E-04
607187.8	4201428.22	23692.03151	0.04872	0.05013	0.40034	0.42328	0.05851	0.05754	5.96E-04	1.22E-05	1.28E-05	1.63E-04	1.72E-04	8.54E-06	8.39E-06	9.5553E-04
607207.8	4201428.22	23244.33081	0.05095	0.05242	0.46655	0.49668	0.05705	0.05611	5.85E-04	1.28E-05	1.33E-05	1.90E-04	2.01E-04	8.33E-06	8.18E-06	1.0022E-03
607227.8	4201428.22	22809.60038	0.05345	0.05505	0.55529	0.59667	0.05565	0.05474	5.74E-04	1.34E-05	1.40E-05	2.26E-04	2.42E-04	8.13E-06	7.98E-06	1.0692E-03
607247.8	4201428.22	22395.87696	0.0562	0.058	0.68118	0.74188	0.05432	0.05344	5.63E-04	1.41E-05	1.48E-05	2.77E-04	3.01E-04	7.93E-06	7.79E-06	1.1705E-03
607267.8	4201428.22	22003.02639	0.05906	0.0611	0.87122	0.96824	0.05307	0.05221	5.53E-04	1.48E-05	1.55E-05	3.55E-04	3.93E-04	7.75E-06	7.61E-06	1.3313E-03
607287.8	4201428.22	21602.6431	0.06228	0.06454	1.17803	1.35098	0.05182	0.05099	5.43E-04	1.56E-05	1.64E-05	4.80E-04	5.48E-04	7.57E-06	7.43E-06	1.6031E-03
607307.8	4201428.22	21211.20141	0.06574	0.06832	1.74669	2.11236	0.05062	0.04982	5.33E-04	1.65E-05	1.74E-05	7.11E-04	8.57E-04	7.39E-06	7.26E-06	2.1356E-03
606357.31	4200991.9	164326.6741	0.01936	0.01997	0.04194	0.04193	0.05549	0.0574	4.13E-03	4.86E-06	5.08E-06	1.71E-05	1.70E-05	8.10E-06	8.37E-06	4.1763E-03
606373.3	4200990.76	163923.3575	0.01998	0.02061	0.04263	0.04261	0.0557	0.05756	4.12E-03	5.02E-06	5.24E-06	1.74E-05	1.73E-05	8.13E-06	8.39E-06	4.1671E-03
606393.3	4200990.76	161959.5082	0.02064	0.02131	0.04354	0.04351	0.05627	0.05807	4.07E-03	5.18E-06	5.42E-06	1.77E-05	1.76E-05	8.22E-06	8.46E-06	4.1187E-03
606413.3	4200990.76	159485.0526	0.02134	0.02204	0.04449	0.04446	0.05678	0.05851	4.01E-03	5.36E-06	5.61E-06	1.81E-05	1.80E-05	8.29E-06	8.53E-06	4.0577E-03
606433.3	4200990.76	156504.9214	0.0221	0.02283	0.04549	0.04545	0.05722	0.05888	3.94E-03	5.55E-06	5.81E-06	1.85E-05	1.84E-05	8.36E-06	8.58E-06	3.9839E-03
606453.3	4200990.76	153170.2675	0.02291	0.02369	0.04655	0.04649	0.05759	0.05918	3.85E-03	5.75E-06	6.03E-06	1.90E-05	1.89E-05	8.41E-06	8.63E-06	3.9013E-03
606473.3	4200990.76	149741.2361	0.02378	0.02461	0.04765	0.04752	0.0579	0.05942	3.77E-03	5.97E-06	6.26E-06	1.94E-05	1.93E-05	8.46E-06	8.66E-06	3.8164E-03
606493.3	4200990.76	146453.9598	0.02466	0.02555	0.04863	0.04822	0.05815	0.05959	3.68E-03	6.19E-06	6.50E-06	1.98E-05	1.96E-05	8.49E-06	8.69E-06	3.7349E-03
606513.3	4200990.76	143553.6835	0.02566	0.02654	0.04975	0.0494	0.05834	0.05971	3.61E-03	6.44E-06	6.75E-06	2.03E-05	2.00E-05	8.52E-06	8.70E-06	3.6634E-03
606355.59	4201005.6	153451.2372	0.01844	0.01901	0.04216	0.0422	0.05877	0.06076	3.86E-03	4.63E-06	4.84E-06	1.72E-05	1.71E-05	8.58E-06	8.86E-06	3.9026E-03
606375.59	4201005.6	151781.5209	0.01908	0.01968	0.0431	0.04313	0.05936	0.06128	3.82E-03	4.79E-06	5.01E-06	1.76E-05	1.75E-05	8.67E-06	8.93E-06	3.8617E-03
606393.3	4201010.76	146364.1917	0.01933	0.01994	0.04407	0.04412	0.06109	0.06295	3.68E-03	4.85E-06	5.07E-06	1.80E-05	1.79E-05	8.92E-06	9.18E-06	3.7264E-03
606413.3	4201010.76	144206.3253	0.02	0.02065	0.04508	0.04512	0.0615	0.06329	3.63E-03	5.02E-06	5.25E-06	1.84E-05	1.83E-05	8.98E-06	9.22E-06	3.6733E-03
606433.3	4201010.76	141720.0644	0.02073	0.0214	0.04614	0.04618	0.06184	0.06354	3.56E-03	5.21E-06	5.44E-06	1.88E-05	1.87E-05	9.03E-06	9.26E-06	3.6120E-03
606453.3	4201010.76	139017.1707	0.02148	0.0222	0.04724	0.04727	0.06211	0.06372	3.50E-03	5.39E-06	5.65E-06	1.92E-05	1.92E-05	9.07E-06	9.29E-06	3.5453E-03
606473.3	4201010.76	136202.128	0.02229	0.02305	0.0484	0.04842	0.06231	0.06384	3.43E-03	5.60E-06	5.86E-06	1.97E-05	1.96E-05	9.10E-06	9.31E-06	3.4759E-03
606493.3	4201010.76	133480.254	0.02312	0.02392	0.0496	0.04961	0.06245	0.0639	3.36E-03	5.81E-06	6.09E-06	2.02E-05	2.01E-05	9.12E-06	9.31E-06	3.4088E-03
606513.3	4201010.76	130960.5585	0.02397	0.02482	0.05085	0.05085	0.06253	0.0639	3.29E-03	6.02E-06	6.31E-06	2.07E-05	2.06E-05	9.13E-06	9.31E-06	3.3469E-03
606320.15	4201003.05	158124.317	0.01742	0.01794	0.04046	0.0405	0.05691	0.059	3.98E-03	4.37E-06	4.56E-06	1.65E-05	1.64E-05	8.31E-06	8.60E-06	4.0182E-03
606340.15	4201003.05	156664.0645	0.01806	0.01861	0.04138	0.04141	0.05763	0.05966	3.94E-03	4.54E-06	4.73E-06	1.69E-05	1.68E-05	8.42E-06	8.70E-06	3.9825E-03
606047.14	4201061.24	185830.2051	0.01065	0.01085	0.03139	0.03159	0.0603	0.06309	4.67E-03	2.67E-06	2.76E-06	1.28E-05	1.28E-05	8.81E-06	9.20E-06	4.7041E-03
606067.14	4201061.24	182774.1723	0.01086	0.01107	0.03193	0.03214	0.0613	0.06424	4.60E-03	2.73E-06	2.82E-06	1.30E-05	1.30E-05	8.95E-06	9.36E-06	4.6278E-03
606087.14	4201061.24	175830.86	0.0111	0.01131	0.03251	0.03272	0.06241	0.06545	4.42E-03	2.79E-06	2.88E-06	1.32E-05	1.33E-05	9.11E-06	9.54E-06	4.4538E-03
606107.14	4201061.24	167573.4324	0.01133	0.01156	0.03311	0.03333	0.06359	0.0667	4.21E-03	2.85E-06	2.94E-06	1.35E-05	1.35E-05	9.29E-06	9.72E-06	4.2467E-03
606127.14	4201061.24	159453.2167	0.01157	0.0118	0.03372	0.03394	0.06481	0.06796	4.01E-03	2.91E-06	3.00E-06	1.37E-05	1.38E-05	9.46E-06	9.91E-06	4.0431E-03
606147.14	4201061.24	152288.6176	0.01182	0.01207	0.03436	0.03457	0.06603	0.06918	3.83E-03	2.97E-06	3.07E-06	1.40E-05	1.40E-05	9.64E-06	1.01E-05	3.8636E-03
606167.14	4201061.24	146420.0769	0.01212	0.01237	0.03507	0.03529	0.0672	0.07033	3.68E-03	3.04E-06	3.15E-06	1.43E-05	1.43E-05	9.81E-06	1.03E-05	3.7168E-03
606187.14	4201061.24	141222.0466	0.01242	0.01269	0.03581	0.03603	0.06835	0.07141	3.55E-03	3.12E-06	3.23E-06	1.46E-05	1.46E-05	9.98E-06	1.04E-05	3.5868E-03
606207.14	4201061.24	136881.5232	0.01275	0.01303	0.03658	0.0368	0.06941	0.0724	3.44E-03	3.20E-06	3.32E-06	1.49E-05	1.49E-05	1.01E-05	1.06E-05	3.4785E-03
606227.14	4201061.24	133292.2973	0.01306	0.01335	0.03733	0.03755	0.0704	0.07332	3.35E-03	3.28E-06	3.40E-06	1.52E-05	1.52E-05	1.03E-05	1.07E-05	3.3890E-03
606247.14	4201061.24	130316.8316	0.01341	0.01372	0.03815	0.03837	0.07128	0.07413	3.28E-03	3.37E-06	3.49E-06	1.55E-05	1.56E-05	1.04E-05	1.08E-05	3.3150E-03
606267.14	4201061.24	127855.1427	0.01377	0.01409	0.03897	0.03919	0.07208	0.07482	3.22E-03	3.46E-06	3.58E-06	1.59E-05	1.59E-05	1.05E-05	1.09E-05	3.2540E-03
606287.14	4201061.24	125784.3819	0.01416	0.0145	0.03984	0.04005	0.07279	0.0754	3.16E-03	3.56E-06	3.69E-06	1.62E-05	1.62E-05	1.06E-05	1.10E-05	3.2028E-03
606307.14	4201061.24	124003.031	0.01457	0.01493	0.04073	0.04095	0.07337	0.07586	3.12E-03	3.66E-06	3.80E-06	1.66E-05	1.66E-05	1.07E-05	1.11E-05	3.1589E-03
605987.14	4201081.24	163276.2759	0.00966	0.00981	0.02987	0.03009	0.06444	0.06713	4.11E-03	2.43E-06	2.50E-06	1.22E-05	1.22E-05	9.41E-06	9.78E-06	4.1352E-03
606007.14	4201081.24	161504.336	0.00984	0.01	0.03037	0.03059	0.06513	0.06807	4.06E-03	2.47E-06	2.54E-06	1.24E-05	1.24E-05	9.51E-06	9.92E-06	4.0911E-03
606027.14	4201081.24	161951.7226	0.01005	0.01022	0.03092	0.03114	0.06603	0.06918	4.07E-03	2.52E-06	2.60E-06	1.26E-05	1.26E-05	9.64E-06	1.01E-05	4.1029E-03
606047.14	4201081.24	161996.6124	0.01025	0.01043	0.03147	0.03169	0.06712	0.07043	4.07E-03	2.57E-06	2.65E-06	1.28E-05	1.29E-05	9.80E-06	1.03E-05	4.1046E-03
606067.14	4201081.24	159810.6215	0.01045	0.01063	0.03201	0.03225	0.06835	0.07178	4.02E-03	2.62E-06	2.70E-06	1.30E-05	1.31E-05	9.98E-06	1.05E-05	4.0502E-03
606087.14	4201081.24	155686.4904	0.01067	0.01085	0.03259	0.03283	0.06965	0.07316	3.92E-03	2.68E-06	2.76E-06	1.33E-05	1.33E-05	1.02E-05	1.07E-05	3.9470E-03
606107.14	4201081.24	150560.1547	0.01089	0.01109	0.03321	0.03345	0.07098	0.07453	3.79E-03	2.73E-06	2.82E-06	1.35E-05	1.36E-05	1.04E-05	1.09E-05	3.8188E-03
606127.14	4201081.24	144937.235	0.01111	0.01132	0.03382	0.03406	0.07231	0.07584	3.64E-03	2.79E-06	2.88E-06	1.38E-05	1.38E-05	1.06E-05	1.11E-05	3.6780E-03
606147.14	4201081.24	139666.4912	0.01135	0.01156	0.03447	0.03472	0.0736	0.07711	3.51E-03	2.85E-06	2.94E-06	1.40E-05	1.41E-05	1.07E-05	1.12E-05	3.5461E-03
606167.14	4201081.24	134981.6007	0.01161	0.01183	0.03516	0.03541	0.07481	0.07826	3.39E-03	2.92E-06	3.01E-06	1.43E-05	1.44E-05	1.09E-05	1.14E-05	3.4290E-03
606187.14	4201081.24	131016.9751	0.01189	0.01213	0.03591	0.03617	0.07592	0.07928	3.29E-03	2.99E-06	3.09E-06	1.46E-05	1.47E-05	1.11E-05	1.16E-05	3.3300E-03
606207.14	4201081.24	127298.7971	0.01219	0.01244	0.03669	0.03695	0.07696	0.08019	3.20E-03	3.06E-06	3.17E-06	1.49E-05	1.50E-05	1.12E-05	1.17E-05	3.2373E-03
606227.14	4201081.24	124100.0083	0.01249	0.01275	0.03747	0.03773	0.07787	0.08098	3.12E-03	3.14E-06	3.24E-06	1.53E-05	1.53E-05	1.14E-05	1.18E-05	3.1577E-03
606247.14	4201081.24	121363.3098	0.01282	0.01309	0.03831	0.03856	0.07865	0.08163	3.05E-03	3.22E-06	3.33E-06	1.56E-05	1.56E-05	1.15E-05	1.19E-05	3.0897E-03
606267.14	4201081.24	119026.5593	0.01317	0.01345	0.03916	0.03943	0.07931	0.08218	2.99E-03	3.31E-06	3.42E-06	1.60E-05	1.60E-05	1.16E-05	1.20E-05	3.0318E-03
606287.14	4201081.24	117022.7396	0.01351	0.01381	0.04003	0.04029	0.07986	0.08259	2.94E-03	3.39E-06	3.51E-06	1.63E-05	1.63E-05	1.17E-05	1.20E-05	2.9823E-03
606307.14	4201081.24	115258.9977	0.0139	0.01421	0.04095	0.04121	0.0803	0.08287	2.90E-03	3.49E-06	3.62E-06	1.67E-05	1.67E-05	1.17E-05	1.21E-05	2.9389E-03
605947.14	4201101.24	161549.8982	0.00903	0.00915	0.02904	0.02926	0.07049	0.07321	4.06E-03	2.27E-06	2.33E-06	1.18E-05	1.19E-05	1.03E-05	1.07E-05	4.0908E-03
605967.14	4201101.24	156027.0844	0.00919	0.00932	0.0295	0.02973	0.0709	0.07396	3.92E-03	2.31E-06	2.37E-06	1.20E-05	1.21E-05	1.04E-05	1.08E-05	3.9523E-03
605987.14	4201101.24	151487.9192	0.00934	0.00948	0.02995	0.03018	0.07166	0.07502	3.81E-03	2.35E-06	2.41E-06	1.22E-05	1.22E-05	1.05E-05	1.09E-05	3.8386E-03
606007.14	4201101.24	148619.6353	0.00951	0.00965	0.03044	0.03067	0.07266	0.07628	3.74E-03	2.39E-06	2.46E-06	1.24E-05	1.24E-05	1.06E-05	1.11E-05	3.7670E-03
606027.14	4201101.24	146982.7545	0.00969	0.00983	0.03095	0.03119	0.0739	0.07769	3.70E-03	2.43E-06	2.50E-06	1.26E-05	1.27E-05	1.08E-05	1.13E-05	3.7263E-03
606047.14	4201101.24	145669.0937	0.00988	0.01003	0.0315	0.03175	0.07524	0.07916	3.66E-03	2.48E-06	2.55E-06	1.28E-05	1.29E-05	1.10E-05	1.15E-05	3.6938E-03
606067.14	4201101.24	143434.5075	0.01006	0.01022	0.03204	0.0323	0.07669	0.08069	3.61E-03	2.53E-06	2.60E-06	1.31E-05	1.31E-05	1.12E-05	1.18E-05	3.6382E-03
606087.14	4201101.24	140460.6531	0.01027	0.01043	0.03264	0.0329	0.07815	0.08217	3.53E-03	2.58E-06	2.65E-06	1.33E-05	1.33E-05	1.14E-05	1.20E-05	3.5640E-03
606107.14	4201101.24	136744.3775	0.01047	0.01065	0.03325	0.03352	0.07959	0.08359	3.44E-03	2.63E-06	2.71E-06	1.35E-05	1.36E-05	1.16E-05	1.22E-05	3.4712E-03
606127.14	4201101.24	132599.0594	0.01068	0.01086	0.03386	0.03413	0.08099	0.08493	3.33E-03	2.68E-06	2.76E-06	1.38E-05	1.38E-05	1.18E-05	1.24E-05	3.3675E-03
606147.14	4201101.24	128532.1678	0.0109	0.01108	0.0345	0.03478	0.08229	0.08614	3.23E-03	2.74E-06	2.82E-06	1.41E-05	1.41E-05	1.20E-05	1.26E-05	3.2659E-03
606167.14	4201101.24	124877.3071	0.01114	0.01134	0.03522	0.03551	0.08346	0.08719	3.14E-03	2.80E-06	2.89E-06	1.43E-05	1.44E-05	1.22E-05	1.27E-05	3.1747E-03
606187.14	4201101.24	121556.9747	0.01141	0.01161	0.03598	0.03626	0.0845	0.08811	3.06E-03	2.87E-06	2.95E-06	1.47E-05	1.47E-05	1.23E-05	1.28E-05	3.0919E-03
606207.14	4201101.24	118424.956	0.01166	0.01187	0.03671	0.037	0.08542	0.08888	2.98E-03	2.93E-06	3.02E-06	1.50E-05	1.50E-05	1.25E-05	1.30E-05	3.0139E-03
606227.14	4201101.24	115892.8939	0.01196	0.01218	0.03754	0.03784	0.08617	0.08947	2.91E-03	3.00E-06	3.10E-06	1.53E-05	1.53E-05	1.26E-05	1.30E-05	2.9511E-03
606247.14	4201101.24	113412.9084	0.01227	0.01251	0.0384	0.0387	0.0868	0.08991	2.85E-03	3.08E-06	3.18E-06	1.56E-05	1.57E-05	1.27E-05	1.31E-05	2.8896E-03
606267.14	4201101.24	111239.1192	0.01259	0.01284	0.03928	0.03957	0.08727	0.09021	2.80E-03	3.16E-06	3.27E-06	1.60E-05	1.61E-05	1.27E-05	1.31E-05	2.8358E-03
606287.14	4201101.24	109326.5525	0.01293	0.01319	0.04018	0.04049	0.08761	0.09039	2.75E-03	3.25E-06	3.36E-06	1.64E-05	1.64E-05	1.28E-05	1.32E-05	2.7886E-03
606307.14	4201101.24	107619.623	0.0133	0.01357	0.04114	0.04144	0.08782	0.09042	2.71E-03	3.34E-06	3.45E-06	1.68E-05	1.68E-05	1.28E-05	1.32E-05	2.7466E-03
605927.14	4201121.24	155538.109	0.00857	0.00868	0.02859	0.02882	0.07813	0.08126	3.91E-03	2.15E-06	2.21E-06	1.16E-05	1.17E-05	1.14E-05	1.18E-05	3.9390E-03
605947.14	4201121.24	150070.1057	0.00873	0.00885	0.02907	0.0293	0.07848	0.08201	3.77E-03	2.19E-06	2.25E-06	1.18E-05	1.19E-05	1.15E-05	1.20E-05	3.8019E-03
605967.14	4201121.24	145173.5325	0.00889	0.00901	0.02954	0.02978	0.07926	0.08314	3.65E-03	2.23E-06	2.29E-06	1.20E-05	1.21E-05	1.16E-05	1.21E-05	3.6793E-03
605987.14	4201121.24	141118.684	0.00905	0.00917	0.03003	0.03027	0.08037	0.08454	3.55E-03	2.27E-06	2.33E-06	1.22E-05	1.23E-05	1.17E-05	1.23E-05	3.5778E-03
606007.14	4201121.24	137803.1568	0.0092	0.00932	0.03049	0.03074	0.08175	0.08615	3.47E-03	2.31E-06	2.37E-06	1.24E-05	1.25E-05	1.19E-05	1.26E-05	3.4949E-03
606027.14	4201121.24	135380.8457	0.00936	0.00949	0.03099	0.03125	0.08328	0.08782	3.40E-03	2.35E-06	2.41E-06	1.26E-05	1.27E-05	1.22E-05	1.28E-05	3.4345E-03
606047.14	4201121.24	133405.7217	0.00954	0.00967	0.03154	0.03181	0.08487	0.08949	3.35E-03	2.40E-06	2.46E-06	1.28E-05	1.29E-05	1.24E-05	1.30E-05	3.3853E-03
606067.14	4201121.24	131122.1248	0.00971	0.00985	0.03209	0.03236	0.0865	0.09113	3.30E-03	2.44E-06	2.51E-06	1.31E-05	1.31E-05	1.26E-05	1.33E-05	3.3284E-03
606087.14	4201121.24	128314.9214	0.00988	0.01002	0.03263	0.03291	0.0881	0.09268	3.23E-03	2.48E-06	2.55E-06	1.33E-05	1.33E-05	1.29E-05	1.35E-05	3.2584E-03
606107.14	4201121.24	125347.7078	0.01007	0.01022	0.03324	0.03353	0.08959	0.09408	3.15E-03	2.53E-06	2.60E-06	1.35E-05	1.36E-05	1.31E-05	1.37E-05	3.1844E-03
606127.14	4201121.24	122108.0166	0.01027	0.01043	0.03386	0.03415	0.09097	0.09533	3.07E-03	2.58E-06	2.65E-06	1.38E-05	1.39E-05	1.33E-05	1.39E-05	3.1035E-03
606147.14	4201121.24	118832.211	0.01047	0.01063	0.0345	0.0348	0.0922	0.0964	2.99E-03	2.63E-06	2.70E-06	1.41E-05	1.41E-05	1.35E-05	1.41E-05	3.0217E-03
606167.14	4201121.24	115837.322	0.0107	0.01087	0.03522	0.03553	0.09325	0.09727	2.91E-03	2.69E-06	2.77E-06	1.43E-05	1.44E-05	1.36E-05	1.42E-05	2.9471E-03
606187.14	4201121.24	112991.1879	0.01094	0.01112	0.03595	0.03627	0.09416	0.09796	2.84E-03	2.75E-06	2.83E-06	1.46E-05	1.47E-05	1.38E-05	1.43E-05	2.8763E-03
606207.14	4201121.24	110409.2962	0.01119	0.01138	0.03673	0.03705	0.09487	0.09847	2.78E-03	2.81E-06	2.90E-06	1.50E-05	1.50E-05	1.39E-05	1.44E-05	2.8121E-03
606227.14	4201121.24	108167.2368	0.01146	0.01166	0.03756	0.03789	0.09539	0.09881	2.72E-03	2.88E-06	2.97E-06	1.53E-05	1.54E-05	1.39E-05	1.44E-05	2.7566E-03
606247.14	4201121.24	106150.0896	0.01174	0.01195	0.03841	0.03873	0.09576	0.09897	2.67E-03	2.95E-06	3.04E-06	1.56E-05	1.57E-05	1.40E-05	1.44E-05	2.7067E-03
606267.14	4201121.24	104287.737	0.01205	0.01227	0.03931	0.03964	0.09598	0.09896	2.62E-03	3.03E-06	3.12E-06	1.60E-05	1.61E-05	1.40E-05	1.44E-05	2.6607E-03
606287.14	4201121.24	102496.6729	0.01239	0.01262	0.04027	0.0406	0.09602	0.0988	2.58E-03	3.11E-06	3.21E-06	1.64E-05	1.65E-05	1.40E-05	1.44E-05	2.6167E-03
606307.14	4201121.24	100869.8531	0.01274	0.01298	0.04126	0.04159	0.09592	0.09853	2.54E-03	3.20E-06	3.30E-06	1.68E-05	1.69E-05	1.40E-05	1.44E-05	2.5767E-03
605907.14	4201141.24	149463.5137	0.00814	0.00823	0.02811	0.02835	0.08722	0.09083	3.76E-03	2.04E-06	2.09E-06	1.14E-05	1.15E-05	1.27E-05	1.32E-05	3.7856E-03
605927.14	4201141.24	144259.4409	0.00829	0.00839	0.02858	0.02882	0.08753	0.09161	3.63E-03	2.08E-06	2.13E-06	1.16E-05	1.17E-05	1.28E-05	1.34E-05	3.6552E-03
605947.14	4201141.24	139434.4096	0.00844	0.00854	0.02905	0.0293	0.08833	0.09284	3.51E-03	2.12E-06	2.17E-06	1.18E-05	1.19E-05	1.29E-05	1.35E-05	3.5343E-03
605967.14	4201141.24	135148.1138	0.0086	0.0087	0.02954	0.02979	0.08954	0.09439	3.40E-03	2.16E-06	2.21E-06	1.20E-05	1.21E-05	1.31E-05	1.38E-05	3.4270E-03
605987.14	4201141.24	131420.8976	0.00875	0.00886	0.03003	0.03028	0.09105	0.09618	3.30E-03	2.20E-06	2.25E-06	1.22E-05	1.23E-05	1.33E-05	1.40E-05	3.3338E-03
606007.14	4201141.24	128344.7675	0.0089	0.00902	0.03053	0.0308	0.09275	0.09804	3.23E-03	2.24E-06	2.29E-06	1.24E-05	1.25E-05	1.35E-05	1.43E-05	3.2569E-03
606027.14	4201141.24	125698.4037	0.00905	0.00917	0.03103	0.0313	0.09456	0.09991	3.16E-03	2.27E-06	2.33E-06	1.26E-05	1.27E-05	1.38E-05	1.46E-05	3.1909E-03
606047.14	4201141.24	123319.185	0.00921	0.00933	0.03154	0.03182	0.09638	0.10172	3.10E-03	2.31E-06	2.37E-06	1.28E-05	1.29E-05	1.41E-05	1.48E-05	3.1315E-03
606067.14	4201141.24	121067.2082	0.00937	0.0095	0.03209	0.03238	0.0981	0.10336	3.04E-03	2.35E-06	2.42E-06	1.31E-05	1.31E-05	1.43E-05	1.51E-05	3.0754E-03
606087.14	4201141.24	118467.0386	0.00952	0.00966	0.03261	0.03291	0.09974	0.10483	2.98E-03	2.39E-06	2.46E-06	1.33E-05	1.33E-05	1.46E-05	1.53E-05	3.0105E-03
606107.14	4201141.24	115806.452	0.00969	0.00983	0.03319	0.0335	0.10119	0.1061	2.91E-03	2.43E-06	2.50E-06	1.35E-05	1.36E-05	1.48E-05	1.55E-05	2.9442E-03
606127.14	4201141.24	113095.2378	0.00988	0.01002	0.03381	0.03412	0.10244	0.10714	2.84E-03	2.48E-06	2.55E-06	1.38E-05	1.38E-05	1.50E-05	1.56E-05	2.8766E-03
606147.14	4201141.24	110311.3738	0.01006	0.01021	0.03443	0.03476	0.1035	0.10797	2.77E-03	2.53E-06	2.60E-06	1.40E-05	1.41E-05	1.51E-05	1.57E-05	2.8072E-03
606167.14	4201141.24	107741.9328	0.01027	0.01042	0.03513	0.03547	0.10432	0.10854	2.71E-03	2.58E-06	2.65E-06	1.43E-05	1.44E-05	1.52E-05	1.58E-05	2.7433E-03
606187.14	4201141.24	105261.5224	0.01048	0.01064	0.03585	0.03619	0.10494	0.10891	2.65E-03	2.63E-06	2.71E-06	1.46E-05	1.47E-05	1.53E-05	1.59E-05	2.6816E-03
606207.14	4201141.24	103079.8795	0.01072	0.01089	0.03665	0.037	0.10533	0.10907	2.59E-03	2.69E-06	2.77E-06	1.49E-05	1.50E-05	1.54E-05	1.59E-05	2.6275E-03
606227.14	4201141.24	101053.9186	0.01097	0.01115	0.03747	0.03783	0.10554	0.10902	2.54E-03	2.76E-06	2.84E-06	1.53E-05	1.53E-05	1.54E-05	1.59E-05	2.5774E-03
606247.14	4201141.24	99308.99912	0.01125	0.01144	0.03836	0.03872	0.10557	0.10879	2.50E-03	2.83E-06	2.91E-06	1.56E-05	1.57E-05	1.54E-05	1.59E-05	2.5344E-03
606267.14	4201141.24	97789.37286	0.01155	0.01174	0.03929	0.03965	0.1054	0.1084	2.46E-03	2.90E-06	2.99E-06	1.60E-05	1.61E-05	1.54E-05	1.58E-05	2.4971E-03
606287.14	4201141.24	96368.16756	0.01187	0.01208	0.04027	0.04063	0.1051	0.10785	2.42E-03	2.98E-06	3.07E-06	1.64E-05	1.65E-05	1.53E-05	1.57E-05	2.4623E-03
606307.14	4201141.24	94841.92913	0.01221	0.01242	0.04128	0.04165	0.10463	0.10716	2.38E-03	3.07E-06	3.16E-06	1.68E-05	1.69E-05	1.53E-05	1.56E-05	2.4249E-03
605907.14	4201161.24	138730.2315	0.00789	0.00798	0.02813	0.02837	0.09829	0.1031	3.49E-03	1.98E-06	2.03E-06	1.15E-05	1.15E-05	1.44E-05	1.50E-05	3.5156E-03

605927.14	4201161.24	134258.5283	0.00804	0.00813	0.02861	0.02886	0.0991	0.10443	3.38E-03	2.02E-06	2.07E-06	1.17E-05	1.17E-05	1.45E-05	1.52E-05	3.4036E-03
605947.14	4201161.24	130013.6079	0.00818	0.00827	0.02907	0.02933	0.10046	0.1062	3.27E-03	2.05E-06	2.10E-06	1.18E-05	1.19E-05	1.47E-05	1.55E-05	3.2973E-03
605967.14	4201161.24	126202.6436	0.00833	0.00842	0.02955	0.02982	0.10216	0.10819	3.17E-03	2.09E-06	2.14E-06	1.20E-05	1.21E-05	1.49E-05	1.58E-05	3.2020E-03
605987.14	4201161.24	122860.9122	0.00848	0.00858	0.03005	0.03032	0.10407	0.11027	3.09E-03	2.13E-06	2.18E-06	1.22E-05	1.23E-05	1.52E-05	1.61E-05	3.1184E-03
606007.14	4201161.24	119918.3863	0.00862	0.00873	0.03056	0.03083	0.10609	0.11233	3.02E-03	2.16E-06	2.22E-06	1.24E-05	1.25E-05	1.55E-05	1.64E-05	3.0449E-03
606027.14	4201161.24	117318.8868	0.00877	0.00888	0.03106	0.03135	0.10809	0.11428	2.95E-03	2.20E-06	2.26E-06	1.27E-05	1.27E-05	1.58E-05	1.67E-05	2.9800E-03
606047.14	4201161.24	114945.2776	0.00892	0.00903	0.03158	0.03187	0.10999	0.11603	2.89E-03	2.24E-06	2.30E-06	1.29E-05	1.29E-05	1.61E-05	1.69E-05	2.9208E-03
606067.14	4201161.24	112589.9898	0.00906	0.00917	0.03209	0.03239	0.11173	0.11757	2.83E-03	2.28E-06	2.33E-06	1.31E-05	1.31E-05	1.63E-05	1.71E-05	2.8621E-03
606087.14	4201161.24	110253.6713	0.00921	0.00933	0.03263	0.03294	0.11324	0.11882	2.77E-03	2.31E-06	2.37E-06	1.33E-05	1.34E-05	1.65E-05	1.73E-05	2.8039E-03
606107.14	4201161.24	107785.5078	0.00936	0.00948	0.03317	0.03349	0.11449	0.11981	2.71E-03	2.35E-06	2.41E-06	1.35E-05	1.36E-05	1.67E-05	1.75E-05	2.7423E-03
606127.14	4201161.24	105363.3652	0.00952	0.00965	0.03376	0.03409	0.11548	0.1205	2.65E-03	2.39E-06	2.46E-06	1.38E-05	1.38E-05	1.69E-05	1.76E-05	2.6820E-03
606147.14	4201161.24	102927.6317	0.00969	0.00982	0.03437	0.03471	0.11621	0.12092	2.59E-03	2.43E-06	2.50E-06	1.40E-05	1.41E-05	1.70E-05	1.76E-05	2.6213E-03
606167.14	4201161.24	100648.2807	0.00987	0.01001	0.03504	0.0354	0.11667	0.12106	2.53E-03	2.48E-06	2.55E-06	1.43E-05	1.44E-05	1.70E-05	1.76E-05	2.5646E-03
606187.14	4201161.24	98501.59303	0.01008	0.01022	0.03576	0.03613	0.11688	0.12095	2.48E-03	2.53E-06	2.60E-06	1.46E-05	1.47E-05	1.71E-05	1.76E-05	2.5113E-03
606207.14	4201161.24	96586.6151	0.01031	0.01046	0.03657	0.03694	0.11686	0.1206	2.43E-03	2.59E-06	2.66E-06	1.49E-05	1.50E-05	1.71E-05	1.76E-05	2.4640E-03
606227.14	4201161.24	94773.61852	0.01054	0.0107	0.03739	0.03777	0.11662	0.12007	2.38E-03	2.65E-06	2.72E-06	1.52E-05	1.53E-05	1.70E-05	1.75E-05	2.4192E-03
606247.14	4201161.24	93164.83836	0.0108	0.01096	0.03827	0.03865	0.11618	0.11938	2.34E-03	2.71E-06	2.79E-06	1.56E-05	1.57E-05	1.70E-05	1.74E-05	2.3796E-03
606267.14	4201161.24	91731.16123	0.01107	0.01125	0.03919	0.03959	0.1156	0.1185	2.31E-03	2.78E-06	2.86E-06	1.60E-05	1.61E-05	1.69E-05	1.73E-05	2.3444E-03
606287.14	4201161.24	90500.08817	0.01138	0.01156	0.04019	0.04058	0.11482	0.11747	2.28E-03	2.86E-06	2.94E-06	1.64E-05	1.65E-05	1.68E-05	1.71E-05	2.3144E-03
606307.14	4201161.24	89398.54661	0.01171	0.0119	0.04124	0.04164	0.1139	0.11633	2.25E-03	2.94E-06	3.03E-06	1.68E-05	1.69E-05	1.66E-05	1.70E-05	2.2877E-03
605907.14	4201181.24	129096.5913	0.00767	0.00774	0.02816	0.02841	0.11214	0.1185	3.25E-03	1.93E-06	1.97E-06	1.15E-05	1.15E-05	1.64E-05	1.73E-05	3.2733E-03
605927.14	4201181.24	125175.6681	0.00781	0.00789	0.02863	0.02889	0.11361	0.12051	3.15E-03	1.96E-06	2.01E-06	1.17E-05	1.17E-05	1.66E-05	1.76E-05	3.1751E-03
605947.14	4201181.24	121468.4694	0.00794	0.00802	0.02909	0.02936	0.11556	0.1228	3.05E-03	1.99E-06	2.04E-06	1.18E-05	1.19E-05	1.69E-05	1.79E-05	3.0823E-03
605967.14	4201181.24	118100.6602	0.00808	0.00817	0.02958	0.02985	0.11774	0.12515	2.97E-03	2.03E-06	2.08E-06	1.20E-05	1.21E-05	1.72E-05	1.82E-05	2.9981E-03
605987.14	4201181.24	115072.0832	0.00822	0.00831	0.03008	0.03036	0.12003	0.12742	2.89E-03	2.06E-06	2.11E-06	1.23E-05	1.23E-05	1.75E-05	1.86E-05	2.9224E-03
606007.14	4201181.24	112355.144	0.00836	0.00846	0.03058	0.03087	0.12223	0.1295	2.83E-03	2.10E-06	2.15E-06	1.25E-05	1.25E-05	1.78E-05	1.89E-05	2.8546E-03
606027.14	4201181.24	109873.3478	0.0085	0.0086	0.03109	0.03139	0.12427	0.13132	2.76E-03	2.13E-06	2.19E-06	1.27E-05	1.27E-05	1.81E-05	1.91E-05	2.7927E-03
606047.14	4201181.24	107593.2817	0.00865	0.00875	0.03161	0.03192	0.12607	0.13281	2.71E-03	2.17E-06	2.23E-06	1.29E-05	1.29E-05	1.84E-05	1.94E-05	2.7358E-03
606067.14	4201181.24	105281.4382	0.00877	0.00888	0.0321	0.03241	0.12759	0.13401	2.65E-03	2.20E-06	2.26E-06	1.31E-05	1.31E-05	1.86E-05	1.95E-05	2.6782E-03
606087.14	4201181.24	103046.7255	0.00891	0.00902	0.03261	0.03294	0.12881	0.13483	2.59E-03	2.24E-06	2.29E-06	1.33E-05	1.34E-05	1.88E-05	1.97E-05	2.6225E-03
606107.14	4201181.24	100778.6975	0.00904	0.00915	0.03313	0.03347	0.1297	0.13532	2.53E-03	2.27E-06	2.33E-06	1.35E-05	1.36E-05	1.89E-05	1.97E-05	2.5659E-03
606127.14	4201181.24	98587.79078	0.00919	0.00931	0.0337	0.03405	0.13023	0.13542	2.48E-03	2.31E-06	2.37E-06	1.37E-05	1.38E-05	1.90E-05	1.97E-05	2.5114E-03
606147.14	4201181.24	96433.37102	0.00934	0.00947	0.0343	0.03466	0.13046	0.13524	2.42E-03	2.35E-06	2.41E-06	1.40E-05	1.41E-05	1.91E-05	1.97E-05	2.4578E-03
606167.14	4201181.24	94402.38524	0.00952	0.00965	0.03497	0.03534	0.13037	0.13477	2.37E-03	2.39E-06	2.46E-06	1.42E-05	1.43E-05	1.90E-05	1.96E-05	2.4073E-03
606187.14	4201181.24	92520.95955	0.00972	0.00985	0.0357	0.03608	0.13001	0.13406	2.33E-03	2.44E-06	2.51E-06	1.45E-05	1.46E-05	1.90E-05	1.95E-05	2.3607E-03
606207.14	4201181.24	90748.89209	0.00992	0.01006	0.03646	0.03686	0.12941	0.13311	2.28E-03	2.49E-06	2.56E-06	1.49E-05	1.50E-05	1.89E-05	1.94E-05	2.3169E-03
606227.14	4201181.24	89098.32454	0.01014	0.01028	0.03727	0.03767	0.1286	0.13197	2.24E-03	2.55E-06	2.62E-06	1.52E-05	1.53E-05	1.88E-05	1.92E-05	2.2762E-03
606247.14	4201181.24	87616.8666	0.01037	0.01052	0.03813	0.03855	0.12762	0.13066	2.20E-03	2.60E-06	2.68E-06	1.55E-05	1.56E-05	1.86E-05	1.90E-05	2.2397E-03
606267.14	4201181.24	86251.31025	0.01062	0.01078	0.03904	0.03946	0.12647	0.12921	2.17E-03	2.67E-06	2.74E-06	1.59E-05	1.60E-05	1.85E-05	1.88E-05	2.2063E-03
606287.14	4201181.24	85069.46834	0.0109	0.01107	0.04002	0.04045	0.12515	0.12765	2.14E-03	2.74E-06	2.82E-06	1.63E-05	1.64E-05	1.83E-05	1.86E-05	2.1775E-03
606307.14	4201181.24	84041.3047	0.01121	0.01139	0.04108	0.04151	0.12373	0.12596	2.11E-03	2.82E-06	2.90E-06	1.67E-05	1.68E-05	1.81E-05	1.84E-05	2.1527E-03
605907.14	4201201.24	120391.1676	0.00745	0.00753	0.02819	0.02846	0.12975	0.13812	3.03E-03	1.87E-06	1.92E-06	1.15E-05	1.15E-05	1.89E-05	2.01E-05	3.0543E-03
605927.14	4201201.24	116879.4916	0.00758	0.00765	0.02864	0.02891	0.13202	0.1408	2.94E-03	1.90E-06	1.95E-06	1.17E-05	1.17E-05	1.93E-05	2.05E-05	2.9664E-03
605947.14	4201201.24	113646.2938	0.00771	0.00779	0.02911	0.02938	0.13454	0.1435	2.86E-03	1.94E-06	1.98E-06	1.19E-05	1.19E-05	1.96E-05	2.09E-05	2.8855E-03
605967.14	4201201.24	110671.9537	0.00784	0.00792	0.02959	0.02987	0.1371	0.14601	2.78E-03	1.97E-06	2.02E-06	1.21E-05	1.21E-05	2.00E-05	2.13E-05	2.8112E-03
605987.14	4201201.24	107974.4844	0.00798	0.00806	0.0301	0.03039	0.13952	0.14819	2.72E-03	2.00E-06	2.05E-06	1.23E-05	1.23E-05	2.04E-05	2.16E-05	2.7439E-03
606007.14	4201201.24	105524.5922	0.00812	0.00821	0.03062	0.03091	0.14168	0.14997	2.65E-03	2.04E-06	2.09E-06	1.25E-05	1.25E-05	2.07E-05	2.19E-05	2.6827E-03
606027.14	4201201.24	103268.666	0.00826	0.00835	0.03114	0.03145	0.14348	0.15132	2.60E-03	2.07E-06	2.12E-06	1.27E-05	1.28E-05	2.10E-05	2.21E-05	2.6265E-03
606047.14	4201201.24	101078.1331	0.0084	0.00849	0.03165	0.03197	0.14492	0.15226	2.54E-03	2.11E-06	2.16E-06	1.29E-05	1.30E-05	2.12E-05	2.22E-05	2.5719E-03
606067.14	4201201.24	98918.44148	0.00852	0.00862	0.03215	0.03247	0.14595	0.15279	2.49E-03	2.14E-06	2.19E-06	1.31E-05	1.32E-05	2.13E-05	2.23E-05	2.5181E-03
606087.14	4201201.24	96734.40359	0.00863	0.00873	0.03261	0.03295	0.14663	0.15294	2.43E-03	2.17E-06	2.22E-06	1.33E-05	1.34E-05	2.14E-05	2.23E-05	2.4636E-03
606107.14	4201201.24	94601.44793	0.00875	0.00885	0.0331	0.03344	0.1469	0.15265	2.38E-03	2.20E-06	2.25E-06	1.35E-05	1.36E-05	2.15E-05	2.22E-05	2.4104E-03
606127.14	4201201.24	92551.70055	0.00888	0.00898	0.03362	0.03398	0.14676	0.152	2.33E-03	2.23E-06	2.28E-06	1.37E-05	1.38E-05	2.14E-05	2.22E-05	2.3594E-03
606147.14	4201201.24	90646.88001	0.00903	0.00914	0.03423	0.03461	0.14624	0.15099	2.28E-03	2.27E-06	2.33E-06	1.39E-05	1.40E-05	2.14E-05	2.20E-05	2.3121E-03
606167.14	4201201.24	88823.8693	0.0092	0.00931	0.03489	0.03527	0.14541	0.14971	2.23E-03	2.31E-06	2.37E-06	1.42E-05	1.43E-05	2.12E-05	2.18E-05	2.2668E-03
606187.14	4201201.24	87117.03739	0.00938	0.0095	0.0356	0.036	0.1443	0.14819	2.19E-03	2.36E-06	2.42E-06	1.45E-05	1.46E-05	2.11E-05	2.16E-05	2.2246E-03
606207.14	4201201.24	85517.21145	0.00957	0.0097	0.03636	0.03677	0.14297	0.14647	2.15E-03	2.40E-06	2.47E-06	1.48E-05	1.49E-05	2.09E-05	2.13E-05	2.1851E-03
606227.14	4201201.24	84027.3692	0.00978	0.00991	0.03717	0.03759	0.14145	0.14459	2.11E-03	2.46E-06	2.52E-06	1.51E-05	1.52E-05	2.07E-05	2.11E-05	2.1484E-03
606247.14	4201201.24	82628.10333	0.00999	0.01013	0.038	0.03844	0.13977	0.14261	2.08E-03	2.51E-06	2.58E-06	1.55E-05	1.56E-05	2.04E-05	2.08E-05	2.1140E-03
606267.14	4201201.24	81355.83422	0.01023	0.01037	0.0389	0.03934	0.13795	0.14049	2.05E-03	2.57E-06	2.64E-06	1.58E-05	1.60E-05	2.01E-05	2.05E-05	2.0828E-03
606287.14	4201201.24	80167.50726	0.01047	0.01062	0.03982	0.04027	0.13606	0.13829	2.02E-03	2.63E-06	2.70E-06	1.62E-05	1.63E-05	1.99E-05	2.02E-05	2.0538E-03
606307.14	4201201.24	79103.51088	0.01074	0.01089	0.04081	0.04127	0.13404	0.13601	1.99E-03	2.70E-06	2.77E-06	1.66E-05	1.67E-05	1.96E-05	1.98E-05	2.0280E-03
605907.14	4201221.24	112468.086	0.00725	0.00732	0.02822	0.02849	0.15245	0.16334	2.83E-03	1.82E-06	1.86E-06	1.15E-05	1.16E-05	2.23E-05	2.38E-05	2.8549E-03
605927.14	4201221.24	109397.6478	0.00737	0.00744	0.02867	0.02894	0.15545	0.16645	2.75E-03	1.85E-06	1.89E-06	1.17E-05	1.17E-05	2.27E-05	2.43E-05	2.7782E-03
605947.14	4201221.24	106527.3088	0.00749	0.00756	0.02913	0.02941	0.15841	0.16924	2.68E-03	1.88E-06	1.92E-06	1.19E-05	1.19E-05	2.31E-05	2.47E-05	2.7064E-03
605967.14	4201221.24	103831.506	0.00761	0.00769	0.02959	0.02988	0.16111	0.17153	2.61E-03	1.91E-06	1.96E-06	1.21E-05	1.21E-05	2.35E-05	2.50E-05	2.6391E-03
605987.14	4201221.24	101395.6488	0.00774	0.00782	0.03009	0.03039	0.16334	0.17322	2.55E-03	1.94E-06	1.99E-06	1.23E-05	1.23E-05	2.39E-05	2.52E-05	2.5783E-03
606007.14	4201221.24	99165.82451	0.00788	0.00796	0.03061	0.03091	0.16505	0.17426	2.49E-03	1.98E-06	2.03E-06	1.25E-05	1.25E-05	2.41E-05	2.54E-05	2.5227E-03
606027.14	4201221.24	97156.42504	0.00803	0.00811	0.03116	0.03148	0.16619	0.17466	2.44E-03	2.02E-06	2.06E-06	1.27E-05	1.28E-05	2.43E-05	2.55E-05	2.4727E-03
606047.14	4201221.24	95258.22226	0.00817	0.00826	0.03172	0.03205	0.16677	0.17452	2.40E-03	2.05E-06	2.10E-06	1.29E-05	1.30E-05	2.44E-05	2.54E-05	2.4255E-03
606067.14	4201221.24	93309.07579	0.0083	0.00839	0.03225	0.03258	0.16694	0.17397	2.35E-03	2.08E-06	2.13E-06	1.31E-05	1.32E-05	2.44E-05	2.54E-05	2.3770E-03
606087.14	4201221.24	91265.95027	0.00841	0.0085	0.03271	0.03305	0.16669	0.17307	2.30E-03	2.11E-06	2.16E-06	1.33E-05	1.34E-05	2.43E-05	2.52E-05	2.3260E-03
606107.14	4201221.24	89117.79653	0.00849	0.00858	0.03309	0.03345	0.16612	0.17182	2.24E-03	2.13E-06	2.18E-06	1.35E-05	1.36E-05	2.43E-05	2.50E-05	2.2724E-03
606127.14	4201221.24	87188.47706	0.0086	0.0087	0.03357	0.03394	0.165	0.17014	2.19E-03	2.16E-06	2.21E-06	1.37E-05	1.38E-05	2.41E-05	2.48E-05	2.2243E-03
606147.14	4201221.24	85446.20207	0.00874	0.00884	0.03416	0.03455	0.16351	0.16809	2.15E-03	2.19E-06	2.25E-06	1.39E-05	1.40E-05	2.39E-05	2.45E-05	2.1811E-03
606167.14	4201221.24	83784.47496	0.00889	0.009	0.0348	0.0352	0.16171	0.1658	2.11E-03	2.23E-06	2.29E-06	1.42E-05	1.43E-05	2.36E-05	2.42E-05	2.1399E-03
606187.14	4201221.24	82212.33578	0.00906	0.00917	0.03549	0.0359	0.15968	0.16331	2.07E-03	2.28E-06	2.33E-06	1.45E-05	1.46E-05	2.33E-05	2.38E-05	2.1010E-03
606207.14	4201221.24	80737.17284	0.00924	0.00936	0.03622	0.03665	0.15746	0.16067	2.03E-03	2.32E-06	2.38E-06	1.48E-05	1.49E-05	2.30E-05	2.34E-05	2.0646E-03
606227.14	4201221.24	79363.7373	0.00944	0.00956	0.03701	0.03745	0.15508	0.15792	2.00E-03	2.37E-06	2.43E-06	1.51E-05	1.52E-05	2.26E-05	2.30E-05	2.0308E-03
606247.14	4201221.24	78085.41837	0.00964	0.00977	0.03785	0.0383	0.15261	0.15509	1.96E-03	2.42E-06	2.49E-06	1.54E-05	1.55E-05	2.23E-05	2.26E-05	1.9995E-03
606267.14	4201221.24	76884.50498	0.00986	0.00999	0.03872	0.03918	0.15003	0.15221	1.93E-03	2.48E-06	2.54E-06	1.58E-05	1.59E-05	2.19E-05	2.22E-05	1.9701E-03
606287.14	4201221.24	75735.98155	0.01008	0.01021	0.0396	0.04007	0.1474	0.1493	1.90E-03	2.53E-06	2.60E-06	1.61E-05	1.63E-05	2.15E-05	2.18E-05	1.9420E-03
606307.14	4201221.24	74692.28755	0.01032	0.01046	0.04055	0.04103	0.14471	0.14638	1.88E-03	2.59E-06	2.66E-06	1.65E-05	1.66E-05	2.11E-05	2.13E-05	1.9167E-03
605907.14	4201241.24	105187.7949	0.00705	0.00712	0.02822	0.02851	0.18203	0.1959	2.65E-03	1.77E-06	1.81E-06	1.15E-05	1.16E-05	2.66E-05	2.86E-05	2.6718E-03
605927.14	4201241.24	102518.8236	0.00717	0.00723	0.02868	0.02896	0.18547	0.19891	2.58E-03	1.80E-06	1.84E-06	1.17E-05	1.17E-05	2.71E-05	2.90E-05	2.6051E-03
605947.14	4201241.24	99983.4529	0.00729	0.00735	0.02913	0.02943	0.1884	0.20114	2.51E-03	1.83E-06	1.87E-06	1.19E-05	1.19E-05	2.75E-05	2.93E-05	2.5418E-03
605967.14	4201241.24	97593.52642	0.0074	0.00747	0.0296	0.0299	0.19067	0.2025	2.45E-03	1.86E-06	1.90E-06	1.21E-05	1.21E-05	2.78E-05	2.95E-05	2.4821E-03
605987.14	4201241.24	95352.87372	0.00752	0.00759	0.03007	0.03038	0.19217	0.20301	2.40E-03	1.89E-06	1.93E-06	1.22E-05	1.23E-05	2.81E-05	2.96E-05	2.4262E-03
606007.14	4201241.24	93348.95243	0.00765	0.00773	0.0306	0.03091	0.19282	0.20267	2.35E-03	1.92E-06	1.97E-06	1.25E-05	1.25E-05	2.82E-05	2.95E-05	2.3763E-03
606027.14	4201241.24	91481.99811	0.00779	0.00787	0.03114	0.03146	0.19274	0.20159	2.30E-03	1.96E-06	2.00E-06	1.27E-05	1.28E-05	2.81E-05	2.94E-05	2.3299E-03
606047.14	4201241.24	89789.7872	0.00794	0.00802	0.03173	0.03206	0.19199	0.19985	2.26E-03	1.99E-06	2.04E-06	1.29E-05	1.30E-05	2.80E-05	2.91E-05	2.2879E-03
606067.14	4201241.24	88157.55432	0.00809	0.00818	0.03232	0.03267	0.19066	0.19765	2.22E-03	2.03E-06	2.08E-06	1.32E-05	1.33E-05	2.78E-05	2.88E-05	2.2474E-03
606087.14	4201241.24	86454.87082	0.00823	0.00831	0.03288	0.03323	0.18898	0.19515	2.17E-03	2.07E-06	2.11E-06	1.34E-05	1.35E-05	2.76E-05	2.84E-05	2.2051E-03
606107.14	4201241.24	84458.00708	0.0083	0.00839	0.03327	0.03363	0.18711	0.19257	2.12E-03	2.08E-06	2.13E-06	1.36E-05	1.36E-05	2.73E-05	2.81E-05	2.1553E-03
606127.14	4201241.24	82446.59962	0.00836	0.00846	0.0336	0.03398	0.1849	0.18969	2.07E-03	2.10E-06	2.15E-06	1.37E-05	1.38E-05	2.70E-05	2.76E-05	2.1050E-03
606147.14	4201241.24	80826.52531	0.00849	0.00859	0.03416	0.03455	0.18217	0.18636	2.03E-03	2.13E-06	2.19E-06	1.39E-05	1.40E-05	2.66E-05	2.72E-05	2.0648E-03
606167.14	4201241.24	79302.29338	0.00864	0.00874	0.03478	0.03519	0.1792	0.18283	1.99E-03	2.17E-06	2.22E-06	1.42E-05	1.43E-05	2.62E-05	2.66E-05	2.0270E-03
606187.14	4201241.24	77837.66778	0.00879	0.00889	0.03544	0.03586	0.17605	0.17921	1.96E-03	2.21E-06	2.26E-06	1.44E-05	1.45E-05	2.57E-05	2.61E-05	1.9908E-03
606207.14	4201241.24	76469.81187	0.00896	0.00907	0.03615	0.03659	0.17277	0.17551	1.92E-03	2.25E-06	2.31E-06	1.47E-05	1.48E-05	2.52E-05	2.56E-05	1.9571E-03
606227.14	4201241.24	75159.07242	0.00913	0.00924	0.03689	0.03734	0.16941	0.17179	1.89E-03	2.29E-06	2.35E-06	1.50E-05	1.51E-05	2.47E-05	2.50E-05	1.9248E-03
606247.14	4201241.24	73946.86072	0.00932	0.00943	0.03769	0.03815	0.16599	0.16807	1.86E-03	2.34E-06	2.40E-06	1.54E-05	1.55E-05	2.42E-05	2.45E-05	1.8951E-03
606267.14	4201241.24	72801.14373	0.00951	0.00963	0.03852	0.039	0.16255	0.16433	1.83E-03	2.39E-06	2.45E-06	1.57E-05	1.58E-05	2.37E-05	2.40E-05	1.8671E-03
606287.14	4201241.24	71700.56169	0.00971	0.00984	0.03936	0.03985	0.15911	0.16063	1.80E-03	2.44E-06	2.50E-06	1.60E-05	1.62E-05	2.32E-05	2.34E-05	1.8402E-03
606307.14	4201241.24	70669.71713	0.00992	0.01005	0.04025	0.04075	0.15568	0.15697	1.78E-03	2.49E-06	2.56E-06	1.64E-05	1.65E-05	2.27E-05	2.29E-05	1.8151E-03
605907.14	4201261.24	96973.73978	0.00676	0.00682	0.02783	0.02813	0.22201	0.23899	2.44E-03	1.70E-06	1.74E-06	1.13E-05	1.14E-05	3.24E-05	3.48E-05	2.4648E-03
605927.14	4201261.24	96035.30687	0.00696	0.00702	0.02861	0.02891	0.22404	0.23985	2.41E-03	1.75E-06	1.79E-06	1.17E-05	1.17E-05	3.27E-05	3.50E-05	2.4419E-03
605947.14	4201261.24	93954.88962	0.00709	0.00715	0.02912	0.02943	0.22583	0.24024	2.36E-03	1.78E-06	1.82E-06	1.19E-05	1.19E-05	3.30E-05	3.50E-05	2.3901E-03
605967.14	4201261.24	91820.6771	0.0072	0.00727	0.02959	0.0299	0.22676	0.23963	2.31E-03	1.81E-06	1.85E-06	1.21E-05	1.21E-05	3.31E-05	3.49E-05	2.3368E-03
605987.14	4201261.24	89820.58208	0.00732	0.00738	0.03006	0.03038	0.22658	0.23796	2.26E-03	1.84E-06	1.88E-06	1.22E-05	1.23E-05	3.31E-05	3.47E-05	2.2870E-03
606007.14	4201261.24	87958.3834	0.00744	0.00751	0.03056	0.03089	0.22541	0.2354	2.21E-03	1.87E-06	1.91E-06	1.24E-05	1.25E-05	3.29E-05	3.43E-05	2.2406E-03
606027.14	4201261.24	86280.47116	0.00757	0.00765	0.03111	0.03144	0.22333	0.23206	2.17E-03	1.90E-06	1.95E-06	1.27E-05	1.28E-05	3.26E-05	3.38E-05	2.1989E-03
606047.14	4201261.24	84723.02745	0.00772	0.00779	0.0317	0.03204	0.22057	0.22818	2.13E-03	1.94E-06	1.98E-06	1.29E-05	1.30E-05	3.22E-05	3.33E-05	2.1603E-03
606067.14	4201261.24	83320.07317	0.00788	0.00796	0.03234	0.03269	0.21723	0.2238	2.10E-03	1.98E-06	2.03E-06	1.32E-05	1.33E-05	3.17E-05	3.26E-05	2.1257E-03
606087.14	4201261.24	81978.68813	0.00805	0.00813	0.03301	0.03338	0.21347	0.21917	2.06E-03	2.02E-06	2.07E-06	1.34E-05	1.35E-05	3.12E-05	3.19E-05	2.0926E-03
606107.14	4201261.24	80370.10727	0.00817	0.00825	0.03354	0.03392	0.20974	0.21462	2.02E-03	2.05E-06	2.10E-06	1.37E-05	1.38E-05	3.06E-05	3.13E-05	2.0526E-03
606127.14	4201261.24	78374.00987	0.0082	0.00829	0.03381	0.0342	0.20614	0.2103	1.97E-03	2.06E-06	2.11E-06	1.38E-05	1.39E-05	3.01E-05	3.07E-05	2.0027E-03
606147.14	4201261.24	76771.86963	0.0083	0.00839	0.03429	0.03469	0.20197	0.20556	1.93E-03	2.08E-06	2.13E-06	1.40E-05	1.41E-05	2.95E-05	3.00E-05	1.9628E-03
606167.14	4201261.24	75240.19388	0.00841	0.00851	0.0348	0.03521	0.19768	0.2007	1.89E-03	2.11E-06	2.17E-06	1.42E-05	1.43E-05	2.89E-05	2.93E-05	1.9248E-03
606187.14	4201261.24	73845.99749	0.00855	0.00864	0.0354	0.03583	0.19325	0.19581	1.86E-03	2.15E-06	2.20E-06	1.44E-05	1.45E-05	2.82E-05	2.85E-05	1.8903E-03
606207.14	4201261.24	72561.53493	0.0087	0.0088	0.03608	0.03653	0.18876	0.19092	1.82E-03	2.18E-06	2.24E-06	1.47E-05	1.48E-05	2.76E-05	2.78E-05	1.8586E-03
606227.14	4201261.24	71364.66259	0.00887	0.00897	0.03682	0.03729	0.18426	0.18608	1.79E-03	2.23E-06	2.28E-06	1.50E-05	1.51E-05	2.69E-05	2.71E-05	1.8292E-03
606247.14	4201261.24	70228.19705	0.00904	0.00915	0.0376	0.03808	0.17981	0.18132	1.77E-03	2.27E-06	2.33E-06	1.53E-05	1.54E-05	2.63E-05	2.64E-05	1.8014E-03
606267.14	4201261.24	69126.04812	0.00922	0.00933	0.03839	0.03888	0.17542	0.17666	1.74E-03	2.32E-06	2.37E-06	1.56E-05	1.58E-05	2.56E-05	2.57E-05	1.7744E-03
606287.14	4201261.24	68069.86335	0.0094	0.00951	0.03919	0.0397	0.1711	0.17211	1.71E-03	2.36E-06	2.42E-06	1.60E-05	1.61E-05	2.50E-05	2.51E-05	1.7486E-03
606307.14	4201261.24	67052.49261	0.00958	0.0097	0.04001	0.04053	0.16687	0.16766	1.69E-03	2.41E-06	2.47E-06	1.63E-05	1.64E-05	2.44E-05	2.44E-05	1.7238E-03
605907.14	4201281.24	88096.2731	0.00632	0.00637	0.02678	0.02708	0.2738	0.29363	2.22E-03	1.59E-06	1.62E-06	1.09E-05	1.10E-05	4.00E-05	4.28E-05	2.2404E-03
605927.14	4201281.24	87759.80216	0.00656	0.00662	0.02778	0.02809	0.27528	0.29268	2.21E-03	1.65E-06	1.68E-06	1.13E-05	1.14E-05	4.02E-05	4.27E-05	2.2329E-03
605947.14	4201281.24	87191.96213	0.0068	0.00686	0.02875	0.02906	0.27335	0.2886	2.19E-03	1.71E-06	1.75E-06	1.17E-05	1.18E-05	3.99E-05	4.21E-05	2.2195E-03
605967.14	4201281.24	86361.49579	0.00699	0.00705	0.0295	0.02982	0.27037	0.28352	2.17E-03	1.76E-06	1.79E-06	1.20E-05	1.21E-05	3.95E-05	4.13E-05	2.1994E-03
605987.14	4201281.24	84702.81167	0.00712	0.00718	0.03004	0.03036	0.26698	0.27824	2.13E-03	1.79E-06	1.83E-06	1.22E-05	1.23E-05	3.90E-05	4.06E-05	2.1582E-03
606007.14	4201281.24	83024.91974	0.00724	0.0073	0.03054	0.03087	0.26285	0.2724	2.09E-03	1.82E-06	1.86E-06	1.24E-05	1.25E-05	3.84E-05	3.97E-05	2.1164E-03
606027.14	4201281.24	81458.80762	0.00736	0.00743	0.03106	0.03141	0.25799	0.26603	2.05E-03	1.85E-06	1.89E-06	1.27E-05	1.27E-05	3.77E-05	3.88E-05	2.0776E-03
606047.14	4201281.24	80115.48151	0.00752	0.00759	0.03169	0.03204	0.25235	0.25917	2.01E-03	1.89E-06	1.93E-06	1.29E-05	1.30E-05	3.69E-05	3.78E-05	2.0444E-03
606067.14	4201281.24	78903.89067	0.00769	0.00776	0.03238	0.03274	0.24632	0.25204	1.98E-03	1.93E-06	1.97E-06	1.32E-05	1.33E-05	3.60E-05	3.67E-05	2.0146E-03
606087.14	4201281.24	77933.86576	0.00789	0.00797	0.03319	0.03356	0.23985	0.24466	1.96E-03	1.98E-06	2.03E-06	1.35E-05	1.36E-05	3.50E-05	3.57E-05	1.9909E-03
606107.14	4201281.24	76799.58342	0.00807	0.00815	0.0339	0.03429	0.23359	0.23765	1.93E-03	2.03E-06	2.07E-06	1.38E-05	1.39E-05	3.41E-05	3.46E-05	1.9631E-03
606127.14	4201281.24	75170.19736	0.00816	0.00825	0.03437	0.03477	0.22796	0.2313	1.89E-03	2.05E-06	2.10E-06	1.40E-05	1.41E-05	3.33E-05	3.37E-05	1.9225E-03
606147.14	4201281.24	73484.50613	0.00823	0.00831	0.03475	0.03517	0.22236	0.22511	1.85E-03	2.07E-06	2.11E-06	1.42E-05	1.43E-05	3.25E-05	3.28E-05	1.8805E-03
606167.14	4201281.24	71869.05974	0.00829	0.00838	0.03513	0.03556	0.21669	0.21893	1.81E-03	2.08E-06	2.13E-06	1.43E-05	1.44E-05	3.16E-05	3.19E-05	1.8402E-03
606187.14	4201281.24	70395.17174	0.00838	0.00847	0.03558	0.03602	0.21093	0.21278	1.77E-03	2.10E-06	2.15E-06	1.45E-05	1.46E-05	3.08E-05	3.10E-05	1.8036E-03
606207.14	4201281.24	69066.38505	0.00849	0.00858	0.03612	0.03657	0.2052	0.20666	1.74E-03	2.13E-06	2.18E-06	1.47E-05	1.48E-05	3.00E-05	3.01E-05	1.7707E-03
606227.14	4201281.24	67902.13023	0.00863	0.00873	0.03679	0.03726	0.1995	0.20065	1.71E-03	2.17E-06	2.22E-06	1.50E-05	1.51E-05	2.91E-05	2.92E-05	1.7420E-03
606247.14	4201281.24	66505.11661	0.00879	0.00889	0.03751	0.038	0.19393	0.19481	1.67E-03	2.21E-06	2.26E-06	1.53E-05	1.54E-05	2.83E-05	2.84E-05	1.7076E-03
606267.14	4201281.24	65470.70634	0.00895	0.00906	0.03829	0.0388	0.1885	0.18915	1.65E-03	2.25E-06	2.31E-06	1.56E-05	1.57E-05	2.75E-05	2.76E-05	1.6823E-03
606287.14	4201281.24	64477.65381	0.00913	0.00923	0.0391	0.03961	0.18323	0.18368	1.62E-03	2.29E-06	2.35E-06	1.59E-05	1.61E-05	2.68E-05	2.68E-05	1.6580E-03
606307.14	4201281.24	63529.08845	0.0093	0.00942	0.03992	0.04046	0.17811	0.17839	1.60E-03	2.34E-06	2.40E-06	1.63E-05	1.64E-05	2.60E-05	2.60E-05	1.6350E-03
605907.14	4201301.24	77929.82806	0.00575	0.00579	0.02504	0.02533	0.32389	0.34872	1.96E-03	1.44E-06	1.47E-06	1.02E-05	1.03E-05	4.73E-05	5.08E-05	1.9831E-03
605927.14	4201301.24	78669.8488	0.00602	0.00607	0.02622	0.02652	0.33453	0.35478	1.98E-03	1.51E-06	1.54E-06	1.07E-05	1.08E-05	4.89E-05	5.17E-05	2.0028E-03
605947.14	4201301.24	79497.99272	0.00634	0.0064	0.02757	0.02789	0.33247	0.34855	2.00E-03	1.59E-06	1.63E-06	1.12E-05	1.13E-05	4.86E-05	5.08E-05	2.0249E-03
605967.14	4201301.24	79429.33924	0.0066	0.00666	0.02867	0.029	0.32417	0.33621	2.00E-03	1.66E-06	1.69E-06	1.17E-05	1.18E-05	4.73E-05	4.90E-05	2.0242E-03
605987.14	4201301.24	78978.97177	0.00684	0.0069	0.02965	0.02999	0.31481	0.32477	1.99E-03	1.72E-06	1.76E-06	1.21E-05	1.22E-05	4.60E-05	4.73E-05	2.0138E-03
606007.14	4201301.24	78360.24309	0.00703	0.0071	0.03044	0.03079	0.30533	0.31351	1.97E-03	1.77E-06	1.81E-06	1.24E-05	1.25E-05	4.46E-05	4.57E-05	1.9990E-03
606027.14	4201301.24	77069.05184	0.00717	0.00724	0.03105	0.0314	0.29624	0.30294	1.94E-03	1.80E-06	1.84E-06	1.26E-05	1.27E-05	4.33E-05	4.42E-05	1.9671E-03
606047.14	4201301.24	75758.21139	0.00731	0.00738	0.03162	0.03198	0.28723	0.29263	1.91E-03	1.84E-06	1.88E-06	1.29E-05	1.30E-05	4.19E-05	4.27E-05	1.9346E-03
606067.14	4201301.24	74882.55054	0.00751	0.00759	0.03245	0.03282	0.27752	0.28192	1.88E-03	1.89E-06	1.93E-06	1.32E-05	1.33E-05	4.05E-05	4.11E-05	1.9134E-03
606087.14	4201301.24	74233.76558	0.00776	0.00783	0.03338	0.03376	0.26772	0.27134	1.87E-03	1.95E-06	1.99E-06	1.36E-05	1.37E-05	3.91E-05	3.95E-05	1.8980E-03
606107.14	4201301.24	73078.12963	0.00799	0.00807	0.03425	0.03461	0.25839	0.26132	1.84E-03	2.01E-06	2.05E-06	1.40E-05	1.40E-05	3.77E-05	3.81E-05	1.8697E-03
606127.14	4201301.24	71833.96468	0.00812	0.0082	0.03484	0.03522	0.25044	0.25275	1.81E-03	2.04E-06	2.09E-06	1.42E-05	1.43E-05	3.66E-05	3.68E-05	1.8390E-03
606147.14	4201301.24	70553.64922	0.00818	0.00826	0.03524	0.03567	0.24312	0.2449	1.77E-03	2.05E-06	2.10E-06	1.44E-05	1.45E-05	3.55E-05	3.57E-05	1.8072E-03
606167.14	4201301.24	69077.87631	0.00826	0.00834	0.03571	0.03615	0.23577	0.23709	1.74E-03	2.07E-06	2.12E-06	1.45E-05	1.47E-05	3.44E-05	3.46E-05	1.7705E-03
606187.14	4201301.24	67671.50186	0.00834	0.00843	0.03619	0.03664	0.22856	0.22952	1.70E-03	2.09E-06	2.14E-06	1.47E-05	1.49E-05	3.34E-05	3.35E-05	1.7356E-03
606207.14	4201301.24	66341.59417	0.00843	0.00852	0.03668	0.03715	0.22151	0.2222	1.67E-03	2.12E-06	2.17E-06	1.49E-05	1.51E-05	3.23E-05	3.24E-05	1.7026E-03
606227.14	4201301.24	65129.18687	0.00854	0.00863	0.03725	0.03773	0.21465	0.21505	1.64E-03	2.14E-06	2.20E-06	1.52E-05	1.53E-05	3.13E-05	3.13E-05	1.6726E-03
606247.14	4201301.24	64021.96559	0.00867	0.00877	0.03789	0.0384	0.20797	0.20815	1.61E-03	2.18E-06	2.23E-06	1.54E-05	1.56E-05	3.04E-05	3.03E-05	1.6454E-03
606267.14	4201301.24	63018.63948	0.00882	0.00892	0.03864	0.03916	0.20146	0.20149	1.58E-03	2.22E-06	2.27E-06	1.57E-05	1.59E-05	2.94E-05	2.94E-05	1.6208E-03
606287.14	4201301.24	62053.02338	0.00897	0.00908	0.0394	0.03994	0.19523	0.19511	1.56E-03	2.25E-06	2.31E-06	1.60E-05	1.62E-05	2.85E-05	2.84E-05	1.5972E-03
606307.14	4201301.24	61129.44804	0.00914	0.00924	0.0402	0.04075	0.18924	0.18898	1.54E-03	2.30E-06	2.35E-06	1.64E-05	1.65E-05	2.76E-05	2.75E-05	1.5748E-03
605927.14	4201321.24	71112.52411	0.0056	0.00565	0.02505	0.02535	0.40049	0.4201	1.79E-03	1.41E-06	1.44E-06	1.02E-05	1.03E-05	5.85E-05	6.12E-05	1.8116E-03
605947.14	4201321.24	71837.61044	0.00587	0.00592	0.02619	0.02651	0.40012	0.41453	1.81E-03	1.47E-06	1.51E-06	1.07E-05	1.08E-05	5.84E-05	6.04E-05	1.8309E-03
605967.14	4201321.24	72241.9114	0.00612	0.00618	0.02732	0.02765	0.38781	0.39985	1.82E-03	1.54E-06	1.57E-06	1.11E-05	1.12E-05	5.66E-05	5.83E-05	1.8421E-03
605987.14	4201321.24	72923.49996	0.00644	0.0065	0.0287	0.02905	0.36962	0.37817	1.83E-03	1.62E-06	1.65E-06	1.17E-05	1.18E-05	5.40E-05	5.51E-05	1.8605E-03
606007.14	4201321.24	72972.30377	0.00672	0.00679	0.0299	0.03025	0.35365	0.35936	1.84E-03	1.69E-06	1.73E-06	1.22E-05	1.23E-05	5.16E-05	5.24E-05	1.8629E-03
606027.14	4201321.24	72871.48144	0.00697	0.00704	0.03094	0.0313	0.33803	0.34253	1.83E-03	1.75E-06	1.79E-06	1.26E-05	1.27E-05	4.94E-05	4.99E-05	1.8613E-03
606047.14	4201321.24	71810.60508	0.00712	0.00719	0.0316	0.03197	0.3243	0.32777	1.81E-03	1.79E-06	1.83E-06	1.29E-05	1.30E-05	4.74E-05	4.78E-05	1.8353E-03
606067.14	4201321.24	70826.90693	0.00729	0.00736	0.03231	0.03268	0.31115	0.31377	1.78E-03	1.83E-06	1.87E-06	1.32E-05	1.33E-05	4.54E-05	4.57E-05	1.8112E-03
606087.14	4201321.24	70384.31054	0.00756	0.00763	0.03335	0.03373	0.29758	0.29955	1.77E-03	1.90E-06	1.94E-06	1.36E-05	1.37E-05	4.35E-05	4.37E-05	1.8010E-03
606107.14	4201321.24	69464.44407	0.00782	0.00789	0.0343	0.03468	0.28494	0.28642	1.75E-03	1.96E-06	2.01E-06	1.40E-05	1.41E-05	4.16E-05	4.17E-05	1.7788E-03
606127.14	4201321.24	68306.60766	0.00799	0.00807	0.03501	0.03541	0.27405	0.27504	1.72E-03	2.01E-06	2.05E-06	1.43E-05	1.44E-05	4.00E-05	4.01E-05	1.7504E-03
606147.14	4201321.24	67209.32242	0.0081	0.00818	0.03559	0.036	0.26427	0.26489	1.69E-03	2.03E-06	2.08E-06	1.45E-05	1.46E-05	3.86E-05	3.86E-05	1.7233E-03
606167.14	4201321.24	66140.86959	0.00823	0.00831	0.03623	0.03665	0.25485	0.25515	1.66E-03	2.07E-06	2.11E-06	1.48E-05	1.49E-05	3.72E-05	3.72E-05	1.6970E-03
606187.14	4201321.24	65105.41797	0.00833	0.00841	0.0368	0.03727	0.24604	0.24603	1.64E-03	2.09E-06	2.14E-06	1.50E-05	1.51E-05	3.59E-05	3.59E-05	1.6715E-03
606207.14	4201321.24	63989.80117	0.00842	0.00851	0.03735	0.03783	0.23761	0.23741	1.61E-03	2.11E-06	2.17E-06	1.52E-05	1.53E-05	3.47E-05	3.46E-05	1.6440E-03
606227.14	4201321.24	62791.83114	0.00852	0.00861	0.03792	0.03842	0.22952	0.22911	1.58E-03	2.14E-06	2.19E-06	1.54E-05	1.56E-05	3.35E-05	3.34E-05	1.6144E-03
606247.14	4201321.24	61700.01522	0.00864	0.00873	0.03856	0.03909	0.22169	0.22115	1.55E-03	2.17E-06	2.22E-06	1.57E-05	1.59E-05	3.24E-05	3.22E-05	1.5875E-03
606267.14	4201321.24	60676.53553	0.00877	0.00887	0.03925	0.03979	0.21421	0.21352	1.53E-03	2.20E-06	2.26E-06	1.60E-05	1.61E-05	3.13E-05	3.11E-05	1.5624E-03
606287.14	4201321.24	59737.21828	0.00892	0.00902	0.04002	0.04057	0.20702	0.20623	1.50E-03	2.24E-06	2.29E-06	1.63E-05	1.65E-05	3.02E-05	3.01E-05	1.5395E-03
606307.14	4201321.24	58807.42707	0.00906	0.00916	0.04077	0.04134	0.20015	0.19929	1.48E-03	2.28E-06	2.33E-06	1.66E-05	1.68E-05	2.92E-05	2.90E-05	1.5168E-03
605947.14	4201341.24	66869.66523	0.00562	0.00567	0.02574	0.02605	0.47717	0.48608	1.68E-03	1.41E-06	1.44E-06	1.05E-05	1.06E-05	6.97E-05	7.08E-05	1.7055E-03
605967.14	4201341.24	66814.78377	0.00581	0.00586	0.02659	0.02691	0.45684	0.46242	1.68E-03	1.46E-06	1.49E-06	1.08E-05	1.09E-05	6.67E-05	6.74E-05	1.7049E-03
605987.14	4201341.24	68042.17082	0.00616	0.00622	0.02813	0.02847	0.43103	0.43529	1.71E-03	1.55E-06	1.58E-06	1.15E-05	1.15E-05	6.29E-05	6.34E-05	1.7372E-03
606007.14	4201341.24	68544.19553	0.00647	0.00653	0.0295	0.02986	0.40487	0.40712	1.72E-03	1.62E-06	1.66E-06	1.20E-05	1.21E-05	5.91E-05	5.93E-05	1.7511E-03
606027.14	4201341.24	68297.79433	0.00671	0.00678	0.03056	0.03093	0.38326	0.38475	1.72E-03	1.69E-06	1.72E-06	1.24E-05	1.25E-05	5.60E-05	5.61E-05	1.7459E-03
606047.14	4201341.24	68131.3916	0.00695	0.00701	0.03157	0.03194	0.36315	0.3641	1.71E-03	1.75E-06	1.78E-06	1.29E-05	1.30E-05	5.30E-05	5.31E-05	1.7426E-03
606067.14	4201341.24	67379.22969	0.00714	0.00721	0.03238	0.03277	0.34526	0.3457	1.69E-03	1.79E-06	1.83E-06	1.32E-05	1.33E-05	5.04E-05	5.04E-05	1.7245E-03
606087.14	4201341.24	66822.88391	0.00736	0.00744	0.03332	0.03371	0.32832	0.32835	1.68E-03	1.85E-06	1.89E-06	1.36E-05	1.37E-05	4.79E-05	4.79E-05	1.7114E-03
606107.14	4201341.24	66112.76963	0.00763	0.0077	0.03433	0.0347	0.31228	0.31208	1.66E-03	1.92E-06	1.96E-06	1.40E-05	1.41E-05	4.56E-05	4.55E-05	1.6945E-03

606127.14	4201341.24	65030.77065	0.00785	0.00792	0.03514	0.03555	0.29812	0.29767	1.64E-03	1.97E-06	2.02E-06	1.43E-05	1.44E-05	4.35E-05	4.34E-05	1.6680E-03
606147.14	4201341.24	63995.25345	0.00802	0.0081	0.03589	0.03631	0.28552	0.28481	1.61E-03	2.01E-06	2.06E-06	1.46E-05	1.47E-05	4.17E-05	4.15E-05	1.6427E-03
606167.14	4201341.24	63009.15067	0.00817	0.00825	0.03658	0.03703	0.27402	0.27312	1.58E-03	2.05E-06	2.10E-06	1.49E-05	1.50E-05	4.00E-05	3.98E-05	1.6185E-03
606187.14	4201341.24	62064.34058	0.00829	0.00838	0.03724	0.03771	0.26338	0.26235	1.56E-03	2.08E-06	2.13E-06	1.52E-05	1.53E-05	3.85E-05	3.82E-05	1.5954E-03
606207.14	4201341.24	61153.30006	0.0084	0.00848	0.03787	0.03835	0.25349	0.25231	1.54E-03	2.11E-06	2.16E-06	1.54E-05	1.56E-05	3.70E-05	3.68E-05	1.5731E-03
606227.14	4201341.24	60263.89374	0.0085	0.00859	0.0385	0.039	0.24411	0.24285	1.52E-03	2.13E-06	2.19E-06	1.57E-05	1.58E-05	3.56E-05	3.54E-05	1.5513E-03
606247.14	4201341.24	59394.32008	0.00861	0.0087	0.03915	0.03969	0.2352	0.23384	1.49E-03	2.16E-06	2.21E-06	1.59E-05	1.61E-05	3.43E-05	3.41E-05	1.5300E-03
606267.14	4201341.24	58543.90859	0.00873	0.00882	0.03985	0.04041	0.22665	0.22526	1.47E-03	2.19E-06	2.24E-06	1.62E-05	1.64E-05	3.31E-05	3.28E-05	1.5093E-03
606287.14	4201341.24	57594.73928	0.00886	0.00896	0.04059	0.04117	0.21853	0.21709	1.45E-03	2.23E-06	2.28E-06	1.65E-05	1.67E-05	3.19E-05	3.16E-05	1.4861E-03
606307.14	4201341.24	56697.31013	0.00901	0.00911	0.04137	0.04197	0.2108	0.2093	1.43E-03	2.26E-06	2.32E-06	1.69E-05	1.70E-05	3.08E-05	3.05E-05	1.4642E-03
605967.14	4201361.24	63874.12868	0.00573	0.00579	0.02682	0.02715	0.53033	0.52933	1.61E-03	1.44E-06	1.47E-06	1.09E-05	1.10E-05	7.74E-05	7.72E-05	1.6311E-03
605987.14	4201361.24	64547.46754	0.00601	0.00607	0.0281	0.02846	0.49261	0.49148	1.62E-03	1.51E-06	1.54E-06	1.14E-05	1.15E-05	7.19E-05	7.16E-05	1.6492E-03
606007.14	4201361.24	64760.59212	0.00627	0.00634	0.02929	0.02966	0.45766	0.45637	1.63E-03	1.57E-06	1.61E-06	1.19E-05	1.20E-05	6.68E-05	6.65E-05	1.6557E-03
606027.14	4201361.24	64400.90859	0.00648	0.00654	0.03023	0.0306	0.42981	0.42765	1.62E-03	1.63E-06	1.66E-06	1.23E-05	1.24E-05	6.28E-05	6.23E-05	1.6475E-03
606047.14	4201361.24	64207.57072	0.00673	0.00679	0.03133	0.03172	0.40374	0.40163	1.61E-03	1.69E-06	1.73E-06	1.28E-05	1.29E-05	5.90E-05	5.85E-05	1.6437E-03
606067.14	4201361.24	63985.65466	0.00695	0.00702	0.03231	0.03271	0.38052	0.37836	1.61E-03	1.75E-06	1.79E-06	1.32E-05	1.33E-05	5.56E-05	5.51E-05	1.6390E-03
606087.14	4201361.24	63311.49728	0.00714	0.00721	0.03313	0.03353	0.36007	0.35788	1.59E-03	1.79E-06	1.83E-06	1.35E-05	1.36E-05	5.26E-05	5.22E-05	1.6228E-03
606107.14	4201361.24	62992.06197	0.0074	0.00748	0.0342	0.03462	0.34046	0.33831	1.58E-03	1.86E-06	1.90E-06	1.39E-05	1.40E-05	4.97E-05	4.93E-05	1.6158E-03
606127.14	4201361.24	61988.06127	0.00769	0.00776	0.03522	0.03563	0.32245	0.32037	1.56E-03	1.93E-06	1.97E-06	1.43E-05	1.45E-05	4.71E-05	4.67E-05	1.5915E-03
606147.14	4201361.24	61001.98869	0.00792	0.00799	0.03609	0.03654	0.30693	0.30477	1.53E-03	1.99E-06	2.03E-06	1.47E-05	1.48E-05	4.48E-05	4.44E-05	1.5675E-03
606167.14	4201361.24	60095.80139	0.00806	0.00814	0.03679	0.03725	0.29344	0.29125	1.51E-03	2.02E-06	2.07E-06	1.50E-05	1.51E-05	4.29E-05	4.25E-05	1.5454E-03
606187.14	4201361.24	59228.20343	0.00819	0.00827	0.03746	0.03795	0.281	0.27884	1.49E-03	2.06E-06	2.10E-06	1.53E-05	1.54E-05	4.10E-05	4.06E-05	1.5242E-03
606207.14	4201361.24	58385.90282	0.00831	0.00839	0.03815	0.03865	0.26943	0.26724	1.47E-03	2.09E-06	2.13E-06	1.55E-05	1.57E-05	3.93E-05	3.90E-05	1.5037E-03
606227.14	4201361.24	57567.96854	0.00844	0.00852	0.03886	0.03937	0.25861	0.25641	1.45E-03	2.12E-06	2.17E-06	1.58E-05	1.60E-05	3.78E-05	3.74E-05	1.4837E-03
606247.14	4201361.24	56772.82534	0.00856	0.00864	0.03958	0.04012	0.24842	0.24626	1.43E-03	2.15E-06	2.20E-06	1.61E-05	1.63E-05	3.63E-05	3.59E-05	1.4644E-03
606267.14	4201361.24	55996.50386	0.00869	0.00878	0.04036	0.04092	0.23879	0.23661	1.41E-03	2.18E-06	2.23E-06	1.64E-05	1.66E-05	3.49E-05	3.45E-05	1.4456E-03
606287.14	4201361.24	55245.89983	0.00882	0.00892	0.04113	0.04172	0.2297	0.22756	1.39E-03	2.22E-06	2.27E-06	1.68E-05	1.69E-05	3.35E-05	3.32E-05	1.4274E-03
606307.14	4201361.24	54516.2139	0.00897	0.00906	0.04195	0.04257	0.2211	0.21898	1.37E-03	2.25E-06	2.31E-06	1.71E-05	1.73E-05	3.23E-05	3.19E-05	1.4098E-03
605967.14	4201381.24	60803.33995	0.00562	0.00568	0.0269	0.02725	0.60404	0.59469	1.53E-03	1.41E-06	1.45E-06	1.10E-05	1.11E-05	8.82E-05	8.67E-05	1.5539E-03
605987.14	4201381.24	60876.95865	0.00582	0.00588	0.02785	0.02821	0.55611	0.54834	1.53E-03	1.46E-06	1.50E-06	1.13E-05	1.14E-05	8.12E-05	7.99E-05	1.5566E-03
606007.14	4201381.24	60852.91208	0.00603	0.00609	0.02883	0.02921	0.51385	0.50763	1.53E-03	1.51E-06	1.55E-06	1.17E-05	1.18E-05	7.50E-05	7.40E-05	1.5569E-03
606027.14	4201381.24	60641.448	0.00623	0.00629	0.02979	0.03017	0.47703	0.47123	1.52E-03	1.56E-06	1.60E-06	1.21E-05	1.22E-05	6.97E-05	6.87E-05	1.5525E-03
606047.14	4201381.24	60465.79222	0.00645	0.00652	0.03085	0.03124	0.44553	0.43988	1.52E-03	1.62E-06	1.66E-06	1.26E-05	1.27E-05	6.51E-05	6.41E-05	1.5490E-03
606067.14	4201381.24	60308.45011	0.0067	0.00677	0.03198	0.03238	0.41692	0.41186	1.52E-03	1.68E-06	1.72E-06	1.30E-05	1.31E-05	6.09E-05	6.00E-05	1.5461E-03
606087.14	4201381.24	60063.52425	0.00691	0.00698	0.03292	0.03333	0.39186	0.38725	1.51E-03	1.74E-06	1.78E-06	1.34E-05	1.35E-05	5.72E-05	5.64E-05	1.5408E-03
606107.14	4201381.24	59508.11883	0.00711	0.00718	0.03379	0.03421	0.36963	0.36535	1.50E-03	1.79E-06	1.83E-06	1.38E-05	1.39E-05	5.40E-05	5.33E-05	1.5277E-03
606127.14	4201381.24	59188.2529	0.00739	0.00746	0.03494	0.03537	0.3485	0.34458	1.49E-03	1.86E-06	1.90E-06	1.42E-05	1.43E-05	5.09E-05	5.02E-05	1.5207E-03
606147.14	4201381.24	58279.37273	0.00769	0.00776	0.03599	0.03644	0.32935	0.3257	1.47E-03	1.93E-06	1.97E-06	1.47E-05	1.48E-05	4.81E-05	4.75E-05	1.4989E-03
606167.14	4201381.24	57396.84129	0.00791	0.00799	0.0369	0.03736	0.31292	0.30941	1.44E-03	1.99E-06	2.03E-06	1.50E-05	1.52E-05	4.57E-05	4.51E-05	1.4775E-03
606187.14	4201381.24	56577.31968	0.00807	0.00815	0.03765	0.03814	0.29846	0.29508	1.42E-03	2.03E-06	2.07E-06	1.53E-05	1.55E-05	4.36E-05	4.30E-05	1.4576E-03
606207.14	4201381.24	55793.89343	0.00822	0.00829	0.03839	0.0389	0.2852	0.28192	1.40E-03	2.06E-06	2.11E-06	1.56E-05	1.58E-05	4.16E-05	4.11E-05	1.4386E-03
606227.14	4201381.24	55045.76816	0.00833	0.00841	0.03908	0.03962	0.27303	0.26985	1.38E-03	2.09E-06	2.14E-06	1.59E-05	1.61E-05	3.99E-05	3.93E-05	1.4204E-03
606247.14	4201381.24	54312.22982	0.00846	0.00854	0.03983	0.04039	0.26155	0.25852	1.37E-03	2.12E-06	2.17E-06	1.62E-05	1.64E-05	3.82E-05	3.77E-05	1.4027E-03
606267.14	4201381.24	53594.39472	0.0086	0.00869	0.04063	0.04122	0.25079	0.24783	1.35E-03	2.16E-06	2.21E-06	1.65E-05	1.67E-05	3.66E-05	3.61E-05	1.3854E-03
606287.14	4201381.24	52897.58932	0.00875	0.00884	0.04148	0.04209	0.24068	0.23779	1.33E-03	2.20E-06	2.25E-06	1.69E-05	1.71E-05	3.51E-05	3.47E-05	1.3686E-03
606307.14	4201381.24	52220.75589	0.00891	0.009	0.04236	0.04301	0.23112	0.22835	1.31E-03	2.24E-06	2.29E-06	1.73E-05	1.74E-05	3.38E-05	3.33E-05	1.3524E-03
605987.14	4201401.24	57396.28527	0.00563	0.00569	0.02757	0.02793	0.61826	0.60326	1.44E-03	1.41E-06	1.45E-06	1.12E-05	1.13E-05	9.03E-05	8.79E-05	1.4688E-03
606007.14	4201401.24	57238.60437	0.00579	0.00586	0.0284	0.02878	0.56859	0.55589	1.44E-03	1.45E-06	1.49E-06	1.16E-05	1.17E-05	8.30E-05	8.10E-05	1.4656E-03
606027.14	4201401.24	57027.53631	0.00597	0.00603	0.02927	0.02966	0.52522	0.51482								
606047.14	4201401.24	56790.98672	0.00616	0.00622	0.03019	0.03059	0.48698	0.47819								
606067.14	4201401.24	56511.2067	0.00635	0.00642	0.03114	0.03155	0.45433	0.44606								
606087.14	4201401.24	56208.7648	0.00656	0.00663	0.03212	0.03254	0.42521	0.41787								
606107.14	4201401.24	55809.90428	0.00675	0.00682	0.03304	0.03347	0.39931	0.39271								
606127.14	4201401.24	55606.67018	0.00696	0.00703	0.034	0.03444	0.37597	0.37								
606147.14	4201401.24	55243.18107	0.00719	0.00726	0.03504	0.0355	0.35467	0.34923								
606167.14	4201401.24	54950.83548	0.00744	0.00752	0.03613	0.0366	0.33526	0.3303								
606187.14	4201401.24	54221.78791	0.00767	0.00774	0.03709	0.03755	0.3179	0.31328								
606207.14	4201401.24	53475.26529	0.00788	0.00796	0.03799	0.03849	0.30223	0.29786								
606227.14	4201401.24	52743.07381	0.00809	0.00817	0.03892	0.03946	0.28789	0.28375								
606247.14	4201401.24	52038.68819	0.00828	0.00835	0.03982	0.04038	0.27479	0.27085								
606267.14	4201401.24	51358.38284	0.00846	0.00853	0.04073	0.04132	0.2627	0.25895								
606287.14	4201401.24	50697.5239	0.00865	0.00872	0.04169	0.04231	0.25141	0.24782								
606307.14	4201401.24	50066.3593	0.00882	0.00889	0.04261	0.04326	0.24095	0.2375								
606325.06	4201067.99	119456.4225	0.01474	0.01509	0.04168	0.04191	0.07602	0.07845								
606345.06	4201067.99	117933.8282	0.01521	0.01558	0.04269	0.04291	0.07637	0.07864								
606365.06	4201067.99	116453.4621	0.0157	0.0161	0.04371	0.04394	0.07659	0.07875								
606385.06	4201067.99	114982.506	0.01618	0.0166	0.04475	0.04498	0.07676	0.07876								
606405.06	4201067.99	113454.911	0.01669	0.01713	0.04582	0.04605	0.07683	0.07868								
606325.06	4201087.99	111133.6387	0.01407	0.01438	0.04192	0.04219	0.08298	0.08542								
606345.06	4201087.99	109634.3809	0.0145	0.01483	0.04294	0.04321	0.08312	0.08541								
606365.06	4201087.99	108198.2804	0.01495	0.0153	0.04397	0.04424	0.08314	0.08528								
606385.06	4201087.99	106779.5535	0.0154	0.01577	0.04502	0.0453	0.08307	0.08508								
606405.06	4201087.99	105333.1747	0.01587	0.01626	0.04612	0.04641	0.08294	0.08478								
606325.06	4201107.99	103863.3092	0.01345	0.01373	0.04209	0.0424	0.09048	0.09292								
606345.06	4201107.99	102402.7012	0.01387	0.01416	0.04314	0.04345	0.09034	0.09263								
606365.06	4201107.99	101005.2779	0.01429	0.01459	0.0442	0.04451	0.09012	0.09223								
606385.06	4201107.99	99641.03913	0.01471	0.01503	0.04526	0.04559	0.08979	0.09174								
606405.06	4201107.99	98270.13888	0.01514	0.01548	0.04637	0.0467	0.08937	0.09118								
606325.06	4201127.99	97435.97027	0.01288	0.01312	0.04219	0.04254	0.09851	0.10091								
606345.06	4201127.99	96027.5951	0.01328	0.01354	0.04328	0.04363	0.09805	0.10026								
606365.06	4201127.99	94675.24289	0.01369	0.01396	0.04437	0.04473	0.09752	0.09954								
606385.06	4201127.99	93364.93883	0.01408	0.01437	0.04546	0.04583	0.09688	0.09874								
606405.06	4201127.99	92058.89061	0.0145	0.0148	0.04659	0.04697	0.09615	0.09787								
606325.06	4201147.99	91687.6239	0.01235	0.01257	0.04223	0.04263	0.10705	0.10937								
606345.06	4201147.99	90347.02973	0.01273	0.01296	0.04335	0.04374	0.10623	0.10833								
606365.06	4201147.99	89045.50592	0.01314	0.01338	0.04452	0.04491	0.10528	0.10721								
606385.06	4201147.99	87789.10289	0.01353	0.01378	0.04564	0.04604	0.1043	0.10603								
606405.06	4201147.99	86549.29917	0.01393	0.01419	0.04678	0.04719	0.10323	0.10478								
606325.06	4201167.99	86500.97846	0.01185	0.01205	0.0422	0.04261	0.1161	0.11826								
606345.06	4201167.99	85236.44807	0.01222	0.01243	0.04336	0.04378	0.11481	0.11677								
606365.06	4201167.99	83997.75089	0.01264	0.01285	0.0446	0.04503	0.11343	0.11517								
606385.06	4201167.99	82800.34456	0.01302	0.01324	0.04576	0.0462	0.11203	0.11358								
606405.06	4201167.99	81628.89612	0.01339	0.01363	0.04692	0.04736	0.11056	0.11194								
606325.06	4201187.99	81598.8466	0.01137	0.01154	0.04206	0.0425	0.1256	0.12756								
606345.06	4201187.99	80600.63229	0.01173	0.01192	0.04327	0.04371	0.1238	0.12552								
606365.06	4201187.99	79443.29634	0.01213	0.01232	0.04455	0.04501	0.12193	0.12345								
606385.06	4201187.99	78297.853	0.01255	0.01275	0.04585	0.04632	0.11999	0.12135								
606405.06	4201187.99	77193.22535	0.01291	0.01312	0.04702	0.0475	0.11811	0.11927								
606325.06	4201207.99	76745.43171	0.01086	0.01101	0.0417	0.04217	0.13553	0.13722								
606345.06	4201207.99	76002.80178	0.01121	0.01137	0.04293	0.04341	0.13316	0.13461								
606365.06	4201207.99	75290.33151	0.01161	0.01178	0.04429	0.04478	0.13072	0.13198								
606385.06	4201207.99	74224.81045	0.01205	0.01223	0.04575	0.04625	0.12825	0.12932								
606405.06	4201207.99	73169.90351	0.01246	0.01265	0.04709	0.0476	0.12581	0.12673								
606325.06	4201227.99	72433.55288	0.01041	0.01055	0.04135	0.04184	0.14574	0.14709								
606345.06	4201227.99	71578.76962	0.01069	0.01084	0.04244	0.04294	0.14277	0.14392								
606365.06	4201227.99	70903.27552	0.01104	0.0112	0.04373	0.04424	0.13978	0.14074								
606385.06	4201227.99	70492.62266	0.0115	0.01166	0.04531	0.04583	0.13672	0.13751								
606405.06	4201227.99	69504.84818	0.01201	0.01218	0.04704	0.04758	0.13366	0.13428								
606325.06	4201247.99	68520.20963	0.00999	0.01012	0.04095	0.04146	0.15617	0.15712								
606345.06	4201247.99	67644.45868	0.01023	0.01037	0.04196	0.04248	0.15254	0.1533								
606365.06	4201247.99	66819.46263	0.0105	0.01063	0.04303	0.04355	0.14898	0.14955								
606325.06	4201267.99	64761.85918	0.00965	0.00977	0.04073	0.04126	0.16669	0.16716								
606345.06	4201267.99	63843.50935	0.00985	0.00997	0.04159	0.04213	0.16237	0.16268								
606365.06	4201267.99	62983.39726	0.01005	0.01018	0.0425	0.04305	0.15815	0.15831								
606325.06	4201287.99	61777.86599	0.0094	0.00951	0.04075	0.04129	0.17719	0.17715								
606345.06	4201287.99	60906.18682	0.00958	0.0097	0.04161	0.04216	0.17211	0.17195								
606365.06	4201287.99	60091.07773	0.00978	0.00991	0.04252	0.04308	0.1672	0.16692								
606325.06	4201307.99	59495.85508	0.00924	0.00935	0.04106	0.04162	0.18754	0.18699								
606345.06	4201307.99	58655.29496	0.00941	0.00952	0.0419	0.04248	0.18171	0.18105								
606365.06	4201307.99	57881.03366	0.00961	0.00972	0.04283	0.04342	0.17609	0.17535								
606325.06	4201327.99	57284.97996	0.00917	0.00928	0.04167	0.04227	0.19763	0.19651								
606345.06	4201327.99	56459.01254	0.00933	0.00944	0.04251	0.04312	0.19106	0.1899								
606365.06	4201327.99	55708.77288	0.00952	0.00963	0.04344	0.04406	0.18475	0.18355								
606325.06	4201347.99	55268.44739	0.00913	0.00922	0.04231	0.04293	0.20745	0.20573								
606345.06	4201347.99	54476.27711	0.00929	0.00939	0.04318	0.04382	0.20014	0.19841								
606365.06	4201347.99	53731.17265	0.00947	0.00957	0.04411	0.04476	0.19314	0.19143								
606325.06	4201367.99	53108.69491	0.00909	0.00918	0.04289	0.04353	0.21693	0.21462								
606345.06	4201367.99	52438.92881	0.00925	0.00934	0.04378	0.04444	0.2089	0.20661								
606365.06	4201367.99	51787.91844	0.00943	0.00953	0.04474	0.04543	0.20125	0.199								
606325.06	4201387.99	50903.34265	0.00903	0.00911	0.04329	0.04396	0.22614	0.22322								
606345.06	4201387.99	50278.88909	0.00921	0.00929	0.04428	0.04497	0.21733	0.2145								
606365.06	4201387.99	49673.48751	0.00939	0.00948	0.04528	0.04598	0.20903	0.20626								
606325.06	4201407.99	48836.56204	0.00893	0.009	0.0435	0.04418	0.23516	0.23162								
606345.06	4201407.99	48252.09701	0.00911	0.00919	0.04452	0.04523	0.2256	0.22217								
606365.06	4201407.99	47685.77483	0.0093	0.00938	0.04555	0.04629	0.21661	0.21331								
606461.88	4201147.93	83047.00713	0.01513	0.01543	0.05028	0.05074	0.09987	0.10099								
606481.88	4201147.93	81801.47737	0.01558	0.01589	0.05161	0.05209	0.09859	0.09959								
606501.88	4201147.93	80544.37341	0.01605	0.01639	0.05302	0.05353	0.09729	0.09816								
606461.88	4201167.93	78351.56414	0.01453	0.0148	0.05044	0.05093	0.10618	0.10713								
606481.88	4201167.93	77194.58692	0.01496	0.01524	0.05177	0.05229	0.10458	0.1054								
606501.88	4201167.93	76023.87152	0.01542	0.01571	0.05321	0.05375	0.10294	0.10364								
606461.88	4201187.93	74125.39748	0.01399	0.01423	0.05055	0.05108	0.11258	0.11335								
606481.88	4201187.93	73042.17099	0.01441	0.01466	0.05192	0.05247	0.11065	0.11126								
606501.88	4201187.93	71955.72437	0.01484	0.0151	0.05335	0.05393	0.10868	0.10918								
606461.88	4201207.93	70296.71497	0.0135	0.01371	0.05064	0.0512	0.11909	0.1196								
606481.88	4201207.93	69284.85951	0.0139	0.01412	0.05201	0.0526	0.11674	0.11716								
606501.88	4201207.93	68267.59365	0.01432	0.01455	0.05347	0.05408	0.11444	0.11472								
606461.88	4201227.93	66801.89549	0.01306	0.01325	0.05074	0.05133	0.12561	0.12586								
606481.88	4201227.93	65858.63913	0.01344	0.01363	0.05209	0.05271	0.12287	0.12302								
606501.88	4201227.93	64912.0011	0.01384	0.01404	0.05353	0.05417	0.12018	0.12025								
606461.88	4201247.93	63603.6984	0.01265	0.01282	0.0508	0.05141	0.13213	0.13209								
606481.88	4201247.93	62723.37362	0.01301	0.01319	0.05214	0.05278	0.12898	0.12886								
606501.88	4201247.93	61837.92542	0.01339	0.01358	0.05358	0.05425	0.1259	0.12569								
606461.88	4201267.93	60661.7728	0.01226	0.01242	0.05082	0.05145	0.1386	0.13826								
606481.88	4201267.93	59838.81913	0.01261	0.01277	0.05216	0.05282	0.13503	0.13462								
606501.88	4201267.93	59010.43113	0.01298	0.01315	0.0536	0.05429	0.13155	0.13107								
606461.88	4201287.93	57946.70927	0.01187	0.01202	0.05073	0.05139	0.145	0.14434								
606481.88	4201287.93	57171.56508	0.01224	0.01239	0.05218	0.05286	0.14096	0.14026								
606501.88	4201287.93	56397.55006	0.0126	0.01276	0.05361	0.05432	0.13709	0.13633								
606461.88	4201307.93	55436.20312	0.01141	0.01154	0.05029	0.05097	0.15137	0.15039								
606481.88	4201307.93	54700.84926	0.01188	0.01202	0.05212	0.05283	0.1468	0.14578								
606501.88	4201307.93	53974.50343	0.01225	0.01239	0.05361	0.05434	0.1425	0.14145								
606461.88	4201327.93	53085.81258	0.01107	0.01119	0.05011	0.0508	0.15751	0.15617								
606481.88	4201327.93	52406.58985	0.01151	0.01164	0.05191	0.05264	0.15252	0.15116								
606501.88	4201327.93	51720.74656	0.01193	0.01205	0.05358	0.05434	0.14776	0.14641								
606461.88	4201347.93	50868.45593	0.01076	0.01087	0.04995	0.05067	0.16346	0.16178								
606481.88	4201347.93	50261.61127	0.01118	0.01129	0.05169	0.05245	0.15804	0.15636								
606501.88	4201347.93	49620.20063	0.01162	0.01172	0.05348	0.05426	0.15286	0.15119								
606461.88	4201367.93	48840.75583	0.01066	0.01076	0.05048	0.05125	0.16903	0.16698								
606481.88	4201367.93	48247.06646	0.01101	0.0111	0.05197	0.05275	0.16325	0.16123								
606501.88	4201367.93	47648.50315	0.01139	0.01148	0.05358	0.05439	0.15771	0.15572								
606461.88	4201387.93	46907.64655	0.01059	0.01067	0.05105	0.05184	0.17433	0.1719								
606481.88	4201387.93	46343.77093	0.01095	0.01103	0.05261	0.05342	0.16811	0.16574								
606501.88	4201387.93	45749.48495	0.01147	0.01155	0.05465	0.05548	0.16209	0.15973								
606461.88	4201407.93	45037.44015	0.01073	0.0108	0.05219	0.05301	0.17914	0.17629								
606481.88	4201407.93	44459.96681	0.01123	0.0113	0.05413	0.05496	0.1723	0.16955								
606501.88	4201407.93	43854.35877	0.01213	0.01222	0.0565	0.05733	0.16571	0.16304								
606384.38	4201249.47	65885.26561	0.01077	0.01092	0.04421	0.04475	0.14618	0.1466								
606404.38	4201249.47	65780.74707	0.01133	0.01148	0.04622	0.04678	0.14248	0.14277								
606384.38	4201269.47	61947.26481	0.01024	0.01037	0.0434	0.04395	0.1548	0.15482								
606404.38	4201269.47	61785.36912	0.01063	0.01077	0.04498	0.04555	0.15066	0.15056								
606384.38	4201289.47	59140.59324	0.00997	0.0101	0.04345	0.04402	0.16322	0.16282								
606404.38	4201289.47	58440.04663	0.01021	0.01034	0.04451	0.0451	0.15856	0.15808								
606384.38	4201309.47	56985.5653	0.00979	0.00991	0.04379	0.04439	0.17148	0.17064								
606404.38	4201309.47	56303.34595	0.01003	0.01016	0.04487	0.04548	0.16622	0.16535								
606384.38	4201329.47	54860.88333	0.00971	0.00983	0.04443	0.04506	0.17951	0.17823								
606404.38	4201329.47	54192.57861	0.00994	0.01006	0.0455	0.04614	0.17366	0.17236								
606384.38	4201349.47	52919.44751	0.00966	0.00977	0.04512	0.04578	0.18727	0.18552								
606404.38	4201349.47	52263.88095	0.00988	0.00999	0.04618	0.04685	0.18085	0.17912								
606384.38	4201369.47	51018.72009	0.00962	0.00972	0.04577	0.04647	0.19475	0.19251								
606404.38	4201369.47	50403.33021	0.00984	0.00993	0.04683	0.04755	0.18778	0.18558								
606384.38	4201389.47	48952.64172	0.00959	0.00967	0.04635	0.04708	0.20192	0.19919								
606404.38	4201389.47	48376.77077	0.00981	0.00989	0.04745	0.0482	0.19439	0.19174								
606384.38	4201409.47	47009.58198	0.0095	0.00958	0.04665	0.04742	0.20889	0.20566								
606404.38	4201409.47	46468.48339	0.00973	0.0098	0.04782	0.0486	0.20078	0.19767								
606423.8	4201072.57	109994.106	0.01699	0.01744	0.04695	0.04721	0.07813	0.07988								

606443.8	4201072.57	108310.1901	0.01755	0.01803	0.04814	0.04841	0.07797	0.07959
606423.8	4201092.57	102248.2716	0.01615	0.01655	0.04726	0.04756	0.0841	0.0858
606443.8	4201092.57	100714.4742	0.01667	0.01709	0.04847	0.04879	0.08573	0.08531
606423.8	4201112.57	95482.92968	0.01542	0.01576	0.04752	0.04788	0.09039	0.09201
606443.8	4201112.57	94069.46291	0.0159	0.01627	0.04875	0.04912	0.08976	0.09124
606423.8	4201132.57	89522.45162	0.01477	0.01507	0.04775	0.04814	0.09696	0.09847
606443.8	4201132.57	88217.36774	0.01521	0.01553	0.04897	0.04938	0.09602	0.09738
606423.8	4201152.57	84236.71667	0.01417	0.01444	0.04792	0.04835	0.10375	0.10514
606443.8	4201152.57	83018.31911	0.01459	0.01487	0.04915	0.0496	0.10251	0.10372
606423.8	4201172.57	79503.1443	0.01363	0.01387	0.04805	0.04852	0.11078	0.11196
606443.8	4201172.57	78363.7382	0.01403	0.01427	0.04929	0.04977	0.10914	0.1102
606423.8	4201192.57	75232.18236	0.01314	0.01335	0.04816	0.04866	0.11797	0.11893
606443.8	4201192.57	74165.49662	0.01352	0.01374	0.0494	0.04992	0.11593	0.11675
606423.8	4201212.57	71354.25602	0.01269	0.01288	0.04824	0.04877	0.12528	0.12599
606443.8	4201212.57	70354.74825	0.01306	0.01325	0.0495	0.05004	0.12281	0.12338
606423.8	4201232.57	67810.96242	0.01229	0.01246	0.04831	0.04886	0.13264	0.13307
606443.8	4201232.57	66874.98239	0.01264	0.01282	0.04958	0.05015	0.12973	0.13001
606423.11	4201254.06	64368.56675	0.01182	0.01198	0.04818	0.04877	0.14075	0.14082
606443.11	4201254.06	63486.9285	0.01221	0.01237	0.04959	0.05019	0.13727	0.13723
606423.11	4201274.06	61117.76987	0.01114	0.01128	0.04715	0.04774	0.14843	0.14815
606443.11	4201274.06	60574.03792	0.01178	0.01193	0.04944	0.05007	0.14419	0.14383
606423.11	4201294.06	57806.30372	0.01058	0.01071	0.04625	0.04686	0.1559	0.15526
606443.11	4201294.06	57763.08854	0.01118	0.01131	0.04856	0.0492	0.15121	0.15052
606423.11	4201314.06	55282.42196	0.0103	0.01043	0.04627	0.0469	0.16307	0.16204
606443.11	4201314.06	54972.814	0.01076	0.01089	0.04813	0.04879	0.15796	0.15691
606423.11	4201334.06	53168.5552	0.01018	0.01029	0.04677	0.04743	0.16997	0.16854
606443.11	4201334.06	52667.09167	0.01051	0.01063	0.0482	0.04888	0.16443	0.163
606423.11	4201354.06	51286.15896	0.01011	0.01022	0.04743	0.04812	0.17661	0.17477
606443.11	4201354.06	50750.39969	0.01041	0.01051	0.04874	0.04945	0.1706	0.16879
606423.11	4201374.06	49371.32469	0.01007	0.01016	0.04811	0.04884	0.18296	0.18072
606443.11	4201374.06	48784.06256	0.01034	0.01043	0.04935	0.05011	0.17649	0.17429
606423.11	4201394.06	47402.96187	0.01003	0.01011	0.04871	0.04948	0.18904	0.18636
606443.11	4201394.06	46851.0644	0.0103	0.01038	0.04997	0.05076	0.1821	0.17949
606423.11	4201414.06	45549.87578	0.00997	0.01004	0.04912	0.04992	0.19485	0.19175
606443.11	4201414.06	45002.18633	0.01036	0.01042	0.0508	0.05161	0.18731	0.18426
606458.33	4201114.06	92577.04242	0.01621	0.01658	0.04969	0.05008	0.0897	0.09108
606478.33	4201114.06	91155.81631	0.0167	0.01709	0.05098	0.05139	0.08893	0.09018
606458.33	4201134.06	86856.61974	0.0155	0.01582	0.04992	0.05034	0.09576	0.09701
606478.33	4201134.06	85545.1356	0.01596	0.01631	0.05123	0.05168	0.09472	0.09584
606458.41	4201076.62	105444.1522	0.01778	0.01827	0.04912	0.0494	0.07891	0.08045
606478.41	4201076.62	103713.4194	0.01838	0.0189	0.05041	0.0507	0.0786	0.08
606458.41	4201096.62	98175.01304	0.0169	0.01732	0.04945	0.04979	0.08458	0.08603
606478.41	4201096.62	96625.22717	0.01744	0.01788	0.05075	0.0511	0.08402	0.08535
606487.59	4201114.96	90227.29124	0.0169	0.0173	0.05162	0.05203	0.0888	0.08999
606507.59	4201114.96	88778.24465	0.01746	0.01788	0.05305	0.05348	0.08793	0.08899
606487.59	4201134.96	84695.21062	0.01616	0.01651	0.05188	0.05235	0.09448	0.09553
606507.59	4201134.96	83370.62096	0.01666	0.01703	0.0533	0.05379	0.09334	0.09428
606487.67	4201077.52	102575.7797	0.01861	0.01914	0.05103	0.05134	0.07866	0.08001
606507.67	4201077.52	100854.3993	0.01924	0.01979	0.0524	0.05271	0.07821	0.07947
606487.67	4201097.52	95610.0991	0.01765	0.01811	0.05138	0.05175	0.08398	0.08527
606507.67	4201097.52	94053.38419	0.01822	0.01871	0.05277	0.05315	0.08333	0.08449
605889.69	4201158.66	144347.9558	0.0078	0.00788	0.02773	0.02797	0.09656	0.10067
605889.69	4201178.66	134020.4315	0.00758	0.00765	0.02776	0.02801	0.10945	0.11502
605889.69	4201198.66	124751.2946	0.00737	0.00744	0.02781	0.02806	0.12579	0.13331
605889.69	4201218.66	116304.0484	0.00717	0.00724	0.02783	0.0281	0.14691	0.15703
605889.69	4201238.66	108325.5621	0.00696	0.00702	0.02776	0.02804	0.17497	0.18832
605889.69	4201258.66	99312.43574	0.00664	0.0067	0.02728	0.02757	0.21345	0.23056
605889.69	4201278.66	90419.39713	0.00625	0.0063	0.02638	0.02668	0.26254	0.28318
605889.69	4201298.66	80006.64879	0.00571	0.00575	0.02474	0.02502	0.30855	0.33621
605876.33	4201162.41	145695.7889	0.00766	0.00774	0.02744	0.02767	0.0989	0.10285
605876.33	4201182.41	135121.6546	0.00745	0.00752	0.02747	0.02772	0.11195	0.11737
605876.33	4201202.41	125588.983	0.00725	0.00732	0.02751	0.02776	0.12854	0.13598
605876.33	4201222.41	116824.5924	0.00705	0.00711	0.0275	0.02776	0.15017	0.16034
605876.33	4201242.41	107770.9604	0.0068	0.00686	0.0273	0.02758	0.17932	0.19308
605876.33	4201262.41	98865.92029	0.00648	0.00653	0.02674	0.02703	0.21945	0.23751
605876.33	4201282.41	89770.10995	0.00609	0.00614	0.02582	0.02611	0.26679	0.28987
605876.33	4201302.41	79796.78091	0.0056	0.00565	0.02438	0.02467	0.31505	0.34604
605863.81	4201176.17	141289.299	0.00744	0.00751	0.02719	0.02744	0.10775	0.11222
605863.81	4201196.17	130945.4654	0.00723	0.0073	0.02721	0.02746	0.12273	0.12893
605863.81	4201216.17	120921.202	0.00702	0.00708	0.02717	0.02743	0.14211	0.15073
605863.81	4201236.17	111994.3818	0.00679	0.00685	0.02704	0.02731	0.16786	0.17984
605863.81	4201256.17	102924.2207	0.0065	0.00655	0.0266	0.02689	0.20332	0.21971
605863.81	4201276.17	94793.12014	0.00623	0.00628	0.02615	0.02644	0.25132	0.27093
605863.81	4201296.17	84399.11138	0.00574	0.00579	0.02474	0.02503	0.29426	0.32399
605852.79	4201178.5	142642.2951	0.00734	0.00741	0.02605	0.02719	0.10974	0.114
605852.79	4201198.5	131875.1396	0.00712	0.00719	0.02693	0.02718	0.12491	0.13083
605852.79	4201218.5	121521.9931	0.00691	0.00697	0.02687	0.02713	0.14443	0.15279
605852.79	4201238.5	112276.6925	0.00668	0.00674	0.02669	0.02696	0.17049	0.18229
605852.79	4201258.5	103286.6514	0.00641	0.00646	0.02631	0.0266	0.20622	0.22274
605852.79	4201278.5	95211.28603	0.00616	0.00621	0.02592	0.02621	0.25478	0.27441
605852.79	4201298.5	85228.67525	0.00572	0.00577	0.02469	0.02498	0.30002	0.33074
605841.72	4201197.42	133949.4807	0.00706	0.00712	0.02665	0.0269	0.12451	0.12982
605841.72	4201217.42	123792.5183	0.00685	0.00691	0.02659	0.02685	0.14334	0.15088
605841.72	4201237.42	114241.2707	0.00662	0.00668	0.02642	0.02669	0.16831	0.17913
605841.72	4201257.42	105253.2932	0.00638	0.00643	0.02612	0.02641	0.20234	0.21787
605841.72	4201277.42	97280.13698	0.00616	0.0062	0.02585	0.02614	0.24955	0.2692
605841.72	4201297.42	87973.45302	0.00579	0.00584	0.02402	0.02522	0.30006	0.32796
605829.79	4201251.28	109685.4746	0.0064	0.00645	0.026	0.02628	0.18982	0.20274
605829.79	4201271.28	101297.5516	0.00619	0.00623	0.02577	0.02606	0.23109	0.24989
605829.79	4201291.28	93488.83271	0.00597	0.00601	0.02545	0.02575	0.26755	0.31046
605818.78	4201253.61	110354.1236	0.00633	0.00638	0.0258	0.02608	0.1936	0.20608
605818.78	4201273.61	101953.1649	0.00613	0.00618	0.0256	0.02589	0.23531	0.25407
605818.78	4201293.61	94521.65516	0.00596	0.006	0.02544	0.02574	0.29517	0.31928
605807.71	4201252.53	112661.5095	0.00631	0.00636	0.02565	0.02592	0.19203	0.2032
605807.71	4201272.53	104032.4058	0.00612	0.00616	0.02548	0.02577	0.23188	0.24891
605807.71	4201292.53	96320.33934	0.00594	0.00598	0.02532	0.02562	0.28894	0.3126
605818.76	4201242.41	115473.2172	0.00645	0.0065	0.0259	0.02618	0.17559	0.18558
605831.7	4201240.74	114202.006	0.00653	0.00658	0.02617	0.02644	0.17294	0.18366
605821.68	4201230.72	120559.2384	0.00659	0.00664	0.02605	0.02631	0.15959	0.16777
605832.12	4201225.71	121279.9822	0.0067	0.00675	0.02631	0.02657	0.15301	0.16113
605779.97	4201340.44	82963.36839	0.00549	0.00553	0.02455	0.02487	0.56222	0.62399
605759.97	4201360.44	79776.2975	0.0054	0.00544	0.02455	0.02489	0.85648	1.02048
605779.97	4201360.44	75056.68876	0.0052	0.00524	0.02371	0.02403	0.76053	0.89551
605759.97	4201380.44	72805.43167	0.00516	0.0052	0.02391	0.02426	1.44208	1.78704
605779.97	4201380.44	67981.2828	0.00492	0.00496	0.02293	0.02325	1.15057	1.40012
605759.97	4201400.44	66499.37804	0.00493	0.00497	0.02328	0.02363	3.09453	3.48775
605779.97	4201400.44	63103.64544	0.00477	0.00481	0.02269	0.02302	2.16576	2.29687
605791.09	4201315.56	90401.69387	0.00573	0.00577	0.02502	0.02533	0.38597	0.42284
605791.09	4201335.56	82242.12053	0.00546	0.0055	0.02433	0.02465	0.49345	0.55806
605791.09	4201355.56	74051.40466	0.00514	0.00518	0.02339	0.0237	0.64998	0.76952
605798.95	4201281.17	101827.6593	0.00602	0.00606	0.0253	0.0256	0.25346	0.27276
605798.95	4201301.17	94332.63546	0.00585	0.00589	0.02517	0.02547	0.31966	0.34672
605798.95	4201321.17	86670.21951	0.00563	0.00567	0.02475	0.02506	0.40811	0.44078
605779.79	4201321.31	90116.82433	0.0057	0.00574	0.02498	0.0253	0.41611	0.4635
605786.18	4201298.71	96930.3487	0.00585	0.00589	0.02507	0.02537	0.30878	0.33544

Ranch EIR Residential Project Construction Parameters

Phase 3

Construction Annual DPM Emissions (PM2.5 Exhaust) **Mitigated Concentrations**

Annual Average Onsite DPM Rate (grams/m2/sec): 1.41E-09
Annual Average Offsite DPM Emission Rate - Road 1 (grams/sec): 6.02E-06
Annual Average Offsite DPM Emission Rate - Road 2 (grams/sec): 6.10E-06
Annual Average Offsite DPM Emission Rate - Road 3 (grams/sec): 9.77E-06
Annual Average Offsite DPM Emission Rate - Road 4 (grams/sec): 9.73E-06
Annual Average Offsite DPM Emission Rate - Road 5 (grams/sec): 3.50E-06
Annual Average Offsite DPM Emission Rate - Road 6 (grams/sec): 3.49E-06

X	Y	Onsite Phase 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 1 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 4 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 5 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 6 Unit Emissions VALUES AVERAGED AVERAGE CONC	Onsite Phase 3 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 1 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 2 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 3 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 4 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 5 Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite-Road 6 Annual DPM Exhaust w/Actual Emissions (ug/m3)	**Total DPM (ug/m3)**
606047.14	4201061.24	185830.2051	0.01065	0.01085	0.03139	0.03159	0.0603	0.06309	2.62E-04	6.41E-08	6.62E-08	3.07E-07	3.07E-07	2.11E-07	2.20E-07	2.6324E-04
606067.14	4201061.24	182774.1723	0.01086	0.01107	0.03193	0.03214	0.0613	0.06424	2.58E-04	6.54E-08	6.75E-08	3.12E-07	3.13E-07	2.15E-07	2.24E-07	2.5894E-04
606087.14	4201061.24	175830.86	0.0111	0.01131	0.03251	0.03272	0.06241	0.06545	2.48E-04	6.68E-08	6.90E-08	3.17E-07	3.18E-07	2.19E-07	2.29E-07	2.4915E-04
606107.14	4201061.24	167573.4324	0.01133	0.01156	0.03311	0.03333	0.06359	0.0667	2.37E-04	6.82E-08	7.05E-08	3.23E-07	3.24E-07	2.23E-07	2.33E-07	2.3750E-04
606357.31	4200991.9	164326.6741	0.01936	0.01997	0.04194	0.04193	0.05549	0.0574	2.32E-04	1.17E-07	1.22E-07	4.10E-07	4.08E-07	1.94E-07	2.01E-07	2.3318E-04
606373.3	4200990.76	163923.3575	0.01998	0.02061	0.04263	0.04261	0.0557	0.05756	2.32E-04	1.20E-07	1.26E-07	4.16E-07	4.14E-07	1.95E-07	2.01E-07	2.3263E-04
605987.14	4201081.24	163276.2759	0.00966	0.00981	0.02987	0.03009	0.06444	0.06713	2.31E-04	5.82E-08	5.98E-08	2.92E-07	2.93E-07	2.26E-07	2.35E-07	2.3134E-04
606047.14	4201081.24	161996.6124	0.01025	0.01043	0.03147	0.03169	0.06712	0.07043	2.29E-04	6.17E-08	6.36E-08	3.07E-07	3.08E-07	2.35E-07	2.46E-07	2.2957E-04
606747.8	4200848.22	161980.7128	0.07322	0.07409	0.05153	0.05004	0.03871	0.03948	2.29E-04	4.41E-07	4.52E-07	5.03E-07	4.87E-07	1.36E-07	1.38E-07	2.3069E-04
606393.3	4200990.76	161959.5082	0.02064	0.02131	0.04354	0.04351	0.05627	0.05807	2.29E-04	1.24E-07	1.30E-07	4.25E-07	4.23E-07	1.97E-07	2.03E-07	2.2988E-04
606027.14	4201081.24	161951.7226	0.01005	0.01022	0.03092	0.03114	0.06603	0.06918	2.29E-04	6.05E-08	6.23E-08	3.02E-07	3.03E-07	2.31E-07	2.42E-07	2.2950E-04
605947.14	4201101.24	161549.8982	0.00903	0.00915	0.02904	0.02926	0.07049	0.07321	2.28E-04	5.44E-08	5.58E-08	2.84E-07	2.85E-07	2.47E-07	2.56E-07	2.2888E-04
606007.14	4201081.24	161504.336	0.00984	0.01	0.03037	0.03059	0.06513	0.06807	2.28E-04	5.93E-08	6.10E-08	2.97E-07	2.98E-07	2.28E-07	2.38E-07	2.2885E-04
606067.14	4201081.24	159810.6215	0.01045	0.01063	0.03201	0.03225	0.06835	0.07178	2.26E-04	6.29E-08	6.48E-08	3.13E-07	3.14E-07	2.39E-07	2.51E-07	2.2650E-04
606413.3	4200990.76	159485.0526	0.02134	0.02204	0.04449	0.04446	0.05678	0.05851	2.25E-04	1.28E-07	1.34E-07	4.34E-07	4.32E-07	1.99E-07	2.04E-07	2.2641E-04
606127.14	4201061.24	159453.2167	0.01157	0.0118	0.03372	0.03394	0.06481	0.06796	2.25E-04	6.97E-08	7.20E-08	3.29E-07	3.30E-07	2.27E-07	2.37E-07	2.2604E-04
606687.8	4200928.22	159227.1761	0.04639	0.04837	0.05691	0.05611	0.04858	0.04946	2.25E-04	2.79E-07	2.95E-07	5.56E-07	5.46E-07	1.70E-07	1.73E-07	2.2660E-04
606320.15	4201003.05	158124.317	0.01742	0.01794	0.04046	0.0405	0.05691	0.059	2.23E-04	1.05E-07	1.09E-07	3.95E-07	3.94E-07	1.99E-07	2.06E-07	2.2437E-04
606547.8	4200968.22	156804.578	0.02991	0.03085	0.05035	0.0501	0.05428	0.05553	2.21E-04	1.80E-07	1.88E-07	4.92E-07	4.87E-07	1.90E-07	1.94E-07	2.2285E-04
606340.15	4201003.05	156664.0645	0.01806	0.01861	0.04138	0.04141	0.05763	0.05966	2.21E-04	1.09E-07	1.14E-07	4.04E-07	4.03E-07	2.02E-07	2.08E-07	2.2233E-04
606433.3	4200990.76	156504.9214	0.0221	0.02283	0.04549	0.04545	0.05722	0.05888	2.21E-04	1.33E-07	1.39E-07	4.44E-07	4.42E-07	2.00E-07	2.06E-07	2.2223E-04
605967.14	4201101.24	156027.0844	0.00919	0.00932	0.0295	0.02973	0.0709	0.07396	2.20E-04	5.53E-08	5.69E-08	2.88E-07	2.89E-07	2.48E-07	2.58E-07	2.2109E-04
606087.14	4201081.24	155686.4904	0.01067	0.01085	0.03259	0.03283	0.06965	0.07316	2.20E-04	6.42E-08	6.62E-08	3.18E-07	3.19E-07	2.44E-07	2.56E-07	2.2069E-04
605927.14	4201121.24	155538.109	0.00857	0.00868	0.02859	0.02882	0.07813	0.08126	2.20E-04	5.16E-08	5.29E-08	2.79E-07	2.80E-07	2.74E-07	2.84E-07	2.2037E-04
606771.32	4200808.57	155511.5541	0.08488	0.08498	0.04666	0.04498	0.03495	0.03568	2.20E-04	5.11E-07	5.18E-07	4.56E-07	4.37E-07	1.22E-07	1.25E-07	2.2159E-04
606767.8	4200828.22	155309.5667	0.07943	0.08004	0.04887	0.04722	0.03696	0.0377	2.19E-04	4.78E-07	4.88E-07	4.77E-07	4.59E-07	1.29E-07	1.32E-07	2.2129E-04
606567.8	4200968.22	155101.7297	0.03113	0.03214	0.05163	0.05136	0.05443	0.05562	2.19E-04	1.87E-07	1.96E-07	5.04E-07	5.00E-07	1.91E-07	1.94E-07	2.2048E-04
606355.59	4201005.6	153451.2372	0.01844	0.01901	0.04216	0.0422	0.05877	0.06076	2.17E-04	1.11E-07	1.16E-07	4.12E-07	4.10E-07	2.06E-07	2.12E-07	2.1781E-04
606453.3	4200990.76	153170.2675	0.02291	0.02369	0.04655	0.04649	0.05759	0.05918	2.16E-04	1.38E-07	1.45E-07	4.55E-07	4.52E-07	2.02E-07	2.07E-07	2.1755E-04
606587.8	4200968.22	152778.972	0.03253	0.03359	0.05298	0.05268	0.05453	0.05565	2.16E-04	1.96E-07	2.05E-07	5.17E-07	5.12E-07	1.91E-07	1.94E-07	2.1724E-04
606147.14	4201061.24	152288.6176	0.01182	0.01207	0.03436	0.03457	0.06603	0.06918	2.15E-04	7.12E-08	7.36E-08	3.36E-07	3.36E-07	2.31E-07	2.42E-07	2.1594E-04
606375.59	4201005.6	151781.5209	0.01908	0.01968	0.0431	0.04313	0.05936	0.06128	2.14E-04	1.15E-07	1.20E-07	4.21E-07	4.19E-07	2.08E-07	2.14E-07	2.1548E-04
606747.8	4200868.22	151565.5533	0.06964	0.07075	0.05426	0.05284	0.04093	0.0417	2.14E-04	4.19E-07	4.32E-07	5.30E-07	5.14E-07	1.43E-07	1.46E-07	2.1599E-04
605987.14	4201101.24	151487.9192	0.00934	0.00948	0.02995	0.03018	0.07166	0.07502	2.14E-04	5.62E-08	5.78E-08	2.92E-07	2.94E-07	2.51E-07	2.62E-07	2.1469E-04
606667.8	4200948.22	151245.625	0.04148	0.04302	0.05802	0.05727	0.05146	0.05238	2.14E-04	2.50E-07	2.62E-07	5.67E-07	5.57E-07	1.80E-07	1.83E-07	2.1528E-04
606107.14	4201081.24	150560.1547	0.01089	0.01109	0.03321	0.03345	0.07098	0.07453	2.13E-04	6.56E-08	6.76E-08	3.24E-07	3.25E-07	2.49E-07	2.60E-07	2.1346E-04
605947.14	4201121.24	150070.1057	0.00873	0.00885	0.02907	0.0293	0.07848	0.08201	2.12E-04	5.26E-08	5.40E-08	2.84E-07	2.85E-07	2.75E-07	2.87E-07	2.1266E-04
606607.8	4200968.22	149858.7241	0.03386	0.03499	0.05441	0.05408	0.05458	0.05565	2.12E-04	2.04E-07	2.13E-07	5.31E-07	5.26E-07	1.91E-07	1.94E-07	2.1316E-04
606473.3	4200990.76	149741.2361	0.02378	0.02461	0.04765	0.04752	0.0579	0.05942	2.12E-04	1.43E-07	1.50E-07	4.65E-07	4.62E-07	2.03E-07	2.08E-07	2.1274E-04
605907.14	4201141.24	149463.5137	0.00814	0.00823	0.02811	0.02835	0.08722	0.09083	2.11E-04	4.90E-08	5.02E-08	2.75E-07	2.76E-07	3.05E-07	3.17E-07	2.1178E-04
606007.14	4201101.24	148619.6353	0.00951	0.00965	0.03044	0.03067	0.07266	0.07628	2.10E-04	5.73E-08	5.89E-08	2.97E-07	2.98E-07	2.54E-07	2.67E-07	2.1065E-04
606767.8	4200848.22	147197.3767	0.07637	0.0772	0.05195	0.05034	0.03902	0.03976	2.08E-04	4.60E-07	4.71E-07	5.07E-07	4.90E-07	1.37E-07	1.39E-07	2.0985E-04
606707.8	4200928.22	147056.2062	0.04942	0.05107	0.05904	0.05799	0.0486	0.04943	2.08E-04	2.98E-07	3.12E-07	5.77E-07	5.64E-07	1.70E-07	1.73E-07	2.0948E-04
606027.14	4201101.24	146982.7545	0.00969	0.00983	0.03095	0.03119	0.0739	0.07769	2.08E-04	5.83E-08	6.00E-08	3.02E-07	3.03E-07	2.59E-07	2.71E-07	2.0835E-04
606493.3	4200990.76	146453.9598	0.02466	0.02555	0.04863	0.04822	0.05815	0.05959	2.07E-04	1.48E-07	1.56E-07	4.75E-07	4.69E-07	2.04E-07	2.08E-07	2.0813E-04
606167.14	4201061.24	146420.0769	0.01212	0.01237	0.03507	0.03529	0.0672	0.07033	2.07E-04	7.30E-08	7.55E-08	3.42E-07	3.43E-07	2.35E-07	2.46E-07	2.0766E-04
606393.3	4201010.76	146364.1917	0.01933	0.01994	0.04407	0.04412	0.06109	0.06295	2.07E-04	1.16E-07	1.22E-07	4.30E-07	4.29E-07	2.14E-07	2.20E-07	2.0785E-04
606627.8	4200968.22	145699.6861	0.0356	0.03686	0.05591	0.05553	0.05457	0.05558	2.06E-04	2.14E-07	2.25E-07	5.46E-07	5.40E-07	1.91E-07	1.94E-07	2.0734E-04
605876.33	4201162.41	145695.7889	0.00766	0.00774	0.02744	0.02767	0.0989	0.10285								
606047.14	4201101.24	145669.0937	0.00988	0.01003	0.0315	0.03175	0.07524	0.07916	2.06E-04	5.95E-08	6.12E-08	3.08E-07	3.09E-07	2.63E-07	2.77E-07	2.0651E-04
605967.14	4201121.24	145173.5325	0.00889	0.00901	0.02954	0.02978	0.07926	0.08314	2.05E-04	5.35E-08	5.50E-08	2.88E-07	2.90E-07	2.78E-07	2.91E-07	2.0575E-04
606127.14	4201081.24	144937.235	0.01111	0.01132	0.03382	0.03406	0.07231	0.07584	2.05E-04	6.69E-08	6.91E-08	3.30E-07	3.31E-07	2.53E-07	2.65E-07	2.0553E-04
606787.8	4200808.22	144532.8459	0.08645	0.08689	0.04598	0.04418	0.03523	0.03594	2.04E-04	5.21E-07	5.30E-07	4.49E-07	4.30E-07	1.23E-07	1.26E-07	2.0609E-04
605889.69	4201158.66	144347.9558	0.0078	0.00788	0.02773	0.02797	0.09656	0.10067								
605927.14	4201141.24	144259.4409	0.00829	0.00839	0.02858	0.02882	0.08753	0.09161	2.04E-04	4.99E-08	5.12E-08	2.79E-07	2.80E-07	3.06E-07	3.20E-07	2.0444E-04
606413.3	4201010.76	144206.3253	0.02	0.02065	0.04508	0.04512	0.0615	0.06329	2.04E-04	1.20E-07	1.26E-07	4.40E-07	4.39E-07	2.15E-07	2.21E-07	2.0483E-04
606513.3	4200990.76	143553.6835	0.02566	0.02654	0.04975	0.0494	0.05834	0.05971	2.03E-04	1.55E-07	1.62E-07	4.86E-07	4.80E-07	2.04E-07	2.09E-07	2.0406E-04
606527.8	4200988.22	143511.1206	0.0266	0.02752	0.05041	0.05014	0.05794	0.05926	2.03E-04	1.60E-07	1.68E-07	4.92E-07	4.88E-07	2.03E-07	2.07E-07	2.0403E-04
606067.14	4201101.24	143434.5075	0.01006	0.01022	0.03204	0.0323	0.07669	0.08069	2.03E-04	6.06E-08	6.23E-08	3.13E-07	3.14E-07	2.69E-07	2.82E-07	2.0336E-04
605852.79	4201178.5	142642.2951	0.00734	0.00741	0.02695	0.02719	0.10974	0.114								
606687.8	4200948.22	142119.5581	0.04373	0.04531	0.05946	0.05861	0.05142	0.05228	2.01E-04	2.63E-07	2.76E-07	5.81E-07	5.70E-07	1.80E-07	1.83E-07	2.0244E-04
606433.3	4201010.76	141720.0644	0.02073	0.0214	0.04614	0.04618	0.06184	0.06354	2.00E-04	1.25E-07	1.31E-07	4.51E-07	4.49E-07	2.17E-07	2.22E-07	2.0135E-04
606547.8	4200988.22	141346.4949	0.02764	0.02864	0.05181	0.05139	0.05805	0.0593	2.00E-04	1.66E-07	1.75E-07	5.06E-07	5.00E-07	2.03E-07	2.07E-07	2.0101E-04
605863.81	4201176.17	141289.299	0.00744	0.00751	0.02719	0.02744	0.10775	0.11222								
606187.14	4201061.24	141222.0466	0.01242	0.01269	0.03581	0.03603	0.06835	0.07141	1.99E-04	7.48E-08	7.74E-08	3.50E-07	3.50E-07	2.39E-07	2.50E-07	2.0034E-04
605987.14	4201121.24	141118.684	0.00905	0.00917	0.03003	0.03027	0.08037	0.08454	1.99E-04	5.45E-08	5.59E-08	2.93E-07	2.94E-07	2.81E-07	2.95E-07	2.0004E-04
606647.8	4200968.22	140672.2008	0.03714	0.03842	0.05748	0.05706	0.05454	0.05549	1.99E-04	2.24E-07	2.34E-07	5.61E-07	5.55E-07	1.91E-07	1.94E-07	2.0028E-04
606087.14	4201101.24	140460.6531	0.01027	0.01043	0.03264	0.0329	0.07815	0.08217	1.98E-04	6.18E-08	6.36E-08	3.19E-07	3.20E-07	2.74E-07	2.87E-07	1.9918E-04
606787.8	4200828.22	140336.6	0.08291	0.08356	0.04949	0.04763	0.03723	0.03795	1.98E-04	4.99E-07	5.10E-07	4.83E-07	4.63E-07	1.30E-07	1.33E-07	2.0019E-04
606147.14	4201081.24	139666.4912	0.01135	0.01156	0.03447	0.03472	0.0736	0.07711	1.97E-04	6.83E-08	7.05E-08	3.37E-07	3.38E-07	2.58E-07	2.69E-07	1.9810E-04
606755.19	4200886.81	139503.3263	0.06602	0.06742	0.05665	0.05528	0.04331	0.04406	1.97E-04	3.98E-07	4.11E-07	5.53E-07	5.38E-07	1.52E-07	1.54E-07	1.9896E-04
605947.14	4201141.24	139434.4096	0.00844	0.00854	0.02905	0.0293	0.08833	0.09284	1.97E-04	5.08E-08	5.21E-08	2.84E-07	2.85E-07	3.09E-07	3.24E-07	1.9763E-04
606567.8	4200988.22	139214.583	0.02894	0.02986	0.05285	0.0527	0.05809	0.05927	1.97E-04	1.74E-07	1.82E-07	5.16E-07	5.13E-07	2.03E-07	2.07E-07	1.9804E-04
606767.8	4200868.22	139104.5775	0.07232	0.07347	0.05474	0.0532	0.04122	0.04196	1.96E-04	4.35E-07	4.48E-07	5.35E-07	5.17E-07	1.44E-07	1.47E-07	1.9843E-04
606453.3	4201010.76	139017.1707	0.02148	0.0222	0.04724	0.04727	0.06211	0.06372	1.96E-04	1.29E-07	1.35E-07	4.61E-07	4.60E-07	2.17E-07	2.23E-07	1.9756E-04
605907.14	4201161.24	138730.2315	0.00789	0.00798	0.02813	0.02837	0.09829	0.1031	1.96E-04	4.75E-08	4.87E-08	2.75E-07	2.76E-07	3.44E-07	3.60E-07	1.9661E-04
606007.14	4201121.24	137803.1568	0.0092	0.00932	0.03049	0.03074	0.08175	0.08615	1.95E-04	5.54E-08	5.69E-08	2.98E-07	2.99E-07	2.86E-07	3.01E-07	1.9537E-04
606207.14	4201061.24	136881.5232	0.01275	0.01303	0.03658	0.0368	0.06941	0.0724	1.93E-04	7.68E-08	7.95E-08	3.57E-07	3.58E-07	2.43E-07	2.53E-07	1.9423E-04
606587.8	4200988.22	136823.9287	0.03022	0.03122	0.05426	0.05409	0.05809	0.0592	1.93E-04	1.82E-07	1.90E-07	5.30E-07	5.26E-07	2.03E-07	2.07E-07	1.9470E-04
606107.14	4201101.24	136744.3775	0.01047	0.01065	0.03325	0.03352	0.07959	0.08359	1.93E-04	6.30E-08	6.50E-08	3.25E-07	3.26E-07	2.79E-07	2.92E-07	1.9394E-04
606473.3	4201010.76	136202.128	0.02229	0.02305	0.0484	0.04842	0.06231	0.06384	1.92E-04	1.34E-07	1.41E-07	4.73E-07	4.71E-07	2.18E-07	2.23E-07	1.9361E-04
606027.14	4201121.24	135380.8457	0.00936	0.00949	0.03099	0.03125	0.08328	0.08782	1.91E-04	5.64E-08	5.79E-08	3.03E-07	3.04E-07	2.92E-07	3.07E-07	1.9196E-04
606727.8	4200928.22	135261.3771	0.05227	0.05401	0.06034	0.05925	0.04856	0.04935	1.91E-04	3.15E-07	3.29E-07	5.89E-07	5.76E-07	1.70E-07	1.72E-07	1.9288E-04
605967.14	4201141.24	135148.1138	0.0086	0.0087	0.02954	0.02979	0.08954	0.09439	1.91E-04	5.18E-08	5.31E-08	2.88E-07	2.90E-07	3.14E-07	3.30E-07	1.9159E-04
605876.33	4201182.41	135121.6546	0.00745	0.00752	0.02747	0.02772	0.11195	0.11737								
606167.14	4201081.24	134981.6007	0.01161	0.01183	0.03516	0.03541	0.07481	0.07826	1.91E-04	6.99E-08	7.22E-08	3.43E-07	3.44E-07	2.62E-07	2.73E-07	1.9150E-04
606667.8	4200968.22	134921.4978	0.03864	0.0402	0.05982	0.05912	0.05449	0.05538	1.91E-04	2.33E-07	2.45E-07	5.84E-07	5.75E-07	1.91E-07	1.94E-07	1.9222E-04
606747.8	4200908.22	134603.2777	0.05892	0.06042	0.05886	0.0576	0.04597	0.04673	1.90E-04	3.55E-07	3.69E-07	5.75E-07	5.60E-07	1.61E-07	1.63E-07	1.9200E-04
605927.14	4201161.24	134258.5283	0.00804	0.00813	0.02861	0.02886	0.0991	0.10443	1.90E-04	4.84E-08	4.96E-08	2.79E-07	2.81E-07	3.47E-07	3.65E-07	1.9031E-04
605889.69	4201178.66	134020.4315	0.00758	0.00765	0.02776	0.02801	0.10945	0.11502								
606607.8	4200988.22	134004.0893	0.03161	0.03268	0.05576	0.05553	0.05804	0.05908	1.89E-04	1.90E-07	1.99E-07	5.45E-07	5.40E-07	2.03E-07	2.06E-07	1.9076E-04
605841.72	4201197.42	133949.4807	0.00706	0.00712	0.02665	0.0269	0.12451	0.12982								
606787.8	4200848.22	133908.0436	0.07951	0.08048	0.05277	0.05093	0.03926	0.03998	1.89E-04	4.79E-07	4.91E-07	5.15E-07	4.95E-07	1.37E-07	1.40E-07	1.9114E-04
606493.3	4201010.76	133480.254	0.02312	0.02392	0.0496	0.04961	0.06245	0.0639	1.89E-04	1.39E-07	1.46E-07	4.84E-07	4.82E-07	2.19E-07	2.23E-07	1.8980E-04
606047.14	4201121.24	133405.7217	0.00954	0.00967	0.03154	0.03181	0.08487	0.08949	1.88E-04	5.74E-08	5.90E-08	3.08E-07	3.09E-07	2.97E-07	3.13E-07	1.8918E-04
606227.14	4201061.24	133292.2973	0.01306	0.01335	0.03733	0.03755	0.0704	0.07332	1.88E-04	7.86E-08	8.14E-08	3.65E-07	3.65E-07	2.46E-07	2.56E-07	1.8918E-04
606707.8	4200948.22	132933.3807	0.04608	0.04781	0.06128	0.06034	0.05135	0.05217	1.88E-04	2.77E-07	2.92E-07	5.98E-07	5.87E-07	1.80E-07	1.82E-07	1.8953E-04
606127.14	4201101.24	132599.0594	0.01068	0.01086	0.03386	0.03413	0.08099	0.08493	1.87E-04	6.43E-08	6.62E-08	3.31E-07	3.32E-07	2.84E-07	2.97E-07	1.8810E-04
605852.79	4201198.5	131875.1396	0.00712	0.00719	0.02693	0.02718	0.12491	0.13083								
605987.14	4201141.24	131420.8976	0.00875	0.00886	0.03003	0.03028	0.09105	0.09618	1.86E-04	5.27E-08	5.40E-08	2.93E-07	2.94E-07	3.19E-07	3.36E-07	1.8634E-04
606767.8	4200888.22	131414.7725	0.06711	0.06848	0.05733	0.05583	0.04357	0.0443	1.86E-04	4.04E-07	4.18E-07	5.60E-07	5.43E-07	1.53E-07	1.55E-07	1.8756E-04
606067.14	4201121.24	131122.1248	0.00971	0.00985	0.03209	0.03236	0.0865	0.09113	1.85E-04	5.85E-08	6.01E-08	3.13E-07	3.15E-07	3.03E-07	3.18E-07	1.8597E-04
606187.14	4201081.24	131016.9751	0.01189	0.01213	0.03591	0.03617	0.07592	0.07928	1.85E-04	7.16E-08	7.40E-08	3.51E-07	3.52E-07	2.66E-07	2.77E-07	1.8592E-04
606513.3	4201010.76	130960.5585	0.02397	0.02482	0.05085	0.05085	0.06253	0.0639	1.85E-04	1.44E-07	1.51E-07	4.97E-07	4.95E-07	2.19E-07	2.23E-07	1.8628E-04
605863.81	4201196.17	130945.4654	0.00723	0.0073	0.02721	0.02746	0.12273	0.12893								
606527.8	4201008.22	130767.3364	0.02482	0.02572	0.05169	0.05167	0.06202	0.06334	1.85E-04	1.49E-07	1.57E-07	5.05E-07	5.03E-07	2.17E-07	2.21E-07	1.8603E-04
606627.8	4200988.22	130705.6326	0.03287	0.03398	0.05735	0.05711	0.05795	0.05893	1.85E-04	1.98E-07	2.07E-07	5.60E-07	5.55E-07	2.03E-07	2.06E-07	1.8615E-04
606247.14	4201061.24	130316.8316	0.01341	0.01372	0.03815	0.03837	0.07128	0.07413	1.84E-04	8.07E-08	8.37E-08	3.73E-07	3.73E-07	2.50E-07	2.59E-07	1.8499E-04
605947.14	4201161.24	130013.6079	0.00818	0.00827	0.02907	0.02933	0.10046	0.1062	1.84E-04	4.93E-08	5.04E-08	2.84E-07	2.85E-07	3.52E-07	3.71E-07	1.8432E-04
606807.8	4200808.22	129919.5236	0.09263	0.09273	0.04694	0.04487	0.0354	0.03608	1.84E-04	5.58E-07	5.66E-07	4.58E-07	4.36E-07	1.24E-07	1.26E-07	1.8554E-04
605907.14	4201181.24	129096.5913	0.00767	0.00774	0.02816	0.02841	0.11214	0.1185	1.82E-04	4.62E-08	4.72E-08	2.75E-07	2.76E-07	3.93E-07	4.14E-07	1.8300E-04
606547.8	4201008.22	128578.4635	0.02578	0.02674	0.05305	0.05301	0.06202	0.06325	1.82E-04	1.55E-07	1.63E-07	5.18E-07	5.16E-07	2.17E-07	2.21E-07	1.8298E-04
606147.14	4201101.24	128532.1678	0.0109	0.01108	0.0345	0.03478	0.08229	0.08614	1.82E-04	6.56E-08	6.76E-08	3.37E-07	3.38E-07	2.88E-07	3.01E-07	1.8237E-04
606007.14	4201141.24	128344.7675	0.0089	0.00902	0.03053	0.0308	0.09275	0.09804	1.81E-04	5.36E-08	5.50E-08	2.98E-07	3.00E-07	3.25E-07	3.43E-07	1.8200E-04
606087.14	4201121.24	128314.9214	0.00988	0.01002	0.03263	0.03291	0.0881	0.09268	1.81E-04	5.95E-08	6.11E-08	3.19E-07	3.20E-07	3.08E-07	3.24E-07	1.8201E-04
606687.8	4200968.22	128285.7739	0.04048	0.04215	0.06153	0.06093	0.05439	0.05523	1.81E-04	2.44E-07	2.57E-07	6.01E-07	5.93E-07	1.90E-07	1.93E-07	1.8291E-04
606267.14	4201061.24	127855.1427	0.01377	0.01409	0.03897	0.03919	0.07208	0.07482	1.81E-04	8.29E-08	8.59E-08	3.81E-07	3.81E-07	2.52E-07	2.61E-07	1.8154E-04
606207.14	4201081.24	127298.7971	0.01219	0.01244	0.03669	0.03695	0.07696	0.08019	1.80E-04	7.34E-08	7.59E-08	3.58E-07	3.59E-07	2.69E-07	2.80E-07	1.8069E-04
606787.8	4200868.22	126866.2019	0.07499	0.07653	0.05533	0.05361	0.04138	0.04209	1.79E-04	4.52E-07	4.67E-07	5.40E-07	5.21E-07	1.45E-07	1.47E-07	1.8119E-04
606647.8	4200988.22	126620.048	0.0342	0.03565	0.05947	0.05875	0.05781	0.05873	1.79E-04	2.06E-07	2.17E-07	5.81E-07	5.71E-07	2.02E-07	2.05E-07	1.8044E-04
606567.8	4201008.22	126372.0958	0.02688	0.0279	0.0545	0.05444	0.06194	0.0631	1.79E-04	1.62E-07	1.70E-07	5.32E-07	5.29E-07	2.17E-07	2.21E-07	1.7990E-04
605967.14	4201161.24	126202.6436	0.00833	0.00842	0.02955	0.02982	0.10216	0.10819	1.78E-04	5.02E-08	5.14E-08	2.89E-07	2.90E-07	3.58E-07	3.78E-07	1.7895E-04
606807.8	4200828.22	126036.0946	0.08872	0.08925	0.05015	0.04814	0.03734	0.03803	1.78E-04	5.34E-07	5.44E-07	4.90E-07	4.68E-07	1.31E-07	1.33E-07	1.8007E-04
606287.14	4201061.24	125784.3819	0.01416	0.0145	0.03984	0.04005	0.07279	0.0754	1.78E-04	8.53E-08	8.85E-08	3.89E-07	3.90E-07	2.55E-07	2.63E-07	1.7863E-04
606027.14	4201141.24	125698.4037	0.00905	0.00917	0.03103	0.0313	0.09456	0.09991	1.78E-04	5.45E-08	5.59E-08	3.03E-07	3.04E-07	3.31E-07	3.49E-07	1.7828E-04
605876.33	4201202.41	125588.983	0.00725	0.00732	0.02751	0.02776	0.12854	0.13598								
606107.14	4201121.24	125347.7078	0.01007	0.01022	0.03324	0.03353	0.08959	0.09408	1.77E-04	6.06E-08	6.23E-08	3.25E-07	3.26E-07	3.14E-07	3.29E-07	1.7784E-04
605927.14	4201181.24	125175.6681	0.00781	0.00789	0.02863	0.02889	0.11361	0.12051	1.77E-04	4.70E-08	4.81E-08	2.80E-07	2.81E-07	3.98E-07	4.21E-07	1.7748E-04
606167.14	4201101.24	124877.3071	0.01114	0.01134	0.03522	0.03551	0.08346	0.08719	1.76E-04	6.71E-08	6.92E-08	3.44E-07	3.45E-07	2.92E-07	3.05E-07	1.7722E-04
605889.69	4201198.66	124751.2946	0.00737	0.00744	0.02781	0.02806	0.12579	0.13331								
606747.8	4200928.22	124610.1828	0.05537	0.0572	0.06217	0.06101	0.04851	0.04925	1.76E-04	3.33E-07	3.49E-07	6.07E-07	5.93E-07	1.70E-07	1.72E-07	1.7790E-04
606227.14	4201081.24	124100.0083	0.01249	0.01275	0.03747	0.03773	0.07787	0.08098	1.75E-04	7.52E-08	7.78E-08	3.66E-07	3.67E-07	2.73E-07	2.83E-07	1.7619E-04
606587.8	4201008.22	124074.1944	0.02801	0.0291	0.05603	0.05587	0.06182	0.06291	1.75E-04	1.69E-07	1.78E-07	5.47E-07	5.43E-07	2.16E-07	2.20E-07	1.7670E-04
606307.14	4201061.24	124003.031	0.01457	0.01493	0.04073	0.04095	0.07337	0.07586	1.75E-04	8.77E-08	9.11E-08	3.98E-07	3.98E-07	2.57E-07	2.65E-07	1.7614E-04
606727.8	4200948.22	123981.0335	0.04856	0.05041	0.06296	0.06205	0.05126	0.05202	1.75E-04	2.92E-07	3.08E-07	6.15E-07	6.03E-07	1.79E-07	1.82E-07	1.7695E-04
605841.72	4201217.42	123792.5183	0.00685	0.00691	0.02659	0.02685	0.14334	0.15088								
606047.14	4201141.24	123319.185	0.00921	0.00933	0.03154	0.03182	0.09638	0.10172	1.74E-04	5.55E-08	5.69E-08	3.08E-07	3.09E-07	3.37E-07	3.55E-07	1.7493E-04
606767.8	4200908.22	122942.0617	0.06256	0.06412	0.06025	0.05888	0.04595	0.04667	1.74E-04	3.77E-07	3.91E-07	5.88E-07	5.73E-07	1.61E-07	1.63E-07	1.7559E-04
605987.14	4201161.24	122860.9122	0.00848	0.00858	0.03005	0.03032	0.10407	0.11027	1.74E-04	5.11E-08	5.23E-08	2.93E-07	2.95E-07	3.64E-07	3.85E-07	1.7424E-04
606127.14	4201121.24	122108.0166	0.01027	0.01043	0.03386	0.03415	0.09097	0.09533	1.72E-04	6.18E-08	6.36E-08	3.31E-07	3.32E-07	3.19E-07	3.33E-07	1.7327E-04
606667.8	4200988.22	121890.9854	0.03587	0.03739	0.06149	0.06112	0.05764	0.05851	1.72E-04	2.16E-07	2.28E-07	6.00E-07	5.94E-07	2.02E-07	2.04E-07	1.7382E-04
606187.14	4201101.24	121556.9747	0.01141	0.01161	0.03598	0.03626	0.0845	0.08811	1.72E-04	6.87E-08	7.08E-08	3.51E-07	3.53E-07	2.96E-07	3.08E-07	1.7255E-04
605852.79	4201218.5	121521.9931	0.00691	0.00697	0.02687	0.02713	0.14443	0.15279								
606607.8	4201008.22	121484.4247	0.02923	0.03039	0.05759	0.05733	0.06165	0.06267	1.72E-04	1.76E-07	1.85E-07	5.62E-07	5.58E-07	2.16E-07	2.19E-07	1.7309E-04
605947.14	4201181.24	121468.4694	0.00794	0.00802	0.02909	0.02936	0.11556	0.1228	1.72E-04	4.78E-08	4.89E-08	2.84E-07	2.86E-07	4.05E-07	4.29E-07	1.7225E-04
606247.14	4201081.24	121363.3098	0.01282	0.01309	0.03831	0.03856	0.07865	0.08163	1.71E-04	7.72E-08	7.98E-08	3.74E-07	3.75E-07	2.75E-07	2.85E-07	1.7234E-04
605832.12	4201225.71	121279.9822	0.0067	0.00675	0.02631	0.02657	0.15301	0.16113								
606707.8	4200968.22	121197.0313	0.04258	0.04437	0.06332	0.06265	0.05423	0.05502	1.71E-04	2.56E-07	2.71E-07	6.18E-07	6.09E-07	1.90E-07	1.92E-07	1.7295E-04
606067.14	4201141.24	121067.2082	0.00937	0.0095	0.03209	0.03238	0.0981	0.10336	1.71E-04	5.64E-08	5.80E-08	3.13E-07	3.15E-07	3.43E-07	3.61E-07	1.7176E-04
606807.8	4200848.22	120945.0068	0.08497	0.08588	0.05356	0.05147	0.03933	0.04002	1.71E-04	5.12E-07	5.24E-07	5.23E-07	5.01E-07	1.38E-07	1.40E-07	1.7290E-04
605863.81	4201216.17	120921.202	0.00702	0.00708	0.02717	0.02743	0.14211	0.15073								
605821.68	4201230.72	120559.2384	0.00659	0.00664	0.02605	0.02631	0.15959	0.16777								
605907.14	4201201.24	120391.1676	0.00745	0.00753	0.02819	0.02846	0.12975	0.13812	1.70E-04	4.49E-08	4.59E-08	2.75E-07	2.77E-07	4.54E-07	4.83E-07	1.7070E-04
606007.14	4201161.24	119918.3863	0.00862	0.00873	0.03056	0.03083	0.10609	0.11233	1.69E-04	5.19E-08	5.33E-08	2.98E-07	3.00E-07	3.71E-07	3.93E-07	1.7010E-04
606787.8	4200888.22	119786.8771	0.07067	0.07233	0.05854	0.05691	0.0436	0.04429	1.69E-04	4.26E-07	4.41E-07	5.72E-07	5.53E-07	1.53E-07	1.55E-07	1.7120E-04
606325.06	4201067.99	119456.4225	0.01474	0.01509	0.04168	0.04191	0.07602	0.07845								
606267.14	4201081.24	119026.5593	0.01317	0.01345	0.03916	0.03943	0.07931	0.08218	1.68E-04	7.93E-08	8.20E-08	3.82E-07	3.83E-07	2.78E-07	2.87E-07	1.6906E-04
606147.14	4201121.24	118832.211	0.01047	0.01063	0.0345	0.0348	0.0922	0.0964	1.68E-04	6.30E-08	6.48E-08	3.37E-07	3.38E-07	3.23E-07	3.37E-07	1.6866E-04
606627.8	4201008.22	118600.8672	0.03046	0.0317	0.05932	0.05919	0.06145	0.0624	1.68E-04	1.83E-07	1.93E-07	5.79E-07	5.76E-07	2.15E-07	2.18E-07	1.6906E-04
606087.14	4201141.24	118467.0386	0.00952	0.00966	0.03261	0.03291	0.09974	0.10483	1.67E-04	5.73E-08	5.89E-08	3.18E-07	3.20E-07	3.49E-07	3.66E-07	1.6810E-04
606207.14	4201101.24	118424.956	0.01166	0.01187	0.03671	0.037	0.08542	0.08888	1.67E-04	7.02E-08	7.24E-08	3.58E-07	3.60E-07	2.99E-07	3.11E-07	1.6814E-04
605967.14	4201181.24	118100.6602	0.00808	0.00817	0.02958	0.02985	0.11774	0.12515	1.67E-04	4.87E-08	4.98E-08	2.89E-07	2.90E-07	4.12E-07	4.37E-07	1.6750E-04
606345.06	4201067.99	117933.8282	0.01521	0.01558	0.04269	0.04291	0.07637	0.07864								
606827.8	4200808.22	117918.5764	0.09855	0.09846	0.04723	0.04515	0.03554	0.0362	1.67E-04	5.93E-07	6.01E-07	4.61E-07	4.39E-07	1.24E-07	1.27E-07	1.6866E-04
606027.14	4201161.24	117318.8868	0.00877	0.00888	0.03106	0.03135	0.10809	0.11428	1.66E-04	5.28E-08	5.42E-08	3.03E-07	3.05E-07	3.78E-07	3.99E-07	1.6644E-04
606287.14	4201081.24	117022.7396	0.01351	0.01381	0.04003	0.04029	0.07986	0.08259	1.65E-04	8.13E-08	8.42E-08	3.91E-07	3.92E-07	2.80E-07	2.89E-07	1.6625E-04
605927.14	4201201.24	116879.4916	0.00758	0.00765	0.02864	0.02891	0.13202	0.1408	1.65E-04	4.56E-08	4.67E-08	2.80E-07	2.81E-07	4.62E-07	4.92E-07	1.6575E-04
605876.33	4201222.41	116824.5924	0.00705	0.00711	0.0275	0.02776	0.15017	0.16034								
606687.8	4200988.22	116693.5172	0.03748	0.03911	0.0633	0.06287	0.05745	0.05825	1.65E-04	2.26E-07	2.39E-07	6.18E-07	6.11E-07	2.01E-07	2.04E-07	1.6653E-04
606365.06	4201067.99	116453.4621	0.0157	0.0161	0.04371	0.04394	0.07659	0.07875								
605889.69	4201218.66	116304.0484	0.00717	0.00724	0.02783	0.0281	0.14691	0.15703								
606227.14	4201101.24	115892.8939	0.01196	0.01218	0.03754	0.03784	0.08617	0.08947	1.64E-04	7.20E-08	7.43E-08	3.67E-07	3.68E-07	3.02E-07	3.13E-07	1.6459E-04
606167.14	4201121.24	115837.322	0.0107	0.01087	0.03522	0.03553	0.09325	0.09727	1.64E-04	6.44E-08	6.63E-08	3.44E-07	3.46E-07	3.26E-07	3.40E-07	1.6445E-04
606107.14	4201141.24	115806.452	0.00969	0.00983	0.03319	0.0335	0.10119	0.1061	1.64E-04	5.83E-08	6.00E-08	3.24E-07	3.26E-07	3.54E-07	3.71E-07	1.6435E-04
605818.76	4201242.41	115473.2172	0.00645	0.0065	0.0259	0.02618	0.17559	0.18558								
606747.8	4200948.22	115422.9165	0.05134	0.05331	0.06472	0.0637	0.05113	0.05184	1.63E-04	3.09E-07	3.25E-07	6.32E-07	6.20E-07	1.79E-07	1.81E-07	1.6493E-04
606807.8	4200868.22	115396.975	0.08024	0.08198	0.05663	0.05445	0.04142	0.04209	1.63E-04	4.83E-07	5.00E-07	5.53E-07	5.30E-07	1.45E-07	1.47E-07	1.6507E-04
606307.14	4201081.24	115258.9977	0.0139	0.01421	0.04095	0.04121	0.0803	0.08287	1.63E-04	8.37E-08	8.67E-08	4.00E-07	4.01E-07	2.81E-07	2.90E-07	1.6378E-04
606647.8	4201008.22	115214.0806	0.03174	0.03308	0.06108	0.06091	0.06121	0.06209	1.63E-04	1.91E-07	2.02E-07	5.96E-07	5.92E-07	2.14E-07	2.17E-07	1.6433E-04
605987.14	4201181.24	115072.0832	0.00822	0.00831	0.03008	0.03036	0.12003	0.12742	1.63E-04	4.95E-08	5.07E-08	2.94E-07	2.95E-07	4.20E-07	4.45E-07	1.6324E-04

606385.06	4201067.99	114982.506	0.01618	0.0166	0.04475	0.04498	0.07676	0.07876								
606047.14	4201161.24	114945.2776	0.00892	0.00903	0.03158	0.03187	0.10999	0.11603	1.62E-04	5.37E-08	5.51E-08	3.08E-07	3.10E-07	3.85E-07	4.05E-07	1.6310E-04
606767.8	4200928.22	114924.0422	0.05884	0.06077	0.06382	0.06243	0.04841	0.04911	1.62E-04	3.54E-07	3.71E-07	6.23E-07	6.07E-07	1.69E-07	1.72E-07	1.6429E-04
606827.8	4200828.22	114396.0238	0.09503	0.0954	0.05072	0.0484	0.03742	0.03808	1.62E-04	5.72E-07	5.82E-07	4.95E-07	4.71E-07	1.31E-07	1.33E-07	1.6371E-04
605841.72	4201237.42	114241.2707	0.00662	0.00668	0.02642	0.02669	0.16831	0.17913								
605831.7	4201240.74	114202.006	0.00653	0.00658	0.02617	0.02644	0.17294	0.18366								
606727.8	4200968.22	114082.1298	0.04485	0.04676	0.06518	0.06442	0.05405	0.05478	1.61E-04	2.70E-07	2.85E-07	6.37E-07	6.27E-07	1.89E-07	1.91E-07	1.6297E-04
605947.14	4201201.24	113646.2938	0.00771	0.00779	0.02911	0.02938	0.13454	0.1435	1.61E-04	4.64E-08	4.75E-08	2.84E-07	2.86E-07	4.71E-07	5.01E-07	1.6120E-04
606405.06	4201067.99	113454.911	0.01669	0.01713	0.04582	0.04605	0.07683	0.07868								
606247.14	4201101.24	113412.9084	0.01227	0.01251	0.0384	0.0387	0.0868	0.08991	1.60E-04	7.39E-08	7.63E-08	3.75E-07	3.76E-07	3.04E-07	3.14E-07	1.6111E-04
606127.14	4201141.24	113095.2378	0.00988	0.01002	0.03381	0.03412	0.10244	0.10714	1.60E-04	5.95E-08	6.11E-08	3.30E-07	3.32E-07	3.59E-07	3.74E-07	1.6054E-04
606787.8	4200908.22	113012.0834	0.06692	0.06874	0.06234	0.06078	0.04592	0.0466	1.60E-04	4.03E-07	4.19E-07	6.09E-07	5.91E-07	1.61E-07	1.63E-07	1.6166E-04
606187.14	4201121.24	112991.1879	0.01094	0.01112	0.03595	0.03627	0.09416	0.09796	1.60E-04	6.59E-08	6.78E-08	3.51E-07	3.53E-07	3.30E-07	3.42E-07	1.6045E-04
605807.71	4201252.53	112661.5095	0.00631	0.00636	0.02565	0.02592	0.19203	0.2032								
606067.14	4201161.24	112589.9898	0.00906	0.00917	0.03209	0.03239	0.11173	0.11757	1.59E-04	5.46E-08	5.59E-08	3.13E-07	3.15E-07	3.91E-07	4.11E-07	1.5978E-04
605907.14	4201221.24	112468.086	0.00725	0.00732	0.02822	0.02849	0.15245	0.16334	1.59E-04	4.37E-08	4.47E-08	2.76E-07	2.77E-07	5.34E-07	5.71E-07	1.5951E-04
606007.14	4201181.24	112355.144	0.00836	0.00846	0.03058	0.03087	0.12223	0.1295	1.59E-04	5.03E-08	5.16E-08	2.99E-07	3.00E-07	4.28E-07	4.53E-07	1.5941E-04
605852.79	4201238.5	112276.6925	0.00668	0.00674	0.02669	0.02696	0.17049	0.18229								
605863.81	4201236.17	111994.3818	0.00679	0.00685	0.02704	0.02731	0.16786	0.17984								
606667.8	4201008.22	111272.1673	0.03319	0.03462	0.06295	0.06274	0.06092	0.06173	1.57E-04	2.00E-07	2.11E-07	6.15E-07	6.10E-07	2.13E-07	2.16E-07	1.5882E-04
606267.14	4201101.24	111239.1192	0.01259	0.01284	0.03928	0.03957	0.08727	0.09021	1.57E-04	7.58E-08	7.83E-08	3.84E-07	3.85E-07	3.06E-07	3.15E-07	1.5806E-04
606325.06	4201087.99	111133.6387	0.01407	0.01438	0.04192	0.04219	0.08298	0.08542								
606707.8	4200988.22	111113.701	0.0393	0.04106	0.06522	0.06472	0.0572	0.05795	1.57E-04	2.37E-07	2.50E-07	6.37E-07	6.29E-07	2.00E-07	2.03E-07	1.5871E-04
605967.14	4201201.24	110671.9537	0.00784	0.00792	0.02959	0.02987	0.1371	0.14601	1.56E-04	4.72E-08	4.83E-08	2.89E-07	2.91E-07	4.80E-07	5.10E-07	1.5701E-04
606207.14	4201121.24	110409.2962	0.01119	0.01138	0.03673	0.03705	0.09487	0.09847	1.56E-04	6.74E-08	6.94E-08	3.59E-07	3.60E-07	3.32E-07	3.44E-07	1.5682E-04
605818.78	4201253.61	110354.1236	0.00633	0.00638	0.0258	0.02608	0.1936	0.20608								
606147.14	4201141.24	110311.3738	0.01006	0.01021	0.03443	0.03476	0.1035	0.10797	1.56E-04	6.06E-08	6.23E-08	3.36E-07	3.38E-07	3.62E-07	3.77E-07	1.5662E-04
606827.8	4200848.22	110265.7756	0.09086	0.09168	0.05414	0.05168	0.03939	0.04004	1.56E-04	5.47E-07	5.59E-07	5.29E-07	5.03E-07	1.38E-07	1.40E-07	1.5790E-04
606087.14	4201161.24	110253.6713	0.00921	0.00933	0.03263	0.03294	0.11324	0.11882	1.56E-04	5.55E-08	5.69E-08	3.19E-07	3.20E-07	3.96E-07	4.15E-07	1.5649E-04
606423.8	4201072.57	109994.106	0.01699	0.01744	0.04695	0.04721	0.07813	0.07988								
606027.14	4201181.24	109873.3478	0.0085	0.0086	0.03109	0.03139	0.12427	0.13132	1.55E-04	5.12E-08	5.25E-08	3.04E-07	3.05E-07	4.35E-07	4.59E-07	1.5592E-04
606807.8	4200888.22	109714.0964	0.07569	0.07783	0.06005	0.05796	0.04358	0.04424	1.55E-04	4.56E-07	4.75E-07	5.86E-07	5.64E-07	1.53E-07	1.55E-07	1.5706E-04
605829.79	4201251.28	109685.4746	0.0064	0.00645	0.026	0.02628	0.18982	0.20274								
606345.06	4201087.99	109634.3809	0.0145	0.01483	0.04294	0.04321	0.08312	0.08541								
605927.14	4201221.24	109397.6478	0.00737	0.00744	0.02867	0.02894	0.15545	0.16645	1.55E-04	4.44E-08	4.54E-08	2.80E-07	2.81E-07	5.44E-07	5.82E-07	1.5518E-04
606287.14	4201101.24	109326.5525	0.01293	0.01319	0.04018	0.04049	0.08761	0.09039	1.54E-04	7.79E-08	8.05E-08	3.92E-07	3.94E-07	3.07E-07	3.16E-07	1.5538E-04
605889.69	4201238.66	108325.5621	0.00696	0.00702	0.02776	0.02804	0.17497	0.18832								
606443.8	4201072.57	108310.1901	0.01755	0.01803	0.04814	0.04841	0.07797	0.07959								
606365.06	4201087.99	108198.2804	0.01495	0.0153	0.04397	0.04424	0.08314	0.08528								
606227.14	4201121.24	108167.2368	0.01146	0.01166	0.03756	0.03789	0.09539	0.09881	1.53E-04	6.90E-08	7.11E-08	3.67E-07	3.69E-07	3.34E-07	3.45E-07	1.5367E-04
605987.14	4201201.24	107974.4844	0.00798	0.00806	0.0301	0.03039	0.13952	0.14819	1.53E-04	4.81E-08	4.92E-08	2.94E-07	2.96E-07	4.89E-07	5.18E-07	1.5321E-04
606847.8	4200808.22	107817.4147	0.10527	0.10493	0.04756	0.04536	0.03565	0.03629	1.52E-04	6.34E-07	6.40E-07	4.64E-07	4.41E-07	1.25E-07	1.27E-07	1.5448E-04
606107.14	4201161.24	107785.5078	0.00936	0.00948	0.03317	0.03349	0.11449	0.11981	1.52E-04	5.64E-08	5.78E-08	3.24E-07	3.26E-07	4.01E-07	4.19E-07	1.5302E-04
605876.33	4201242.41	107770.9604	0.0068	0.00686	0.0273	0.02758	0.17932	0.19308								
606167.14	4201141.24	107741.9328	0.01027	0.01042	0.03513	0.03547	0.10432	0.10854	1.52E-04	6.18E-08	6.36E-08	3.43E-07	3.45E-07	3.65E-07	3.79E-07	1.5301E-04
606307.14	4201101.24	107619.623	0.0133	0.01357	0.04114	0.04144	0.08782	0.09042	1.52E-04	8.01E-08	8.28E-08	4.02E-07	4.03E-07	3.07E-07	3.16E-07	1.5299E-04
606047.14	4201181.24	107593.2817	0.00865	0.00875	0.03161	0.03192	0.12607	0.13281	1.52E-04	5.21E-08	5.34E-08	3.09E-07	3.10E-07	4.41E-07	4.64E-07	1.5271E-04
606767.8	4200948.22	107434.859	0.0545	0.05659	0.06657	0.06544	0.05095	0.05162	1.52E-04	3.28E-07	3.45E-07	6.50E-07	6.36E-07	1.78E-07	1.80E-07	1.5372E-04
606747.8	4200968.22	107100.0885	0.04746	0.0495	0.06715	0.0663	0.05382	0.0545	1.51E-04	2.86E-07	3.02E-07	6.56E-07	6.45E-07	1.88E-07	1.90E-07	1.5318E-04
606687.8	4201008.22	107035.0735	0.03463	0.03617	0.06487	0.06462	0.0606	0.06136	1.51E-04	2.09E-07	2.21E-07	6.33E-07	6.28E-07	2.12E-07	2.14E-07	1.5289E-04
606385.06	4201087.99	106779.5535	0.0154	0.01577	0.04502	0.0453	0.08307	0.08508								
605947.14	4201221.24	106527.3088	0.00749	0.00756	0.02913	0.02941	0.15841	0.16924	1.50E-04	4.51E-08	4.61E-08	2.84E-07	2.86E-07	5.55E-07	5.91E-07	1.5114E-04
606787.8	4200928.22	106385.1501	0.06247	0.0645	0.06546	0.06404	0.0483	0.04896	1.50E-04	3.76E-07	3.93E-07	6.39E-07	6.23E-07	1.69E-07	1.71E-07	1.5231E-04
606247.14	4201121.24	106150.0896	0.01174	0.01195	0.03841	0.03873	0.09576	0.09897	1.50E-04	7.07E-08	7.29E-08	3.75E-07	3.77E-07	3.35E-07	3.46E-07	1.5084E-04
606827.8	4200868.22	105751.2079	0.08613	0.0876	0.0578	0.05523	0.04143	0.04207	1.49E-04	5.19E-07	5.34E-07	5.64E-07	5.37E-07	1.45E-07	1.47E-07	1.5154E-04
606007.14	4201201.24	105524.5922	0.00812	0.00821	0.03062	0.03091	0.14168	0.14997	1.49E-04	4.89E-08	5.01E-08	2.99E-07	3.01E-07	4.96E-07	5.24E-07	1.4976E-04
606458.41	4201076.62	105444.1522	0.01778	0.01827	0.04912	0.0494	0.07891	0.08045								
606727.8	4200988.22	105376.3594	0.04135	0.04324	0.06724	0.06667	0.05691	0.05761	1.49E-04	2.49E-07	2.64E-07	6.57E-07	6.48E-07	1.99E-07	2.01E-07	1.5067E-04
606127.14	4201161.24	105363.3652	0.00952	0.00965	0.03376	0.03409	0.11548	0.1205	1.49E-04	5.73E-08	5.89E-08	3.30E-07	3.32E-07	4.04E-07	4.21E-07	1.4961E-04
606405.06	4201087.99	105333.1747	0.01587	0.01626	0.04612	0.04641	0.08294	0.08478								
606067.14	4201181.24	105281.4382	0.00877	0.00888	0.0321	0.03241	0.12759	0.13401	1.49E-04	5.28E-08	5.42E-08	3.13E-07	3.15E-07	4.47E-07	4.68E-07	1.4945E-04
606187.14	4201141.24	105261.5224	0.01048	0.01064	0.03585	0.03619	0.10494	0.10891	1.49E-04	6.31E-08	6.49E-08	3.50E-07	3.52E-07	3.67E-07	3.81E-07	1.4952E-04
605841.72	4201257.42	105253.2932	0.00638	0.00643	0.02612	0.02641	0.20234	0.21787								
605907.14	4201241.24	105187.7949	0.00705	0.00712	0.02822	0.02851	0.18203	0.1959	1.49E-04	4.25E-08	4.34E-08	2.76E-07	2.77E-07	6.37E-07	6.85E-07	1.4922E-04
606847.8	4200828.22	104780.2993	0.10165	0.10182	0.05108	0.04874	0.0375	0.03812	1.48E-04	6.12E-07	6.21E-07	4.99E-07	4.74E-07	1.31E-07	1.33E-07	1.5022E-04
606267.14	4201121.24	104287.737	0.01205	0.01227	0.03931	0.03964	0.09598	0.09896	1.47E-04	7.26E-08	7.48E-08	3.84E-07	3.86E-07	3.36E-07	3.46E-07	1.4823E-04
606807.8	4200908.22	104125.49	0.07155	0.07344	0.06387	0.06206	0.04583	0.04647	1.47E-04	4.31E-07	4.48E-07	6.24E-07	6.04E-07	1.60E-07	1.62E-07	1.4919E-04
605807.71	4201272.53	104032.4058	0.00612	0.00616	0.02548	0.02577	0.23188	0.24891								
606325.06	4201107.99	103863.3092	0.01345	0.01373	0.04209	0.0424	0.09048	0.09292								
605967.14	4201221.24	103831.506	0.00761	0.00769	0.02959	0.02988	0.16111	0.17153	1.47E-04	4.58E-08	4.69E-08	2.89E-07	2.91E-07	5.64E-07	5.99E-07	1.4734E-04
606478.41	4201076.62	103713.4194	0.01838	0.0189	0.05041	0.0507	0.0786	0.08								
605852.79	4201258.5	103286.6514	0.00641	0.00646	0.02631	0.0266	0.20622	0.22274								
606027.14	4201201.24	103268.666	0.00826	0.00835	0.03114	0.03145	0.14348	0.15132	1.46E-04	4.97E-08	5.09E-08	3.04E-07	3.06E-07	5.02E-07	5.29E-07	1.4659E-04
606207.14	4201141.24	103079.8795	0.01072	0.01089	0.03665	0.037	0.10533	0.10907	1.46E-04	6.45E-08	6.64E-08	3.58E-07	3.60E-07	3.69E-07	3.81E-07	1.4646E-04
606087.14	4201181.24	103046.7255	0.00891	0.00902	0.03261	0.03294	0.12881	0.13483	1.46E-04	5.37E-08	5.50E-08	3.18E-07	3.20E-07	4.51E-07	4.71E-07	1.4631E-04
606147.14	4201161.24	102927.6317	0.00969	0.00982	0.03437	0.03471	0.11621	0.12092	1.45E-04	5.83E-08	5.99E-08	3.36E-07	3.38E-07	4.07E-07	4.23E-07	1.4618E-04
605863.81	4201256.17	102924.2207	0.0065	0.00655	0.0266	0.02689	0.20332	0.21971								
606487.67	4201077.52	102575.7797	0.01861	0.01914	0.05103	0.05134	0.07866	0.08001								
606527.8	4201068.22	102543.579	0.02042	0.02105	0.05361	0.0539	0.07547	0.07666	1.45E-04	1.23E-07	1.28E-07	5.24E-07	5.24E-07	2.64E-07	2.68E-07	1.4615E-04
605927.14	4201241.24	102518.8236	0.00717	0.00723	0.02868	0.02896	0.18547	0.19891	1.45E-04	4.32E-08	4.41E-08	2.80E-07	2.82E-07	6.49E-07	6.95E-07	1.4546E-04
606287.14	4201121.24	102496.6729	0.01239	0.01262	0.04027	0.0406	0.09602	0.0988	1.45E-04	7.46E-08	7.70E-08	3.93E-07	3.95E-07	3.36E-07	3.45E-07	1.4572E-04
606345.06	4201107.99	102402.7012	0.01387	0.01416	0.04314	0.04345	0.09034	0.09263								
606423.8	4201092.57	102248.2716	0.01615	0.01655	0.04726	0.04756	0.0841	0.0858								
605818.78	4201273.61	101953.1649	0.00613	0.00618	0.0256	0.02589	0.23531	0.25407								
605798.95	4201281.17	101827.6593	0.00602	0.00606	0.0253	0.0256	0.25346	0.27276								
605987.14	4201221.24	101395.6488	0.00774	0.00782	0.03009	0.03039	0.16334	0.17322	1.43E-04	4.66E-08	4.77E-08	2.94E-07	2.96E-07	5.72E-07	6.05E-07	1.4391E-04
605829.79	4201271.28	101297.5516	0.00619	0.00623	0.02577	0.02606	0.23109	0.24989								
606847.8	4200848.22	101293.5131	0.09686	0.09802	0.05473	0.05214	0.03942	0.04004	1.43E-04	5.83E-07	5.98E-07	5.34E-07	5.07E-07	1.38E-07	1.40E-07	1.4531E-04
606047.14	4201201.24	101078.1331	0.0084	0.00849	0.03165	0.03197	0.14492	0.15226	1.43E-04	5.06E-08	5.18E-08	3.09E-07	3.11E-07	5.07E-07	5.32E-07	1.4350E-04
606827.8	4200888.22	101069.4191	0.08123	0.08322	0.06151	0.059	0.04354	0.04416	1.43E-04	4.89E-07	5.08E-07	6.01E-07	5.74E-07	1.52E-07	1.54E-07	1.4494E-04
606227.14	4201141.24	101053.9186	0.01097	0.01115	0.03747	0.03783	0.10554	0.10902	1.43E-04	6.61E-08	6.80E-08	3.66E-07	3.68E-07	3.70E-07	3.81E-07	1.4361E-04
606365.06	4201107.99	101005.2779	0.01429	0.01459	0.0442	0.04451	0.09012	0.09223								
606307.14	4201121.24	100869.8531	0.01274	0.01298	0.04126	0.04159	0.09592	0.09853	1.42E-04	7.67E-08	7.92E-08	4.03E-07	4.04E-07	3.36E-07	3.44E-07	1.4345E-04
606507.67	4201077.52	100854.3993	0.01924	0.01979	0.0524	0.05271	0.07821	0.07947								
606107.14	4201181.24	100778.6975	0.00904	0.00915	0.03313	0.03347	0.1297	0.13532	1.42E-04	5.44E-08	5.58E-08	3.24E-07	3.26E-07	4.54E-07	4.73E-07	1.4312E-04
606547.8	4201068.22	100767.9376	0.02117	0.02184	0.05513	0.05542	0.07501	0.0761	1.42E-04	1.27E-07	1.33E-07	5.38E-07	5.39E-07	2.63E-07	2.66E-07	1.4368E-04
606443.8	4201092.57	100714.4742	0.01667	0.01709	0.04847	0.04879	0.08373	0.08531								
606167.14	4201161.24	100648.2807	0.00987	0.01001	0.03504	0.0354	0.11667	0.12106	1.42E-04	5.94E-08	6.11E-08	3.42E-07	3.44E-07	4.08E-07	4.23E-07	1.4298E-04
606767.8	4200968.22	100484.7513	0.05033	0.05251	0.06922	0.06826	0.05356	0.05419	1.42E-04	3.03E-07	3.20E-07	6.76E-07	6.64E-07	1.88E-07	1.89E-07	1.4391E-04
606787.8	4200948.22	100145.3696	0.05797	0.06019	0.06849	0.06723	0.05075	0.05138	1.41E-04	3.49E-07	3.67E-07	6.69E-07	6.54E-07	1.78E-07	1.80E-07	1.4350E-04
605947.14	4201241.24	99983.4529	0.00729	0.00735	0.02913	0.02943	0.1884	0.20114	1.41E-04	4.39E-08	4.48E-08	2.84E-07	2.86E-07	6.60E-07	7.03E-07	1.4189E-04
606747.8	4200988.22	99645.72391	0.04374	0.04577	0.06942	0.06876	0.05658	0.05722	1.41E-04	2.63E-07	2.79E-07	6.78E-07	6.69E-07	1.98E-07	2.00E-07	1.4265E-04
606385.06	4201107.99	99641.03913	0.01471	0.01503	0.04526	0.04559	0.08979	0.09174								
605889.69	4201258.66	99312.43574	0.00664	0.0067	0.02728	0.02757	0.21345	0.23056								
606247.14	4201141.24	99308.99912	0.01125	0.01144	0.03836	0.03872	0.10557	0.10879	1.40E-04	6.77E-08	6.98E-08	3.75E-07	3.77E-07	3.70E-07	3.80E-07	1.4117E-04
606867.8	4200808.22	99211.71167	0.11284	0.11219	0.04773	0.04526	0.03573	0.03634	1.40E-04	6.79E-07	6.84E-07	4.66E-07	4.40E-07	1.25E-07	1.27E-07	1.4241E-04
606007.14	4201221.24	99165.82451	0.00788	0.00796	0.03061	0.03091	0.16505	0.17426	1.40E-04	4.74E-08	4.86E-08	2.99E-07	3.01E-07	5.78E-07	6.09E-07	1.4077E-04
606567.8	4201068.22	98951.78493	0.02198	0.0227	0.05675	0.05705	0.07449	0.07549	1.40E-04	1.32E-07	1.38E-07	5.54E-07	5.55E-07	2.61E-07	2.64E-07	1.4116E-04
606067.14	4201201.24	98918.44148	0.00852	0.00862	0.03215	0.03247	0.14595	0.15279	1.40E-04	5.13E-08	5.26E-08	3.14E-07	3.16E-07	5.11E-07	5.34E-07	1.4046E-04
605876.33	4201262.41	98865.92029	0.00648	0.00653	0.02674	0.02703	0.21945	0.23751								
606807.8	4200928.22	98727.22171	0.06664	0.06879	0.0672	0.06563	0.04815	0.04876	1.39E-04	4.01E-07	4.20E-07	6.56E-07	6.38E-07	1.69E-07	1.70E-07	1.4157E-04
606127.14	4201181.24	98587.79078	0.00919	0.00931	0.0337	0.03405	0.13023	0.13542	1.39E-04	5.53E-08	5.68E-08	3.29E-07	3.31E-07	4.56E-07	4.73E-07	1.4003E-04
606187.14	4201161.24	98501.59303	0.01008	0.01022	0.03576	0.03613	0.11688	0.12095	1.39E-04	6.07E-08	6.23E-08	3.49E-07	3.51E-07	4.09E-07	4.23E-07	1.3996E-04
606405.06	4201107.99	98270.13888	0.01514	0.01548	0.04637	0.0467	0.08937	0.09118								
606458.41	4201096.62	98175.01304	0.0169	0.01732	0.04945	0.04979	0.08458	0.08603								
606267.14	4201141.24	97789.37286	0.01155	0.01174	0.03929	0.03965	0.1054	0.1084	1.38E-04	6.95E-08	7.16E-08	3.84E-07	3.86E-07	3.69E-07	3.79E-07	1.3905E-04
605967.14	4201241.24	97593.52642	0.0074	0.00747	0.0296	0.0299	0.19067	0.2025	1.38E-04	4.46E-08	4.56E-08	2.89E-07	2.91E-07	6.68E-07	7.08E-07	1.3853E-04
606847.8	4200868.22	97514.3627	0.09216	0.09377	0.05865	0.05603	0.04141	0.04201	1.38E-04	5.55E-07	5.72E-07	5.73E-07	5.45E-07	1.45E-07	1.47E-07	1.3999E-04
606325.06	4201127.99	97435.97027	0.01288	0.01312	0.04219	0.04254	0.09851	0.10091								
605841.72	4201277.42	97280.13698	0.00616	0.0062	0.02585	0.02614	0.24955	0.2692								
606027.14	4201221.24	97156.42504	0.00803	0.00811	0.03116	0.03148	0.16619	0.17466	1.37E-04	4.84E-08	4.95E-08	3.04E-07	3.06E-07	5.82E-07	6.10E-07	1.3795E-04
606587.8	4201068.22	97099.33716	0.02281	0.02357	0.05843	0.05874	0.07391	0.07483	1.37E-04	1.37E-07	1.44E-07	5.71E-07	5.71E-07	2.59E-07	2.62E-07	1.3858E-04
605907.14	4201261.24	96973.73978	0.00676	0.00682	0.02783	0.02813	0.22201	0.23899	1.37E-04	4.07E-08	4.16E-08	2.72E-07	2.74E-07	7.77E-07	8.35E-07	1.3761E-04
605786.18	4201298.71	96930.3487	0.00585	0.00589	0.02507	0.02537	0.30878	0.33544								
606087.14	4201201.24	96734.40359	0.00863	0.00873	0.03261	0.03295	0.14663	0.15294	1.37E-04	5.20E-08	5.33E-08	3.18E-07	3.20E-07	5.13E-07	5.34E-07	1.3739E-04
606867.8	4200828.22	96634.10726	0.10898	0.10885	0.05159	0.04908	0.03755	0.03815	1.37E-04	6.56E-07	6.64E-07	5.04E-07	4.77E-07	1.31E-07	1.33E-07	1.3880E-04
606478.41	4201096.62	96625.22717	0.01744	0.01788	0.05075	0.0511	0.08402	0.08535								
606207.14	4201161.24	96586.6151	0.01031	0.01046	0.03657	0.03694	0.11686	0.1206	1.36E-04	6.21E-08	6.38E-08	3.57E-07	3.59E-07	4.09E-07	4.21E-07	1.3728E-04
606147.14	4201181.24	96433.37102	0.00934	0.00947	0.0343	0.03466	0.13046	0.13524	1.36E-04	5.62E-08	5.78E-08	3.35E-07	3.37E-07	4.57E-07	4.73E-07	1.3701E-04
606827.8	4200908.22	96417.00644	0.07664	0.07859	0.06533	0.06328	0.04571	0.04632	1.36E-04	4.61E-07	4.79E-07	6.38E-07	6.15E-07	1.60E-07	1.62E-07	1.3839E-04
606287.14	4201141.24	96368.16756	0.01187	0.01208	0.04027	0.04063	0.1051	0.10785	1.36E-04	7.15E-08	7.37E-08	3.93E-07	3.95E-07	3.68E-07	3.77E-07	1.3706E-04
605807.71	4201292.53	96320.33934	0.00594	0.00598	0.02532	0.02562	0.28894	0.3126								
605927.14	4201261.24	96035.30687	0.00696	0.00702	0.02861	0.02891	0.22404	0.23985	1.36E-04	4.19E-08	4.28E-08	2.79E-07	2.81E-07	7.84E-07	8.38E-07	1.3630E-04
606345.06	4201127.99	96027.5951	0.01328	0.01354	0.04328	0.04363	0.09805	0.10026								
606487.67	4201097.52	95610.0991	0.01765	0.01811	0.05138	0.05175	0.08398	0.08527								
606527.8	4201088.22	95485.69963	0.01928	0.01983	0.05404	0.05441	0.08031	0.08142	1.35E-04	1.16E-07	1.21E-07	5.28E-07	5.29E-07	2.81E-07	2.85E-07	1.3617E-04
606423.8	4201112.57	95482.92968	0.01542	0.01576	0.04752	0.04788	0.09039	0.09201								
605987.14	4201241.24	95352.87372	0.00752	0.00759	0.03007	0.03038	0.19217	0.20301	1.35E-04	4.53E-08	4.63E-08	2.94E-07	2.95E-07	6.73E-07	7.09E-07	1.3537E-04
606047.14	4201221.24	95258.22226	0.00817	0.00826	0.03172	0.03205	0.16677	0.17452	1.35E-04	4.92E-08	5.04E-08	3.10E-07	3.12E-07	5.84E-07	6.10E-07	1.3528E-04
605852.79	4201278.5	95211.28603	0.00616	0.00621	0.02592	0.02621	0.25478	0.27441								
606607.8	4201068.22	95155.74372	0.02367	0.02448	0.0602	0.06051	0.07331	0.07414	1.34E-04	1.43E-07	1.49E-07	5.88E-07	5.89E-07	2.57E-07	2.59E-07	1.3588E-04
606307.14	4201141.24	94841.92913	0.01221	0.01242	0.04128	0.04165	0.10463	0.10716	1.34E-04	7.35E-08	7.58E-08	4.03E-07	4.05E-07	3.66E-07	3.74E-07	1.3493E-04
605863.81	4201276.17	94793.12014	0.00623	0.00628	0.02615	0.02644	0.25132	0.27093								
606227.14	4201161.24	94773.61852	0.01054	0.0107	0.03739	0.03777	0.11662	0.12007	1.34E-04	6.35E-08	6.53E-08	3.65E-07	3.67E-07	4.08E-07	4.20E-07	1.3474E-04
606365.06	4201127.99	94675.24289	0.01369	0.01396	0.04437	0.04473	0.09752	0.09954								
606107.14	4201201.24	94601.44793	0.00875	0.00885	0.0331	0.03344	0.1469	0.15265	1.34E-04	5.27E-08	5.40E-08	3.23E-07	3.25E-07	5.14E-07	5.33E-07	1.3439E-04
605818.78	4201293.61	94521.65516	0.00596	0.006	0.02544	0.02574	0.29517	0.31928								
606167.14	4201181.24	94402.38524	0.00952	0.00965	0.03497	0.03534	0.13037	0.13477	1.33E-04	5.73E-08	5.89E-08	3.42E-07	3.44E-07	4.56E-07	4.71E-07	1.3415E-04
605798.95	4201301.17	94332.63546	0.00585	0.00589	0.02517	0.02547	0.31966	0.34672								
606787.8	4200968.22	94304.8691	0.05353	0.05586	0.0714	0.07032	0.05327	0.05386	1.33E-04	3.22E-07	3.41E-07	6.97E-07	6.84E-07	1.87E-07	1.88E-07	1.3526E-04
606443.8	4201112.57	94069.46291	0.0159	0.01627	0.04875	0.04912	0.08976	0.09124								
606507.67	4201097.52	94053.38419	0.01822	0.01871	0.05277	0.05315	0.08333	0.08449								
605947.14	4201261.24	93954.88962	0.00709	0.00715	0.02912	0.02943	0.22583	0.24024	1.33E-04	4.27E-08	4.36E-08	2.84E-07	2.86E-07	7.91E-07	8.40E-07	1.3338E-04
606547.8	4201088.22	93850.00865	0.01998	0.02056	0.0556	0.05598	0.07965	0.08065	1.33E-04	1.20E-07	1.25E-07	5.43E-07	5.44E-07	2.79E-07	2.82E-07	1.3390E-04
606867.8	4200848.22	93645.49235	0.10405	0.105	0.05544	0.05268	0.03942	0.04001	1.32E-04	6.27E-07	6.41E-07	5.41E-07	5.12E-07	1.38E-07	1.40E-07	1.3460E-04
606847.8	4200888.22	93599.39802	0.08718	0.08918	0.06278	0.06005	0.04346	0.04405	1.32E-04	5.25E-07	5.44E-07	6.13E-07	5.84E-07	1.52E-07	1.54E-07	1.3448E-04
606807.8	4200948.22	93535.25375	0.0618	0.06416	0.07049	0.06909	0.05052	0.05111	1.32E-04	3.72E-07	3.91E-07	6.88E-07	6.72E-07	1.77E-07	1.79E-07	1.3425E-04
605829.79	4201291.28	93488.83271	0.00597	0.00601	0.02545	0.02575	0.28755	0.31046								
606385.06	4201127.99	93364.93883	0.01408	0.01437	0.04546	0.04583	0.09688	0.09874								
606007.14	4201241.24	93348.95243	0.00765	0.00773	0.0306	0.03091	0.19282	0.20267	1.32E-04	4.61E-08	4.72E-08	2.99E-07	3.01E-07	6.75E-07	7.08E-07	1.3255E-04
606067.14	4201221.24	93309.07579	0.0083	0.00839	0.03225	0.03258	0.16694	0.17397	1.32E-04	5.00E-08	5.12E-08	3.15E-07	3.17E-07	5.85E-07	6.08E-07	1.3254E-04
606247.14	4201161.24	93164.83836	0.0108	0.01096	0.03827	0.03865	0.11618	0.11938	1.32E-04	6.50E-08	6.69E-08	3.74E-07	3.76E-07	4.07E-07	4.17E-07	1.3248E-04
606627.8	4201068.22	93102.299	0.02456	0.02543	0.06206	0.06238	0.07266	0.07342	1.32E-04	1.48E-07	1.55E-07	6.06E-07	6.07E-07	2.54E-07	2.57E-07	1.3303E-04
606458.33	4201114.06	92577.04242	0.01621	0.01658	0.04969	0.05008	0.0897	0.09108								
606127.14	4201201.24	92551.70055	0.00888	0.00898	0.03362	0.03398	0.14676	0.152	1.31E-04	5.35E-08	5.48E-08	3.28E-07	3.30E-07	5.14E-07	5.31E-07	1.3150E-04
606187.14	4201181.24	92520.95955	0.00972	0.00985	0.0357	0.03608	0.13001	0.13406	1.31E-04	5.85E-08	6.01E-08	3.49E-07	3.51E-07	4.55E-07	4.68E-07	1.3151E-04
606567.8	4201088.22	92199.3927	0.02069	0.02131	0.05723	0.05762	0.07893	0.07985	1.30E-04	1.25E-07	1.30E-07	5.59E-07	5.60E-07	2.76E-07	2.79E-07	1.3161E-04
606405.06	4201127.99	92058.89061	0.0145	0.0148	0.04659	0.04697	0.09615	0.09787								
606827.8	4200928.22	91891.34258	0.07146	0.07371	0.06907	0.06731	0.04796	0.04854	1.30E-04	4.30E-07	4.50E-07	6.75E-07	6.55E-07	1.68E-07	1.70E-07	1.3201E-04
606887.8	4200808.22	91866.24705	0.12011	0.1193	0.04774	0.04539	0.0358	0.03637	1.30E-04	7.23E-07	7.28E-07	4.66E-07	4.41E-07	1.25E-07	1.27E-07	1.3213E-04
605967.14	4201261.24	91820.6771	0.0072	0.00727	0.02959	0.0299	0.22676	0.23963	1.30E-04	4.34E-08	4.43E-08	2.89E-07	2.91E-07	7.94E-07	8.37E-07	1.3037E-04
606267.14	4201161.24	91731.16123	0.01107	0.01125	0.03919	0.03959	0.1156	0.1185	1.30E-04	6.67E-08	6.86E-08	3.83E-07	3.85E-07	4.05E-07	4.14E-07	1.3048E-04
606325.06	4201147.99	91687.6239	0.01235	0.01257	0.04223	0.04263	0.10705	0.10937								
606027.14	4201241.24	91481.99811	0.00779	0.00787	0.03114	0.03146	0.19274	0.20159	1.29E-04	4.69E-08	4.80E-08	3.04E-07	3.06E-07	6.75E-07	7.04E-07	1.2993E-04
606087.14	4201221.24	91265.95027	0.00841	0.0085	0.03271	0.03305	0.16669	0.17307	1.29E-04	5.06E-08	5.19E-08	3.19E-07	3.21E-07	5.84E-07	6.05E-07	1.2966E-04
606478.33	4201114.06	91155.81631	0.0167	0.01709	0.05098	0.05139	0.08893	0.09018								
606647.8	4201068.22	90807.4748	0.0256	0.02652	0.06408	0.06441	0.07197	0.07266	1.28E-04	1.54E-07	1.62E-07	6.26E-07	6.26E-07	2.52E-07	2.54E-07	1.2984E-04
606207.14	4201181.24	90748.89209	0.00992	0.01006	0.03646	0.03686	0.12941	0.13311	1.28E-04	5.97E-08	6.14E-08	3.56E-07	3.58E-07	4.53E-07	4.65E-07	1.2903E-04
606147.14	4201201.24	90646.88001	0.00903	0.00914	0.03423	0.03461	0.14624	0.15099	1.28E-04	5.44E-08	5.58E-08	3.34E-07	3.37E-07	5.12E-07	5.28E-07	1.2883E-04
606287.14	4201161.24	90500.08817	0.01138	0.01156	0.04019	0.04058	0.11482	0.11747	1.28E-04	6.85E-08	7.05E-08	3.92E-07	3.95E-07	4.02E-07	4.11E-07	1.2876E-04
606587.8	4201088.22	90487.20005	0.02146	0.02212	0.05896	0.05938	0.07817	0.079	1.28E-04	1.29E-07	1.35E-07	5.76E-07	5.78E-07	2.74E-07	2.76E-07	1.2924E-04
606867.8	4200868.22	90422.1408	0.09897	0.10064	0.05926	0.0568	0.04136	0.04194	1.28E-04	5.96E-07	6.14E-07	5.79E-07	5.52E-07	1.45E-07	1.47E-07	1.3007E-04
605889.69	4201278.66	90419.39713	0.00625	0.0063	0.02638	0.02668	0.26254	0.28318								
605791.09	4201315.56	90401.69387	0.00573	0.00577	0.02502	0.02533	0.38597	0.42284								
606345.06	4201147.99	90347.02973	0.01273	0.01296	0.04335	0.04374	0.10623	0.10833								
606487.59	4201114.96	90227.29124	0.0169	0.0173	0.05162	0.05203	0.0888	0.08999								
605779.79	4201321.31	90116.82433	0.0057	0.00574	0.02498	0.0253	0.41611	0.4635								
605987.14	4201261.24	89820.58208	0.00732	0.00738	0.03006	0.03038	0.22658	0.23796	1.27E-04	4.41E-08	4.50E-08	2.94E-07	2.95E-07	7.93E-07	8.32E-07	1.2756E-04
606047.14	4201241.24	89789.7872	0.00794	0.00802	0.03173	0.03206	0.19199	0.19985	1.27E-04	4.78E-08	4.89E-08	3.10E-07	3.12E-07	6.72E-07	6.98E-07	1.2755E-04
605876.33	4201282.41	89770.10995	0.00609	0.00614	0.02582	0.02611	0.26679	0.28987								
606847.8	4200908.22	89690.01611	0.08221	0.08423	0.06696	0.06466	0.04558	0.04615	1.27E-04	4.95E-07	5.14E-07	6.54E-07	6.29E-07	1.60E-07	1.61E-07	1.2899E-04
606887.8	4200828.22	89601.82619	0.11633	0.11618	0.05164	0.04914	0.03757	0.03814	1.27E-04	7.00E-07	7.09E-07	5.04E-07	4.78E-07	1.32E-07	1.33E-07	1.2896E-04
606423.8	4201132.57	89522.45162	0.01477	0.01507	0.04775	0.04814	0.09696	0.09847								
606307.14	4201161.24	89398.54661	0.01171	0.0119	0.04124	0.04164	0.1139	0.11633	1.26E-04	7.05E-08	7.26E-08	4.03E-07	4.05E-07	3.99E-07	4.07E-07	1.2723E-04
606527.8	4201108.22	89259.25848	0.01831	0.01878	0.05442	0.05485	0.08529	0.0863	1.26E-04	1.10E-07	1.15E-07	5.31E-07	5.33E-07	2.99E-07	3.02E-07	1.2738E-04
606107.14	4201221.24	89117.79653	0.00849	0.00858	0.03309	0.03345	0.16612	0.17182	1.26E-04	5.11E-08	5.23E-08	3.23E-07	3.25E-07	5.82E-07	6.00E-07	1.2664E-04

606227.14	4201181.24	89098.32454	0.01014	0.01028	0.03727	0.03767	0.1286	0.13197	1.26E-04	6.11E-08	6.27E-08	3.64E-07	3.66E-07	4.50E-07	4.61E-07	1.2671E-04
606365.06	4201147.99	89045.50592	0.01314	0.01338	0.04452	0.04491	0.10528	0.10721								
606167.14	4201201.24	88823.8693	0.0092	0.00931	0.03489	0.03527	0.14541	0.14971	1.25E-04	5.54E-08	5.68E-08	3.41E-07	3.43E-07	5.09E-07	5.23E-07	1.2627E-04
606507.59	4201114.96	88778.24465	0.01746	0.01788	0.05305	0.05348	0.08793	0.08899								
606607.8	4201088.22	88717.47507	0.02224	0.02293	0.06076	0.06119	0.07738	0.07813	1.25E-04	1.34E-07	1.40E-07	5.93E-07	5.95E-07	2.71E-07	2.73E-07	1.2678E-04
606667.8	4201068.22	88341.88539	0.02662	0.02762	0.06618	0.0665	0.07126	0.07188	1.25E-04	1.60E-07	1.68E-07	6.46E-07	6.47E-07	2.50E-07	2.51E-07	1.2641E-04
606443.8	4201132.57	88217.36774	0.01521	0.01553	0.04897	0.04938	0.09602	0.09738								
606067.14	4201241.24	88157.55432	0.00809	0.00818	0.03232	0.03267	0.19066	0.19765	1.25E-04	4.87E-08	4.99E-08	3.16E-07	3.18E-07	6.68E-07	6.91E-07	1.2526E-04
605907.14	4201281.24	88096.2731	0.00632	0.00637	0.02678	0.02708	0.2738	0.29363	1.24E-04	3.81E-08	3.89E-08	2.62E-07	2.63E-07	9.59E-07	1.03E-06	1.2504E-04
605841.72	4201297.42	87973.45302	0.00579	0.00584	0.02492	0.02522	0.30006	0.32796								
606007.14	4201261.24	87958.3834	0.00744	0.00751	0.03056	0.03089	0.22541	0.2354	1.24E-04	4.48E-08	4.58E-08	2.98E-07	3.00E-07	7.89E-07	8.23E-07	1.2494E-04
606385.06	4201147.99	87789.10289	0.01353	0.01378	0.04564	0.04604	0.1043	0.10603								
606547.8	4201108.22	87771.56601	0.01892	0.01942	0.05597	0.05642	0.08441	0.08531	1.24E-04	1.14E-07	1.18E-07	5.47E-07	5.49E-07	2.96E-07	2.98E-07	1.2531E-04
605927.14	4201281.24	87759.80216	0.00656	0.00662	0.02778	0.02809	0.27528	0.29268	1.24E-04	3.95E-08	4.04E-08	2.71E-07	2.73E-07	9.64E-07	1.02E-06	1.2459E-04
606247.14	4201181.24	87616.8666	0.01037	0.01052	0.03813	0.03855	0.12762	0.13066	1.24E-04	6.24E-08	6.42E-08	3.72E-07	3.75E-07	4.47E-07	4.57E-07	1.2464E-04
606827.8	4200948.22	87533.8536	0.06621	0.06871	0.07264	0.07107	0.05026	0.0508	1.24E-04	3.99E-07	4.19E-07	7.09E-07	6.91E-07	1.76E-07	1.78E-07	1.2587E-04
605947.14	4201281.24	87191.96213	0.0068	0.00686	0.02875	0.02906	0.27335	0.2886	1.23E-04	4.09E-08	4.18E-08	2.81E-07	2.83E-07	9.57E-07	1.01E-06	1.2381E-04
606127.14	4201221.24	87188.47706	0.0086	0.0087	0.03357	0.03394	0.165	0.17014	1.23E-04	5.18E-08	5.31E-08	3.28E-07	3.30E-07	5.78E-07	5.95E-07	1.2392E-04
606187.14	4201201.24	87117.03739	0.00938	0.0095	0.0356	0.036	0.1443	0.14819	1.23E-04	5.65E-08	5.80E-08	3.48E-07	3.50E-07	5.05E-07	5.18E-07	1.2387E-04
606867.8	4200888.22	87090.17293	0.09361	0.09578	0.06386	0.06111	0.04336	0.04392	1.23E-04	5.64E-07	5.84E-07	6.24E-07	5.94E-07	1.52E-07	1.53E-07	1.2539E-04
606887.8	4200848.22	87017.45345	0.11154	0.11218	0.05584	0.05323	0.0394	0.03996	1.23E-04	6.72E-07	6.84E-07	5.45E-07	5.18E-07	1.38E-07	1.40E-07	1.2534E-04
606458.33	4201134.06	86856.61974	0.0155	0.01582	0.04992	0.05034	0.09576	0.09701								
606627.8	4201088.22	86849.55824	0.0231	0.02384	0.0627	0.06315	0.07656	0.07722	1.23E-04	1.39E-07	1.45E-07	6.12E-07	6.14E-07	2.68E-07	2.70E-07	1.2419E-04
605798.95	4201321.17	86670.21951	0.00563	0.00567	0.02475	0.02506	0.40811	0.44978								
606405.06	4201147.99	86549.29917	0.01393	0.01419	0.04678	0.04719	0.10323	0.10478								
606325.06	4201167.99	86500.97846	0.01185	0.01205	0.0422	0.04261	0.1161	0.11826								
606087.14	4201241.24	86454.87082	0.00823	0.00831	0.03288	0.03323	0.18898	0.19515	1.22E-04	4.96E-08	5.07E-08	3.21E-07	3.23E-07	6.62E-07	6.82E-07	1.2287E-04
605967.14	4201281.24	86361.49579	0.00699	0.00705	0.0295	0.02982	0.27037	0.28352	1.22E-04	4.21E-08	4.30E-08	2.88E-07	2.90E-07	9.47E-07	9.91E-07	1.2266E-04
606027.14	4201261.24	86280.47116	0.00757	0.00765	0.03111	0.03144	0.22333	0.23206	1.22E-04	4.56E-08	4.67E-08	3.04E-07	3.06E-07	7.82E-07	8.11E-07	1.2258E-04
606267.14	4201181.24	86251.31025	0.01062	0.01078	0.03904	0.03946	0.12647	0.12921	1.22E-04	6.39E-08	6.58E-08	3.81E-07	3.84E-07	4.43E-07	4.52E-07	1.2273E-04
606567.8	4201108.22	86246.87438	0.01959	0.02012	0.05763	0.05811	0.08349	0.0843	1.22E-04	1.18E-07	1.23E-07	5.63E-07	5.65E-07	2.92E-07	2.95E-07	1.2320E-04
606847.8	4200928.22	85847.44401	0.0767	0.07906	0.07097	0.06892	0.04775	0.04829	1.21E-04	4.62E-07	4.82E-07	6.93E-07	6.70E-07	1.67E-07	1.69E-07	1.2357E-04
606687.8	4201068.22	85674.71744	0.02778	0.02885	0.06844	0.06876	0.07052	0.07107	1.21E-04	1.67E-07	1.76E-07	6.68E-07	6.69E-07	2.47E-07	2.48E-07	1.2270E-04
606478.33	4201134.06	85545.1356	0.01596	0.01631	0.05123	0.05168	0.09472	0.09584								
606207.14	4201201.24	85517.21145	0.00957	0.0097	0.03636	0.03677	0.14297	0.14647	1.21E-04	5.76E-08	5.92E-08	3.55E-07	3.58E-07	5.01E-07	5.12E-07	1.2163E-04
606907.8	4200808.22	85466.45737	0.12864	0.12706	0.04822	0.04576	0.03583	0.03638	1.21E-04	7.75E-07	7.75E-07	4.71E-07	4.45E-07	1.25E-07	1.27E-07	1.2319E-04
606147.14	4201221.24	85446.20207	0.00874	0.00884	0.03416	0.03455	0.16351	0.16809	1.21E-04	5.26E-08	5.39E-08	3.34E-07	3.36E-07	5.72E-07	5.87E-07	1.2148E-04
606345.06	4201167.99	85236.44807	0.01222	0.01243	0.04336	0.04378	0.11481	0.11677								
605852.79	4201298.5	85228.67525	0.00572	0.00577	0.02469	0.02498	0.30002	0.33074								
606727.8	4201048.22	85195.7631	0.03259	0.03403	0.07215	0.07224	0.06589	0.0664	1.20E-04	1.96E-07	2.08E-07	7.05E-07	7.03E-07	2.31E-07	2.32E-07	1.2216E-04
606287.14	4201181.24	85069.46834	0.0109	0.01107	0.04002	0.04045	0.12515	0.12765	1.20E-04	6.56E-08	6.75E-08	3.91E-07	3.93E-07	4.38E-07	4.46E-07	1.2108E-04
606647.8	4201088.22	84832.94789	0.024	0.02479	0.06475	0.06521	0.0757	0.07629	1.20E-04	1.45E-07	1.51E-07	6.32E-07	6.34E-07	2.65E-07	2.67E-07	1.2140E-04
606047.14	4201261.24	84723.02745	0.00772	0.00779	0.0317	0.03204	0.22057	0.22818	1.20E-04	4.65E-08	4.75E-08	3.10E-07	3.12E-07	7.72E-07	7.97E-07	1.2039E-04
605987.14	4201281.24	84702.81167	0.00712	0.00718	0.03004	0.03036	0.26698	0.27824	1.20E-04	4.29E-08	4.38E-08	2.93E-07	2.95E-07	9.35E-07	9.72E-07	1.2032E-04
606487.59	4201134.96	84695.21062	0.01616	0.01651	0.05188	0.05235	0.09448	0.09553								
606587.8	4201108.22	84681.84065	0.02029	0.02085	0.05938	0.05988	0.08254	0.08325	1.20E-04	1.22E-07	1.27E-07	5.80E-07	5.82E-07	2.89E-07	2.91E-07	1.2103E-04
606107.14	4201241.24	84458.00708	0.0083	0.00839	0.03327	0.03363	0.18711	0.19257	1.19E-04	5.00E-08	5.12E-08	3.25E-07	3.27E-07	6.55E-07	6.73E-07	1.2006E-04
605863.81	4201296.17	84399.11138	0.00574	0.00579	0.02474	0.02503	0.29426	0.32399								
606887.8	4200868.22	84242.24064	0.10635	0.10759	0.06025	0.05759	0.04129	0.04184	1.19E-04	6.40E-07	6.56E-07	5.88E-07	5.60E-07	1.45E-07	1.46E-07	1.2144E-04
606423.8	4201152.57	84236.71667	0.01417	0.01444	0.04792	0.04835	0.10375	0.10514								
606307.14	4201181.24	84041.3047	0.01121	0.01139	0.04108	0.04151	0.12373	0.12596	1.19E-04	6.75E-08	6.95E-08	4.01E-07	4.04E-07	4.33E-07	4.40E-07	1.1966E-04
606227.14	4201201.24	84027.3692	0.00978	0.00991	0.03717	0.03759	0.14145	0.14459	1.19E-04	5.89E-08	6.05E-08	3.63E-07	3.66E-07	4.95E-07	5.05E-07	1.1954E-04
606365.06	4201167.99	83997.75089	0.01264	0.01285	0.0446	0.04503	0.11343	0.11517								
606167.14	4201221.24	83784.47496	0.00889	0.009	0.0348	0.0352	0.16171	0.1658	1.18E-04	5.35E-08	5.49E-08	3.40E-07	3.42E-07	5.66E-07	5.79E-07	1.1914E-04
606527.8	4201128.22	83759.88554	0.01744	0.01784	0.05469	0.05518	0.09041	0.09129	1.18E-04	1.05E-07	1.09E-07	5.34E-07	5.37E-07	3.17E-07	3.19E-07	1.1960E-04
606867.8	4200908.22	83736.67259	0.08774	0.09048	0.06784	0.06552	0.04541	0.04595	1.18E-04	5.28E-07	5.52E-07	6.63E-07	6.37E-07	1.59E-07	1.61E-07	1.2066E-04
606907.8	4200828.22	83469.99993	0.12471	0.12391	0.05224	0.0496	0.03757	0.03811	1.18E-04	7.51E-07	7.56E-07	5.10E-07	4.82E-07	1.32E-07	1.33E-07	1.2041E-04
606507.59	4201134.96	83370.62096	0.01666	0.01703	0.0533	0.05379	0.09334	0.09428								
606067.14	4201261.24	83320.07317	0.00788	0.00796	0.03234	0.03269	0.21723	0.2238	1.18E-04	4.74E-08	4.86E-08	3.16E-07	3.18E-07	7.61E-07	7.82E-07	1.1843E-04
606607.8	4201108.22	83072.00561	0.02105	0.02164	0.06126	0.06179	0.08154	0.08218	1.17E-04	1.27E-07	1.32E-07	5.98E-07	6.01E-07	2.85E-07	2.87E-07	1.1880E-04
606461.88	4201147.93	83047.00713	0.01513	0.01543	0.05028	0.05074	0.09987	0.10099								
606007.14	4201281.24	83024.91974	0.00724	0.0073	0.03054	0.03087	0.26285	0.2724	1.17E-04	4.36E-08	4.45E-08	2.98E-07	3.00E-07	9.20E-07	9.52E-07	1.1797E-04
606443.8	4201152.57	83018.31911	0.01459	0.01487	0.04915	0.0496	0.10251	0.10372								
605779.97	4201340.44	82963.36839	0.00549	0.00553	0.02455	0.02487	0.56222	0.62399								
606707.8	4201068.22	82887.20682	0.02899	0.03014	0.07081	0.07112	0.06976	0.07025	1.17E-04	1.75E-07	1.84E-07	6.92E-07	6.92E-07	2.44E-07	2.45E-07	1.1883E-04
606385.06	4201167.99	82800.34456	0.01302	0.01324	0.04576	0.0462	0.11203	0.11358								
606667.8	4201088.22	82651.74363	0.02498	0.02582	0.06693	0.0674	0.07483	0.07535	1.17E-04	1.50E-07	1.58E-07	6.54E-07	6.56E-07	2.62E-07	2.63E-07	1.1837E-04
606247.14	4201201.24	82628.10333	0.00999	0.01013	0.038	0.03844	0.13977	0.14261	1.17E-04	6.02E-08	6.18E-08	3.71E-07	3.74E-07	4.89E-07	4.98E-07	1.1759E-04
606127.14	4201241.24	82446.59962	0.00836	0.00846	0.0336	0.03398	0.1849	0.18969	1.16E-04	5.03E-08	5.16E-08	3.28E-07	3.30E-07	6.47E-07	6.63E-07	1.1722E-04
606547.8	4201128.22	82374.63131	0.01803	0.01846	0.05629	0.05681	0.08929	0.09005	1.16E-04	1.09E-07	1.13E-07	5.50E-07	5.53E-07	3.13E-07	3.15E-07	1.1768E-04
605791.09	4201335.56	82242.12053	0.00546	0.0055	0.02433	0.02465	0.49345	0.55806								
606187.14	4201221.24	82212.33578	0.00906	0.00917	0.03549	0.0359	0.15968	0.16331	1.16E-04	5.46E-08	5.59E-08	3.47E-07	3.49E-07	5.59E-07	5.71E-07	1.1694E-04
606087.14	4201261.24	81978.68813	0.00805	0.00813	0.03301	0.03338	0.21347	0.21917	1.16E-04	4.85E-08	4.96E-08	3.22E-07	3.25E-07	7.47E-07	7.66E-07	1.1655E-04
606481.88	4201147.93	81801.47737	0.01558	0.01589	0.05161	0.05209	0.09859	0.09959								
606747.8	4201048.22	81784.26146	0.03428	0.03584	0.07478	0.07484	0.06521	0.06567	1.16E-04	2.06E-07	2.19E-07	7.30E-07	7.28E-07	2.28E-07	2.29E-07	1.1741E-04
606405.06	4201167.99	81628.89612	0.01339	0.01363	0.04692	0.04736	0.11056	0.11194								
606325.06	4201187.99	81598.8466	0.01137	0.01154	0.04206	0.0425	0.1256	0.12756								
606027.14	4201281.24	81458.80762	0.00736	0.00743	0.03106	0.03141	0.25799	0.26603	1.15E-04	4.43E-08	4.53E-08	3.03E-07	3.05E-07	9.03E-07	9.30E-07	1.1577E-04
606887.8	4200888.22	81364.95425	0.1007	0.10229	0.06484	0.06219	0.04324	0.04376	1.15E-04	6.06E-07	6.24E-07	6.33E-07	6.05E-07	1.51E-07	1.53E-07	1.1740E-04
606627.8	4201108.22	81358.98373	0.02185	0.02248	0.06324	0.0638	0.08052	0.08108	1.15E-04	1.32E-07	1.37E-07	6.18E-07	6.21E-07	2.82E-07	2.83E-07	1.1643E-04
606267.14	4201201.24	81355.83422	0.01023	0.01037	0.0389	0.03934	0.13795	0.14049	1.15E-04	6.16E-08	6.33E-08	3.80E-07	3.83E-07	4.83E-07	4.91E-07	1.1581E-04
606907.8	4200848.22	81223.29463	0.12016	0.12015	0.05661	0.05383	0.03936	0.03989	1.15E-04	7.24E-07	7.33E-07	5.53E-07	5.24E-07	1.38E-07	1.39E-07	1.1727E-04
606567.8	4201128.22	80968.40422	0.01865	0.01911	0.05798	0.05852	0.08812	0.08881	1.14E-04	1.12E-07	1.17E-07	5.66E-07	5.69E-07	3.09E-07	3.10E-07	1.1574E-04
606147.14	4201241.24	80826.52531	0.00849	0.00859	0.03416	0.03455	0.18217	0.18636	1.14E-04	5.11E-08	5.24E-08	3.34E-07	3.36E-07	6.38E-07	6.51E-07	1.1495E-04
606207.14	4201221.24	80737.17284	0.00924	0.00936	0.03622	0.03665	0.15746	0.16067	1.14E-04	5.56E-08	5.71E-08	3.54E-07	3.56E-07	5.51E-07	5.61E-07	1.1487E-04
606345.06	4201187.99	80600.63229	0.01173	0.01192	0.04327	0.04371	0.1238	0.12552								
606501.88	4201147.93	80544.37341	0.01605	0.01639	0.05302	0.05353	0.09729	0.09816								
606867.8	4200928.22	80447.12825	0.08202	0.08505	0.07266	0.07	0.04752	0.04802	1.14E-04	4.94E-07	5.19E-07	7.10E-07	6.81E-07	1.66E-07	1.68E-07	1.1604E-04
606107.14	4201261.24	80370.10727	0.00817	0.00825	0.03354	0.03392	0.20974	0.21462	1.14E-04	4.92E-08	5.03E-08	3.28E-07	3.30E-07	7.34E-07	7.50E-07	1.1429E-04
606687.8	4201088.22	80316.68742	0.02605	0.02696	0.06928	0.06976	0.07393	0.07439	1.13E-04	1.57E-07	1.64E-07	6.77E-07	6.78E-07	2.59E-07	2.60E-07	1.1513E-04
606287.14	4201201.24	80167.50726	0.01047	0.01062	0.03982	0.04027	0.13606	0.13829	1.13E-04	6.30E-08	6.48E-08	3.89E-07	3.92E-07	4.76E-07	4.83E-07	1.1415E-04
606047.14	4201281.24	80115.48151	0.00752	0.00759	0.03169	0.03204	0.25235	0.25917	1.13E-04	4.53E-08	4.63E-08	3.09E-07	3.12E-07	8.84E-07	9.06E-07	1.1388E-04
605889.69	4201298.66	80006.64879	0.00571	0.00575	0.02474	0.02502	0.30855	0.33621								
606727.8	4201068.22	79988.07642	0.03036	0.0316	0.07337	0.07367	0.06896	0.0694	1.13E-04	1.83E-07	1.93E-07	7.17E-07	7.16E-07	2.41E-07	2.43E-07	1.1480E-04
606927.8	4200808.22	79890.25681	0.13855	0.13642	0.04848	0.04592	0.03585	0.03638	1.13E-04	8.34E-07	8.32E-07	4.73E-07	4.47E-07	1.26E-07	1.27E-07	1.1544E-04
605876.33	4201302.41	79796.78091	0.0056	0.00565	0.02438	0.02467	0.31505	0.34604								
605759.97	4201360.44	79776.2975	0.0054	0.00544	0.02455	0.02489	0.85648	1.02048								
606647.8	4201108.22	79558.58174	0.02267	0.02334	0.06533	0.06591	0.07948	0.07997	1.12E-04	1.37E-07	1.42E-07	6.38E-07	6.41E-07	2.78E-07	2.79E-07	1.1394E-04
606587.8	4201128.22	79531.23862	0.01929	0.01977	0.05974	0.06032	0.08695	0.08754	1.12E-04	1.16E-07	1.21E-07	5.83E-07	5.87E-07	3.04E-07	3.06E-07	1.1375E-04
606423.8	4201172.57	79503.1443	0.01363	0.01387	0.04805	0.04852	0.11078	0.11196								
605947.14	4201301.24	79497.99272	0.00634	0.0064	0.02757	0.02789	0.33247	0.34855	1.12E-04	3.82E-08	3.90E-08	2.69E-07	2.71E-07	1.16E-06	1.22E-06	1.1291E-04
606365.06	4201187.99	79443.29634	0.01213	0.01232	0.04455	0.04501	0.12193	0.12345								
605967.14	4201301.24	79429.33924	0.0066	0.00666	0.02867	0.029	0.32417	0.33621	1.12E-04	3.97E-08	4.06E-08	2.80E-07	2.82E-07	1.14E-06	1.17E-06	1.1284E-04
606227.14	4201221.24	79363.7373	0.00944	0.00956	0.03701	0.03745	0.15508	0.15792	1.12E-04	5.68E-08	5.83E-08	3.61E-07	3.64E-07	5.43E-07	5.52E-07	1.1295E-04
606167.14	4201241.24	79302.29338	0.00864	0.00874	0.03478	0.03519	0.1792	0.18283	1.12E-04	5.20E-08	5.33E-08	3.40E-07	3.42E-07	6.27E-07	6.39E-07	1.1281E-04
606787.8	4201028.22	79269.60194	0.04154	0.04362	0.07875	0.07845	0.06111	0.06153	1.12E-04	2.50E-07	2.66E-07	7.69E-07	7.63E-07	2.14E-07	2.15E-07	1.1402E-04
606307.14	4201201.24	79103.51088	0.01074	0.01089	0.04081	0.04127	0.13404	0.13601	1.12E-04	6.47E-08	6.64E-08	3.99E-07	4.01E-07	4.69E-07	4.75E-07	1.1267E-04
605987.14	4201301.24	78978.97177	0.00684	0.0069	0.02965	0.02999	0.31481	0.32477	1.12E-04	4.12E-08	4.21E-08	2.90E-07	2.92E-07	1.10E-06	1.13E-06	1.1223E-04
606067.14	4201281.24	78903.89067	0.00769	0.00776	0.03238	0.03274	0.24632	0.25204	1.11E-04	4.63E-08	4.73E-08	3.16E-07	3.18E-07	8.62E-07	8.81E-07	1.1219E-04
606527.8	4201148.22	78848.91934	0.01669	0.01704	0.05494	0.05548	0.09561	0.09635	1.11E-04	1.00E-07	1.04E-07	5.37E-07	5.40E-07	3.35E-07	3.37E-07	1.1266E-04
606907.8	4200868.22	78809.36958	0.11494	0.1156	0.0613	0.05841	0.0412	0.04171	1.11E-04	6.92E-07	7.05E-07	5.99E-07	5.68E-07	1.44E-07	1.46E-07	1.1389E-04
605927.14	4201301.24	78669.8488	0.00602	0.00607	0.02622	0.02652	0.33453	0.35478	1.11E-04	3.62E-08	3.70E-08	2.56E-07	2.58E-07	1.17E-06	1.24E-06	1.1171E-04
606887.8	4200908.22	78472.95344	0.09477	0.09678	0.06949	0.06694	0.04523	0.04572	1.11E-04	5.71E-07	5.90E-07	6.79E-07	6.51E-07	1.58E-07	1.60E-07	1.1334E-04
606767.8	4201048.22	78374.67463	0.03621	0.03791	0.07763	0.07765	0.0645	0.06491	1.11E-04	2.18E-07	2.31E-07	7.58E-07	7.55E-07	2.26E-07	2.27E-07	1.1267E-04
606127.14	4201261.24	78374.00987	0.0082	0.00829	0.03381	0.0342	0.20614	0.2103	1.11E-04	4.94E-08	5.06E-08	3.30E-07	3.33E-07	7.22E-07	7.35E-07	1.1147E-04
606443.8	4201172.57	78363.7382	0.01403	0.01427	0.04929	0.04977	0.10914	0.1102								
606007.14	4201301.24	78360.24309	0.00703	0.0071	0.03044	0.03079	0.30533	0.31351	1.11E-04	4.23E-08	4.33E-08	2.97E-07	2.99E-07	1.07E-06	1.10E-06	1.1137E-04
606461.88	4201167.93	78351.56414	0.01453	0.0148	0.05044	0.05093	0.10618	0.10713								
606385.06	4201187.99	78297.853	0.01255	0.01275	0.04585	0.04632	0.11999	0.12135								
606927.8	4200828.22	78101.12581	0.13491	0.13348	0.05275	0.04996	0.03755	0.03806	1.10E-04	8.12E-07	8.14E-07	5.15E-07	4.86E-07	1.31E-07	1.33E-07	1.1295E-04
606247.14	4201221.24	78085.41837	0.00964	0.00977	0.03785	0.0383	0.15261	0.15509	1.10E-04	5.80E-08	5.96E-08	3.70E-07	3.72E-07	5.34E-07	5.42E-07	1.1116E-04
606607.8	4201128.22	78058.22131	0.02	0.0205	0.06165	0.06225	0.08574	0.08626	1.10E-04	1.20E-07	1.25E-07	6.02E-07	6.05E-07	3.00E-07	3.01E-07	1.1172E-04
606087.14	4201281.24	77933.86576	0.00789	0.00797	0.03319	0.03356	0.23985	0.24466	1.10E-04	4.75E-08	4.86E-08	3.24E-07	3.26E-07	8.40E-07	8.55E-07	1.1083E-04
605907.14	4201301.24	77929.82806	0.00575	0.00579	0.02504	0.02533	0.32389	0.34872	1.10E-04	3.46E-08	3.53E-08	2.45E-07	2.46E-07	1.13E-06	1.22E-06	1.1064E-04
606707.8	4201088.22	77877.43861	0.02721	0.02818	0.07176	0.07225	0.073	0.0734	1.10E-04	1.64E-07	1.72E-07	7.01E-07	7.03E-07	2.56E-07	2.57E-07	1.1175E-04
606187.14	4201241.24	77837.66778	0.00879	0.00889	0.03544	0.03586	0.17605	0.17921	1.10E-04	5.29E-08	5.42E-08	3.46E-07	3.49E-07	6.16E-07	6.26E-07	1.1075E-04
606667.8	4201108.22	77624.57666	0.02358	0.0243	0.06757	0.06817	0.07842	0.07884	1.10E-04	1.42E-07	1.48E-07	6.60E-07	6.63E-07	2.75E-07	2.76E-07	1.1126E-04
606547.8	4201148.22	77559.49903	0.01724	0.01761	0.05655	0.05712	0.09423	0.09487	1.10E-04	1.04E-07	1.07E-07	5.52E-07	5.56E-07	3.30E-07	3.32E-07	1.1088E-04
606481.88	4201167.93	77194.58692	0.01496	0.01524	0.05177	0.05229	0.10458	0.1054								
606405.06	4201187.99	77193.22535	0.01291	0.01312	0.04702	0.0475	0.11811	0.11927								
606027.14	4201301.24	77069.05184	0.00717	0.00724	0.03105	0.0314	0.29624	0.30294	1.09E-04	4.32E-08	4.42E-08	3.03E-07	3.05E-07	1.04E-06	1.06E-06	1.0956E-04
606747.8	4201068.22	77034.34592	0.03191	0.03325	0.07613	0.07642	0.06815	0.06853	1.09E-04	1.92E-07	2.03E-07	7.43E-07	7.43E-07	2.39E-07	2.39E-07	1.1070E-04
606267.14	4201221.24	76884.50498	0.00986	0.00999	0.03872	0.03918	0.15003	0.15221	1.09E-04	5.94E-08	6.09E-08	3.78E-07	3.81E-07	5.25E-07	5.32E-07	1.0948E-04
606107.14	4201281.24	76799.58342	0.00807	0.00815	0.0339	0.03429	0.23359	0.23765	1.08E-04	4.86E-08	4.97E-08	3.31E-07	3.33E-07	8.18E-07	8.30E-07	1.0925E-04
606147.14	4201261.24	76771.86963	0.0083	0.00839	0.03429	0.03469	0.20197	0.20556	1.08E-04	5.00E-08	5.12E-08	3.35E-07	3.37E-07	7.07E-07	7.18E-07	1.0922E-04
606325.06	4201207.99	76745.43171	0.01086	0.01101	0.0417	0.04217	0.13553	0.13722								
606627.8	4201128.22	76501.62533	0.02075	0.02128	0.06367	0.06431	0.08453	0.08495	1.08E-04	1.25E-07	1.30E-07	6.22E-07	6.25E-07	2.96E-07	2.97E-07	1.0957E-04
606207.14	4201241.24	76469.81187	0.00896	0.00907	0.03615	0.03659	0.17277	0.17551	1.08E-04	5.40E-08	5.53E-08	3.53E-07	3.56E-07	6.05E-07	6.13E-07	1.0884E-04
606907.8	4200888.22	76308.93177	0.10915	0.11042	0.06619	0.06329	0.04309	0.04358	1.08E-04	6.57E-07	6.74E-07	6.46E-07	6.16E-07	1.51E-07	1.52E-07	1.1038E-04
606567.8	4201148.22	76269.61526	0.01782	0.01821	0.05825	0.05885	0.09283	0.09336	1.08E-04	1.07E-07	1.11E-07	5.69E-07	5.72E-07	3.25E-07	3.26E-07	1.0910E-04
606927.8	4200848.22	76116.92934	0.13044	0.12983	0.05739	0.05442	0.03929	0.03979	1.08E-04	7.85E-07	7.92E-07	5.60E-07	5.29E-07	1.38E-07	1.39E-07	1.1019E-04
606501.88	4201167.93	76023.87152	0.01542	0.01571	0.05321	0.05375	0.10294	0.10364								
606345.06	4201207.99	76002.80178	0.01121	0.01137	0.04293	0.04341	0.13316	0.13461								
606047.14	4201301.24	75758.21139	0.00731	0.00738	0.03162	0.03198	0.28723	0.29263	1.07E-04	4.40E-08	4.50E-08	3.09E-07	3.11E-07	1.01E-06	1.02E-06	1.0772E-04
606287.14	4201221.24	75735.98155	0.01008	0.01021	0.0396	0.04007	0.1474	0.1493	1.07E-04	6.07E-08	6.23E-08	3.87E-07	3.90E-07	5.16E-07	5.22E-07	1.0788E-04
606827.8	4201008.22	75577.91484	0.05142	0.05409	0.08241	0.08162	0.0574	0.0578	1.07E-04	3.10E-07	3.30E-07	8.05E-07	7.94E-07	2.01E-07	2.02E-07	1.0900E-04
606687.8	4201108.22	75571.80884	0.02456	0.02532	0.06997	0.07059	0.07734	0.0777	1.07E-04	1.48E-07	1.54E-07	6.83E-07	6.87E-07	2.71E-07	2.72E-07	1.0842E-04
606807.8	4201028.22	75564.9609	0.04413	0.0464	0.08179	0.08142	0.06048	0.06087	1.07E-04	2.66E-07	2.83E-07	7.99E-07	7.92E-07	2.12E-07	2.13E-07	1.0888E-04
606727.8	4201088.22	75353.04582	0.02844	0.02949	0.0744	0.07489	0.07207	0.07241	1.06E-04	1.71E-07	1.80E-07	7.27E-07	7.28E-07	2.52E-07	2.53E-07	1.0825E-04
606365.06	4201207.99	75290.33151	0.01161	0.01178	0.04429	0.04478	0.13072	0.13198								
606167.14	4201261.24	75240.19388	0.00841	0.00851	0.0348	0.03521	0.19768	0.2007	1.06E-04	5.06E-08	5.19E-08	3.40E-07	3.42E-07	6.92E-07	7.01E-07	1.0707E-04
606423.8	4201192.57	75232.18236	0.01314	0.01335	0.04816	0.04866	0.11797	0.11893								
606127.14	4201281.24	75170.19736	0.00816	0.00825	0.03437	0.03477	0.22796	0.2313	1.06E-04	4.91E-08	5.03E-08	3.36E-07	3.38E-07	7.98E-07	8.08E-07	1.0696E-04
606227.14	4201241.24	75159.07242	0.00913	0.00924	0.03689	0.03734	0.16941	0.17179	1.06E-04	5.50E-08	5.64E-08	3.60E-07	3.63E-07	5.93E-07	6.00E-07	1.0700E-04
605779.97	4201360.44	75056.68876	0.0052	0.00524	0.02371	0.02403	0.76053	0.89551								
606787.8	4201048.22	75045.44066	0.03825	0.0401	0.08062	0.08061	0.06378	0.06414	1.06E-04	2.30E-07	2.45E-07	7.87E-07	7.84E-07	2.23E-07	2.24E-07	1.0805E-04
606947.8	4200808.22	74967.92316	0.14935	0.14655	0.04867	0.04599	0.03586	0.03636	1.06E-04	8.99E-07	8.94E-07	4.75E-07	4.47E-07	1.26E-07	1.27E-07	1.0861E-04
606587.8	4201148.22	74937.28892	0.01844	0.01885	0.06005	0.06069	0.09141	0.09185	1.06E-04	1.11E-07	1.15E-07	5.86E-07	5.90E-07	3.20E-07	3.21E-07	1.0726E-04
606067.14	4201301.24	74882.55054	0.00751	0.00759	0.03245	0.03282	0.27752	0.28192	1.06E-04	4.52E-08	4.63E-08	3.17E-07	3.19E-07	9.72E-07	9.85E-07	1.0650E-04
606647.8	4201128.22	74881.88746	0.02151	0.02208	0.06579	0.06646	0.08329	0.08365	1.06E-04	1.30E-07	1.35E-07	6.42E-07	6.46E-07	2.92E-07	2.92E-07	1.0733E-04
606307.14	4201221.24	74692.28755	0.01032	0.01046	0.04055	0.04103	0.14471	0.14638	1.06E-04	6.21E-08	6.38E-08	3.96E-07	3.99E-07	5.07E-07	5.12E-07	1.0643E-04
606527.8	4201168.22	74450.43151	0.01602	0.01632	0.05513	0.05572	0.1009	0.10145	1.05E-04	9.65E-08	9.96E-08	5.38E-07	5.42E-07	3.53E-07	3.55E-07	1.0644E-04
606087.14	4201301.24	74233.76558	0.00776	0.00783	0.03338	0.03376	0.26772	0.27134	1.05E-04	4.67E-08	4.78E-08	3.26E-07	3.28E-07	9.37E-07	9.48E-07	1.0561E-04
606385.06	4201207.99	74224.81045	0.01205	0.01223	0.04575	0.04625	0.12825	0.12932								
606443.8	4201192.57	74165.49662	0.01352	0.01374	0.0494	0.04992	0.11593	0.11675								
606461.88	4201187.93	74125.39748	0.01399	0.01423	0.05055	0.05108	0.11258	0.11335								
606767.8	4201068.22	74083.6424	0.03359	0.03504	0.07907	0.07935	0.06732	0.06764	1.05E-04	2.02E-07	2.14E-07	7.72E-07	7.72E-07	2.36E-07	2.36E-07	1.0661E-04
605791.09	4201355.56	74051.40466	0.00514	0.00518	0.02339	0.0237	0.64998	0.76952								
606927.8	4200868.22	73997.35032	0.1252	0.12524	0.06236	0.05926	0.04109	0.04157	1.05E-04	7.54E-07	7.64E-07	6.09E-07	5.76E-07	1.44E-07	1.45E-07	1.0723E-04
606247.14	4201241.24	73946.86072	0.00932	0.00943	0.03769	0.03815	0.16599	0.16807	1.04E-04	5.61E-08	5.75E-08	3.68E-07	3.71E-07	5.81E-07	5.87E-07	1.0531E-04
606187.14	4201261.24	73845.99749	0.00855	0.00864	0.0354	0.03583	0.19325	0.19581	1.04E-04	5.15E-08	5.27E-08	3.46E-07	3.48E-07	6.77E-07	6.84E-07	1.0511E-04
606607.8	4201148.22	73583.26952	0.01909	0.01953	0.06198	0.06265	0.08998	0.09035	1.04E-04	1.15E-07	1.19E-07	6.05E-07	6.09E-07	3.15E-07	3.16E-07	1.0539E-04
606147.14	4201281.24	73484.50613	0.00823	0.00831	0.03475	0.03517	0.22236	0.22511	1.04E-04	4.96E-08	5.07E-08	3.39E-07	3.42E-07	7.79E-07	7.87E-07	1.0458E-04
606707.8	4201108.22	73419.25333	0.02565	0.02647	0.07255	0.07319	0.07627	0.07657	1.04E-04	1.54E-07	1.61E-07	7.08E-07	7.12E-07	2.67E-07	2.68E-07	1.0545E-04
606947.8	4200828.22	73360.72938	0.14597	0.14392	0.05313	0.05019	0.03751	0.038	1.04E-04	8.79E-07	8.78E-07	5.19E-07	4.88E-07	1.31E-07	1.33E-07	1.0639E-04
606547.8	4201168.22	73257.10793	0.01653	0.01686	0.05675	0.05737	0.09923	0.0997	1.03E-04	9.95E-08	1.03E-07	5.54E-07	5.58E-07	3.47E-07	3.48E-07	1.0480E-04
606405.06	4201207.99	73169.90351	0.01246	0.01265	0.04709	0.0476	0.12581	0.12673								
606667.8	4201128.22	73152.85189	0.02237	0.02297	0.06809	0.0688	0.08204	0.08234	1.03E-04	1.35E-07	1.40E-07	6.65E-07	6.69E-07	2.87E-07	2.88E-07	1.0494E-04
606107.14	4201301.24	73078.12963	0.00799	0.00807	0.03425	0.03461	0.25839	0.26132	1.03E-04	4.81E-08	4.92E-08	3.34E-07	3.37E-07	9.05E-07	9.13E-07	1.0400E-04
606481.88	4201187.93	73042.17099	0.01441	0.01466	0.05192	0.05247	0.11065	0.11126								
606007.14	4201321.24	72972.30377	0.00672	0.00679	0.0299	0.03025	0.35365	0.35936	1.03E-04	4.05E-08	4.14E-08	2.92E-07	2.94E-07	1.24E-06	1.26E-06	1.0375E-04
605987.14	4201321.24	72923.49996	0.00644	0.0065	0.0287	0.02905	0.36962	0.37817	1.03E-04	3.88E-08	3.97E-08	2.80E-07	2.83E-07	1.29E-06	1.32E-06	1.0365E-04
606027.14	4201321.24	72871.48144	0.00697	0.00704	0.03094	0.0313	0.33803	0.34253	1.03E-04	4.20E-08	4.29E-08	3.02E-07	3.04E-07	1.18E-06	1.20E-06	1.0363E-04
605759.97	4201380.44	72805.43167	0.00516	0.0052	0.02391	0.02426	1.44208	1.78704								
606267.14	4201241.24	72801.14373	0.00951	0.00963	0.03852	0.039	0.16255	0.16433	1.03E-04	5.73E-08	5.87E-08	3.76E-07	3.79E-07	5.69E-07	5.74E-07	1.0371E-04
606747.8	4201088.22	72770.52775	0.02987	0.03099	0.07727	0.07777	0.0711	0.07139	1.03E-04	1.80E-07	1.89E-07	7.55E-07	7.56E-07	2.49E-07	2.49E-07	1.0467E-04
606207.14	4201261.24	72561.53493	0.0087	0.0088	0.03608	0.03653	0.18876	0.19092	1.02E-04	5.24E-08	5.37E-08	3.52E-07	3.55E-07	6.61E-07	6.67E-07	1.0331E-04
606325.06	4201227.99	72433.55288	0.01041	0.01055	0.04135	0.04184	0.14574	0.14709								
605967.14	4201321.24	72241.9114	0.00612	0.00618	0.02732	0.02765	0.38781	0.39985	1.02E-04	3.69E-08	3.77E-08	2.67E-07	2.69E-07	1.36E-06	1.40E-06	1.0266E-04
606627.8	4201148.22	72172.80716	0.01976	0.02022	0.06398	0.06469	0.08855	0.08884	1.02E-04	1.19E-07	1.23E-07	6.25E-07	6.29E-07	3.10E-07	3.10E-07	1.0345E-04
606567.8	4201168.22	72058.55315	0.01708	0.01742	0.05845	0.0591	0.09757	0.09795	1.02E-04	1.03E-07	1.06E-07	5.71E-07	5.75E-07	3.42E-07	3.42E-07	1.0314E-04
606827.8	4201028.22	72022.38326	0.04706	0.04954	0.08506	0.08462	0.05984	0.06018	1.02E-04	2.83E-07	3.02E-07	8.31E-07	8.23E-07	2.10E-07	2.10E-07	1.0398E-04
606501.88	4201187.93	71955.72437	0.01484	0.0151	0.05335	0.05393	0.10868	0.10918								
606167.14	4201281.24	71869.05974	0.00829	0.00838	0.03513	0.03556	0.21669	0.21893	1.02E-04	4.99E-08	5.11E-08	3.43E-07	3.46E-07	7.59E-07	7.65E-07	1.0231E-04
605947.14	4201321.24	71837.61044	0.00587	0.00592	0.02619	0.02651	0.40012	0.41453	1.01E-04	3.53E-08	3.61E-08	2.56E-07	2.58E-07	1.40E-06	1.45E-06	1.0206E-04
606127.14	4201301.24	71833.96468	0.00812	0.0082	0.03484	0.03522	0.25044	0.25275	1.01E-04	4.89E-08	5.00E-08	3.40E-07	3.43E-07	8.77E-07	8.83E-07	1.0225E-04

606047.14	4201321.24	71810.60508	0.00712	0.00719	0.0316	0.03197	0.3243	0.32777	1.01E-04	4.29E-08	4.39E-08	3.09E-07	3.11E-07	1.14E-06	1.15E-06	1.0214E-04
606807.8	4201048.22	71802.1142	0.04059	0.0426	0.08386	0.08382	0.06304	0.06335	1.01E-04	2.44E-07	2.60E-07	8.19E-07	8.15E-07	2.21E-07	2.21E-07	1.0356E-04
606847.8	4201008.22	71799.7068	0.05504	0.05794	0.08561	0.08453	0.05685	0.05721	1.01E-04	3.31E-07	3.53E-07	8.36E-07	8.22E-07	1.99E-07	2.00E-07	1.0377E-04
606927.8	4200888.22	71794.77961	0.11931	0.12036	0.06767	0.0645	0.04292	0.04338	1.01E-04	7.18E-07	7.34E-07	6.61E-07	6.27E-07	1.50E-07	1.52E-07	1.0416E-04
606287.14	4201241.24	71700.56169	0.00971	0.00984	0.03936	0.03985	0.15911	0.16063	1.01E-04	5.85E-08	6.00E-08	3.84E-07	3.88E-07	5.57E-07	5.61E-07	1.0217E-04
606947.8	4200848.22	71589.55421	0.1417	0.14051	0.05805	0.05487	0.03921	0.03968	1.01E-04	8.53E-07	8.57E-07	5.67E-07	5.34E-07	1.37E-07	1.39E-07	1.0394E-04
606345.06	4201227.99	71578.76962	0.01069	0.01084	0.04244	0.04294	0.14277	0.14392								
606227.14	4201261.24	71364.66259	0.00887	0.00897	0.03682	0.03729	0.18426	0.18608	1.01E-04	5.34E-08	5.47E-08	3.60E-07	3.63E-07	6.45E-07	6.50E-07	1.0164E-04
606423.8	4201212.57	71354.25602	0.01269	0.01288	0.04824	0.04877	0.12528	0.12599								
606687.8	4201128.22	71325.83296	0.02331	0.02396	0.07058	0.07132	0.08078	0.08102	1.01E-04	1.40E-07	1.46E-07	6.89E-07	6.94E-07	2.83E-07	2.83E-07	1.0242E-04
606727.8	4201108.22	71197.37628	0.0268	0.02767	0.07527	0.07593	0.07517	0.07541	1.01E-04	1.61E-07	1.69E-07	7.35E-07	7.38E-07	2.63E-07	2.64E-07	1.0238E-04
606787.8	4201068.22	71172.00069	0.03542	0.03699	0.0822	0.08247	0.06647	0.06675	1.01E-04	2.13E-07	2.26E-07	8.03E-07	8.02E-07	2.33E-07	2.33E-07	1.0258E-04
606867.8	4200988.22	71138.23537	0.06455	0.06738	0.08434	0.08301	0.05405	0.05442	1.00E-04	3.89E-07	4.11E-07	8.24E-07	8.07E-07	1.89E-07	1.90E-07	1.0292E-04
605927.14	4201321.24	71112.52411	0.0056	0.00565	0.02505	0.02535	0.40049	0.4201	1.00E-04	3.37E-08	3.45E-08	2.45E-07	2.47E-07	1.40E-06	1.47E-06	1.0101E-04
606365.06	4201227.99	70903.27552	0.01104	0.0112	0.04373	0.04424	0.13978	0.14074								
606067.14	4201321.24	70826.90693	0.00729	0.00736	0.03231	0.03268	0.31115	0.31377	1.00E-04	4.39E-08	4.49E-08	3.16E-07	3.18E-07	1.09E-06	1.10E-06	1.0077E-04
606587.8	4201168.22	70824.64568	0.01766	0.01802	0.06028	0.06096	0.0959	0.09619	1.00E-04	1.06E-07	1.10E-07	5.89E-07	5.93E-07	3.36E-07	3.36E-07	1.0144E-04
606647.8	4201148.22	70694.72975	0.02053	0.02101	0.06619	0.06694	0.08711	0.08733	9.99E-05	1.24E-07	1.28E-07	6.46E-07	6.51E-07	3.05E-07	3.05E-07	1.0141E-04
606307.14	4201241.24	70669.71713	0.00992	0.01005	0.04025	0.04075	0.15568	0.15697	9.98E-05	5.97E-08	6.13E-08	3.93E-07	3.96E-07	5.45E-07	5.49E-07	1.0074E-04
606147.14	4201301.24	70553.64922	0.00818	0.00826	0.03524	0.03567	0.24312	0.2449	9.97E-05	4.93E-08	5.04E-08	3.44E-07	3.47E-07	8.51E-07	8.56E-07	1.0045E-04
606385.06	4201227.99	70492.62266	0.0115	0.01166	0.04531	0.04583	0.13672	0.13751								
606527.8	4201188.22	70486.67085	0.01542	0.01569	0.0553	0.05592	0.10621	0.10658	9.96E-05	9.28E-08	9.57E-08	5.40E-07	5.44E-07	3.72E-07	3.72E-07	1.0084E-04
606187.14	4201281.24	70395.17174	0.00838	0.00847	0.03558	0.03602	0.21093	0.21278	9.94E-05	5.05E-08	5.17E-08	3.47E-07	3.50E-07	7.39E-07	7.44E-07	1.0024E-04
606087.14	4201321.24	70384.31054	0.00756	0.00763	0.03335	0.03373	0.29758	0.29955	9.94E-05	4.55E-08	4.65E-08	3.26E-07	3.28E-07	1.04E-06	1.05E-06	1.0017E-04
606443.8	4201212.57	70354.74825	0.01306	0.01325	0.0495	0.05004	0.12281	0.12338								
606461.88	4201207.93	70296.71497	0.0135	0.01371	0.05064	0.0512	0.11909	0.1196								
606247.14	4201261.24	70228.19705	0.00904	0.00915	0.0376	0.03808	0.17981	0.18132	9.92E-05	5.44E-08	5.58E-08	3.67E-07	3.70E-07	6.30E-07	6.34E-07	1.0005E-04
606767.8	4201088.22	70182.24719	0.03139	0.03261	0.08032	0.08082	0.07013	0.07037	9.91E-05	1.89E-07	1.99E-07	7.84E-07	7.86E-07	2.46E-07	2.46E-07	1.0110E-04
606947.8	4200868.22	69706.90848	0.13646	0.1362	0.06338	0.06002	0.04095	0.0414	9.85E-05	8.22E-07	8.31E-07	6.19E-07	5.84E-07	1.43E-07	1.45E-07	1.0132E-04
606607.8	4201168.22	69575.7711	0.01828	0.01865	0.06221	0.06294	0.09423	0.09444	9.83E-05	1.10E-07	1.14E-07	6.08E-07	6.12E-07	3.30E-07	3.30E-07	9.9724E-05
606405.06	4201227.99	69504.84818	0.01201	0.01218	0.04704	0.04758	0.13366	0.13428								
606107.14	4201321.24	69464.44407	0.00782	0.00789	0.0343	0.03468	0.28494	0.28642	9.81E-05	4.71E-08	4.81E-08	3.35E-07	3.37E-07	9.98E-07	1.00E-06	9.8891E-05
606707.8	4201128.22	69415.3701	0.02433	0.02501	0.07323	0.07399	0.07953	0.07972	9.81E-05	1.47E-07	1.53E-07	7.15E-07	7.20E-07	2.78E-07	2.79E-07	9.9788E-05
606547.8	4201188.22	69379.76204	0.0159	0.01618	0.0569	0.05755	0.10425	0.10453	9.80E-05	9.57E-08	9.87E-08	5.56E-07	5.60E-07	3.65E-07	3.65E-07	9.9314E-05
606481.88	4201207.93	69284.85951	0.0139	0.01412	0.05201	0.0526	0.11674	0.11716								
606667.8	4201148.22	69138.70221	0.02134	0.02185	0.06854	0.06934	0.08566	0.08583	9.77E-05	1.28E-07	1.33E-07	6.69E-07	6.74E-07	3.00E-07	3.00E-07	9.9269E-05
606967.8	4200828.22	69128.02533	0.15835	0.1555	0.05344	0.05035	0.03745	0.03792	9.76E-05	9.53E-07	9.49E-07	5.22E-07	4.90E-07	1.31E-07	1.33E-07	1.0056E-04
606267.14	4201261.24	69126.04812	0.00922	0.00933	0.03839	0.03888	0.17542	0.17666	9.76E-05	5.55E-08	5.69E-08	3.75E-07	3.78E-07	6.14E-07	6.17E-07	9.8511E-05
606167.14	4201301.24	69077.87631	0.00826	0.00834	0.03571	0.03615	0.23577	0.23709	9.76E-05	4.97E-08	5.09E-08	3.49E-07	3.52E-07	8.26E-07	8.29E-07	9.8379E-05
606207.14	4201281.24	69066.38505	0.00849	0.00858	0.03612	0.03657	0.2052	0.20666	9.76E-05	5.11E-08	5.23E-08	3.53E-07	3.56E-07	7.18E-07	7.22E-07	9.8373E-05
606747.8	4201108.22	68928.4481	0.02807	0.02901	0.0782	0.07887	0.07406	0.07425	9.74E-05	1.69E-07	1.77E-07	7.64E-07	7.67E-07	2.59E-07	2.59E-07	9.9243E-05
606827.8	4201048.22	68685.31296	0.04314	0.04534	0.08733	0.08725	0.06229	0.06256	9.70E-05	2.60E-07	2.77E-07	8.53E-07	8.49E-07	2.18E-07	2.19E-07	9.9261E-05
606847.8	4201028.22	68671.21916	0.05027	0.05298	0.08855	0.08784	0.05919	0.05948	9.70E-05	3.03E-07	3.23E-07	8.65E-07	8.54E-07	2.07E-07	2.08E-07	9.9348E-05
606007.14	4201341.24	68544.19553	0.00647	0.00653	0.0295	0.02986	0.40487	0.40712	9.68E-05	3.90E-08	3.98E-08	2.88E-07	2.90E-07	1.42E-06	1.42E-06	9.7481E-05
606325.06	4201247.99	68520.20963	0.00999	0.01012	0.04095	0.04146	0.15617	0.15712								
606807.8	4201068.22	68315.09114	0.03752	0.03924	0.08563	0.08589	0.06561	0.06584	9.65E-05	2.26E-07	2.39E-07	8.36E-07	8.35E-07	2.30E-07	2.30E-07	9.8637E-05
606127.14	4201321.24	68306.60766	0.00799	0.00807	0.03501	0.03541	0.27405	0.27504	9.65E-05	4.81E-08	4.92E-08	3.42E-07	3.44E-07	9.60E-07	9.61E-07	9.7272E-05
606027.14	4201341.24	68297.79433	0.00671	0.00678	0.03056	0.03093	0.38326	0.38475	9.65E-05	4.04E-08	4.14E-08	2.98E-07	3.01E-07	1.34E-06	1.34E-06	9.7157E-05
606627.8	4201168.22	68279.1385	0.01892	0.01932	0.06425	0.06502	0.09256	0.09271	9.64E-05	1.14E-07	1.18E-07	6.27E-07	6.32E-07	3.24E-07	3.24E-07	9.7941E-05
606501.88	4201207.93	68267.59365	0.01432	0.01455	0.05347	0.05408	0.11444	0.11472								
606567.8	4201188.22	68262.26623	0.01642	0.01672	0.05862	0.05931	0.10231	0.10251	9.64E-05	9.89E-08	1.02E-07	5.72E-07	5.77E-07	3.58E-07	3.58E-07	9.7776E-05
606867.8	4201008.22	68259.25552	0.05931	0.06201	0.08794	0.08697	0.05628	0.0566	9.64E-05	3.57E-07	3.78E-07	8.59E-07	8.46E-07	1.97E-07	1.98E-07	9.8861E-05
606047.14	4201341.24	68131.3916	0.00695	0.00701	0.03157	0.03194	0.36315	0.3641	9.62E-05	4.18E-08	4.28E-08	3.08E-07	3.11E-07	1.27E-06	1.27E-06	9.6944E-05
606287.14	4201261.24	68069.86335	0.0094	0.00951	0.03919	0.0397	0.1711	0.17211	9.62E-05	5.66E-08	5.80E-08	3.83E-07	3.86E-07	5.99E-07	6.01E-07	9.7037E-05
605987.14	4201341.24	68042.17082	0.00616	0.00622	0.02813	0.02847	0.43103	0.43529	9.61E-05	3.71E-08	3.79E-08	2.75E-07	2.77E-07	1.51E-06	1.52E-06	9.6741E-05
605779.97	4201380.44	67981.2828	0.00492	0.00496	0.02293	0.02325	1.15057	1.40012								
606227.14	4201281.24	67902.13023	0.00863	0.00873	0.03679	0.03726	0.1995	0.20065	9.59E-05	5.20E-08	5.33E-08	3.59E-07	3.62E-07	6.99E-07	7.01E-07	9.6744E-05
606423.8	4201232.57	67810.96242	0.01229	0.01246	0.04831	0.04886	0.13264	0.13307								
606187.14	4201301.24	67671.50186	0.00834	0.00843	0.03619	0.03664	0.22856	0.22952	9.56E-05	5.02E-08	5.14E-08	3.53E-07	3.56E-07	8.00E-07	8.02E-07	9.6402E-05
606345.06	4201247.99	67644.45868	0.01023	0.01037	0.04196	0.04248	0.15254	0.1533								
606787.8	4201088.22	67613.89533	0.03305	0.03437	0.08358	0.0841	0.06916	0.06935	9.55E-05	1.99E-07	2.10E-07	8.16E-07	8.18E-07	2.42E-07	2.42E-07	9.7552E-05
606967.8	4200848.22	67542.69697	0.15423	0.1523	0.05861	0.05523	0.03911	0.03955	9.54E-05	9.29E-07	9.29E-07	5.72E-07	5.37E-07	1.37E-07	1.38E-07	9.8376E-05
606687.8	4201148.22	67504.98804	0.02222	0.02277	0.07108	0.07191	0.08421	0.08432	9.54E-05	1.34E-07	1.39E-07	6.94E-07	6.99E-07	2.95E-07	2.95E-07	9.7022E-05
606887.8	4200988.22	67495.34817	0.07006	0.07319	0.08759	0.08606	0.05356	0.05389	9.53E-05	4.22E-07	4.46E-07	8.55E-07	8.37E-07	1.88E-07	1.88E-07	9.7903E-05
606727.8	4201128.22	67445.6692	0.0254	0.02613	0.07602	0.07681	0.07827	0.0784	9.53E-05	1.53E-07	1.59E-07	7.42E-07	7.47E-07	2.74E-07	2.74E-07	9.7074E-05
606067.14	4201341.24	67379.22969	0.00714	0.00721	0.03238	0.03277	0.34526	0.3457	9.52E-05	4.30E-08	4.40E-08	3.16E-07	3.19E-07	1.21E-06	1.21E-06	9.5900E-05
606147.14	4201321.24	67209.32242	0.0081	0.00818	0.03559	0.036	0.26427	0.26489	9.49E-05	4.88E-08	4.99E-08	3.48E-07	3.50E-07	9.25E-07	9.26E-07	9.5734E-05
606587.8	4201188.22	67116.5484	0.01697	0.01729	0.06045	0.06118	0.10038	0.1005	9.48E-05	1.02E-07	1.05E-07	5.90E-07	5.95E-07	3.51E-07	3.51E-07	9.6200E-05
606307.14	4201261.24	67052.49261	0.00958	0.0097	0.04001	0.04053	0.16687	0.16766	9.47E-05	5.77E-08	5.92E-08	3.91E-07	3.94E-07	5.84E-07	5.86E-07	9.5618E-05
606647.8	4201168.22	66931.75318	0.01965	0.02006	0.06649	0.06731	0.0909	0.09099	9.45E-05	1.18E-07	1.22E-07	6.49E-07	6.55E-07	3.18E-07	3.18E-07	9.6091E-05
606527.8	4201208.22	66899.30271	0.01487	0.01511	0.05541	0.05606	0.11155	0.11171	9.45E-05	8.95E-08	9.22E-08	5.41E-07	5.45E-07	3.91E-07	3.90E-07	9.5768E-05
606443.8	4201232.57	66874.98239	0.01264	0.01282	0.04958	0.05015	0.12973	0.13001								
605947.14	4201341.24	66869.66523	0.00562	0.00567	0.02574	0.02605	0.47717	0.48608	9.45E-05	3.38E-08	3.46E-08	2.51E-07	2.53E-07	1.67E-06	1.70E-06	9.5031E-05
606087.14	4201341.24	66822.88391	0.00736	0.00744	0.03332	0.03371	0.32832	0.32835	9.44E-05	4.43E-08	4.54E-08	3.25E-07	3.28E-07	1.15E-06	1.15E-06	9.5135E-05
606365.06	4201247.99	66819.46263	0.0105	0.01063	0.04303	0.04355	0.14898	0.14955								
605967.14	4201341.24	66814.78377	0.00581	0.00586	0.02659	0.02691	0.45684	0.46242	9.44E-05	3.50E-08	3.57E-08	2.60E-07	2.62E-07	1.60E-06	1.62E-06	9.4973E-05
606461.88	4201227.93	66801.89549	0.01306	0.01325	0.05074	0.05133	0.12561	0.12586								
606767.8	4201108.22	66633.59498	0.0295	0.03052	0.08137	0.08207	0.07295	0.07309	9.41E-05	1.78E-07	1.86E-07	7.95E-07	7.98E-07	2.55E-07	2.55E-07	9.6082E-05
606247.14	4201281.24	66505.11661	0.00879	0.00889	0.03751	0.038	0.19393	0.19481	9.39E-05	5.29E-08	5.42E-08	3.66E-07	3.70E-07	6.79E-07	6.81E-07	9.4786E-05
605759.97	4201400.44	66499.37804	0.00493	0.00497	0.02328	0.02363	3.09453	3.48775								
606907.8	4200968.22	66446.89112	0.08304	0.08624	0.08637	0.08421	0.05101	0.05136	9.39E-05	5.00E-07	5.26E-07	8.43E-07	8.19E-07	1.79E-07	1.79E-07	9.6550E-05
606207.14	4201301.24	66341.59417	0.00843	0.00852	0.03668	0.03715	0.22151	0.2222	9.37E-05	5.08E-08	5.20E-08	3.58E-07	3.61E-07	7.76E-07	7.77E-07	9.4535E-05
606167.14	4201321.24	66140.86959	0.00823	0.00831	0.03623	0.03665	0.25485	0.25515	9.34E-05	4.96E-08	5.07E-08	3.54E-07	3.56E-07	8.92E-07	8.92E-07	9.4239E-05
606107.14	4201341.24	66112.76963	0.00763	0.0077	0.03433	0.0347	0.31228	0.31208	9.34E-05	4.59E-08	4.70E-08	3.35E-07	3.37E-07	1.09E-06	1.09E-06	9.4155E-05
606607.8	4201188.22	65961.72555	0.01755	0.01788	0.06238	0.06315	0.09845	0.09851	9.32E-05	1.06E-07	1.09E-07	6.09E-07	6.14E-07	3.45E-07	3.44E-07	9.4614E-05
606384.38	4201249.47	65885.26561	0.01077	0.01092	0.04421	0.04475	0.14618	0.1466								
606547.8	4201208.22	65863.11821	0.01534	0.01559	0.05704	0.05772	0.10927	0.10935	9.30E-05	9.24E-08	9.51E-08	5.57E-07	5.61E-07	3.83E-07	3.82E-07	9.4342E-05
606481.88	4201227.93	65858.63913	0.01344	0.01363	0.05209	0.05271	0.12287	0.12302								
606707.8	4201148.22	65800.46553	0.02317	0.02375	0.07378	0.07465	0.08278	0.08284	9.29E-05	1.40E-07	1.45E-07	7.21E-07	7.26E-07	2.90E-07	2.89E-07	9.4679E-05
606404.38	4201249.47	65780.74707	0.01133	0.01148	0.04622	0.04678	0.14248	0.14277								
606847.8	4201048.22	65698.03802	0.04605	0.04846	0.09104	0.09061	0.06153	0.06175	9.28E-05	2.77E-07	2.96E-07	8.89E-07	8.81E-07	2.15E-07	2.16E-07	9.5147E-05
606827.8	4201068.22	65551.8622	0.03981	0.04169	0.08929	0.08955	0.06474	0.06493	9.26E-05	2.40E-07	2.54E-07	8.72E-07	8.71E-07	2.27E-07	2.27E-07	9.4834E-05
606667.8	4201168.22	65521.26691	0.02043	0.02087	0.06889	0.06976	0.08925	0.08928	9.26E-05	1.23E-07	1.27E-07	6.73E-07	6.78E-07	3.12E-07	3.12E-07	9.4155E-05
606867.8	4201028.22	65501.60659	0.05422	0.05681	0.09117	0.0906	0.05852	0.05877	9.25E-05	3.26E-07	3.47E-07	8.90E-07	8.81E-07	2.05E-07	2.05E-07	9.4970E-05
606267.14	4201281.24	65470.70634	0.00895	0.00906	0.03829	0.0388	0.1885	0.18915	9.25E-05	5.39E-08	5.53E-08	3.74E-07	3.77E-07	6.60E-07	6.61E-07	9.3343E-05
606747.8	4201128.22	65432.40442	0.02659	0.02737	0.07903	0.07985	0.077	0.07708	9.24E-05	1.60E-07	1.67E-07	7.72E-07	7.77E-07	2.70E-07	2.69E-07	9.4304E-05
606987.8	4200828.22	65328.63306	0.1721	0.16843	0.05365	0.05042	0.03738	0.03781	9.23E-05	1.04E-06	1.03E-06	5.24E-07	4.90E-07	1.31E-07	1.32E-07	9.5360E-05
606927.8	4200948.22	65202.68078	0.09806	0.10117	0.08425	0.08145	0.04862	0.04898	9.21E-05	5.90E-07	6.17E-07	8.23E-07	7.92E-07	1.70E-07	1.71E-07	9.4926E-05
606227.14	4201301.24	65129.18687	0.00854	0.00863	0.03725	0.03773	0.21465	0.21505	9.20E-05	5.14E-08	5.26E-08	3.64E-07	3.67E-07	7.52E-07	7.52E-07	9.2835E-05
606187.14	4201321.24	65105.41797	0.00833	0.00841	0.0368	0.03727	0.24604	0.24603	9.20E-05	5.02E-08	5.13E-08	3.59E-07	3.62E-07	8.61E-07	8.60E-07	9.2790E-05
606807.8	4201088.22	65088.90431	0.0349	0.03634	0.08711	0.08764	0.06817	0.06832	9.19E-05	2.10E-07	2.22E-07	8.51E-07	8.52E-07	2.39E-07	2.39E-07	9.4078E-05
606127.14	4201341.24	65030.77065	0.00785	0.00792	0.03514	0.03555	0.29812	0.29767	9.19E-05	4.73E-08	4.83E-08	3.43E-07	3.46E-07	1.04E-06	1.04E-06	9.2645E-05
606887.8	4201008.22	64964.96612	0.06411	0.06726	0.09157	0.09044	0.0557	0.05598	9.18E-05	3.86E-07	4.10E-07	8.94E-07	8.80E-07	1.95E-07	1.96E-07	9.4338E-05
606501.88	4201227.93	64912.0011	0.01384	0.01404	0.05353	0.05417	0.12018	0.12025								
606567.8	4201208.22	64822.58384	0.01583	0.01609	0.05874	0.05947	0.10703	0.10703	9.16E-05	9.53E-08	9.81E-08	5.74E-07	5.78E-07	3.75E-07	3.74E-07	9.2912E-05
606627.8	4201188.22	64763.83955	0.01817	0.01852	0.06445	0.06527	0.09656	0.09654	9.15E-05	1.09E-07	1.13E-07	6.29E-07	6.35E-07	3.38E-07	3.37E-07	9.2970E-05
606325.06	4201267.99	64761.85918	0.00965	0.00977	0.04073	0.04126	0.16669	0.16716								
606007.14	4201361.24	64760.59212	0.00627	0.00634	0.02929	0.02966	0.45766	0.45637	9.15E-05	3.78E-08	3.87E-08	2.86E-07	2.88E-07	1.60E-06	1.59E-06	9.2130E-05
605987.14	4201361.24	64547.46754	0.00601	0.00607	0.0281	0.02846	0.49261	0.49148	9.12E-05	3.62E-08	3.70E-08	2.74E-07	2.77E-07	1.72E-06	1.72E-06	9.1802E-05
606287.14	4201281.24	64477.65381	0.00913	0.00923	0.0391	0.03961	0.18323	0.18368	9.11E-05	5.50E-08	5.63E-08	3.82E-07	3.85E-07	6.42E-07	6.42E-07	9.1958E-05
606027.14	4201361.24	64400.90859	0.00648	0.00654	0.03023	0.0306	0.42981	0.42765	9.10E-05	3.90E-08	3.99E-08	2.95E-07	2.98E-07	1.50E-06	1.49E-06	9.1643E-05
606423.11	4201254.06	64368.56675	0.01182	0.01198	0.04818	0.04877	0.14075	0.14082								
606787.8	4201108.22	64355.71726	0.03101	0.0321	0.08472	0.08545	0.07183	0.07193	9.09E-05	1.87E-07	1.96E-07	8.27E-07	8.31E-07	2.51E-07	2.51E-07	9.2948E-05
606047.14	4201361.24	64207.57072	0.00673	0.00679	0.03133	0.03172	0.40374	0.40163	9.07E-05	4.05E-08	4.14E-08	3.06E-07	3.09E-07	1.41E-06	1.40E-06	9.1394E-05
606907.8	4200988.22	64138.56937	0.07615	0.07957	0.09108	0.08929	0.05305	0.05335	9.06E-05	4.59E-07	4.85E-07	8.89E-07	8.68E-07	1.86E-07	1.86E-07	9.3302E-05
606687.8	4201168.22	64053.32769	0.02125	0.02171	0.07144	0.07236	0.08761	0.08759	9.05E-05	1.28E-07	1.32E-07	6.98E-07	7.04E-07	3.07E-07	3.06E-07	9.2142E-05
606727.8	4201148.22	64039.72828	0.02422	0.02483	0.07668	0.07758	0.08134	0.08135	9.05E-05	1.46E-07	1.51E-07	7.49E-07	7.55E-07	2.85E-07	2.84E-07	9.2262E-05
606247.14	4201301.24	64021.96559	0.00867	0.00877	0.03789	0.0384	0.20797	0.20815	9.04E-05	5.22E-08	5.35E-08	3.70E-07	3.73E-07	7.28E-07	7.27E-07	9.1285E-05
606147.14	4201341.24	63995.25345	0.00802	0.0081	0.03589	0.03631	0.28552	0.28481	9.04E-05	4.83E-08	4.94E-08	3.50E-07	3.53E-07	1.00E-06	9.95E-07	9.1199E-05
606207.14	4201321.24	63989.80117	0.00842	0.00851	0.03735	0.03783	0.23761	0.23741	9.04E-05	5.07E-08	5.19E-08	3.65E-07	3.68E-07	8.32E-07	8.30E-07	9.1226E-05
606067.14	4201361.24	63985.65466	0.00695	0.00702	0.03231	0.03271	0.38052	0.37836	9.04E-05	4.18E-08	4.28E-08	3.16E-07	3.18E-07	1.33E-06	1.32E-06	9.1103E-05
606987.8	4200848.22	63902.86705	0.16822	0.16553	0.05905	0.05548	0.03899	0.0394	9.03E-05	1.01E-06	1.01E-06	5.77E-07	5.40E-07	1.37E-07	1.38E-07	9.3406E-05
605967.14	4201361.24	63874.12868	0.00573	0.00579	0.02682	0.02715	0.53033	0.52933	9.02E-05	3.45E-08	3.53E-08	2.62E-07	2.64E-07	1.86E-06	1.85E-06	9.0823E-05
606345.06	4201267.99	63843.50935	0.00985	0.00997	0.04159	0.04213	0.16237	0.16268								
606587.8	4201208.22	63757.4179	0.01635	0.01663	0.06057	0.06133	0.10482	0.10476	9.01E-05	9.84E-08	1.01E-07	5.92E-07	5.96E-07	3.67E-07	3.66E-07	9.1450E-05
606527.8	4201228.22	63630.31668	0.01437	0.01459	0.0555	0.05618	0.11686	0.11679	8.99E-05	8.65E-08	8.90E-08	5.42E-07	5.46E-07	4.09E-07	4.08E-07	9.1146E-05
606461.88	4201247.93	63603.6984	0.01265	0.01282	0.0508	0.05141	0.13213	0.13209								
606647.8	4201188.22	63529.95045	0.01886	0.01922	0.06671	0.06758	0.09468	0.0946	8.97E-05	1.14E-07	1.17E-07	6.51E-07	6.57E-07	3.32E-07	3.31E-07	9.1280E-05
606307.14	4201281.24	63529.08845	0.0093	0.00942	0.03992	0.04046	0.17811	0.17839	8.97E-05	5.60E-08	5.75E-08	3.90E-07	3.94E-07	6.24E-07	6.23E-07	9.0636E-05
606443.11	4201254.06	63486.9285	0.01221	0.01237	0.04959	0.05019	0.13727	0.13723								
606767.8	4201128.22	63391.98978	0.0279	0.02874	0.08227	0.08312	0.07574	0.07577	8.95E-05	1.68E-07	1.75E-07	8.03E-07	8.08E-07	2.65E-07	2.65E-07	9.1501E-05
606087.14	4201361.24	63311.49728	0.00714	0.00721	0.03313	0.03353	0.36007	0.35788	8.94E-05	4.30E-08	4.40E-08	3.24E-07	3.26E-07	1.26E-06	1.25E-06	9.0169E-05
605779.97	4201400.44	63103.64544	0.00477	0.00481	0.02269	0.02302	2.16576	2.29687								
606927.8	4200968.22	63090.16359	0.09047	0.09403	0.0897	0.08723	0.05057	0.05088	8.91E-05	5.45E-07	5.74E-07	8.76E-07	8.48E-07	1.77E-07	1.78E-07	9.1962E-05
606267.14	4201301.24	63018.63948	0.00882	0.00892	0.03864	0.03916	0.20146	0.20149	8.90E-05	5.31E-08	5.44E-08	3.77E-07	3.81E-07	7.05E-07	7.04E-07	8.9884E-05
606167.14	4201341.24	63009.15067	0.00817	0.00825	0.03658	0.03703	0.27402	0.27312	8.90E-05	4.92E-08	5.03E-08	3.57E-07	3.60E-07	9.59E-07	9.54E-07	8.9822E-05
606107.14	4201361.24	62992.06197	0.0074	0.00748	0.0342	0.03462	0.34046	0.33831	8.90E-05	4.46E-08	4.56E-08	3.34E-07	3.37E-07	1.19E-06	1.18E-06	8.9742E-05
606365.06	4201267.99	62983.39726	0.01005	0.01018	0.0425	0.04305	0.15815	0.15831								
606847.8	4201068.22	62894.41939	0.04232	0.04438	0.09324	0.09333	0.06387	0.06402	8.88E-05	2.55E-07	2.71E-07	9.11E-07	9.08E-07	2.24E-07	2.24E-07	9.1187E-05
606867.8	4201048.22	62862.98743	0.04972	0.05201	0.09403	0.09386	0.06076	0.06094	8.88E-05	2.99E-07	3.17E-07	9.18E-07	9.13E-07	2.13E-07	2.13E-07	9.1246E-05
606227.14	4201321.24	62791.83114	0.00852	0.00861	0.03792	0.03842	0.22952	0.22911	8.87E-05	5.13E-08	5.25E-08	3.70E-07	3.74E-07	8.04E-07	8.01E-07	8.9546E-05
606481.88	4201247.93	62723.37362	0.01301	0.01319	0.05214	0.05278	0.12898	0.12886								
606607.8	4201208.22	62682.8944	0.01691	0.0172	0.06251	0.06332	0.10265	0.10252	8.85E-05	1.02E-07	1.05E-07	6.10E-07	6.16E-07	3.59E-07	3.58E-07	8.9977E-05
606547.8	4201228.22	62663.3302	0.01482	0.01505	0.05712	0.05784	0.11426	0.11412	8.85E-05	8.92E-08	9.18E-08	5.58E-07	5.63E-07	4.00E-07	3.99E-07	8.9818E-05
606827.8	4201088.22	62628.94569	0.03694	0.0385	0.09092	0.09148	0.06718	0.06729	8.85E-05	2.22E-07	2.35E-07	8.88E-07	8.90E-07	2.35E-07	2.35E-07	9.0703E-05
606887.8	4201028.22	62523.64759	0.05857	0.06157	0.09517	0.09448	0.05784	0.05806	8.83E-05	3.53E-07	3.76E-07	9.29E-07	9.19E-07	2.03E-07	2.03E-07	9.0896E-05
606707.8	4201168.22	62516.37646	0.02217	0.02266	0.07423	0.07519	0.08599	0.08592	8.83E-05	1.33E-07	1.38E-07	7.25E-07	7.31E-07	3.01E-07	3.00E-07	9.0037E-05
606667.8	4201188.22	62246.32126	0.0196	0.01998	0.06913	0.07006	0.09282	0.09268	8.79E-05	1.18E-07	1.22E-07	6.75E-07	6.81E-07	3.25E-07	3.24E-07	8.9524E-05
606747.8	4201148.22	62242.73061	0.02531	0.02597	0.07973	0.08068	0.07991	0.07987	8.79E-05	1.52E-07	1.58E-07	7.79E-07	7.85E-07	2.80E-07	2.79E-07	8.9797E-05
606807.8	4201108.22	62107.14064	0.03267	0.03385	0.08834	0.08911	0.07072	0.07077	8.77E-05	1.97E-07	2.06E-07	8.63E-07	8.67E-07	2.48E-07	2.47E-07	8.9863E-05
606187.14	4201341.24	62064.34058	0.00829	0.00838	0.03724	0.03771	0.26338	0.26235	8.77E-05	4.99E-08	5.11E-08	3.64E-07	3.67E-07	9.22E-07	9.17E-07	8.8502E-05
606287.14	4201301.24	62053.02338	0.00897	0.00908	0.0394	0.03994	0.19523	0.19511	8.77E-05	5.40E-08	5.54E-08	3.85E-07	3.88E-07	6.84E-07	6.82E-07	8.8537E-05
606127.14	4201361.24	61988.06127	0.00769	0.00776	0.03522	0.03563	0.32245	0.32037	8.76E-05	4.63E-08	4.73E-08	3.44E-07	3.47E-07	1.13E-06	1.12E-06	8.8347E-05
606384.38	4201269.47	61947.26481	0.01024	0.01037	0.0434	0.04395	0.1548	0.15482								
606907.8	4201008.22	61899.52834	0.06953	0.07299	0.09548	0.09413	0.0551	0.05535	8.74E-05	4.19E-07	4.45E-07	9.32E-07	9.15E-07	1.93E-07	1.93E-07	9.0149E-05
606947.8	4200948.22	61897.40284	0.10739	0.1106	0.08726	0.08408	0.04824	0.04857	8.74E-05	6.47E-07	6.75E-07	8.52E-07	8.18E-07	1.69E-07	1.70E-07	9.0426E-05
606501.88	4201247.93	61837.92542	0.01339	0.01358	0.05358	0.05425	0.1259	0.12569								
606404.38	4201269.47	61785.36912	0.01063	0.01077	0.04498	0.04555	0.15066	0.15056								
606325.06	4201287.99	61777.86599	0.0094	0.00951	0.04075	0.04129	0.17719	0.17715								
606247.14	4201321.24	61700.01522	0.00864	0.00873	0.03856	0.03909	0.22169	0.22115	8.72E-05	5.20E-08	5.33E-08	3.77E-07	3.80E-07	7.76E-07	7.73E-07	8.8018E-05
606567.8	4201228.22	61688.25015	0.0153	0.01554	0.05885	0.05961	0.11171	0.1115	8.71E-05	9.21E-08	9.48E-08	5.75E-07	5.80E-07	3.91E-07	3.90E-07	8.8481E-05
606627.8	4201208.22	61572.81285	0.01751	0.01781	0.06461	0.06547	0.10051	0.10031	8.70E-05	1.05E-07	1.09E-07	6.31E-07	6.37E-07	3.52E-07	3.51E-07	8.8458E-05
606787.8	4201128.22	61359.74864	0.02927	0.03017	0.08569	0.08659	0.07448	0.07447	8.67E-05	1.76E-07	1.84E-07	8.37E-07	8.42E-07	2.61E-07	2.60E-07	8.8714E-05
606207.14	4201341.24	61153.30006	0.0084	0.00848	0.03787	0.03835	0.25349	0.25231	8.64E-05	5.06E-08	5.17E-08	3.70E-07	3.73E-07	8.88E-07	8.82E-07	8.7229E-05
606307.14	4201301.24	61129.44804	0.00914	0.00924	0.0402	0.04075	0.18924	0.18898	8.63E-05	5.50E-08	5.64E-08	3.93E-07	3.96E-07	6.63E-07	6.60E-07	8.7250E-05
606423.11	4201274.06	61117.76987	0.01114	0.01128	0.04715	0.04774	0.14843	0.14815								
606927.8	4200988.22	61040.22714	0.08284	0.08667	0.09491	0.09285	0.05253	0.0528	8.62E-05	4.99E-07	5.29E-07	9.27E-07	9.03E-07	1.84E-07	1.85E-07	8.9081E-05
606147.14	4201361.24	61001.98869	0.00792	0.00799	0.03609	0.03654	0.30693	0.30477	8.62E-05	4.77E-08	4.87E-08	3.52E-07	3.55E-07	1.07E-06	1.07E-06	8.6974E-05
606727.8	4201168.22	60933.55971	0.02318	0.0237	0.07721	0.07822	0.08437	0.08425	8.61E-05	1.40E-07	1.45E-07	7.54E-07	7.61E-07	2.95E-07	2.94E-07	8.7872E-05
606687.8	4201188.22	60908.58077	0.02042	0.02082	0.07177	0.07275	0.09096	0.09079	8.60E-05	1.23E-07	1.27E-07	7.01E-07	7.08E-07	3.18E-07	3.17E-07	8.7696E-05
606345.06	4201287.99	60906.18682	0.00958	0.0097	0.04161	0.04216	0.17211	0.17195								
605987.14	4201381.24	60876.95865	0.00582	0.00588	0.02785	0.02821	0.55611	0.54834	8.60E-05	3.50E-08	3.59E-08	2.72E-07	2.74E-07	1.95E-06	1.92E-06	8.6610E-05
606007.14	4201381.24	60852.91208	0.00603	0.00609	0.02883	0.02921	0.51385	0.50763	8.60E-05	3.63E-08	3.71E-08	2.82E-07	2.84E-07	1.80E-06	1.77E-06	8.6598E-05
605967.14	4201381.24	60803.33995	0.00562	0.00568	0.0269	0.02725	0.60404	0.59469	8.59E-05	3.38E-08	3.46E-08	2.63E-07	2.65E-07	2.11E-06	2.08E-06	8.6485E-05
606587.8	4201228.22	60698.33136	0.01579	0.01603	0.06064	0.06144	0.10922	0.10895	8.57E-05	9.51E-08	9.78E-08	5.92E-07	5.98E-07	3.82E-07	3.81E-07	8.7123E-05
606267.14	4201321.24	60676.53553	0.00877	0.00887	0.03925	0.03979	0.21421	0.21352	8.57E-05	5.28E-08	5.41E-08	3.83E-07	3.87E-07	7.50E-07	7.46E-07	8.6587E-05
606461.88	4201267.93	60661.7728	0.01226	0.01242	0.05082	0.05145	0.1386	0.13826								
606027.14	4201381.24	60641.448	0.00623	0.00629	0.02979	0.03017	0.47703	0.47123	8.57E-05	3.75E-08	3.84E-08	2.91E-07	2.93E-07	1.67E-06	1.65E-06	8.6321E-05
606527.8	4201248.22	60639.91143	0.01391	0.01411	0.05555	0.05626	0.12208	0.1218	8.57E-05	8.38E-08	8.61E-08	5.42E-07	5.47E-07	4.27E-07	4.26E-07	8.6918E-05
606967.8	4200928.22	60610.18407	0.12694	0.12938	0.08363	0.07977	0.04605	0.04639	8.56E-05	7.64E-07	7.89E-07	8.17E-07	7.76E-07	1.61E-07	1.62E-07	8.8762E-05
606443.11	4201274.06	60574.03792	0.01178	0.01193	0.04944	0.05007	0.14419	0.14383								
606047.14	4201381.24	60465.79222	0.00645	0.00652	0.03085	0.03124	0.44553	0.43988	8.54E-05	3.88E-08	3.98E-08	3.01E-07	3.04E-07	1.56E-06	1.54E-06	8.6096E-05
606647.8	4201208.22	60438.06775	0.01817	0.01848	0.06687	0.06779	0.09838	0.09815	8.54E-05	1.09E-07	1.13E-07	6.53E-07	6.59E-07	3.44E-07	3.43E-07	8.6908E-05
606767.8	4201148.22	60429.1919	0.02646	0.02716	0.08296	0.08395	0.0785	0.07842	8.54E-05	1.59E-07	1.66E-07	8.10E-07	8.16E-07	2.75E-07	2.74E-07	8.7312E-05
606867.8	4201068.22	60347.37803	0.04569	0.04749	0.09655	0.09675	0.06299	0.0631	8.52E-05	2.75E-07	2.90E-07	9.43E-07	9.41E-07	2.21E-07	2.21E-07	8.7694E-05
606067.14	4201381.24	60308.45011	0.0067	0.00677	0.03198	0.03238	0.41692	0.41186	8.52E-05	4.03E-08	4.13E-08	3.12E-07	3.15E-07	1.46E-06	1.44E-06	8.5899E-05
606227.14	4201341.24	60263.89374	0.0085	0.00859	0.0385	0.039	0.24411	0.24285	8.51E-05	5.12E-08	5.24E-08	3.76E-07	3.79E-07	8.55E-07	8.49E-07	8.5986E-05
606847.8	4201088.22	60251.82393	0.03915	0.04085	0.09502	0.09558	0.0662	0.06626	8.51E-05	2.36E-07	2.49E-07	9.28E-07	9.30E-07	2.32E-07	2.32E-07	8.7453E-05
606887.8	4201048.22	60172.06711	0.05359	0.0563	0.09835	0.09812	0.05998	0.06013	8.50E-05	3.23E-07	3.43E-07	9.60E-07	9.54E-07	2.10E-07	2.10E-07	8.7578E-05
606167.14	4201361.24	60095.80139	0.00806	0.00814	0.03679	0.03725	0.29344	0.29125	8.49E-05	4.85E-08	4.97E-08	3.59E-07	3.62E-07	1.03E-06	1.02E-06	8.5710E-05
606365.06	4201287.99	60091.07773	0.00978	0.00991	0.04252	0.04308	0.1672	0.16692								
606087.14	4201381.24	60063.52425	0.00691	0.00698	0.03292	0.03333	0.39186	0.38725	8.48E-05	4.16E-08	4.26E-08	3.21E-07	3.24E-07	1.37E-06	1.35E-06	8.5574E-05
606947.8	4200968.22	60012.05148	0.09896	0.10277	0.0933	0.09045	0.05012	0.0504	8.48E-05	5.96E-07	6.27E-07	9.11E-07	8.80E-07	1.75E-07	1.76E-07	8.7785E-05
606827.8	4201108.22	59904.30813	0.03451	0.03578	0.09227	0.09309	0.0696	0.06962	8.46E-05	2.08E-07	2.18E-07	9.01E-07	9.05E-07	2.44E-07	2.43E-07	8.6852E-05
606481.88	4201267.93	59838.81913	0.01261	0.01277	0.05216	0.05282	0.13503	0.13462								
606287.14	4201321.24	59737.21828	0.00892	0.00902	0.04002	0.04057	0.20702	0.20623	8.44E-05	5.37E-08	5.50E-08	3.91E-07	3.95E-07	7.25E-07	7.21E-07	8.5277E-05

606547.8	4201248.22	59733.99603	0.01435	0.01456	0.05719	0.05794	0.11918	0.11881	8.44E-05	8.64E-08	8.88E-08	5.58E-07	5.64E-07	4.17E-07	4.15E-07	8.5676E-05
606907.8	4201028.22	59730.69833	0.06336	0.06667	0.09948	0.09862	0.05716	0.05734	8.44E-05	3.82E-07	4.07E-07	9.71E-07	9.59E-07	2.00E-07	2.00E-07	8.7093E-05
606607.8	4201228.22	59694.56575	0.01634	0.01659	0.06262	0.06346	0.10677	0.10645	8.43E-05	9.84E-08	1.01E-07	6.12E-07	6.17E-07	3.74E-07	3.72E-07	8.5751E-05
606707.8	4201188.22	59521.86948	0.0213	0.02171	0.07458	0.07562	0.08915	0.08894	8.41E-05	1.28E-07	1.32E-07	7.28E-07	7.35E-07	3.12E-07	3.11E-07	8.5804E-05
606107.14	4201381.24	59508.11883	0.00711	0.00718	0.03379	0.03421	0.36963	0.36535	8.41E-05	4.28E-08	4.38E-08	3.30E-07	3.33E-07	1.29E-06	1.28E-06	8.4809E-05
606325.06	4201307.99	59495.85508	0.00924	0.00935	0.04106	0.04162	0.18754	0.18699								
606247.14	4201341.24	59394.32008	0.00861	0.0087	0.03915	0.03969	0.2352	0.23384	8.39E-05	5.18E-08	5.31E-08	3.82E-07	3.86E-07	8.24E-07	8.17E-07	8.4772E-05
606807.8	4201128.22	59347.87401	0.03076	0.03173	0.08937	0.09032	0.07323	0.07319	8.38E-05	1.85E-07	1.94E-07	8.73E-07	8.78E-07	2.56E-07	2.56E-07	8.5963E-05
606747.8	4201168.22	59320.84526	0.02421	0.02476	0.08032	0.08137	0.08277	0.08261	8.38E-05	1.46E-07	1.51E-07	7.84E-07	7.91E-07	2.90E-07	2.89E-07	8.5668E-05
606667.8	4201208.22	59257.08042	0.0189	0.01923	0.06936	0.07034	0.09631	0.09602	8.37E-05	1.14E-07	1.17E-07	6.77E-07	6.84E-07	3.37E-07	3.36E-07	8.5298E-05
606987.8	4200908.22	59254.59468	0.14892	0.14994	0.07875	0.07441	0.044	0.04433	8.37E-05	8.97E-07	9.15E-07	7.69E-07	7.24E-07	1.54E-07	1.55E-07	8.7006E-05
606187.14	4201361.24	59228.20343	0.00819	0.00827	0.03746	0.03795	0.281	0.27884	8.37E-05	4.93E-08	5.04E-08	3.66E-07	3.69E-07	9.84E-07	9.74E-07	8.4499E-05
606127.14	4201381.24	59188.2529	0.00739	0.00746	0.03494	0.03537	0.3485	0.34458	8.36E-05	4.45E-08	4.55E-08	3.41E-07	3.44E-07	1.22E-06	1.20E-06	8.4383E-05
606384.38	4201289.47	59140.59324	0.00997	0.0101	0.04345	0.04402	0.16322	0.16282								
606927.8	4201008.22	59047.76261	0.07547	0.07938	0.09979	0.09821	0.0545	0.05471	8.34E-05	4.54E-07	4.84E-07	9.75E-07	9.55E-07	1.91E-07	1.91E-07	8.6278E-05
606501.88	4201267.93	59010.43113	0.01298	0.01315	0.0536	0.05429	0.13155	0.13107								
606967.8	4200948.22	58876.06964	0.11808	0.12146	0.09045	0.0868	0.04785	0.04814	8.32E-05	7.11E-07	7.41E-07	8.83E-07	8.44E-07	1.68E-07	1.68E-07	8.6346E-05
606567.8	4201248.22	58820.23509	0.01483	0.01503	0.05894	0.05972	0.11632	0.11589	8.31E-05	8.93E-08	9.17E-08	5.76E-07	5.81E-07	4.07E-07	4.05E-07	8.4425E-05
606307.14	4201321.24	58807.42707	0.00906	0.00916	0.04077	0.04134	0.20015	0.19929	8.31E-05	5.46E-08	5.59E-08	3.98E-07	4.02E-07	7.01E-07	6.96E-07	8.3980E-05
606627.8	4201228.22	58664.37526	0.01692	0.01718	0.06472	0.06562	0.10438	0.10401	8.29E-05	1.02E-07	1.05E-07	6.32E-07	6.38E-07	3.65E-07	3.63E-07	8.4345E-05
606345.06	4201307.99	58655.29496	0.00941	0.00952	0.0419	0.04248	0.18171	0.18105								
606787.8	4201148.22	58601.37682	0.02776	0.02851	0.08647	0.08752	0.07709	0.07698	8.28E-05	1.67E-07	1.74E-07	8.44E-07	8.51E-07	2.70E-07	2.69E-07	8.4815E-05
606267.14	4201341.24	58543.90859	0.00873	0.00882	0.03985	0.04041	0.22665	0.22526	8.27E-05	5.26E-08	5.38E-08	3.89E-07	3.93E-07	7.94E-07	7.87E-07	8.3586E-05
606404.38	4201289.47	58440.04663	0.01021	0.01034	0.04451	0.0451	0.15856	0.15808								
606207.14	4201361.24	58385.90282	0.00831	0.00839	0.03815	0.03865	0.26943	0.26724	8.25E-05	5.00E-08	5.12E-08	3.73E-07	3.76E-07	9.43E-07	9.34E-07	8.3324E-05
606147.14	4201381.24	58279.37273	0.00769	0.00776	0.03599	0.03644	0.32935	0.3257	8.23E-05	4.63E-08	4.73E-08	3.51E-07	3.54E-07	1.15E-06	1.14E-06	8.3123E-05
606947.8	4200988.22	58179.29787	0.09048	0.09466	0.09909	0.09669	0.052	0.05223	8.22E-05	5.45E-07	5.77E-07	9.68E-07	9.40E-07	1.82E-07	1.83E-07	8.5213E-05
606727.8	4201188.22	58095.85402	0.02224	0.02268	0.07759	0.07868	0.08735	0.08709	8.21E-05	1.34E-07	1.38E-07	7.58E-07	7.65E-07	3.06E-07	3.04E-07	8.3860E-05
606687.8	4201208.22	58040.95178	0.01967	0.02001	0.07198	0.07303	0.09425	0.09393	8.20E-05	1.18E-07	1.22E-07	7.03E-07	7.10E-07	3.30E-07	3.28E-07	8.3641E-05
606867.8	4201088.22	57957.37525	0.04216	0.04359	0.09895	0.09926	0.06521	0.06523	8.19E-05	2.54E-07	2.66E-07	9.66E-07	9.65E-07	2.28E-07	2.28E-07	8.4321E-05
606461.88	4201287.93	57946.70927	0.01187	0.01202	0.05073	0.05139	0.145	0.14434								
606887.8	4201068.22	57919.06442	0.04902	0.05137	0.10107	0.10128	0.06211	0.06219	8.18E-05	2.95E-07	3.13E-07	9.87E-07	9.85E-07	2.17E-07	2.17E-07	8.4396E-05
606587.8	4201248.22	57892.78291	0.01531	0.01553	0.06076	0.06159	0.11353	0.11305	8.18E-05	9.22E-08	9.47E-08	5.93E-07	5.99E-07	3.98E-07	3.95E-07	8.3157E-05
606527.8	4201268.22	57888.05394	0.0135	0.01367	0.0556	0.05633	0.12725	0.12671	8.18E-05	8.13E-08	8.34E-08	5.43E-07	5.48E-07	4.46E-07	4.43E-07	8.3027E-05
606365.06	4201307.99	57881.03366	0.00961	0.00972	0.04283	0.04342	0.17609	0.17535								
606423.11	4201294.06	57806.30372	0.01058	0.01071	0.04625	0.04686	0.1559	0.15526								
606847.8	4201108.22	57764.0914	0.03651	0.0379	0.09652	0.09737	0.06849	0.06847	8.16E-05	2.20E-07	2.31E-07	9.43E-07	9.47E-07	2.40E-07	2.39E-07	8.3937E-05
606443.11	4201294.06	57763.08854	0.01118	0.01131	0.04856	0.0492	0.15121	0.15052								
606767.8	4201168.22	57687.67802	0.02532	0.0259	0.08363	0.08473	0.0812	0.081	8.15E-05	1.52E-07	1.58E-07	8.17E-07	8.24E-07	2.84E-07	2.83E-07	8.3439E-05
606987.8	4200928.22	57669.71504	0.14022	0.1425	0.0862	0.08185	0.04571	0.04601	8.15E-05	8.44E-07	8.69E-07	8.42E-07	7.96E-07	1.60E-07	1.61E-07	8.4814E-05
606907.8	4201048.22	57633.23696	0.05766	0.06074	0.10302	0.10268	0.0592	0.05932	8.14E-05	3.47E-07	3.71E-07	1.01E-06	9.99E-07	2.07E-07	2.07E-07	8.4134E-05
606647.8	4201228.22	57612.07841	0.01757	0.01784	0.06702	0.06798	0.10203	0.10162	8.14E-05	1.06E-07	1.09E-07	6.54E-07	6.61E-07	3.57E-07	3.55E-07	8.2912E-05
606287.14	4201341.24	57594.73928	0.00886	0.00896	0.04059	0.04117	0.21853	0.21709	8.14E-05	5.33E-08	5.47E-08	3.96E-07	4.00E-07	7.65E-07	7.59E-07	8.2262E-05
606227.14	4201361.24	57567.96854	0.00844	0.00852	0.03886	0.03937	0.25861	0.25641	8.13E-05	5.08E-08	5.20E-08	3.79E-07	3.83E-07	9.05E-07	8.96E-07	8.2184E-05
606167.14	4201381.24	57396.84129	0.00791	0.00799	0.0369	0.03736	0.31292	0.30941	8.11E-05	4.76E-08	4.87E-08	3.60E-07	3.63E-07	1.10E-06	1.08E-06	8.1897E-05
605987.14	4201401.24	57396.28527	0.00563	0.00569	0.02757	0.02793	0.61826	0.60326	8.11E-05	3.39E-08	3.47E-08	2.69E-07	2.72E-07	2.16E-06	2.11E-06	8.1686E-05
606827.8	4201128.22	57367.46189	0.03242	0.03346	0.09337	0.0944	0.07199	0.07191	8.10E-05	1.95E-07	2.04E-07	9.12E-07	9.18E-07	2.52E-07	2.51E-07	8.3265E-05
606325.06	4201327.99	57284.97996	0.00917	0.00928	0.04167	0.04227	0.19763	0.19651								
606007.14	4201401.24	57238.60437	0.00579	0.00586	0.0284	0.02878	0.56859	0.55589	8.09E-05	3.49E-08	3.57E-08	2.77E-07	2.80E-07	1.99E-06	1.94E-06	8.1482E-05
606967.8	4200968.22	57183.9504	0.10873	0.11283	0.09716	0.09386	0.04965	0.0499	8.08E-05	6.55E-07	6.88E-07	9.49E-07	9.13E-07	1.74E-07	1.74E-07	8.3981E-05
606481.88	4201287.93	57171.56508	0.01224	0.01239	0.05218	0.05286	0.14096	0.14026								
606927.8	4201028.22	57111.98146	0.06858	0.07235	0.10423	0.10321	0.05647	0.05661	8.07E-05	4.13E-07	4.41E-07	1.02E-06	1.00E-06	1.98E-07	1.98E-07	8.3551E-05
606547.8	4201268.22	57040.30246	0.01393	0.01411	0.05724	0.05802	0.12399	0.12339	8.06E-05	8.39E-08	8.61E-08	5.59E-07	5.64E-07	4.34E-07	4.31E-07	8.1867E-05
606027.14	4201401.24	57027.53631	0.00597	0.00603	0.02927	0.02966	0.52522	0.51482								
606384.38	4201309.47	56985.5653	0.00979	0.00991	0.04379	0.04439	0.17148	0.17064								
606607.8	4201248.22	56959.06843	0.01583	0.01605	0.0627	0.06358	0.11082	0.1103	8.05E-05	9.53E-08	9.79E-08	6.12E-07	6.18E-07	3.88E-07	3.85E-07	8.1883E-05
606047.14	4201401.24	56790.98672	0.00616	0.00622	0.03019	0.03059	0.48698	0.47819								
606807.8	4201148.22	56787.75662	0.02915	0.02995	0.09023	0.09134	0.07571	0.07555	8.02E-05	1.76E-07	1.83E-07	8.81E-07	8.88E-07	2.65E-07	2.64E-07	8.2345E-05
606707.8	4201208.22	56787.57189	0.02048	0.02083	0.07478	0.07589	0.09225	0.09189	8.02E-05	1.23E-07	1.27E-07	7.30E-07	7.38E-07	3.23E-07	3.21E-07	8.1935E-05
606247.14	4201361.24	56772.82534	0.00856	0.00864	0.03958	0.04012	0.24842	0.24626	8.02E-05	5.15E-08	5.27E-08	3.87E-07	3.90E-07	8.70E-07	8.61E-07	8.1077E-05
606307.14	4201341.24	56697.31013	0.00901	0.00911	0.04137	0.04197	0.2108	0.2093	8.01E-05	5.43E-08	5.56E-08	4.04E-07	4.08E-07	7.38E-07	7.31E-07	8.1011E-05
606747.8	4201188.22	56638.04506	0.02323	0.02369	0.08077	0.08191	0.08558	0.08529	8.00E-05	1.40E-07	1.45E-07	7.89E-07	7.97E-07	3.00E-07	2.98E-07	8.1875E-05
606187.14	4201381.24	56577.31968	0.00807	0.00815	0.03765	0.03814	0.29846	0.29508	7.99E-05	4.86E-08	4.97E-08	3.68E-07	3.71E-07	1.04E-06	1.03E-06	8.0757E-05
606667.8	4201228.22	56527.79625	0.01826	0.01855	0.06949	0.07052	0.09973	0.09927	7.98E-05	1.10E-07	1.13E-07	6.79E-07	6.86E-07	3.49E-07	3.47E-07	8.1437E-05
606067.14	4201401.24	56511.2067	0.00635	0.00642	0.03114	0.03155	0.45433	0.44606								
606345.06	4201327.99	56459.01254	0.00933	0.00944	0.04251	0.04312	0.19106	0.1899								
607007.8	4200908.22	56415.86017	0.16468	0.1652	0.08051	0.07571	0.0437	0.04401	7.97E-05	9.92E-07	1.01E-06	7.86E-07	7.36E-07	1.53E-07	1.54E-07	8.3213E-05
606501.88	4201287.93	56397.55006	0.0126	0.01276	0.05361	0.05432	0.13709	0.13633								
606947.8	4201008.22	56395.91196	0.08224	0.08656	0.10451	0.10267	0.05389	0.05406	7.97E-05	4.95E-07	5.28E-07	1.02E-06	9.99E-07	1.89E-07	1.89E-07	8.2706E-05
606404.38	4201309.47	56303.34595	0.01003	0.01016	0.04487	0.04548	0.16622	0.16535								
606087.14	4201401.24	56208.7648	0.00656	0.00663	0.03212	0.03254	0.42521	0.41787								
606567.8	4201268.22	56185.07133	0.01439	0.01457	0.059	0.05981	0.12083	0.12017	7.94E-05	8.66E-08	8.89E-08	5.76E-07	5.82E-07	4.23E-07	4.20E-07	8.0699E-05
606987.8	4200948.22	56108.93689	0.13046	0.13388	0.09376	0.08957	0.04744	0.0477	7.93E-05	7.86E-07	8.17E-07	9.16E-07	8.71E-07	1.66E-07	1.67E-07	8.2647E-05
606787.8	4201168.22	56044.53034	0.02651	0.02713	0.08717	0.08833	0.07965	0.07942	7.92E-05	1.60E-07	1.65E-07	8.51E-07	8.59E-07	2.79E-07	2.78E-07	8.1203E-05
606267.14	4201361.24	55996.50386	0.00869	0.00878	0.04036	0.04092	0.23879	0.23661	7.91E-05	5.23E-08	5.36E-08	3.94E-07	3.98E-07	8.36E-07	8.27E-07	7.9997E-05
606627.8	4201248.22	55996.2203	0.01641	0.01664	0.06485	0.06579	0.10818	0.10761	7.91E-05	9.88E-08	1.02E-07	6.33E-07	6.40E-07	3.79E-07	3.76E-07	8.0572E-05
606107.14	4201401.24	55809.90428	0.00675	0.00682	0.03304	0.03347	0.39931	0.39271								
606207.14	4201381.24	55793.89343	0.00822	0.00829	0.03839	0.0389	0.2852	0.28192	7.88E-05	4.95E-08	5.06E-08	3.75E-07	3.78E-07	9.99E-07	9.85E-07	7.9666E-05
606887.8	4201088.22	55760.10873	0.04513	0.0471	0.10343	0.10403	0.06422	0.06422	7.88E-05	2.72E-07	2.87E-07	1.01E-06	1.01E-06	2.25E-07	2.24E-07	8.1346E-05
606365.06	4201327.99	55708.77288	0.00952	0.00963	0.04344	0.04406	0.18475	0.18355								
606867.8	4201108.22	55695.36813	0.03874	0.04025	0.10083	0.10156	0.06739	0.06734	7.87E-05	2.33E-07	2.46E-07	9.85E-07	9.88E-07	2.36E-07	2.35E-07	8.1125E-05
606907.8	4201068.22	55607.14551	0.05266	0.05531	0.10607	0.10626	0.06123	0.06128	7.85E-05	3.17E-07	3.37E-07	1.04E-06	1.03E-06	2.14E-07	2.14E-07	8.1273E-05
606127.14	4201401.24	55606.67018	0.00696	0.00703	0.034	0.03444	0.37597	0.37								
606967.8	4200988.22	55534.80035	0.09927	0.10386	0.10363	0.10083	0.05146	0.05166	7.84E-05	5.98E-07	6.34E-07	1.01E-06	9.81E-07	1.80E-07	1.81E-07	8.1671E-05
606727.8	4201208.22	55491.84912	0.02138	0.02175	0.07783	0.079	0.09027	0.08987	7.84E-05	1.29E-07	1.33E-07	7.60E-07	7.68E-07	3.16E-07	3.14E-07	8.0176E-05
606461.88	4201307.93	55436.20312	0.01141	0.01154	0.05029	0.05097	0.15137	0.15039								
606847.8	4201128.22	55429.34371	0.03429	0.03541	0.09777	0.09889	0.07075	0.07064	7.83E-05	2.06E-07	2.16E-07	9.55E-07	9.62E-07	2.48E-07	2.47E-07	8.0637E-05
606687.8	4201228.22	55415.99757	0.01898	0.01928	0.0721	0.0732	0.09747	0.09699	7.83E-05	1.14E-07	1.18E-07	7.04E-07	7.12E-07	3.41E-07	3.39E-07	7.9927E-05
606527.8	4201288.22	55346.23773	0.0131	0.01326	0.05561	0.05636	0.13232	0.1315	7.82E-05	7.89E-08	8.09E-08	5.43E-07	5.48E-07	4.63E-07	4.60E-07	7.9432E-05
606587.8	4201268.22	55315.89912	0.01487	0.01506	0.06085	0.0617	0.11775	0.11705	7.81E-05	8.95E-08	9.19E-08	5.94E-07	6.00E-07	4.12E-07	4.09E-07	7.9514E-05
606423.11	4201314.06	55282.42196	0.0103	0.01043	0.04627	0.0469	0.16307	0.16204								
606325.06	4201347.99	55268.44739	0.00913	0.00922	0.04231	0.04293	0.20745	0.20573								
606287.14	4201361.24	55245.89983	0.00882	0.00892	0.04113	0.04172	0.2297	0.22756	7.80E-05	5.31E-08	5.44E-08	4.02E-07	4.06E-07	8.04E-07	7.95E-07	7.8954E-05
606147.14	4201401.24	55243.18107	0.00719	0.00726	0.03504	0.0355	0.35467	0.34923								
606927.8	4201048.22	55232.51532	0.06228	0.06574	0.10815	0.10771	0.05842	0.0585	7.80E-05	3.75E-07	4.01E-07	1.06E-06	1.05E-06	2.05E-07	2.04E-07	8.0900E-05
606767.8	4201188.22	55161.39588	0.02429	0.02478	0.08415	0.08534	0.08384	0.08352	7.79E-05	1.46E-07	1.51E-07	8.22E-07	8.30E-07	2.94E-07	2.92E-07	7.9869E-05
607027.8	4200888.22	55112.02175	0.19098	0.18881	0.07377	0.06888	0.04181	0.04212	7.78E-05	1.15E-06	1.15E-06	7.20E-07	6.70E-07	1.46E-07	1.47E-07	8.1542E-05
606227.14	4201381.24	55045.76816	0.00833	0.00841	0.03908	0.03962	0.27303	0.26985	7.78E-05	5.02E-08	5.13E-08	3.82E-07	3.85E-07	9.56E-07	9.43E-07	7.8625E-05
606647.8	4201248.22	55021.18315	0.01703	0.01727	0.06714	0.06814	0.10558	0.10498	7.77E-05	1.03E-07	1.05E-07	6.56E-07	6.63E-07	3.70E-07	3.67E-07	7.9248E-05
606827.8	4201148.22	54996.68626	0.03069	0.03154	0.09432	0.09552	0.07433	0.07414	7.77E-05	1.85E-07	1.92E-07	9.21E-07	9.29E-07	2.60E-07	2.59E-07	7.9914E-05
607007.8	4200928.22	54984.67402	0.15533	0.15736	0.08871	0.08378	0.04535	0.04563	7.77E-05	9.35E-07	9.60E-07	8.66E-07	8.15E-07	1.59E-07	1.59E-07	8.1246E-05
606443.11	4201314.06	54972.814	0.01076	0.01089	0.04813	0.04879	0.15796	0.15691								
606167.14	4201401.24	54950.83548	0.00744	0.00752	0.03613	0.0366	0.33526	0.3303								
606384.38	4201329.47	54860.88333	0.00971	0.00983	0.04443	0.04506	0.17951	0.17823								
606481.88	4201307.93	54700.84926	0.01188	0.01202	0.05212	0.05283	0.1468	0.14578								
606947.8	4201028.22	54659.4974	0.0745	0.0787	0.10946	0.10824	0.05577	0.05588	7.72E-05	4.49E-07	4.80E-07	1.07E-06	1.05E-06	1.95E-07	1.95E-07	8.0261E-05
606987.8	4200968.22	54579.41729	0.12011	0.12447	0.10129	0.09744	0.04917	0.04939	7.71E-05	7.23E-07	7.59E-07	9.89E-07	9.48E-07	1.72E-07	1.73E-07	8.0517E-05
606547.8	4201288.22	54552.52443	0.01354	0.0137	0.0573	0.05809	0.1287	0.12786	7.71E-05	8.15E-08	8.36E-08	5.60E-07	5.65E-07	4.51E-07	4.47E-07	7.8349E-05
606307.14	4201361.24	54516.2139	0.00897	0.00906	0.04195	0.04257	0.2211	0.21898	7.70E-05	5.40E-08	5.53E-08	4.10E-07	4.14E-07	7.74E-07	7.65E-07	7.7941E-05
606345.06	4201347.99	54476.27711	0.00929	0.00939	0.04318	0.04382	0.20014	0.19841								
606607.8	4201268.22	54439.20148	0.01539	0.01559	0.06284	0.06374	0.11477	0.11404	7.69E-05	9.27E-08	9.51E-08	6.14E-07	6.20E-07	4.02E-07	3.99E-07	7.8321E-05
606807.8	4201168.22	54403.74655	0.02782	0.02847	0.091	0.09223	0.07812	0.07785	7.68E-05	1.68E-07	1.74E-07	8.89E-07	8.97E-07	2.74E-07	2.72E-07	7.8976E-05
606247.14	4201381.24	54312.22982	0.00846	0.00854	0.03983	0.04039	0.26155	0.25852	7.67E-05	5.09E-08	5.21E-08	3.89E-07	3.93E-07	9.16E-07	9.03E-07	7.7605E-05
606707.8	4201228.22	54271.74434	0.01975	0.02006	0.07491	0.07607	0.09528	0.09476	7.67E-05	1.19E-07	1.22E-07	7.32E-07	7.40E-07	3.34E-07	3.31E-07	7.8376E-05
606187.14	4201401.24	54221.78791	0.00767	0.00774	0.03709	0.03755	0.3179	0.31328								
606404.38	4201329.47	54192.57861	0.00994	0.01006	0.0455	0.04614	0.17366	0.17236								
606747.8	4201208.22	54172.99553	0.02232	0.02271	0.08104	0.08227	0.08833	0.0879	7.65E-05	1.34E-07	1.39E-07	7.91E-07	8.00E-07	3.09E-07	3.07E-07	7.8388E-05
606667.8	4201248.22	54025.33772	0.01767	0.01792	0.06955	0.07062	0.10307	0.10243	7.63E-05	1.06E-07	1.09E-07	6.79E-07	6.87E-07	3.61E-07	3.58E-07	7.7897E-05
606501.88	4201307.93	53974.50343	0.01225	0.01239	0.05361	0.05434	0.1425	0.14145								
606967.8	4201008.22	53929.08534	0.09001	0.09483	0.10971	0.10752	0.05327	0.05341	7.62E-05	5.42E-07	5.78E-07	1.07E-06	1.05E-06	1.87E-07	1.87E-07	7.9416E-05
607027.8	4200908.22	53814.73602	0.18295	0.18252	0.08213	0.07684	0.04339	0.04367	7.60E-05	1.10E-06	1.11E-06	8.02E-07	7.47E-07	1.52E-07	1.53E-07	7.9782E-05
607047.8	4200868.22	53764.24621	0.21797	0.21262	0.06661	0.06198	0.04002	0.04034	7.59E-05	1.31E-06	1.30E-06	6.50E-07	6.03E-07	1.40E-07	1.41E-07	7.9809E-05
606567.8	4201288.22	53749.8736	0.014	0.01417	0.05908	0.05991	0.12523	0.12433	7.59E-05	8.43E-08	8.64E-08	5.77E-07	5.83E-07	4.38E-07	4.34E-07	7.7256E-05
606365.06	4201347.99	53731.17265	0.00947	0.00957	0.04411	0.04476	0.19314	0.19143								
606887.8	4201108.22	53700.227	0.04175	0.04326	0.10538	0.10636	0.0663	0.06621	7.59E-05	2.51E-07	2.64E-07	1.03E-06	1.03E-06	2.32E-07	2.31E-07	7.8434E-05
606787.8	4201188.22	53672.50312	0.02544	0.02595	0.08776	0.08902	0.08214	0.08178	7.58E-05	1.53E-07	1.58E-07	8.57E-07	8.66E-07	2.88E-07	2.86E-07	7.7851E-05
606907.8	4201088.22	53655.93158	0.04833	0.05051	0.10863	0.1093	0.06324	0.0632	7.58E-05	2.91E-07	3.08E-07	1.06E-06	1.06E-06	2.21E-07	2.21E-07	7.8516E-05
606267.14	4201381.24	53594.39472	0.0086	0.00869	0.04063	0.04122	0.25079	0.24783	7.57E-05	5.18E-08	5.30E-08	3.97E-07	4.01E-07	8.78E-07	8.66E-07	7.6609E-05
607007.8	4200948.22	53566.7996	0.14482	0.14827	0.09719	0.09235	0.04702	0.04725	7.57E-05	8.72E-07	9.04E-07	9.49E-07	8.98E-07	1.65E-07	1.65E-07	7.9291E-05
606867.8	4201128.22	53552.38629	0.03627	0.03754	0.10227	0.10317	0.06953	0.06939	7.56E-05	2.18E-07	2.29E-07	9.99E-07	1.00E-06	2.43E-07	2.42E-07	7.8096E-05
606627.8	4201268.22	53545.49811	0.01594	0.01614	0.06494	0.0659	0.11186	0.1111	7.56E-05	9.60E-08	9.85E-08	6.34E-07	6.41E-07	3.92E-07	3.88E-07	7.7107E-05
606207.14	4201401.24	53475.26529	0.00788	0.00796	0.03799	0.03849	0.30223	0.29786								
606927.8	4201068.22	53409.72717	0.05674	0.05978	0.11152	0.11166	0.06035	0.06036	7.54E-05	3.42E-07	3.65E-07	1.09E-06	1.09E-06	2.11E-07	2.11E-07	7.8327E-05
606847.8	4201148.22	53241.62303	0.03238	0.03329	0.09877	0.10008	0.07297	0.07275	7.52E-05	1.95E-07	2.03E-07	9.65E-07	9.73E-07	2.55E-07	2.54E-07	7.7544E-05
606423.11	4201334.06	53168.5552	0.01018	0.01029	0.04677	0.04743	0.16997	0.16854								
606325.06	4201367.99	53108.69491	0.00909	0.00918	0.04289	0.04353	0.21693	0.21462								
606727.8	4201228.22	53093.59797	0.0206	0.02092	0.07795	0.07918	0.09311	0.09256	7.50E-05	1.24E-07	1.28E-07	7.61E-07	7.70E-07	3.26E-07	3.23E-07	7.6782E-05
606987.8	4200988.22	53087.17525	0.10953	0.11454	0.10857	0.10526	0.05091	0.05108	7.50E-05	6.60E-07	6.99E-07	1.06E-06	1.02E-06	1.78E-07	1.79E-07	7.8432E-05
606461.88	4201327.93	53085.81258	0.01107	0.01119	0.05011	0.0508	0.15751	0.15617								
606687.8	4201248.22	53002.94841	0.01836	0.01861	0.07215	0.07329	0.1006	0.09995	7.49E-05	1.11E-07	1.14E-07	7.05E-07	7.13E-07	3.52E-07	3.49E-07	7.6512E-05
606527.8	4201308.22	52989.82844	0.01275	0.0129	0.05564	0.05641	0.13724	0.13615	7.49E-05	7.68E-08	7.87E-08	5.43E-07	5.49E-07	4.81E-07	4.76E-07	7.6100E-05
606947.8	4201048.22	52969.69116	0.06745	0.0713	0.11383	0.11327	0.05763	0.05768	7.48E-05	4.06E-07	4.35E-07	1.11E-06	1.10E-06	2.02E-07	2.02E-07	7.7878E-05
606587.8	4201288.22	52931.30649	0.0145	0.01467	0.061	0.06188	0.12184	0.12092	7.48E-05	8.73E-08	8.95E-08	5.96E-07	6.02E-07	4.27E-07	4.23E-07	7.6144E-05
606384.38	4201349.47	52919.44751	0.00966	0.00977	0.04512	0.04578	0.18727	0.18552								
606287.14	4201381.24	52897.58932	0.00875	0.00884	0.04148	0.04209	0.24068	0.23779	7.47E-05	5.27E-08	5.39E-08	4.05E-07	4.09E-07	8.43E-07	8.31E-07	7.5643E-05
606767.8	4201208.22	52828.86909	0.02335	0.02376	0.08449	0.08577	0.08642	0.08597	7.46E-05	1.41E-07	1.45E-07	8.25E-07	8.34E-07	3.03E-07	3.00E-07	7.6569E-05
606827.8	4201168.22	52781.9888	0.02923	0.02992	0.09511	0.09645	0.07661	0.07632	7.46E-05	1.76E-07	1.83E-07	9.29E-07	9.38E-07	2.68E-07	2.67E-07	7.6784E-05
606227.14	4201401.24	52743.07381	0.00809	0.00817	0.03892	0.03946	0.28789	0.28375								
606443.11	4201334.06	52667.09167	0.01051	0.01063	0.0482	0.04888	0.16443	0.163								
606647.8	4201268.22	52640.41397	0.01653	0.01674	0.0672	0.06823	0.10903	0.10824	7.44E-05	9.95E-08	1.02E-07	6.56E-07	6.64E-07	3.82E-07	3.78E-07	7.5880E-05
607047.8	4200888.22	52601.51627	0.21223	0.20856	0.07461	0.06939	0.04153	0.04182	7.43E-05	1.28E-06	1.27E-06	7.29E-07	6.75E-07	1.45E-07	1.46E-07	7.8257E-05
607027.8	4200928.22	52511.69683	0.17324	0.17461	0.09119	0.08565	0.04498	0.04523	7.42E-05	1.04E-06	1.07E-06	8.91E-07	8.33E-07	1.57E-07	1.58E-07	7.8008E-05
606345.06	4201367.99	52438.92881	0.00925	0.00934	0.04378	0.04444	0.2089	0.20661								
606481.88	4201327.93	52406.58985	0.01151	0.01164	0.05191	0.05264	0.15252	0.15116								
606967.8	4201028.22	52363.93005	0.08127	0.08601	0.11525	0.11377	0.05506	0.05515	7.40E-05	4.89E-07	5.25E-07	1.13E-06	1.11E-06	1.93E-07	1.93E-07	7.7214E-05
606404.38	4201349.47	52263.88095	0.00988	0.00999	0.04618	0.04685	0.18085	0.17912								
606547.8	4201308.22	52246.56561	0.01319	0.01333	0.05734	0.05815	0.13328	0.13217	7.38E-05	7.94E-08	8.13E-08	5.60E-07	5.66E-07	4.67E-07	4.62E-07	7.5088E-05
606307.14	4201381.24	52220.75589	0.00891	0.009	0.04236	0.04301	0.23112	0.22835	7.38E-05	5.37E-08	5.49E-08	4.14E-07	4.18E-07	8.09E-07	7.98E-07	7.4706E-05
606807.8	4201188.22	52182.65623	0.02669	0.02723	0.09165	0.09299	0.08046	0.08008	7.37E-05	1.61E-07	1.66E-07	8.95E-07	9.04E-07	2.82E-07	2.80E-07	7.5838E-05
607007.8	4200968.22	52175.91652	0.13345	0.13807	0.1057	0.1012	0.04868	0.04887	7.37E-05	8.04E-07	8.42E-07	1.03E-06	9.84E-07	1.70E-07	1.71E-07	7.7365E-05
606607.8	4201288.22	52109.44856	0.01502	0.0152	0.06301	0.06394	0.11858	0.11762	7.36E-05	9.04E-08	9.27E-08	6.15E-07	6.22E-07	4.15E-07	4.11E-07	7.5029E-05
606247.14	4201401.24	52038.68819	0.00828	0.00835	0.03982	0.04038	0.27479	0.27085								
606707.8	4201248.22	51947.12464	0.01914	0.0194	0.07503	0.07624	0.09819	0.09752	7.34E-05	1.15E-07	1.18E-07	7.33E-07	7.41E-07	3.44E-07	3.41E-07	7.5087E-05
606747.8	4201228.22	51889.18128	0.02153	0.02186	0.08122	0.08252	0.09099	0.09042	7.33E-05	1.30E-07	1.33E-07	7.93E-07	8.03E-07	3.19E-07	3.16E-07	7.5156E-05
606365.06	4201367.99	51787.91844	0.00943	0.00953	0.04474	0.04543	0.20125	0.199								
606907.8	4201108.22	51778.46354	0.04477	0.04653	0.11081	0.11188	0.06521	0.06509	7.31E-05	2.70E-07	2.84E-07	1.08E-06	1.09E-06	2.28E-07	2.27E-07	7.5865E-05
606887.8	4201128.22	51733.301	0.03913	0.04034	0.10709	0.10837	0.06832	0.06815	7.31E-05	2.36E-07	2.46E-07	1.05E-06	1.05E-06	2.39E-07	2.38E-07	7.5659E-05
606501.88	4201327.93	51720.74656	0.01193	0.01205	0.05358	0.05434	0.14776	0.14641								
606667.8	4201268.22	51717.13405	0.01715	0.01737	0.0696	0.0707	0.10629	0.10548	7.31E-05	1.03E-07	1.06E-07	6.80E-07	6.88E-07	3.72E-07	3.69E-07	7.4631E-05
606927.8	4201088.22	51644.20709	0.05199	0.05446	0.11438	0.11506	0.06226	0.06219	7.30E-05	3.13E-07	3.32E-07	1.12E-06	1.12E-06	2.18E-07	2.17E-07	7.5833E-05
606987.8	4201008.22	51633.37963	0.09908	0.10443	0.11543	0.11282	0.05264	0.05275	7.29E-05	5.97E-07	6.37E-07	1.13E-06	1.10E-06	1.84E-07	1.84E-07	7.6394E-05
606867.8	4201148.22	51527.99919	0.03427	0.03529	0.10338	0.10452	0.07162	0.07138	7.28E-05	2.06E-07	2.15E-07	1.01E-06	1.02E-06	2.51E-07	2.49E-07	7.5235E-05
606567.8	4201308.22	51488.57357	0.01367	0.01382	0.05922	0.06007	0.12946	0.12832	7.27E-05	8.23E-08	8.43E-08	5.78E-07	5.84E-07	4.53E-07	4.48E-07	7.4061E-05
606787.8	4201208.22	51475.02324	0.02446	0.02488	0.08815	0.0895	0.08456	0.08408	7.27E-05	1.47E-07	1.52E-07	8.61E-07	8.70E-07	2.96E-07	2.94E-07	7.4743E-05
607047.8	4200908.22	51420.21204	0.20424	0.20255	0.08362	0.07784	0.04306	0.04332	7.26E-05	1.23E-06	1.24E-06	8.17E-07	7.57E-07	1.51E-07	1.51E-07	7.6674E-05
606267.14	4201401.24	51358.38284	0.00846	0.00853	0.04073	0.04132	0.2627	0.25895								
607067.8	4200868.22	51356.04765	0.24166	0.23438	0.06683	0.06201	0.03979	0.04008	7.25E-05	1.46E-06	1.43E-06	6.53E-07	6.03E-07	1.39E-07	1.40E-07	7.6685E-05
606947.8	4201068.22	51325.85134	0.06122	0.06457	0.11757	0.11768	0.05947	0.05946	7.25E-05	3.69E-07	3.94E-07	1.15E-06	1.14E-06	2.08E-07	2.08E-07	7.5557E-05
606423.11	4201354.06	51286.15896	0.01011	0.01022	0.04743	0.04812	0.17661	0.17477								
606627.8	4201288.22	51275.79033	0.01556	0.01573	0.0651	0.06609	0.11541	0.11445	7.24E-05	9.37E-08	9.60E-08	6.36E-07	6.43E-07	4.04E-07	4.00E-07	7.3899E-05
607027.8	4200948.22	51220.81566	0.16186	0.165	0.10069	0.09512	0.04658	0.04679	7.24E-05	9.75E-07	1.01E-06	9.83E-07	9.25E-07	1.63E-07	1.64E-07	7.6243E-05
606847.8	4201168.22	51184.22056	0.03081	0.03154	0.09963	0.10108	0.07512	0.0748	7.23E-05	1.86E-07	1.92E-07	9.73E-07	9.83E-07	2.63E-07	2.61E-07	7.4635E-05
606384.38	4201369.47	51018.72009	0.00962	0.00972	0.04577	0.04647	0.19475	0.19251								
606325.06	4201387.99	50903.34265	0.00903	0.00911	0.04329	0.04396	0.22614	0.22322								
606727.8	4201248.22	50869.84039	0.01995	0.02022	0.07806	0.07934	0.09584	0.09515	7.19E-05	1.20E-07	1.23E-07	7.62E-07	7.72E-07	3.36E-07	3.33E-07	7.3635E-05
606461.88	4201347.93	50868.45593	0.01076	0.01087	0.04995	0.05067	0.16346	0.16178								
606967.8	4201048.22	50841.0318	0.07325	0.07758	0.12009	0.11939	0.05684	0.05687	7.18E-05	4.41E-07	4.73E-07	1.17E-06	1.16E-06	1.99E-07	1.99E-07	7.5065E-05
607007.8	4200988.22	50818.68995	0.12156	0.12707	0.11397	0.11003	0.05035	0.05049	7.18E-05	7.32E-07	7.75E-07	1.11E-06	1.07E-06	1.76E-07	1.76E-07	7.5475E-05
606527.8	4201328.22	50796.01254	0.01245	0.01257	0.0557	0.05649	0.142	0.14062	7.18E-05	7.50E-08	7.67E-08	5.44E-07	5.49E-07	4.97E-07	4.91E-07	7.2998E-05
606687.8	4201268.22	50765.48468	0.01786	0.01808	0.07229	0.07346	0.10359	0.10277	7.17E-05	1.08E-07	1.10E-07	7.06E-07	7.14E-07	3.63E-07	3.59E-07	7.3348E-05
606443.11	4201354.06	50750.39969	0.01041	0.01051	0.04874	0.04945	0.1706	0.16879								
606587.8	4201308.22	50718.59762	0.01419	0.01434	0.06119	0.06209	0.12579	0.12462	7.16E-05	8.54E-08	8.75E-08	5.98E-07	6.04E-07	4.40E-07	4.35E-07	7.3018E-05
606827.8	4201188.22	50705.71328	0.02803	0.0286	0.09582	0.09726	0.07882	0.07841	7.16E-05	1.69E-07	1.74E-07	9.36E-07	9.46E-07	2.76E-07	2.74E-07	7.3850E-05
606287.14	4201401.24	50697.5239	0.00865	0.00872	0.04169	0.04231	0.25141	0.24782								
606767.8	4201228.22	50663.1852	0.02253	0.02287	0.08472	0.08608	0.08892	0.08833	7.16E-05	1.36E-07	1.40E-07	8.27E-07	8.37E-07	3.11E-07	3.09E-07	7.3505E-05
606647.8	4201288.22	50434.76436	0.01612	0.0163	0.06733	0.06838	0.11234	0.11137	7.12E-05	9.71E-08	9.94E-08	6.58E-07	6.65E-07	3.93E-07	3.89E-07	7.2762E-05

606404.38	4201369.47	50403.33021	0.00984	0.00993	0.04683	0.04755	0.18778	0.18558								
607067.8	4200888.22	50294.57352	0.23655	0.23104	0.07523	0.06969	0.04125	0.04152	7.10E-05	1.42E-06	1.41E-06	7.35E-07	6.78E-07	1.44E-07	1.45E-07	7.5291E-05
606345.06	4201387.99	50278.88909	0.00921	0.00929	0.04428	0.04497	0.21733	0.2145								
606481.88	4201347.93	50261.61127	0.01118	0.01129	0.05169	0.05245	0.15804	0.15636								
607047.8	4200928.22	50233.25552	0.19407	0.19455	0.09355	0.08735	0.0446	0.04482	7.10E-05	1.17E-06	1.19E-06	9.14E-07	8.50E-07	1.56E-07	1.57E-07	7.5077E-05
606987.8	4201028.22	50215.07479	0.08917	0.09449	0.12169	0.1199	0.05435	0.05441	7.09E-05	5.37E-07	5.76E-07	1.19E-06	1.17E-06	1.90E-07	1.90E-07	7.4400E-05
606807.8	4201208.22	50113.17756	0.02569	0.02613	0.09214	0.09357	0.08273	0.08223	7.08E-05	1.55E-07	1.59E-07	9.00E-07	9.10E-07	2.90E-07	2.87E-07	7.2912E-05
606547.8	4201328.22	50096.57677	0.01289	0.01302	0.05746	0.05829	0.13768	0.13631	7.08E-05	7.76E-08	7.94E-08	5.61E-07	5.67E-07	4.82E-07	4.76E-07	7.2050E-05
606307.14	4201401.24	50066.3593	0.00882	0.00889	0.04261	0.04326	0.24095	0.2375								
606907.8	4201128.22	49980.69694	0.04175	0.04314	0.11266	0.11407	0.06713	0.06693	7.06E-05	2.51E-07	2.63E-07	1.10E-06	1.11E-06	2.35E-07	2.34E-07	7.3326E-05
606607.8	4201308.22	49952.50461	0.01469	0.01484	0.06316	0.06412	0.12225	0.12108	7.06E-05	8.85E-08	9.05E-08	6.17E-07	6.24E-07	4.28E-07	4.23E-07	7.1981E-05
607027.8	4200968.22	49950.95589	0.14928	0.15399	0.11034	0.10504	0.04819	0.04835	7.06E-05	8.99E-07	9.39E-07	1.08E-06	1.02E-06	1.69E-07	1.69E-07	7.4497E-05
606927.8	4201108.22	49934.62454	0.04807	0.05006	0.11682	0.11797	0.06412	0.06398	7.05E-05	2.89E-07	3.05E-07	1.14E-06	1.15E-06	2.25E-07	2.24E-07	7.3419E-05
606887.8	4201148.22	49868.7276	0.03678	0.03744	0.10856	0.11005	0.0703	0.07003	7.04E-05	2.21E-07	2.28E-07	1.06E-06	1.07E-06	2.46E-07	2.45E-07	7.3024E-05
606707.8	4201268.22	49797.21152	0.0186	0.01882	0.0751	0.07635	0.101	0.10016	7.03E-05	1.12E-07	1.15E-07	7.33E-07	7.43E-07	3.54E-07	3.50E-07	7.2045E-05
606747.8	4201248.22	49768.68817	0.02084	0.02112	0.08134	0.0827	0.09355	0.09284	7.03E-05	1.25E-07	1.29E-07	7.94E-07	8.04E-07	3.28E-07	3.24E-07	7.2155E-05
606947.8	4201088.22	49726.25668	0.05592	0.05873	0.12077	0.12149	0.06129	0.06119	7.02E-05	3.37E-07	3.58E-07	1.18E-06	1.18E-06	2.15E-07	2.14E-07	7.3298E-05
606365.06	4201387.99	49673.48751	0.00939	0.00948	0.04528	0.04598	0.20903	0.20626								
606501.88	4201347.93	49620.20063	0.01162	0.01172	0.05348	0.05426	0.15286	0.15119								
606867.8	4201168.22	49618.09171	0.03258	0.0334	0.10434	0.10568	0.07366	0.07331	7.01E-05	1.96E-07	2.04E-07	1.02E-06	1.03E-06	2.58E-07	2.56E-07	7.2536E-05
606667.8	4201288.22	49574.09535	0.01675	0.01693	0.06976	0.07088	0.10936	0.10838	7.00E-05	1.01E-07	1.03E-07	6.81E-07	6.89E-07	3.83E-07	3.79E-07	7.1602E-05
607007.8	4201008.22	49495.40091	0.1097	0.11571	0.12178	0.11862	0.05201	0.05209	6.99E-05	6.61E-07	7.06E-07	1.19E-06	1.15E-06	1.82E-07	1.82E-07	7.3625E-05
606787.8	4201228.22	49425.13884	0.02362	0.02397	0.08846	0.08989	0.08689	0.08629	6.98E-05	1.42E-07	1.46E-07	8.64E-07	8.74E-07	3.04E-07	3.02E-07	7.1843E-05
606567.8	4201328.22	49383.74664	0.01339	0.01352	0.05938	0.06026	0.13355	0.13215	6.98E-05	8.06E-08	8.25E-08	5.80E-07	5.86E-07	4.68E-07	4.62E-07	7.1087E-05
606423.11	4201374.06	49371.32469	0.01007	0.01016	0.04811	0.04884	0.18296	0.18072								
606967.8	4201068.22	49351.81626	0.06628	0.07005	0.12431	0.12437	0.0586	0.05855	6.97E-05	3.99E-07	4.27E-07	1.21E-06	1.21E-06	2.05E-07	2.05E-07	7.2963E-05
606847.8	4201188.22	49246.31479	0.02953	0.03012	0.10039	0.1018	0.0772	0.07678	6.96E-05	1.78E-07	1.84E-07	9.80E-07	9.90E-07	2.70E-07	2.68E-07	7.1896E-05
607067.8	4200908.22	49212.83328	0.22896	0.22565	0.08489	0.07863	0.04273	0.04296	6.95E-05	1.38E-06	1.38E-06	8.29E-07	7.65E-07	1.50E-07	1.50E-07	7.3866E-05
606627.8	4201308.22	49166.76446	0.01525	0.0154	0.06534	0.06635	0.11881	0.11764	6.95E-05	9.18E-08	9.39E-08	6.38E-07	6.45E-07	4.16E-07	4.11E-07	7.0921E-05
607087.8	4200868.22	49135.90153	0.2691	0.25943	0.06693	0.06197	0.03954	0.03981	6.94E-05	1.62E-06	1.58E-06	6.54E-07	6.03E-07	1.38E-07	1.39E-07	7.3867E-05
607047.8	4200948.22	49051.20988	0.18196	0.18465	0.10421	0.09784	0.04614	0.04632	6.93E-05	1.10E-06	1.13E-06	1.02E-06	9.52E-07	1.62E-07	1.62E-07	7.3480E-05
606384.38	4201389.47	48952.64172	0.00959	0.00967	0.04635	0.04708	0.20192	0.19919								
606461.88	4201367.93	48840.75583	0.01066	0.01076	0.05048	0.05125	0.16903	0.16698								
606325.06	4201407.99	48836.56204	0.00893	0.009	0.0435	0.04418	0.23516	0.23162								
606987.8	4201048.22	48834.81209	0.07999	0.08495	0.12712	0.12623	0.05605	0.05605	6.90E-05	4.82E-07	5.18E-07	1.24E-06	1.23E-06	1.96E-07	1.96E-07	7.2452E-05
606727.8	4201268.22	48802.4997	0.01941	0.01964	0.07818	0.07952	0.09845	0.09761	6.89E-05	1.17E-07	1.20E-07	7.63E-07	7.73E-07	3.45E-07	3.41E-07	7.0711E-05
606443.11	4201374.06	48784.06256	0.01034	0.01043	0.04935	0.05011	0.17649	0.17429								
606827.8	4201208.22	48759.79381	0.02702	0.02748	0.09641	0.09793	0.08094	0.08043	6.89E-05	1.63E-07	1.68E-07	9.42E-07	9.52E-07	2.83E-07	2.81E-07	7.1101E-05
606527.8	4201348.22	48745.46806	0.01219	0.0123	0.05583	0.05664	0.14657	0.1449	6.89E-05	7.34E-08	7.50E-08	5.45E-07	5.51E-07	5.13E-07	5.06E-07	7.0101E-05
607027.8	4200988.22	48708.31983	0.13599	0.14191	0.11986	0.11514	0.04978	0.04989	6.88E-05	8.19E-07	8.66E-07	1.17E-06	1.12E-06	1.74E-07	1.74E-07	7.2779E-05
606687.8	4201288.22	48695.81118	0.01742	0.0176	0.07237	0.07358	0.10648	0.10549	6.88E-05	1.05E-07	1.07E-07	7.07E-07	7.16E-07	3.73E-07	3.69E-07	7.0421E-05
606587.8	4201328.22	48653.39935	0.01394	0.01407	0.06147	0.06239	0.12955	0.12815	6.87E-05	8.39E-08	8.58E-08	6.00E-07	6.07E-07	4.54E-07	4.48E-07	7.0103E-05
606767.8	4201248.22	48644.2752	0.02183	0.02212	0.08489	0.08633	0.09131	0.09058	6.87E-05	1.31E-07	1.35E-07	8.29E-07	8.40E-07	3.20E-07	3.17E-07	7.0649E-05
606647.8	4201308.22	48380.16182	0.01582	0.01597	0.06758	0.06866	0.1155	0.11433	6.83E-05	9.53E-08	9.74E-08	6.60E-07	6.68E-07	4.04E-07	4.00E-07	6.9861E-05
606404.38	4201389.47	48376.77077	0.00981	0.00989	0.04745	0.0482	0.19439	0.19174								
606927.8	4201128.22	48289.37942	0.04471	0.04627	0.11886	0.12043	0.06595	0.06572	6.82E-05	2.69E-07	2.82E-07	1.16E-06	1.17E-06	2.31E-07	2.30E-07	7.1096E-05
606907.8	4201148.22	48259.43017	0.03935	0.04043	0.11423	0.11592	0.069	0.06871	6.82E-05	2.37E-07	2.47E-07	1.12E-06	1.13E-06	2.42E-07	2.40E-07	7.0897E-05
606345.06	4201407.99	48252.09701	0.00911	0.00919	0.04452	0.04523	0.2256	0.22217								
606481.88	4201367.93	48247.06646	0.01101	0.0111	0.05197	0.05275	0.16325	0.16123								
607007.8	4201028.22	48205.74598	0.0983	0.10438	0.12886	0.12664	0.05365	0.05368	6.81E-05	5.92E-07	6.37E-07	1.26E-06	1.23E-06	1.88E-07	1.88E-07	7.1813E-05
606807.8	4201228.22	48178.97448	0.02482	0.02518	0.0925	0.09402	0.08492	0.0843	6.81E-05	1.49E-07	1.54E-07	9.03E-07	9.14E-07	2.97E-07	2.95E-07	7.0177E-05
606947.8	4201108.22	48169.8006	0.05156	0.05382	0.12348	0.12474	0.06305	0.06289	6.80E-05	3.10E-07	3.28E-07	1.21E-06	1.21E-06	2.21E-07	2.20E-07	7.1101E-05
607087.8	4200888.22	48164.20164	0.2649	0.25705	0.07566	0.06985	0.04096	0.0412	6.80E-05	1.60E-06	1.57E-06	7.39E-07	6.79E-07	1.43E-07	1.44E-07	7.2617E-05
607067.8	4200928.22	48124.3867	0.21873	0.21794	0.09579	0.0889	0.04421	0.0444	6.80E-05	1.32E-06	1.33E-06	9.35E-07	8.65E-07	1.55E-07	1.55E-07	7.2426E-05
606887.8	4201168.22	48094.9025	0.03503	0.03577	0.10971	0.11143	0.07222	0.07185	6.79E-05	2.11E-07	2.18E-07	1.07E-06	1.08E-06	2.53E-07	2.51E-07	7.0522E-05
606547.8	4201348.22	48079.83078	0.01269	0.0128	0.05776	0.05861	0.1419	0.14022	6.79E-05	7.64E-08	7.81E-08	5.64E-07	5.70E-07	4.97E-07	4.90E-07	6.9205E-05
607107.8	4200848.22	47948.54902	0.30118	0.28705	0.05941	0.0552	0.03792	0.03819	6.77E-05	1.81E-06	1.75E-06	5.80E-07	5.37E-07	1.33E-07	1.33E-07	7.2412E-05
606607.8	4201328.22	47921.54507	0.01451	0.01464	0.06362	0.06459	0.12569	0.1243	6.77E-05	8.74E-08	8.93E-08	6.21E-07	6.28E-07	4.40E-07	4.34E-07	6.9119E-05
606967.8	4201088.22	47899.07453	0.06034	0.06349	0.12785	0.12863	0.06032	0.0602	6.77E-05	3.63E-07	3.87E-07	1.25E-06	1.25E-06	2.11E-07	2.10E-07	7.0911E-05
607047.8	4200968.22	47887.5075	0.1681	0.1728	0.1152	0.10899	0.04768	0.04781	6.76E-05	1.01E-06	1.05E-06	1.13E-06	1.06E-06	1.67E-07	1.67E-07	7.1896E-05
606867.8	4201188.22	47815.03118	0.0312	0.03182	0.10517	0.10669	0.07562	0.07517	6.75E-05	1.88E-07	1.94E-07	1.03E-06	1.04E-06	2.65E-07	2.63E-07	6.9989E-05
606707.8	4201288.22	47794.60205	0.01817	0.01835	0.07525	0.07654	0.10366	0.10267	6.75E-05	1.09E-07	1.12E-07	7.35E-07	7.44E-07	3.63E-07	3.59E-07	6.9214E-05
606747.8	4201268.22	47787.54965	0.02031	0.02054	0.08152	0.08293	0.09598	0.09513	6.75E-05	1.22E-07	1.25E-07	7.96E-07	8.07E-07	3.36E-07	3.32E-07	6.9354E-05
606365.06	4201407.99	47685.77483	0.0093	0.00938	0.04555	0.04629	0.21661	0.21331								
606501.88	4201367.93	47648.50315	0.01139	0.01148	0.05358	0.05439	0.15771	0.15572								
606667.8	4201308.22	47583.14379	0.01641	0.01656	0.06994	0.07109	0.11231	0.11113	6.72E-05	9.88E-08	1.01E-07	6.83E-07	6.91E-07	3.93E-07	3.88E-07	6.8789E-05
606787.8	4201248.22	47514.24511	0.02286	0.02315	0.08862	0.09013	0.08914	0.0884	6.71E-05	1.38E-07	1.41E-07	8.65E-07	8.77E-07	3.12E-07	3.09E-07	6.9138E-05
607027.8	4201008.22	47498.5268	0.12244	0.1291	0.12883	0.12497	0.05136	0.05142	6.71E-05	7.37E-07	7.88E-07	1.26E-06	1.22E-06	1.80E-07	1.80E-07	7.1093E-05
606987.8	4201068.22	47482.90971	0.07207	0.07637	0.13183	0.13184	0.05772	0.05765	6.71E-05	4.34E-07	4.66E-07	1.29E-06	1.28E-06	2.02E-07	2.01E-07	7.0543E-05
606847.8	4201208.22	47420.30381	0.02872	0.02899	0.10094	0.10272	0.0792	0.07866	6.70E-05	1.73E-07	1.77E-07	9.86E-07	9.99E-07	2.77E-07	2.75E-07	6.9319E-05
606423.11	4201394.06	47402.96187	0.01003	0.01011	0.04871	0.04948	0.18904	0.18636								
606567.8	4201348.22	47396.21519	0.01325	0.01336	0.05986	0.06075	0.13739	0.13574	6.70E-05	7.98E-08	8.15E-08	5.85E-07	5.91E-07	4.81E-07	4.74E-07	6.8287E-05
606627.8	4201328.22	47187.4174	0.01506	0.01519	0.06577	0.0668	0.122	0.12061	6.67E-05	9.07E-08	9.27E-08	6.42E-07	6.50E-07	4.27E-07	4.21E-07	6.8131E-05
607087.8	4200908.22	47172.60656	0.25791	0.25243	0.08591	0.0792	0.04238	0.04259	6.66E-05	1.55E-06	1.54E-06	8.39E-07	7.70E-07	1.48E-07	1.49E-07	7.1337E-05
607107.8	4200868.22	47085.71378	0.30081	0.28785	0.06688	0.06184	0.03928	0.03953	6.65E-05	1.81E-06	1.76E-06	6.53E-07	6.01E-07	1.38E-07	1.38E-07	7.1334E-05
607067.8	4200948.22	47041.46268	0.20581	0.2077	0.10768	0.10041	0.04569	0.04584	6.64E-05	1.24E-06	1.27E-06	1.05E-06	9.77E-07	1.60E-07	1.60E-07	7.0984E-05
606384.38	4201409.47	47009.58198	0.0095	0.00958	0.04665	0.04742	0.20889	0.20566								
607007.8	4201048.22	46947.92051	0.08785	0.09355	0.13503	0.13389	0.05526	0.05523	6.63E-05	5.29E-07	5.71E-07	1.32E-06	1.30E-06	1.93E-07	1.93E-07	7.0038E-05
606827.8	4201228.22	46937.65273	0.02611	0.02648	0.09686	0.09844	0.08299	0.08236	6.63E-05	1.57E-07	1.62E-07	9.46E-07	9.57E-07	2.91E-07	2.88E-07	6.8525E-05
606461.88	4201387.93	46907.64655	0.01059	0.01067	0.05105	0.05184	0.17433	0.1719								
606727.8	4201288.22	46882.85942	0.01893	0.01912	0.07825	0.07962	0.10095	0.09995	6.62E-05	1.14E-07	1.17E-07	7.64E-07	7.74E-07	3.53E-07	3.49E-07	6.7995E-05
606443.11	4201394.06	46851.0644	0.0103	0.01038	0.04997	0.05076	0.1821	0.17949								
606527.8	4201368.22	46806.8626	0.01208	0.01217	0.0563	0.05714	0.15086	0.14887	6.61E-05	7.27E-08	7.42E-08	5.50E-07	5.56E-07	5.28E-07	5.20E-07	6.7371E-05
606687.8	4201308.22	46770.20399	0.01705	0.0172	0.07249	0.07372	0.10921	0.10804	6.61E-05	1.03E-07	1.05E-07	7.08E-07	7.17E-07	3.82E-07	3.78E-07	6.7699E-05
606767.8	4201268.22	46766.39471	0.0212	0.02143	0.08494	0.08644	0.0936	0.09274	6.61E-05	1.28E-07	1.31E-07	8.29E-07	8.41E-07	3.28E-07	3.24E-07	6.7990E-05
607047.8	4200988.22	46749.16076	0.15301	0.15935	0.1261	0.12044	0.04921	0.04929	6.60E-05	9.21E-07	9.72E-07	1.23E-06	1.17E-06	1.72E-07	1.72E-07	7.0333E-05
606587.8	4201348.22	46707.73727	0.01381	0.01392	0.06196	0.0629	0.13307	0.13143	6.60E-05	8.32E-08	8.49E-08	6.05E-07	6.12E-07	4.66E-07	4.59E-07	6.7363E-05
606927.8	4201148.22	46704.38218	0.04206	0.04329	0.1206	0.12248	0.06771	0.0674	6.60E-05	2.53E-07	2.64E-07	1.18E-06	1.19E-06	2.37E-07	2.36E-07	6.8860E-05
606947.8	4201128.22	46662.95059	0.04794	0.04975	0.12573	0.12743	0.06478	0.06453	6.59E-05	2.89E-07	3.03E-07	1.23E-06	1.24E-06	2.27E-07	2.26E-07	6.8974E-05
606907.8	4201168.22	46614.84523	0.03742	0.03828	0.11556	0.11747	0.0708	0.07042	6.58E-05	2.25E-07	2.34E-07	1.13E-06	1.14E-06	2.48E-07	2.46E-07	6.8577E-05
606967.8	4201108.22	46481.58207	0.05544	0.05796	0.13086	0.13225	0.06199	0.06181	6.57E-05	3.34E-07	3.54E-07	1.28E-06	1.29E-06	2.17E-07	2.16E-07	6.8910E-05
606404.38	4201409.47	46468.48339	0.00973	0.0098	0.04782	0.0486	0.20078	0.19767								
606647.8	4201328.22	46459.40334	0.0156	0.01572	0.06794	0.06904	0.11846	0.11709	6.56E-05	9.39E-08	9.59E-08	6.63E-07	6.71E-07	4.15E-07	4.09E-07	6.7152E-05
606887.8	4201188.22	46410.88336	0.03366	0.03428	0.11072	0.1126	0.07406	0.0736	6.56E-05	2.03E-07	2.09E-07	1.08E-06	1.10E-06	2.59E-07	2.57E-07	6.8147E-05
606807.8	4201248.22	46368.97177	0.02405	0.02434	0.09274	0.09434	0.08701	0.08627	6.55E-05	1.45E-07	1.48E-07	9.06E-07	9.18E-07	3.05E-07	3.01E-07	6.7616E-05
606481.88	4201387.93	46343.77093	0.01095	0.01103	0.05261	0.05342	0.16811	0.16574								
607027.8	4201028.22	46321.26062	0.10926	0.1161	0.13693	0.13417	0.05293	0.05294	6.54E-05	6.58E-07	7.08E-07	1.34E-06	1.30E-06	1.85E-07	1.85E-07	6.9440E-05
607107.8	4200888.22	46192.0796	0.29804	0.28688	0.07591	0.06989	0.04065	0.04087	6.52E-05	1.79E-06	1.75E-06	7.41E-07	6.80E-07	1.42E-07	1.43E-07	7.0215E-05
607087.8	4200928.22	46173.04044	0.2478	0.2452	0.09774	0.09016	0.04381	0.04398	6.52E-05	1.49E-06	1.50E-06	9.54E-07	8.77E-07	1.53E-07	1.54E-07	7.0042E-05
606987.8	4201088.22	46160.90082	0.06534	0.06891	0.13579	0.13663	0.05935	0.05922	6.52E-05	3.93E-07	4.20E-07	1.33E-06	1.33E-06	2.08E-07	2.07E-07	6.8674E-05
606547.8	4201368.22	46159.07142	0.01266	0.01275	0.05846	0.05933	0.14578	0.14383	6.52E-05	7.62E-08	7.78E-08	5.71E-07	5.77E-07	5.10E-07	5.03E-07	6.6505E-05
606867.8	4201208.22	46106.56685	0.03047	0.03088	0.10602	0.10782	0.07749	0.07694	6.51E-05	1.83E-07	1.88E-07	1.04E-06	1.05E-06	2.71E-07	2.69E-07	6.7585E-05
606607.8	4201348.22	46020.01089	0.01438	0.01449	0.0641	0.06509	0.12892	0.12731	6.50E-05	8.66E-08	8.84E-08	6.26E-07	6.33E-07	4.51E-07	4.45E-07	6.6441E-05
607127.8	4200848.22	45981.50889	0.33611	0.31796	0.05919	0.05502	0.03769	0.03795	6.50E-05	2.02E-06	1.94E-06	5.78E-07	5.35E-07	1.32E-07	1.33E-07	7.0029E-05
607067.8	4200968.22	45972.64482	0.19055	0.19503	0.12019	0.11292	0.04716	0.04728	6.49E-05	1.15E-06	1.19E-06	1.17E-06	1.10E-06	1.65E-07	1.65E-07	6.9549E-05
606747.8	4201288.22	45948.93938	0.01979	0.01997	0.08154	0.083	0.09831	0.09731	6.49E-05	1.19E-07	1.22E-07	7.96E-07	8.07E-07	3.44E-07	3.40E-07	6.6751E-05
606707.8	4201308.22	45938.79566	0.01776	0.01791	0.07529	0.07661	0.10622	0.10505	6.49E-05	1.07E-07	1.09E-07	7.35E-07	7.45E-07	3.72E-07	3.67E-07	6.6588E-05
606501.88	4201387.93	45749.48495	0.01147	0.01155	0.05465	0.05548	0.16209	0.15973								
606787.8	4201268.22	45727.19952	0.0222	0.02244	0.08869	0.09026	0.09127	0.09041	6.46E-05	1.34E-07	1.37E-07	8.66E-07	8.78E-07	3.20E-07	3.16E-07	6.6608E-05
606667.8	4201328.22	45720.32219	0.01617	0.01629	0.07025	0.07142	0.11506	0.1137	6.46E-05	9.74E-08	9.94E-08	6.86E-07	6.95E-07	4.03E-07	3.97E-07	6.6161E-05
607007.8	4201068.22	45717.89522	0.07868	0.0836	0.14027	0.1402	0.05685	0.05676	6.46E-05	4.74E-07	5.10E-07	1.37E-06	1.36E-06	1.99E-07	1.98E-07	6.8297E-05
606847.8	4201228.22	45707.69694	0.02786	0.02795	0.10166	0.10335	0.08111	0.08047	6.46E-05	1.68E-07	1.70E-07	9.93E-07	1.01E-06	2.84E-07	2.81E-07	6.6902E-05
607047.8	4201008.22	45637.91228	0.1375	0.14491	0.1365	0.13178	0.05072	0.05076	6.45E-05	8.28E-07	8.84E-07	1.33E-06	1.28E-06	1.78E-07	1.77E-07	6.8793E-05
606423.11	4201414.06	45549.87578	0.00997	0.01004	0.04912	0.04992	0.19485	0.19175								
606567.8	4201368.22	45517.0695	0.0132	0.01329	0.06049	0.0614	0.14094	0.13902	6.43E-05	7.95E-08	8.11E-08	5.91E-07	5.97E-07	4.93E-07	4.86E-07	6.5645E-05
606627.8	4201348.22	45336.98364	0.01492	0.01502	0.06622	0.06728	0.12499	0.1234	6.40E-05	8.98E-08	9.16E-08	6.47E-07	6.54E-07	4.38E-07	4.31E-07	6.5524E-05
607107.8	4200908.22	45280.91717	0.29206	0.28339	0.08668	0.07957	0.04202	0.04221	6.40E-05	1.76E-06	1.73E-06	8.46E-07	7.74E-07	1.47E-07	1.48E-07	6.9070E-05
606827.8	4201248.22	45228.00435	0.0253	0.0256	0.0972	0.09896	0.08495	0.0842	6.39E-05	1.52E-07	1.56E-07	9.49E-07	9.62E-07	2.97E-07	2.94E-07	6.6108E-05
606947.8	4201148.22	45203.45796	0.04503	0.04645	0.12768	0.12974	0.06644	0.06611	6.39E-05	2.71E-07	2.83E-07	1.25E-06	1.26E-06	2.33E-07	2.31E-07	6.6916E-05
607127.8	4200868.22	45185.63022	0.33783	0.3207	0.06674	0.06168	0.03901	0.03924	6.38E-05	2.03E-06	1.96E-06	6.52E-07	6.00E-07	1.37E-07	1.37E-07	6.9070E-05
606927.8	4201168.22	45179.60482	0.04001	0.04099	0.12208	0.12418	0.0694	0.06901	6.38E-05	2.41E-07	2.50E-07	1.19E-06	1.21E-06	2.43E-07	2.41E-07	6.6710E-05
607087.8	4200948.22	45175.6697	0.23438	0.23501	0.111	0.10275	0.04523	0.04536	6.38E-05	1.41E-06	1.43E-06	1.08E-06	9.99E-07	1.58E-07	1.59E-07	6.8742E-05
607027.8	4201048.22	45170.90194	0.09716	0.10362	0.14402	0.14252	0.05447	0.05442	6.38E-05	5.85E-07	6.32E-07	1.41E-06	1.39E-06	1.91E-07	1.90E-07	6.7817E-05
606967.8	4201128.22	45101.00746	0.05147	0.05343	0.1334	0.1353	0.06362	0.06336	6.37E-05	3.10E-07	3.26E-07	1.30E-06	1.32E-06	2.23E-07	2.21E-07	6.6963E-05
606727.8	4201308.22	45093.60996	0.01852	0.01866	0.07828	0.07969	0.10332	0.10216	6.37E-05	1.12E-07	1.14E-07	7.64E-07	7.75E-07	3.62E-07	3.57E-07	6.5463E-05
606907.8	4201188.22	45046.00424	0.03586	0.03657	0.11671	0.11879	0.07253	0.07205	6.36E-05	2.16E-07	2.23E-07	1.14E-06	1.16E-06	2.54E-07	2.52E-07	6.6365E-05
606461.88	4201407.93	45037.44015	0.01073	0.0108	0.05219	0.05301	0.17914	0.17629								
606767.8	4201288.22	45005.34021	0.02069	0.02087	0.08501	0.08656	0.09576	0.09476	6.36E-05	1.25E-07	1.27E-07	8.30E-07	8.42E-07	3.35E-07	3.31E-07	6.5497E-05
606443.11	4201414.06	45002.18633	0.01036	0.01042	0.0508	0.05161	0.18731	0.18426								
606687.8	4201328.22	44968.52934	0.01677	0.01689	0.07273	0.07398	0.11178	0.11044	6.35E-05	1.01E-07	1.03E-07	7.10E-07	7.20E-07	3.91E-07	3.86E-07	6.5155E-05
607067.8	4200988.22	44923.85493	0.17356	0.18024	0.13281	0.12602	0.04863	0.04869	6.35E-05	1.05E-06	1.10E-06	1.30E-06	1.23E-06	1.70E-07	1.70E-07	6.8125E-05
606527.8	4201388.22	44905.84436	0.01228	0.01236	0.05756	0.05847	0.15458	0.15231	6.34E-05	7.39E-08	7.54E-08	5.62E-07	5.69E-07	5.41E-07	5.32E-07	6.4713E-05
606587.8	4201368.22	44881.29011	0.01372	0.01381	0.06246	0.06349	0.13635	0.13448	6.34E-05	8.26E-08	8.42E-08	6.10E-07	6.17E-07	4.77E-07	4.70E-07	6.4792E-05
606987.8	4201108.22	44868.84012	0.05982	0.06261	0.13909	0.14067	0.06095	0.06074	6.34E-05	3.60E-07	3.82E-07	1.36E-06	1.37E-06	2.13E-07	2.12E-07	6.6849E-05
606887.8	4201208.22	44817.58965	0.03236	0.03285	0.11151	0.1135	0.07582	0.07526	6.33E-05	1.95E-07	2.00E-07	1.09E-06	1.10E-06	2.65E-07	2.63E-07	6.5896E-05
606807.8	4201268.22	44675.18356	0.02334	0.02358	0.0928	0.09447	0.08901	0.08814	6.31E-05	1.41E-07	1.44E-07	9.06E-07	9.19E-07	3.12E-07	3.08E-07	6.5216E-05
606647.8	4201348.22	44659.49262	0.01544	0.01555	0.06837	0.06949	0.12124	0.11967	6.31E-05	9.30E-08	9.49E-08	6.68E-07	6.76E-07	4.24E-07	4.18E-07	6.4616E-05
607047.8	4201028.22	44556.10258	0.12223	0.13001	0.14594	0.1425	0.05222	0.0522	6.29E-05	7.36E-07	7.93E-07	1.43E-06	1.39E-06	1.83E-07	1.82E-07	6.7279E-05
607007.8	4201088.22	44509.80948	0.07109	0.07513	0.14473	0.14565	0.0584	0.05824	6.29E-05	4.28E-07	4.58E-07	1.41E-06	1.42E-06	2.04E-07	2.04E-07	6.6590E-05
606867.8	4201228.22	44493.17222	0.02958	0.02998	0.10663	0.10852	0.07928	0.07863	6.28E-05	1.78E-07	1.83E-07	1.04E-06	1.06E-06	2.78E-07	2.75E-07	6.5308E-05
606481.88	4201407.93	44459.96681	0.01123	0.0113	0.05413	0.05496	0.1723	0.16955								
607127.8	4200888.22	44361.21669	0.33707	0.32161	0.07597	0.06983	0.04033	0.04053	6.27E-05	2.03E-06	1.96E-06	7.42E-07	6.79E-07	1.41E-07	1.42E-07	6.8076E-05
607107.8	4200928.22	44359.44539	0.28252	0.27706	0.09942	0.09118	0.04339	0.04354	6.27E-05	1.70E-06	1.69E-06	9.71E-07	8.87E-07	1.52E-07	1.52E-07	6.7910E-05
606547.8	4201388.22	44308.17224	0.01311	0.01319	0.05979	0.06067	0.14921	0.14699	6.26E-05	7.89E-08	8.05E-08	5.84E-07	5.90E-07	5.22E-07	5.14E-07	6.3922E-05
606607.8	4201368.22	44244.57904	0.01451	0.01458	0.06489	0.06589	0.13198	0.13014	6.25E-05	8.74E-08	8.89E-08	6.34E-07	6.41E-07	4.62E-07	4.55E-07	6.3950E-05
606747.8	4201308.22	44227.5107	0.01937	0.01952	0.08159	0.08309	0.10051	0.09936	6.25E-05	1.17E-07	1.19E-07	7.97E-07	8.08E-07	3.52E-07	3.47E-07	6.4315E-05
606707.8	4201328.22	44207.13161	0.01741	0.01752	0.07533	0.07667	0.10863	0.1073	6.24E-05	1.05E-07	1.07E-07	7.36E-07	7.46E-07	3.80E-07	3.75E-07	6.4139E-05
607087.8	4200968.22	44189.25607	0.21783	0.22175	0.1253	0.11678	0.04664	0.04673	6.24E-05	1.31E-06	1.35E-06	1.22E-06	1.14E-06	1.63E-07	1.63E-07	6.7444E-05
607147.8	4200848.22	44152.93426	0.37708	0.35414	0.05906	0.05496	0.03745	0.03769	6.24E-05	2.27E-06	2.16E-06	5.77E-07	5.35E-07	1.31E-07	1.32E-07	6.7911E-05
606847.8	4201248.22	44093.83007	0.02709	0.02731	0.10203	0.10384	0.08294	0.08219	6.23E-05	1.63E-07	1.67E-07	9.96E-07	1.01E-06	2.90E-07	2.87E-07	6.4622E-05
606787.8	4201288.22	44049.95446	0.02165	0.02183	0.08872	0.09035	0.0933	0.0923	6.22E-05	1.30E-07	1.33E-07	8.66E-07	8.79E-07	3.27E-07	3.23E-07	6.4232E-05
607027.8	4201068.22	44047.70585	0.08646	0.09213	0.14991	0.14973	0.05599	0.05587	6.22E-05	5.21E-07	5.62E-07	1.46E-06	1.46E-06	1.96E-07	1.95E-07	6.6223E-05
606667.8	4201348.22	43972.79474	0.016	0.0161	0.07065	0.07185	0.11764	0.11609	6.21E-05	9.63E-08	9.82E-08	6.90E-07	6.99E-07	4.12E-07	4.06E-07	6.3698E-05
607067.8	4201008.22	43899.0964	0.15571	0.16395	0.14498	0.13918	0.05007	0.05009	6.20E-05	9.38E-07	1.00E-06	1.42E-06	1.35E-06	1.75E-07	1.75E-07	6.6718E-05
606501.88	4201407.93	43854.35877	0.01213	0.01222	0.0565	0.05733	0.16571	0.16304								
606947.8	4201168.22	43794.19851	0.04267	0.04377	0.12936	0.13171	0.06804	0.06763	6.19E-05	2.57E-07	2.67E-07	1.26E-06	1.28E-06	2.38E-07	2.36E-07	6.4931E-05
606967.8	4201148.22	43756.58013	0.04829	0.0498	0.13563	0.13794	0.06519	0.06485	6.18E-05	2.91E-07	3.04E-07	1.32E-06	1.34E-06	2.28E-07	2.27E-07	6.5070E-05
606567.8	4201388.22	43722.34305	0.01359	0.01368	0.06162	0.06254	0.14415	0.14198	6.18E-05	8.18E-08	8.34E-08	6.02E-07	6.08E-07	5.05E-07	4.96E-07	6.3136E-05
606927.8	4201188.22	43721.98164	0.03818	0.039	0.12331	0.1256	0.07103	0.07055	6.18E-05	2.30E-07	2.38E-07	1.20E-06	1.22E-06	2.49E-07	2.47E-07	6.4654E-05
606827.8	4201268.22	43623.51489	0.02456	0.0248	0.09723	0.0992	0.08681	0.08594	6.16E-05	1.48E-07	1.51E-07	9.50E-07	9.65E-07	3.04E-07	3.00E-07	6.3835E-05
606987.8	4201128.22	43602.23995	0.05542	0.05757	0.14198	0.14415	0.06249	0.0622	6.16E-05	3.34E-07	3.51E-07	1.39E-06	1.40E-06	2.19E-07	2.17E-07	6.5065E-05
606627.8	4201368.22	43597.18462	0.01517	0.01528	0.0671	0.06816	0.12778	0.12598	6.16E-05	9.13E-08	9.32E-08	6.55E-07	6.63E-07	4.47E-07	4.40E-07	6.3087E-05
606907.8	4201208.22	43555.73187	0.03443	0.03503	0.11759	0.11977	0.07419	0.07362	6.15E-05	2.07E-07	2.14E-07	1.15E-06	1.16E-06	2.60E-07	2.57E-07	6.4260E-05
607127.8	4200908.22	43520.50753	0.3327	0.31981	0.08718	0.07976	0.04165	0.04182	6.15E-05	2.00E-06	1.95E-06	8.51E-07	7.76E-07	1.46E-07	1.46E-07	6.7057E-05
607047.8	4201048.22	43499.4814	0.10813	0.11558	0.15418	0.15224	0.05368	0.05361	6.14E-05	6.51E-07	7.05E-07	1.51E-06	1.48E-06	1.88E-07	1.87E-07	6.5789E-05
607107.8	4200948.22	43438.1357	0.26897	0.26733	0.11413	0.10486	0.04476	0.04487	6.14E-05	1.62E-06	1.63E-06	1.11E-06	1.02E-06	1.57E-07	1.57E-07	6.6744E-05
606727.8	4201328.22	43422.24791	0.01816	0.01826	0.0783	0.07974	0.10555	0.10424	6.13E-05	1.09E-07	1.11E-07	7.65E-07	7.76E-07	3.70E-07	3.64E-07	6.3098E-05
607147.8	4200868.22	43418.73887	0.38147	0.35914	0.06656	0.06154	0.03873	0.03893	6.13E-05	2.30E-06	2.19E-06	6.50E-07	5.99E-07	1.36E-07	1.36E-07	6.7068E-05
606767.8	4201308.22	43357.16402	0.02024	0.02038	0.08502	0.08661	0.09781	0.09667	6.12E-05	1.22E-07	1.24E-07	8.30E-07	8.42E-07	3.42E-07	3.38E-07	6.3164E-05
607007.8	4201108.22	43328.02436	0.06482	0.06798	0.14843	0.15018	0.05991	0.05968	6.12E-05	3.90E-07	4.15E-07	1.45E-06	1.46E-06	2.10E-07	2.09E-07	6.4919E-05
606887.8	4201228.22	43296.56907	0.03146	0.0319	0.11221	0.11426	0.07749	0.07683	6.12E-05	1.89E-07	1.95E-07	1.10E-06	1.11E-06	2.71E-07	2.68E-07	6.3751E-05
606687.8	4201348.22	43274.13587	0.0166	0.01669	0.0731	0.07438	0.11416	0.11264	6.11E-05	1.00E-07	1.02E-07	7.14E-07	7.23E-07	4.00E-07	3.94E-07	6.2767E-05
607087.8	4200988.22	43220.09595	0.19874	0.20563	0.14001	0.13181	0.04805	0.04809	6.11E-05	1.20E-06	1.25E-06	1.37E-06	1.28E-06	1.68E-07	1.68E-07	6.6152E-05
606587.8	4201388.22	43150.2049	0.01403	0.01412	0.06342	0.06439	0.13938	0.13726	6.10E-05	8.45E-08	8.61E-08	6.19E-07	6.26E-07	4.88E-07	4.80E-07	6.2369E-05
606527.8	4201408.22	43104.85212	0.01272	0.01282	0.05872	0.05958	0.15797	0.15541	6.09E-05	7.66E-08	7.82E-08	5.73E-07	5.79E-07	5.53E-07	5.43E-07	6.2196E-05
606807.8	4201288.22	43085.03792	0.02272	0.0229	0.09275	0.09448	0.0909	0.08991	6.09E-05	1.37E-07	1.40E-07	9.06E-07	9.19E-07	3.18E-07	3.14E-07	6.2962E-05
606867.8	4201248.22	42974.28077	0.02865	0.02895	0.10706	0.109	0.08099	0.08024	6.07E-05	1.73E-07	1.77E-07	1.05E-06	1.06E-06	2.84E-07	2.80E-07	6.3159E-05
606647.8	4201368.22	42959.21445	0.01573	0.01584	0.06932	0.07044	0.1238	0.12203	6.07E-05	9.47E-08	9.66E-08	6.77E-07	6.85E-07	4.33E-07	4.26E-07	6.2236E-05
607027.8	4201088.22	42942.25508	0.07769	0.08233	0.1549	0.15591	0.05746	0.05728	6.07E-05	4.68E-07	5.02E-07	1.51E-06	1.52E-06	2.01E-07	2.00E-07	6.4658E-05
607067.8	4201028.22	42900.17303	0.13795	0.14688	0.15612	0.15178	0.0515	0.05146	6.06E-05	8.31E-07	8.96E-07	1.52E-06	1.48E-06	1.80E-07	1.80E-07	6.5327E-05
607127.8	4200928.22	42669.19879	0.32431	0.31487	0.10077	0.09191	0.04298	0.0431	6.03E-05	1.95E-06	1.92E-06	9.84E-07	8.94E-07	1.50E-07	1.51E-07	6.6025E-05
607147.8	4200888.22	42658.77204	0.3831	0.36223	0.07584	0.06965	0.04001	0.04018	6.03E-05	2.31E-06	2.21E-06	7.41E-07	6.77E-07	1.40E-07	1.40E-07	6.6193E-05
606747.8	4201328.22	42623.25466	0.01897	0.01907	0.08151	0.08304	0.10259	0.1013	6.02E-05	1.14E-07	1.16E-07	7.96E-07	8.08E-07	3.59E-07	3.54E-07	6.2043E-05
606547.8	4201408.22	42596.25843	0.01308	0.01317	0.06031	0.06121	0.15251	0.15001	6.02E-05	7.88E-08	8.03E-08	5.89E-07	5.95E-07	5.34E-07	5.24E-07	6.1514E-05
606847.8	4201268.22	42575.86953	0.02623	0.02637	0.10229	0.10419	0.08468	0.08381	6.01E-05	1.58E-07	1.61E-07	9.99E-07	1.01E-06	2.96E-07	2.93E-07	6.2473E-05
606607.8	4201388.22	42574.57011	0.01448	0.01458	0.06533	0.06635	0.13482	0.13275	6.01E-05	8.72E-08	8.89E-08	6.38E-07	6.45E-07	4.72E-07	4.64E-07	6.1599E-05
606707.8	4201348.22	42571.4451	0.0172	0.01728	0.07563	0.07699	0.11084	0.10935	6.01E-05	1.04E-07	1.05E-07	7.39E-07	7.49E-07	3.88E-07	3.82E-07	6.1832E-05
607107.8	4200968.22	42525.16328	0.25128	0.25382	0.13045	0.12054	0.04612	0.04619	6.01E-05	1.51E-06	1.55E-06	1.27E-06	1.17E-06	1.61E-07	1.61E-07	6.5578E-05
606787.8	4201308.22	42475.98326	0.02118	0.02131	0.08869	0.09037	0.0952	0.09407	6.00E-05	1.28E-07	1.30E-07	8.66E-07	8.79E-07	3.33E-07	3.29E-07	6.2003E-05
607047.8	4201068.22	42466.76385	0.09573	0.10227	0.16101	0.16066	0.05512	0.05499	6.00E-05	5.76E-07	6.24E-07	1.57E-06	1.56E-06	1.93E-07	1.92E-07	6.4323E-05
606967.8	4201168.22	42454.73996	0.04564	0.04682	0.13751	0.14015	0.0667	0.06628	6.00E-05	2.75E-07	2.86E-07	1.34E-06	1.36E-06	2.34E-07	2.32E-07	6.3237E-05
607167.8	4200848.22	42453.86219	0.42527	0.39626	0.05896	0.05493	0.03721	0.03742	6.00E-05	2.56E-06	2.42E-06	5.76E-07	5.34E-07	1.30E-07	1.31E-07	6.6057E-05
606947.8	4201188.22	42437.13792	0.0407	0.04156	0.13078	0.13336	0.06957	0.06907	5.99E-05	2.45E-07	2.54E-07	1.28E-06	1.30E-06	2.44E-07	2.41E-07	6.3018E-05
606987.8	4201148.22	42364.20895	0.05189	0.05357	0.14453	0.14713	0.06396	0.06361	5.98E-05	3.12E-07	3.27E-07	1.41E-06	1.43E-06	2.24E-07	2.22E-07	6.3324E-05
606927.8	4201208.22	42327.60955	0.03663	0.03728	0.12438	0.12682	0.07259	0.07201	5.98E-05	2.21E-07	2.27E-07	1.21E-06	1.23E-06	2.54E-07	2.52E-07	6.2687E-05
606667.8	4201368.22	42323.52387	0.01626	0.01636	0.0716	0.07279	0.12	0.11827	5.98E-05	9.79E-08	9.98E-08	6.99E-07	7.08E-07	4.20E-07	4.13E-07	6.1390E-05

607087.8	4201008.22	42271.91509	0.17811	0.18724	0.15438	0.14718	0.04943	0.04942	5.97E-05	1.07E-06	1.14E-06	1.51E-06	1.43E-06	1.73E-07	1.73E-07	6.4866E-05
607007.8	4201128.22	42166.39193	0.05987	0.06229	0.15164	0.15408	0.06136	0.06106	5.96E-05	3.61E-07	3.80E-07	1.48E-06	1.50E-06	2.15E-07	2.13E-07	6.3283E-05
606907.8	4201228.22	42137.43891	0.03322	0.03368	0.11829	0.12054	0.07576	0.0751	5.95E-05	2.00E-07	2.05E-07	1.16E-06	1.17E-06	2.65E-07	2.62E-07	6.2255E-05
606827.8	4201288.22	42113.93921	0.0239	0.02408	0.09715	0.09899	0.08857	0.08759	5.95E-05	1.44E-07	1.47E-07	9.49E-07	9.63E-07	3.10E-07	3.06E-07	6.1691E-05
606567.8	4201408.22	42082.10854	0.01345	0.01355	0.06197	0.0629	0.14729	0.14487	5.94E-05	8.10E-08	8.27E-08	6.05E-07	6.12E-07	5.16E-07	5.06E-07	6.0825E-05
606627.8	4201388.22	41982.4011	0.01499	0.01509	0.06742	0.0685	0.13043	0.12841	5.93E-05	9.03E-08	9.20E-08	6.58E-07	6.66E-07	4.57E-07	4.49E-07	6.0810E-05
607067.8	4201048.22	41927.03183	0.12127	0.12996	0.16575	0.16322	0.0529	0.05281	5.92E-05	7.30E-07	7.93E-07	1.62E-06	1.59E-06	1.85E-07	1.85E-07	6.3954E-05
606533.18	4201421.18	41917.38214	0.01273	0.01283	0.05932	0.06018	0.15869	0.15596	5.92E-05	7.67E-08	7.83E-08	5.79E-07	5.85E-07	5.56E-07	5.45E-07	6.0531E-05
607147.8	4200908.22	41878.9375	0.38148	0.36298	0.08743	0.07979	0.04128	0.04142	5.92E-05	2.30E-06	2.21E-06	8.54E-07	7.76E-07	1.45E-07	1.45E-07	6.5298E-05
606887.8	4201248.22	41868.09205	0.03038	0.03073	0.11263	0.11477	0.07909	0.07833	5.91E-05	1.83E-07	1.87E-07	1.10E-06	1.12E-06	2.77E-07	2.74E-07	6.1728E-05
607027.8	4201108.22	41858.72137	0.07057	0.07417	0.15901	0.16102	0.05888	0.05864	5.91E-05	4.25E-07	4.52E-07	1.55E-06	1.57E-06	2.06E-07	2.05E-07	6.3125E-05
606727.8	4201348.22	41853.33624	0.01787	0.01794	0.07838	0.07984	0.10763	0.10617	5.91E-05	1.08E-07	1.09E-07	7.65E-07	7.77E-07	3.77E-07	3.71E-07	6.0880E-05
607127.8	4200948.22	41814.59033	0.31133	0.30628	0.11699	0.10669	0.04429	0.04438	5.91E-05	1.87E-06	1.87E-06	1.14E-06	1.04E-06	1.55E-07	1.55E-07	6.4989E-05
606767.8	4201328.22	41810.0245	0.01987	0.01997	0.08504	0.08666	0.09972	0.09845	5.91E-05	1.20E-07	1.22E-07	8.30E-07	8.43E-07	3.49E-07	3.44E-07	6.0975E-05
607167.8	4200868.22	41772.40418	0.4335	0.40452	0.06643	0.06147	0.03844	0.03862	5.90E-05	2.61E-06	2.47E-06	6.49E-07	5.98E-07	1.35E-07	1.35E-07	6.5331E-05
606687.8	4201368.22	41680.35128	0.01678	0.01687	0.074	0.07529	0.11637	0.11467	5.89E-05	1.01E-07	1.03E-07	7.23E-07	7.32E-07	4.07E-07	4.01E-07	6.0535E-05
607107.8	4200988.22	41626.80261	0.22993	0.2365	0.14767	0.13779	0.04746	0.04748	5.88E-05	1.38E-06	1.44E-06	1.44E-06	1.34E-06	1.66E-07	1.66E-07	6.4410E-05
606807.8	4201308.22	41586.94965	0.02219	0.02232	0.09265	0.09444	0.09267	0.09156	5.87E-05	1.34E-07	1.36E-07	9.05E-07	9.19E-07	3.24E-07	3.20E-07	6.0838E-05
606587.8	4201408.22	41562.44226	0.01383	0.01393	0.06369	0.06468	0.14231	0.13996	5.87E-05	8.33E-08	8.50E-08	6.22E-07	6.29E-07	4.98E-07	4.89E-07	6.0129E-05
606867.8	4201268.22	41537.66857	0.0278	0.02803	0.10732	0.10937	0.08261	0.08175	5.87E-05	1.67E-07	1.71E-07	1.05E-06	1.06E-06	2.89E-07	2.86E-07	6.1125E-05
606553.18	4201421.18	41453.99134	0.01303	0.01311	0.06087	0.0618	0.1532	0.15056	5.86E-05	7.85E-08	8.00E-08	5.94E-07	6.01E-07	5.36E-07	5.26E-07	5.9911E-05
607047.8	4201088.22	41453.49074	0.08548	0.09076	0.16663	0.16773	0.05652	0.05632	5.86E-05	5.15E-07	5.54E-07	1.63E-06	1.63E-06	1.98E-07	1.97E-07	6.2883E-05
606647.8	4201388.22	41385.16721	0.01553	0.01562	0.06962	0.07077	0.12623	0.12427	5.85E-05	9.35E-08	9.53E-08	6.80E-07	6.88E-07	4.42E-07	4.34E-07	6.0017E-05
607087.8	4201028.22	41347.32875	0.15717	0.16748	0.16761	0.16209	0.05079	0.05073	5.84E-05	9.46E-07	1.02E-06	1.64E-06	1.58E-06	1.78E-07	1.77E-07	6.3587E-05
606967.8	4201188.22	41194.68725	0.04346	0.04438	0.13909	0.14203	0.06814	0.06763	5.82E-05	2.62E-07	2.71E-07	1.36E-06	1.38E-06	2.39E-07	2.36E-07	6.1463E-05
606987.8	4201168.22	41162.09826	0.04897	0.05023	0.14663	0.1496	0.06538	0.06495	5.81E-05	2.95E-07	3.06E-07	1.43E-06	1.45E-06	2.29E-07	2.27E-07	6.1633E-05
606847.8	4201288.22	41142.05591	0.02551	0.02543	0.10235	0.10447	0.08631	0.08534	5.81E-05	1.54E-07	1.55E-07	1.00E-06	1.02E-06	3.02E-07	2.98E-07	6.0440E-05
606947.8	4201208.22	41136.78968	0.03898	0.03966	0.13193	0.13469	0.07103	0.07045	5.81E-05	2.35E-07	2.42E-07	1.29E-06	1.31E-06	2.49E-07	2.46E-07	6.1184E-05
606747.8	4201348.22	41118.90725	0.01861	0.01868	0.08142	0.08298	0.10453	0.10309	5.81E-05	1.12E-07	1.14E-07	7.95E-07	8.07E-07	3.66E-07	3.60E-07	5.9912E-05
607147.8	4200928.22	41089.89119	0.37519	0.36022	0.10177	0.0924	0.04255	0.04266	5.80E-05	2.26E-06	2.20E-06	9.94E-07	8.99E-07	1.49E-07	1.49E-07	6.4392E-05
607167.8	4200888.22	41068.73739	0.43871	0.41068	0.07569	0.06952	0.03967	0.03982	5.80E-05	2.64E-06	2.51E-06	7.39E-07	6.76E-07	1.39E-07	1.39E-07	6.4575E-05
606707.8	4201368.22	41027.9057	0.01732	0.01735	0.07652	0.07789	0.11288	0.11122	5.80E-05	1.04E-07	1.06E-07	7.47E-07	7.58E-07	3.95E-07	3.89E-07	5.9670E-05
607007.8	4201148.22	41026.78595	0.05596	0.05778	0.15449	0.15744	0.06276	0.06239	5.80E-05	3.37E-07	3.52E-07	1.51E-06	1.53E-06	2.20E-07	2.18E-07	6.1683E-05
606607.8	4201408.22	41021.71584	0.01428	0.01438	0.06561	0.06665	0.1375	0.13522	5.79E-05	8.60E-08	8.77E-08	6.41E-07	6.48E-07	4.81E-07	4.73E-07	5.9409E-05
606927.8	4201228.22	41000.31392	0.03523	0.03574	0.12514	0.1277	0.07407	0.0734	5.79E-05	2.12E-07	2.18E-07	1.22E-06	1.24E-06	2.59E-07	2.57E-07	6.0810E-05
606787.8	4201328.22	40991.04889	0.0208	0.02089	0.08873	0.09046	0.09696	0.09571	5.79E-05	1.25E-07	1.27E-07	8.67E-07	8.80E-07	3.39E-07	3.34E-07	5.9902E-05
607067.8	4201068.22	40974.63429	0.10669	0.11432	0.17373	0.17314	0.05426	0.05411	5.79E-05	6.42E-07	6.97E-07	1.70E-06	1.68E-06	1.90E-07	1.89E-07	6.2600E-05
607127.8	4200968.22	40969.06118	0.29269	0.29283	0.1355	0.12405	0.04559	0.04564	5.79E-05	1.76E-06	1.79E-06	1.32E-06	1.21E-06	1.60E-07	1.59E-07	6.3950E-05
606573.18	4201421.18	40957.03408	0.01341	0.01349	0.06256	0.06352	0.14786	0.1453	5.79E-05	8.07E-08	8.23E-08	6.11E-07	6.18E-07	5.18E-07	5.08E-07	5.9247E-05
607187.8	4200848.22	40866.82242	0.48374	0.44686	0.05904	0.0551	0.03695	0.03714	5.77E-05	2.91E-06	2.73E-06	5.77E-07	5.36E-07	1.29E-07	1.30E-07	6.4478E-05
607027.8	4201128.22	40791.92875	0.06497	0.06767	0.16258	0.16536	0.06026	0.05995	5.76E-05	3.91E-07	4.13E-07	1.59E-06	1.61E-06	2.11E-07	2.10E-07	6.1622E-05
606907.8	4201248.22	40785.38232	0.03215	0.03254	0.11887	0.12125	0.07725	0.07649	5.76E-05	1.94E-07	1.98E-07	1.16E-06	1.18E-06	2.70E-07	2.67E-07	6.0345E-05
606667.8	4201388.22	40781.24907	0.01609	0.0162	0.07194	0.07317	0.12221	0.1203	5.76E-05	9.69E-08	9.88E-08	7.03E-07	7.12E-07	4.28E-07	4.20E-07	5.9216E-05
607107.8	4201008.22	40746.80978	0.20605	0.21588	0.16481	0.15585	0.04878	0.04876	5.76E-05	1.24E-06	1.32E-06	1.61E-06	1.52E-06	1.71E-07	1.70E-07	6.3241E-05
606827.8	4201308.22	40686.54817	0.02335	0.02347	0.09707	0.09897	0.09022	0.08912	5.75E-05	1.41E-07	1.43E-07	9.48E-07	9.63E-07	3.16E-07	3.11E-07	5.9667E-05
606887.8	4201268.22	40512.06391	0.02944	0.02972	0.11291	0.11512	0.0806	0.07974	5.72E-05	1.77E-07	1.81E-07	1.10E-06	1.12E-06	2.82E-07	2.79E-07	5.9807E-05
606627.8	4201408.22	40464.78436	0.0148	0.01489	0.06771	0.06881	0.13288	0.13066	5.72E-05	8.91E-08	9.08E-08	6.61E-07	6.69E-07	4.65E-07	4.57E-07	5.8670E-05
607047.8	4201108.22	40457.47033	0.07729	0.08132	0.17126	0.17358	0.05787	0.05761	5.71E-05	4.65E-07	4.96E-07	1.67E-06	1.69E-06	2.03E-07	2.01E-07	6.1471E-05
606593.18	4201421.18	40457.026	0.01379	0.01388	0.06431	0.06533	0.14278	0.1403	5.71E-05	8.30E-08	8.47E-08	6.28E-07	6.35E-07	5.00E-07	4.90E-07	5.8580E-05
607087.8	4201048.22	40445.96869	0.13734	0.14756	0.17907	0.17575	0.05212	0.05201	5.71E-05	8.27E-07	9.00E-07	1.75E-06	1.71E-06	1.82E-07	1.82E-07	6.2318E-05
606727.8	4201368.22	40372.75052	0.01766	0.01771	0.07861	0.0801	0.10954	0.10792	5.70E-05	1.06E-07	1.08E-07	7.68E-07	7.79E-07	3.84E-07	3.77E-07	5.8791E-05
606767.8	4201348.22	40361.91255	0.0195	0.01957	0.08494	0.0866	0.10151	0.1001	5.70E-05	1.17E-07	1.19E-07	8.29E-07	8.42E-07	3.55E-07	3.50E-07	5.8923E-05
607167.8	4200908.22	40346.7841	0.44044	0.41444	0.08742	0.07968	0.0409	0.04102	5.70E-05	2.65E-06	2.53E-06	8.54E-07	7.75E-07	1.43E-07	1.43E-07	6.3802E-05
607147.8	4200948.22	40299.981	0.36295	0.35286	0.11928	0.10799	0.04381	0.04388	5.69E-05	2.19E-06	2.15E-06	1.16E-06	1.05E-06	1.53E-07	1.53E-07	6.3480E-05
607187.8	4200868.22	40234.12324	0.49695	0.45919	0.06644	0.06158	0.03814	0.0383	5.68E-05	2.99E-06	2.80E-06	6.49E-07	5.99E-07	1.34E-07	1.34E-07	6.3875E-05
606867.8	4201288.22	40180.32147	0.027	0.02717	0.1075	0.10962	0.08413	0.08317	5.68E-05	1.63E-07	1.66E-07	1.05E-06	1.07E-06	2.95E-07	2.91E-07	5.9202E-05
606687.8	4201388.22	40176.25416	0.01667	0.01677	0.07443	0.07575	0.11838	0.11652	5.68E-05	1.00E-07	1.02E-07	7.27E-07	7.37E-07	4.14E-07	4.07E-07	5.8418E-05
606807.8	4201328.22	40168.72803	0.02179	0.02187	0.09265	0.09448	0.09431	0.09308	5.67E-05	1.31E-07	1.33E-07	9.05E-07	9.19E-07	3.30E-07	3.25E-07	5.8830E-05
607127.8	4200988.22	40134.21307	0.26906	0.27459	0.15572	0.14383	0.04687	0.04688	5.67E-05	1.62E-06	1.68E-06	1.52E-06	1.40E-06	1.64E-07	1.64E-07	6.2907E-05
607067.8	4201088.22	40041.99123	0.09459	0.10071	0.18014	0.18136	0.05559	0.05538	5.66E-05	5.70E-07	6.14E-07	1.76E-06	1.76E-06	1.95E-07	1.94E-07	6.1269E-05
606987.8	4201188.22	39992.56034	0.04657	0.04754	0.14843	0.15174	0.06674	0.06622	5.65E-05	2.80E-07	2.90E-07	1.45E-06	1.48E-06	2.34E-07	2.31E-07	5.9988E-05
606967.8	4201208.22	39981.13677	0.0416	0.04231	0.1404	0.14352	0.0695	0.06892	5.65E-05	2.50E-07	2.58E-07	1.37E-06	1.40E-06	2.43E-07	2.41E-07	5.9752E-05
606613.18	4201421.18	39940.29084	0.01425	0.01433	0.06623	0.06731	0.13789	0.13548	5.64E-05	8.58E-08	8.74E-08	6.47E-07	6.55E-07	4.83E-07	4.73E-07	5.7893E-05
607007.8	4201168.22	39915.84061	0.05271	0.05408	0.15685	0.16021	0.0641	0.06365	5.64E-05	3.17E-07	3.30E-07	1.53E-06	1.56E-06	2.24E-07	2.22E-07	6.0121E-05
606647.8	4201408.22	39899.7169	0.01534	0.01543	0.06994	0.07112	0.12845	0.1263	5.64E-05	9.24E-08	9.41E-08	6.83E-07	6.92E-07	4.50E-07	4.41E-07	5.7922E-05
606947.8	4201228.22	39890.87675	0.03749	0.03801	0.13282	0.13572	0.07241	0.07174	5.63E-05	2.26E-07	2.32E-07	1.30E-06	1.32E-06	2.54E-07	2.51E-07	5.9423E-05
607107.8	4201028.22	39888.01189	0.18119	0.19296	0.18075	0.17365	0.05008	0.05	5.63E-05	1.09E-06	1.18E-06	1.77E-06	1.69E-06	1.75E-07	1.75E-07	6.2067E-05
606847.8	4201308.22	39788.50074	0.02462	0.02473	0.10209	0.1044	0.08784	0.08676	5.62E-05	1.48E-07	1.51E-07	9.97E-07	1.02E-06	3.08E-07	3.03E-07	5.8516E-05
607027.8	4201148.22	39742.85348	0.06056	0.06256	0.16573	0.16912	0.06157	0.06119	5.61E-05	3.65E-07	3.82E-07	1.62E-06	1.64E-06	2.16E-07	2.14E-07	6.0149E-05
606927.8	4201248.22	39726.07358	0.0341	0.0345	0.12581	0.12848	0.07545	0.07469	5.61E-05	2.05E-07	2.10E-07	1.23E-06	1.25E-06	2.64E-07	2.61E-07	5.9010E-05
606747.8	4201368.22	39698.94449	0.01834	0.01838	0.08145	0.08304	0.10631	0.10473	5.61E-05	1.10E-07	1.12E-07	7.95E-07	8.08E-07	3.72E-07	3.66E-07	5.7903E-05
607167.8	4200928.22	39613.05854	0.4375	0.41485	0.10236	0.09262	0.04212	0.0422	5.60E-05	2.63E-06	2.53E-06	1.00E-06	9.01E-07	1.47E-07	1.47E-07	6.3022E-05
606787.8	4201348.22	39598.64987	0.02044	0.02049	0.08867	0.09043	0.09861	0.09723	5.59E-05	1.23E-07	1.25E-07	8.66E-07	8.80E-07	3.45E-07	3.40E-07	5.7930E-05
607187.8	4200888.22	39579.78787	0.50735	0.4697	0.07567	0.06959	0.03932	0.03946	5.59E-05	3.05E-06	2.87E-06	7.39E-07	6.77E-07	1.38E-07	1.38E-07	6.3245E-05
606707.8	4201388.22	39568.22589	0.01727	0.01736	0.07702	0.07843	0.11472	0.11291	5.59E-05	1.04E-07	1.06E-07	7.52E-07	7.63E-07	4.02E-07	3.95E-07	5.7618E-05
607087.8	4201068.22	39564.71208	0.11991	0.12893	0.18848	0.18757	0.05342	0.05325	5.59E-05	7.22E-07	7.86E-07	1.84E-06	1.82E-06	1.87E-07	1.86E-07	6.1061E-05
607147.8	4200968.22	39512.04042	0.34443	0.34056	0.14025	0.12715	0.04506	0.04508	5.58E-05	2.07E-06	2.08E-06	1.37E-06	1.24E-06	1.58E-07	1.58E-07	6.2571E-05
606907.8	4201268.22	39504.88463	0.03115	0.03145	0.11917	0.12163	0.07865	0.0778	5.58E-05	1.88E-07	1.92E-07	1.16E-06	1.18E-06	2.75E-07	2.72E-07	5.8530E-05
607047.8	4201128.22	39475.30087	0.07093	0.0739	0.17527	0.17851	0.05917	0.05884	5.58E-05	4.27E-07	4.51E-07	1.71E-06	1.74E-06	2.07E-07	2.06E-07	6.0087E-05
606633.18	4201421.18	39395.72478	0.01479	0.01486	0.06841	0.06956	0.13315	0.13082	5.56E-05	8.91E-08	9.06E-08	6.68E-07	6.77E-07	4.66E-07	4.57E-07	5.7174E-05
607207.8	4200848.22	39381.27565	0.55629	0.50873	0.05937	0.0555	0.03668	0.03685	5.56E-05	3.35E-06	3.10E-06	5.80E-07	5.40E-07	1.28E-07	1.29E-07	6.3201E-05
606667.8	4201408.22	39343.87976	0.01588	0.01596	0.07222	0.07348	0.12427	0.12218	5.56E-05	9.56E-08	9.74E-08	7.05E-07	7.15E-07	4.35E-07	4.27E-07	5.7189E-05
606827.8	4201328.22	39338.3968	0.02288	0.02295	0.09694	0.09893	0.09174	0.09053	5.56E-05	1.38E-07	1.40E-07	9.47E-07	9.62E-07	3.21E-07	3.16E-07	5.7755E-05
607127.8	4201008.22	39315.14327	0.24143	0.25171	0.17637	0.16515	0.04813	0.04809	5.55E-05	1.45E-06	1.54E-06	1.72E-06	1.61E-06	1.69E-07	1.68E-07	6.1853E-05
606887.8	4201288.22	39227.73622	0.02857	0.02877	0.11309	0.11541	0.08202	0.08106	5.54E-05	1.72E-07	1.75E-07	1.10E-06	1.12E-06	2.87E-07	2.83E-07	5.7986E-05
607067.8	4201108.22	39121.98738	0.08518	0.08978	0.18551	0.18822	0.05687	0.0566	5.53E-05	5.13E-07	5.48E-07	1.81E-06	1.83E-06	1.99E-07	1.98E-07	5.9965E-05
607107.8	4201048.22	39051.00642	0.15725	0.16931	0.19455	0.19011	0.05134	0.05122	5.52E-05	9.47E-07	1.03E-06	1.90E-06	1.85E-06	1.80E-07	1.79E-07	6.0891E-05
606767.8	4201368.22	39000.19335	0.01917	0.0192	0.0848	0.08649	0.10317	0.10163	5.51E-05	1.15E-07	1.17E-07	8.28E-07	8.41E-07	3.61E-07	3.55E-07	5.6993E-05
606727.8	4201388.22	38961.069	0.01787	0.01794	0.07966	0.08117	0.11124	0.10947	5.50E-05	1.08E-07	1.09E-07	7.78E-07	7.89E-07	3.89E-07	3.83E-07	5.6820E-05
607187.8	4200908.22	38909.9351	0.51382	0.47755	0.08741	0.07967	0.04051	0.04061	5.50E-05	3.09E-06	2.91E-06	8.54E-07	7.75E-07	1.42E-07	1.42E-07	6.2599E-05
606867.8	4201308.22	38892.56869	0.02633	0.02643	0.10761	0.10976	0.08555	0.08448	5.49E-05	1.59E-07	1.61E-07	1.05E-06	1.07E-06	3.00E-07	2.95E-07	5.7377E-05
607167.8	4200948.22	38876.51595	0.42803	0.41048	0.1212	0.10906	0.04333	0.04338	5.49E-05	2.58E-06	2.50E-06	1.18E-06	1.06E-06	1.52E-07	1.52E-07	6.2242E-05
606987.8	4201208.22	38860.743	0.04455	0.04528	0.14993	0.15343	0.06802	0.06743	5.49E-05	2.68E-07	2.76E-07	1.46E-06	1.49E-06	2.38E-07	2.36E-07	5.8395E-05
606653.18	4201421.18	38838.25991	0.01537	0.01546	0.07076	0.072	0.1286	0.12634	5.49E-05	9.25E-08	9.43E-08	6.91E-07	7.00E-07	4.50E-07	4.42E-07	5.6440E-05
607007.8	4201188.22	38830.92682	0.05009	0.05112	0.15888	0.16262	0.06537	0.06485	5.49E-05	3.02E-07	3.12E-07	1.55E-06	1.58E-06	2.29E-07	2.27E-07	5.8598E-05
606807.8	4201348.22	38825.84019	0.02149	0.02153	0.09296	0.0951	0.09581	0.09446	5.48E-05	1.29E-07	1.31E-07	9.08E-07	9.25E-07	3.35E-07	3.30E-07	5.6938E-05
606967.8	4201228.22	38812.01945	0.04003	0.04056	0.14142	0.14475	0.07079	0.07013	5.48E-05	2.41E-07	2.47E-07	1.38E-06	1.41E-06	2.48E-07	2.45E-07	5.8102E-05
607207.8	4200868.22	38795.57671	0.57552	0.52578	0.06658	0.06182	0.03783	0.03797	5.48E-05	3.47E-06	3.21E-06	6.50E-07	6.01E-07	1.32E-07	1.33E-07	6.2726E-05
606687.8	4201408.22	38784.69552	0.01644	0.01651	0.07463	0.07598	0.12028	0.11825	5.48E-05	9.90E-08	1.01E-07	7.29E-07	7.39E-07	4.21E-07	4.13E-07	5.6454E-05
607147.8	4200988.22	38733.74541	0.31888	0.32211	0.16403	0.14975	0.04628	0.04627	5.47E-05	1.92E-06	1.96E-06	1.60E-06	1.46E-06	1.62E-07	1.62E-07	6.1658E-05
607027.8	4201168.22	38715.43431	0.05699	0.05845	0.16844	0.17227	0.06283	0.06238	5.47E-05	3.43E-07	3.57E-07	1.64E-06	1.68E-06	2.20E-07	2.18E-07	5.8709E-05
607087.8	4201088.22	38700.06851	0.10569	0.11287	0.19606	0.19743	0.05467	0.05444	5.47E-05	6.36E-07	6.89E-07	1.91E-06	1.92E-06	1.91E-07	1.90E-07	5.9826E-05
606947.8	4201248.22	38696.72389	0.03623	0.03661	0.13346	0.13647	0.07371	0.07296	5.47E-05	2.18E-07	2.23E-07	1.30E-06	1.33E-06	2.58E-07	2.55E-07	5.7734E-05
606927.8	4201268.22	38518.29685	0.03304	0.03332	0.12613	0.12888	0.07676	0.07591	5.44E-05	1.99E-07	2.03E-07	1.23E-06	1.25E-06	2.69E-07	2.65E-07	5.7297E-05
607127.8	4201028.22	38515.16041	0.21169	0.22513	0.19587	0.18665	0.04937	0.04928	5.44E-05	1.27E-06	1.37E-06	1.91E-06	1.82E-06	1.73E-07	1.72E-07	6.0782E-05
607047.8	4201148.22	38508.41473	0.06595	0.06809	0.17877	0.1827	0.06041	0.06002	5.44E-05	3.97E-07	4.15E-07	1.75E-06	1.78E-06	2.12E-07	2.10E-07	5.8731E-05
606847.8	4201328.22	38504.28695	0.02411	0.02417	0.10191	0.10429	0.08926	0.08807	5.44E-05	1.45E-07	1.47E-07	9.95E-07	1.01E-06	3.13E-07	3.08E-07	5.6692E-05
606747.8	4201388.22	38354.49423	0.01814	0.01816	0.08163	0.08325	0.10793	0.1062	5.42E-05	1.09E-07	1.11E-07	7.97E-07	8.10E-07	3.78E-07	3.71E-07	5.6005E-05
606673.18	4201421.18	38298.64322	0.01593	0.01601	0.07313	0.07445	0.12433	0.12215	5.41E-05	9.59E-08	9.77E-08	7.14E-07	7.24E-07	4.35E-07	4.27E-07	5.5731E-05
606907.8	4201288.22	38286.92351	0.03027	0.03048	0.1193	0.12181	0.07996	0.07902	5.41E-05	1.82E-07	1.86E-07	1.17E-06	1.18E-06	2.80E-07	2.76E-07	5.6801E-05
606787.8	4201368.22	38283.94232	0.02013	0.02015	0.08865	0.09056	0.10012	0.09861	5.41E-05	1.21E-07	1.23E-07	8.66E-07	8.81E-07	3.51E-07	3.45E-07	5.6070E-05
607107.8	4201068.22	38231.25007	0.1363	0.14706	0.20589	0.2045	0.05257	0.05239	5.40E-05	8.21E-07	8.97E-07	2.01E-06	1.99E-06	1.84E-07	1.83E-07	5.9722E-05
607187.8	4200928.22	38229.1611	0.51522	0.48181	0.10259	0.09264	0.04168	0.04175	5.40E-05	3.10E-06	2.94E-06	1.00E-06	9.01E-07	1.46E-07	1.46E-07	6.1946E-05
607067.8	4201128.22	38216.72821	0.07787	0.08118	0.18999	0.19382	0.05809	0.05776	5.40E-05	4.69E-07	4.95E-07	1.86E-06	1.89E-06	2.03E-07	2.02E-07	5.8688E-05
606707.8	4201408.22	38211.13456	0.01705	0.01712	0.07727	0.0787	0.11645	0.11447	5.40E-05	1.03E-07	1.04E-07	7.55E-07	7.65E-07	4.08E-07	4.00E-07	5.5703E-05
607207.8	4200888.22	38187.00897	0.59291	0.54203	0.07572	0.06975	0.03897	0.03909	5.39E-05	3.57E-06	3.31E-06	7.39E-07	6.78E-07	1.36E-07	1.37E-07	6.2236E-05
607167.8	4200968.22	38144.26164	0.41015	0.39981	0.14448	0.12973	0.04452	0.04453	5.39E-05	2.47E-06	2.44E-06	1.41E-06	1.26E-06	1.56E-07	1.56E-07	6.1463E-05
606827.8	4201348.22	38058.33762	0.02253	0.02256	0.09714	0.09941	0.09314	0.09181	5.38E-05	1.36E-07	1.38E-07	9.49E-07	9.67E-07	3.26E-07	3.21E-07	5.5949E-05
606887.8	4201308.22	38006.8643	0.02781	0.02794	0.11314	0.11546	0.08333	0.08228	5.37E-05	1.67E-07	1.70E-07	1.10E-06	1.12E-06	2.92E-07	2.88E-07	5.6253E-05
607227.8	4200848.22	37993.42726	0.64634	0.58449	0.0597	0.05577	0.0364	0.03656	5.37E-05	3.89E-06	3.57E-06	5.83E-07	5.42E-07	1.27E-07	1.28E-07	6.2251E-05
607147.8	4201008.22	37969.55445	0.28712	0.29719	0.18915	0.17502	0.04749	0.04743	5.36E-05	1.73E-06	1.81E-06	1.85E-06	1.70E-06	1.66E-07	1.66E-07	6.0726E-05
607087.8	4201108.22	37851.70956	0.09451	0.09981	0.2021	0.20533	0.05588	0.0556	5.35E-05	5.69E-07	6.09E-07	1.97E-06	2.00E-06	1.96E-07	1.94E-07	5.8617E-05
607007.8	4201208.22	37776.10999	0.0479	0.04864	0.16063	0.16463	0.06656	0.06598	5.34E-05	2.88E-07	2.97E-07	1.57E-06	1.60E-06	2.33E-07	2.31E-07	5.7116E-05
606693.18	4201421.18	37769.76458	0.01647	0.01654	0.07557	0.07694	0.12031	0.11819	5.34E-05	9.92E-08	1.01E-07	7.38E-07	7.48E-07	4.21E-07	4.13E-07	5.5039E-05
606987.8	4201228.22	37766.99298	0.04285	0.04338	0.15105	0.15479	0.06922	0.06856	5.33E-05	2.58E-07	2.65E-07	1.48E-06	1.51E-06	2.42E-07	2.40E-07	5.6852E-05
607127.8	4201048.22	37735.43137	0.18242	0.1968	0.2128	0.2068	0.05057	0.05043	5.33E-05	1.10E-06	1.20E-06	2.08E-06	2.01E-06	1.77E-07	1.76E-07	5.9692E-05
606767.8	4201388.22	37710.24313	0.01891	0.01892	0.0848	0.08653	0.10467	0.10299	5.33E-05	1.14E-07	1.15E-07	8.28E-07	8.42E-07	3.66E-07	3.60E-07	5.5167E-05
607027.8	4201188.22	37707.06964	0.05415	0.0552	0.17088	0.17514	0.06402	0.0635	5.33E-05	3.26E-07	3.37E-07	1.67E-06	1.70E-06	2.24E-07	2.22E-07	5.7299E-05
606967.8	4201248.22	37692.12357	0.03863	0.039	0.14211	0.14556	0.07201	0.07126	5.32E-05	2.33E-07	2.38E-07	1.39E-06	1.42E-06	2.52E-07	2.49E-07	5.6517E-05
606867.8	4201328.22	37671.9849	0.02571	0.02574	0.10746	0.10968	0.08686	0.08569	5.32E-05	1.55E-07	1.57E-07	1.05E-06	1.07E-06	3.04E-07	2.99E-07	5.5642E-05
606727.8	4201408.22	37633.59431	0.01769	0.01776	0.08005	0.08159	0.11279	0.11087	5.32E-05	1.07E-07	1.08E-07	7.82E-07	7.94E-07	3.95E-07	3.87E-07	5.4950E-05
606807.8	4201368.22	37564.51594	0.02135	0.02131	0.09321	0.09512	0.0972	0.09573	5.31E-05	1.29E-07	1.30E-07	9.10E-07	9.25E-07	3.40E-07	3.35E-07	5.5157E-05
607207.8	4200908.22	37561.53982	0.60707	0.55633	0.08749	0.07985	0.04011	0.04019	5.31E-05	3.66E-06	3.39E-06	8.54E-07	7.77E-07	1.40E-07	1.40E-07	6.1738E-05
607047.8	4201168.22	37556.23793	0.06202	0.06356	0.18191	0.18637	0.06159	0.06113	5.31E-05	3.73E-07	3.88E-07	1.78E-06	1.81E-06	2.16E-07	2.14E-07	5.7401E-05
606947.8	4201268.22	37554.2457	0.03513	0.03539	0.13391	0.137	0.07492	0.07409	5.30E-05	2.12E-07	2.16E-07	1.31E-06	1.33E-06	2.62E-07	2.59E-07	5.6116E-05
607187.8	4200948.22	37541.88456	0.51022	0.48166	0.12246	0.10966	0.04284	0.04287	5.30E-05	3.07E-06	2.94E-06	1.20E-06	1.07E-06	1.50E-07	1.50E-07	6.1303E-05
607227.8	4200868.22	37445.71006	0.67607	0.6095	0.06699	0.06226	0.03751	0.03764	5.29E-05	4.07E-06	3.72E-06	6.54E-07	6.06E-07	1.31E-07	1.32E-07	6.1943E-05
607107.8	4201088.22	37429.82903	0.11905	0.12758	0.21472	0.21625	0.05376	0.05352	5.29E-05	7.17E-07	7.78E-07	2.10E-06	2.10E-06	1.88E-07	1.87E-07	5.8568E-05
607167.8	4200988.22	37417.49499	0.38342	0.38214	0.17231	0.15534	0.04569	0.04566	5.29E-05	2.31E-06	2.33E-06	1.68E-06	1.51E-06	1.60E-07	1.60E-07	6.0688E-05
606927.8	4201288.22	37363.82174	0.03213	0.03232	0.12631	0.12912	0.07797	0.07704	5.28E-05	1.93E-07	1.97E-07	1.23E-06	1.26E-06	2.73E-07	2.69E-07	5.5659E-05
607067.8	4201148.22	37324.56701	0.07219	0.07452	0.19388	0.19851	0.05927	0.05887	5.27E-05	4.35E-07	4.55E-07	1.89E-06	1.93E-06	2.08E-07	2.06E-07	5.7437E-05
606847.8	4201348.22	37286.46124	0.02384	0.02371	0.1018	0.1042	0.09055	0.08926	5.27E-05	1.44E-07	1.45E-07	9.94E-07	1.01E-06	3.17E-07	3.12E-07	5.4966E-05
607147.8	4201028.22	37221.95761	0.25144	0.2666	0.21345	0.20132	0.04866	0.04855	5.26E-05	1.51E-06	1.63E-06	2.08E-06	1.96E-06	1.70E-07	1.70E-07	5.9762E-05
606713.18	4201421.18	37220.98016	0.0171	0.01715	0.07821	0.07971	0.11643	0.11438	5.26E-05	1.03E-07	1.05E-07	7.64E-07	7.75E-07	4.08E-07	4.00E-07	5.4324E-05
606907.8	4201308.22	37129.25556	0.02949	0.02962	0.11924	0.1218	0.08118	0.08015	5.24E-05	1.78E-07	1.81E-07	1.16E-06	1.18E-06	2.84E-07	2.80E-07	5.5155E-05
606747.8	4201408.22	37057.94694	0.01835	0.01839	0.08288	0.08454	0.10931	0.10745	5.23E-05	1.10E-07	1.12E-07	8.09E-07	8.22E-07	3.83E-07	3.75E-07	5.4201E-05
606787.8	4201388.22	37040.25929	0.02004	0.0199	0.08895	0.09096	0.10149	0.09986	5.23E-05	1.21E-07	1.21E-07	8.69E-07	8.85E-07	3.55E-07	3.49E-07	5.4317E-05
607087.8	4201128.22	37013.12917	0.08614	0.08986	0.20731	0.21191	0.05704	0.05669	5.23E-05	5.19E-07	5.48E-07	2.02E-06	2.06E-06	2.00E-07	1.98E-07	5.7436E-05
607127.8	4201068.22	36971.66558	0.15665	0.16965	0.22655	0.22446	0.05174	0.05154	5.22E-05	9.43E-07	1.03E-06	2.21E-06	2.18E-06	1.81E-07	1.80E-07	5.8599E-05
607207.8	4200928.22	36926.83376	0.61553	0.56661	0.10278	0.09282	0.04124	0.04129	5.22E-05	3.71E-06	3.46E-06	1.00E-06	9.03E-07	1.44E-07	1.44E-07	6.1231E-05
607227.8	4200888.22	36878.31642	0.70387	0.63389	0.07606	0.07018	0.03861	0.03871	5.21E-05	4.24E-06	3.87E-06	7.43E-07	6.83E-07	1.35E-07	1.35E-07	6.1624E-05
607187.8	4200968.22	36857.35838	0.49534	0.47458	0.14805	0.13177	0.04398	0.04398	5.21E-05	2.98E-06	2.89E-06	1.45E-06	1.28E-06	1.54E-07	1.54E-07	6.0669E-05
606827.8	4201368.22	36847.07521	0.02241	0.02241	0.09748	0.09948	0.09441	0.09297	5.20E-05	1.35E-07	1.37E-07	9.52E-07	9.68E-07	3.31E-07	3.25E-07	5.4240E-05
606887.8	4201328.22	36843.9159	0.0272	0.02727	0.11306	0.11544	0.08454	0.08339	5.20E-05	1.64E-07	1.66E-07	1.10E-06	1.12E-06	2.96E-07	2.91E-07	5.4602E-05
607007.8	4201228.22	36750.84139	0.04609	0.0466	0.16206	0.16635	0.06769	0.06703	5.19E-05	2.78E-07	2.84E-07	1.58E-06	1.62E-06	2.37E-07	2.34E-07	5.5676E-05
607027.8	4201208.22	36722.48929	0.0518	0.05254	0.17298	0.17758	0.06514	0.06455	5.19E-05	3.12E-07	3.20E-07	1.69E-06	1.73E-06	2.28E-07	2.26E-07	5.5922E-05
606987.8	4201248.22	36713.90946	0.04136	0.04172	0.15181	0.15575	0.07036	0.06961	5.19E-05	2.49E-07	2.54E-07	1.48E-06	1.51E-06	2.46E-07	2.43E-07	5.5362E-05
607167.8	4201008.22	36702.77409	0.34743	0.35588	0.2031	0.1853	0.04684	0.04677	5.18E-05	2.09E-06	2.17E-06	1.98E-06	1.80E-06	1.64E-07	1.63E-07	5.9894E-05
606727.8	4201423.25	36689.70065	0.01755	0.01759	0.0803	0.08185	0.11385	0.11183	5.18E-05	1.06E-07	1.07E-07	7.84E-07	7.96E-07	3.99E-07	3.91E-07	5.3620E-05
607107.8	4201108.22	36642.3143	0.10581	0.11197	0.22176	0.22567	0.05491	0.05461	5.18E-05	6.37E-07	6.83E-07	2.17E-06	2.19E-06	1.92E-07	1.91E-07	5.7441E-05
607047.8	4201188.22	36621.85026	0.05882	0.05991	0.18466	0.18956	0.06271	0.06218	5.17E-05	3.54E-07	3.65E-07	1.80E-06	1.84E-06	2.20E-07	2.17E-07	5.6098E-05
606967.8	4201268.22	36614.11027	0.03747	0.03771	0.14263	0.14613	0.07314	0.07231	5.17E-05	2.26E-07	2.30E-07	1.39E-06	1.42E-06	2.56E-07	2.53E-07	5.4990E-05
606867.8	4201348.22	36510.95075	0.02522	0.02522	0.10725	0.1095	0.08805	0.08678	5.16E-05	1.52E-07	1.54E-07	1.05E-06	1.06E-06	3.08E-07	3.03E-07	5.3992E-05
607147.8	4201048.22	36493.64103	0.21508	0.23233	0.23461	0.22635	0.04981	0.04965	5.15E-05	1.30E-06	1.42E-06	2.29E-06	2.20E-06	1.74E-07	1.74E-07	5.8755E-05
606767.8	4201408.22	36480.56682	0.01893	0.01889	0.08557	0.08732	0.10599	0.10418	5.15E-05	1.14E-07	1.15E-07	8.36E-07	8.49E-07	3.71E-07	3.64E-07	5.3446E-05
606947.8	4201288.22	36460.18446	0.0342	0.03435	0.13415	0.13731	0.07604	0.07513	5.15E-05	2.06E-07	2.10E-07	1.31E-06	1.34E-06	2.66E-07	2.63E-07	5.4564E-05
607067.8	4201168.22	36443.59974	0.06776	0.0694	0.19742	0.20264	0.06038	0.05992	5.15E-05	4.08E-07	4.23E-07	1.93E-06	1.97E-06	2.11E-07	2.09E-07	5.6209E-05
606807.8	4201388.22	36373.51082	0.02103	0.021	0.0931	0.09503	0.09847	0.09688	5.14E-05	1.27E-07	1.28E-07	9.09E-07	9.24E-07	3.45E-07	3.39E-07	5.3468E-05
607227.8	4200908.22	36295.75233	0.72831	0.65653	0.08768	0.08017	0.03971	0.03978	5.13E-05	4.39E-06	4.00E-06	8.56E-07	7.80E-07	1.39E-07	1.39E-07	6.1297E-05
607207.8	4200948.22	36287.12956	0.61665	0.57174	0.12315	0.10997	0.04235	0.04236	5.13E-05	3.71E-06	3.49E-06	1.20E-06	1.07E-06	1.48E-07	1.48E-07	6.0731E-05
606927.8	4201308.22	36266.39123	0.03131	0.0314	0.1262	0.12906	0.0791	0.07809	5.12E-05	1.89E-07	1.92E-07	1.23E-06	1.26E-06	2.77E-07	2.73E-07	5.4097E-05
607127.8	4201088.22	36224.08293	0.1357	0.14591	0.23717	0.23891	0.05287	0.05262	5.12E-05	8.17E-07	8.90E-07	2.32E-06	2.32E-06	1.85E-07	1.84E-07	5.7516E-05
607087.8	4201148.22	36188.12382	0.07961	0.08217	0.2117	0.21725	0.05814	0.05774	5.11E-05	4.79E-07	5.01E-07	2.07E-06	2.11E-06	2.04E-07	2.02E-07	5.6279E-05
607187.8	4200988.22	36178.32429	0.4687	0.45905	0.18019	0.16033	0.04511	0.04506	5.11E-05	2.82E-06	2.80E-06	1.76E-06	1.56E-06	1.58E-07	1.57E-07	6.0046E-05
606747.8	4201423.25	36138.45658	0.01822	0.01826	0.0832	0.08488	0.11026	0.1083	5.10E-05	1.10E-07	1.11E-07	8.13E-07	8.26E-07	3.86E-07	3.78E-07	5.2907E-05
606847.8	4201368.22	36123.9375	0.02359	0.02359	0.10215	0.10429	0.09171	0.09031	5.10E-05	1.42E-07	1.44E-07	9.98E-07	1.01E-06	3.21E-07	3.16E-07	5.3326E-05
606907.8	4201328.22	36026.34236	0.02883	0.02886	0.11913	0.12173	0.0823	0.08118	5.09E-05	1.74E-07	1.76E-07	1.16E-06	1.18E-06	2.88E-07	2.84E-07	5.3587E-05
607167.8	4201028.22	36003.58545	0.3042	0.32085	0.23387	0.2177	0.04796	0.04784	5.09E-05	1.83E-06	1.96E-06	2.28E-06	2.12E-06	1.68E-07	1.67E-07	5.9048E-05
607107.8	4201128.22	35866.64147	0.09588	0.10011	0.22764	0.23324	0.056	0.05565	5.07E-05	5.77E-07	6.11E-07	2.22E-06	2.27E-06	1.96E-07	1.94E-07	5.6344E-05
606787.8	4201408.22	35858.07393	0.01987	0.01988	0.08937	0.09126	0.10271	0.10095	5.07E-05	1.20E-07	1.21E-07	8.73E-07	8.88E-07	3.60E-07	3.53E-07	5.2653E-05
607147.8	4201068.22	35780.07256	0.18269	0.19866	0.25159	0.24843	0.05092	0.05071	5.05E-05	1.10E-06	1.21E-06	2.46E-06	2.42E-06	1.78E-07	1.77E-07	5.7727E-05
607027.8	4201228.22	35762.91405	0.04983	0.05033	0.17476	0.17968	0.06619	0.06553	5.05E-05	3.00E-07	3.07E-07	1.71E-06	1.75E-06	2.32E-07	2.29E-07	5.4579E-05
607007.8	4201248.22	35759.22588	0.04453	0.04486	0.1631	0.1676	0.06874	0.068	5.05E-05	2.68E-07	2.74E-07	1.59E-06	1.63E-06	2.41E-07	2.38E-07	5.4277E-05
606887.8	4201348.22	35738.63722	0.02666	0.02666	0.11285	0.11528	0.08564	0.0844	5.05E-05	1.61E-07	1.63E-07	1.10E-06	1.12E-06	3.00E-07	2.95E-07	5.3030E-05
607047.8	4201208.22	35706.98688	0.05617	0.05692	0.18702	0.19231	0.06376	0.06317	5.04E-05	3.38E-07	3.47E-07	1.83E-06	1.87E-06	2.23E-07	2.21E-07	5.4821E-05
607227.8	4200928.22	35703.41322	0.74722	0.67535	0.1029	0.09304	0.04079	0.04083	5.04E-05	4.50E-06	4.12E-06	1.00E-06	9.05E-07	1.43E-07	1.43E-07	6.0962E-05
606827.8	4201388.22	35700.69653	0.0221	0.02209	0.0974	0.09947	0.09556	0.09402	5.04E-05	1.33E-07	1.35E-07	9.51E-07	9.67E-07	3.35E-07	3.29E-07	5.2616E-05
606987.8	4201268.22	35697.2852	0.04013	0.04034	0.15242	0.15642	0.0714	0.07059	5.04E-05	2.42E-07	2.46E-07	1.49E-06	1.52E-06	2.50E-07	2.47E-07	5.3923E-05
607207.8	4200968.22	35645.63882	0.60802	0.57062	0.15069	0.13322	0.04344	0.04342	5.04E-05	3.66E-06	3.48E-06	1.47E-06	1.30E-06	1.52E-07	1.52E-07	6.0261E-05
606767.8	4201423.25	35584.5705	0.01892	0.01893	0.08617	0.08798	0.10684	0.10494	5.03E-05	1.14E-07	1.15E-07	8.42E-07	8.56E-07	3.74E-07	3.67E-07	5.2192E-05
606967.8	4201288.22	35579.70799	0.03648	0.03661	0.1428	0.14637	0.07418	0.07328	5.03E-05	2.20E-07	2.23E-07	1.39E-06	1.42E-06	2.60E-07	2.56E-07	5.3520E-05
607067.8	4201188.22	35576.75309	0.06417	0.06531	0.20052	0.20623	0.06143	0.0609	5.03E-05	3.86E-07	3.98E-07	1.96E-06	2.01E-06	2.15E-07	2.13E-07	5.5004E-05
607187.8	4201008.22	35508.50925	0.42902	0.4329	0.21804	0.1957	0.0462	0.04611	5.02E-05	2.58E-06	2.64E-06	2.13E-06	1.90E-06	1.62E-07	1.61E-07	5.9415E-05
607127.8	4201108.22	35492.46804	0.11959	0.1268	0.2453	0.25016	0.05395	0.05365	5.01E-05	7.20E-07	7.73E-07	2.40E-06	2.43E-06	1.89E-07	1.87E-07	5.6458E-05
606947.8	4201308.22	35416.60888	0.03336	0.03342	0.13407	0.13732	0.07708	0.07609	5.00E-05	2.01E-07	2.04E-07	1.31E-06	1.34E-06	2.70E-07	2.66E-07	5.3078E-05
606867.8	4201368.22	35401.64473	0.02486	0.02485	0.10718	0.10946	0.08912	0.08776	5.00E-05	1.50E-07	1.52E-07	1.05E-06	1.06E-06	3.12E-07	3.07E-07	5.2420E-05

607087.8	4201168.22	35373.98942	0.07447	0.07623	0.21557	0.22179	0.05919	0.05873	5.00E-05	4.48E-07	4.65E-07	2.11E-06	2.16E-06	2.07E-07	2.05E-07	5.5144E-05
607167.8	4201048.22	35319.1814	0.25891	0.27978	0.26126	0.24964	0.04905	0.04888	4.99E-05	1.56E-06	1.71E-06	2.55E-06	2.43E-06	1.72E-07	1.71E-07	5.8136E-05
606807.8	4201408.22	35249.0269	0.0207	0.02063	0.09288	0.09486	0.09961	0.09791	4.98E-05	1.25E-07	1.26E-07	9.07E-07	9.23E-07	3.49E-07	3.42E-07	5.1872E-05
606927.8	4201328.22	35218.30183	0.03061	0.03061	0.12598	0.12886	0.08014	0.07904	4.97E-05	1.84E-07	1.87E-07	1.23E-06	1.25E-06	2.81E-07	2.76E-07	5.2603E-05
607227.8	4200948.22	35105.92126	0.75859	0.68877	0.12343	0.11016	0.04186	0.04186	4.96E-05	4.57E-06	4.20E-06	1.21E-06	1.07E-06	1.47E-07	1.46E-07	6.0636E-05
607107.8	4201148.22	35100.63137	0.08838	0.09123	0.23278	0.23952	0.05704	0.05663	4.96E-05	5.32E-07	5.57E-07	2.27E-06	2.33E-06	2.00E-07	1.98E-07	5.5274E-05
607147.8	4201088.22	35082.04401	0.15643	0.1689	0.26433	0.26635	0.05198	0.05172	4.96E-05	9.42E-07	1.03E-06	2.58E-06	2.59E-06	1.82E-07	1.81E-07	5.6700E-05
606847.8	4201388.22	35022.43257	0.02329	0.02326	0.10211	0.10429	0.09276	0.09126	4.95E-05	1.40E-07	1.42E-07	9.97E-07	1.01E-06	3.25E-07	3.19E-07	5.1765E-05
607207.8	4200988.22	35011.22451	0.58356	0.55906	0.18702	0.16431	0.04452	0.04445	4.95E-05	3.51E-06	3.41E-06	1.83E-06	1.60E-06	1.56E-07	1.55E-07	5.9804E-05
606787.8	4201423.25	35009.7942	0.01974	0.01973	0.08956	0.09149	0.10352	0.10168	4.95E-05	1.19E-07	1.20E-07	8.75E-07	8.90E-07	3.62E-07	3.55E-07	5.1458E-05
606907.8	4201348.22	34974.31527	0.02825	0.02822	0.11889	0.12153	0.08332	0.08211	4.94E-05	1.70E-07	1.72E-07	1.16E-06	1.18E-06	2.92E-07	2.87E-07	5.2089E-05
607187.8	4201028.22	34853.95161	0.3765	0.39358	0.2577	0.2359	0.04727	0.04713	4.92E-05	2.27E-06	2.40E-06	2.52E-06	2.29E-06	1.66E-07	1.65E-07	5.8713E-05
607027.8	4201248.22	34832.42907	0.04812	0.04843	0.17602	0.1812	0.06717	0.06644	4.92E-05	2.90E-07	2.95E-07	1.72E-06	1.76E-06	2.35E-07	2.32E-07	5.3270E-05
607047.8	4201228.22	34810.9962	0.05397	0.05447	0.18904	0.1947	0.06474	0.06408	4.92E-05	3.25E-07	3.32E-07	1.85E-06	1.89E-06	2.27E-07	2.24E-07	5.3570E-05
607007.8	4201268.22	34800.31664	0.0432	0.04338	0.16384	0.16851	0.06971	0.06891	4.92E-05	2.60E-07	2.65E-07	1.60E-06	1.64E-06	2.44E-07	2.41E-07	5.2922E-05
607127.8	4201128.22	34771.08371	0.10777	0.11259	0.25215	0.25917	0.05498	0.05462	4.91E-05	6.49E-07	6.87E-07	2.46E-06	2.52E-06	1.93E-07	1.91E-07	5.5435E-05
607067.8	4201208.22	34724.24897	0.06122	0.062	0.20328	0.20943	0.06241	0.06182	4.91E-05	3.69E-07	3.78E-07	1.99E-06	2.04E-06	2.19E-07	2.16E-07	5.3819E-05
606987.8	4201288.22	34718.30434	0.03907	0.03916	0.15272	0.15685	0.07237	0.07148	4.90E-05	2.35E-07	2.39E-07	1.49E-06	1.53E-06	2.53E-07	2.50E-07	5.2533E-05
606887.8	4201368.22	34679.84289	0.02629	0.02624	0.11269	0.1151	0.08662	0.08529	4.90E-05	1.58E-07	1.60E-07	1.10E-06	1.12E-06	3.03E-07	2.98E-07	5.1526E-05
607167.8	4201068.22	34651.98983	0.21689	0.23697	0.28266	0.27779	0.0501	0.04988	4.89E-05	1.31E-06	1.45E-06	2.76E-06	2.70E-06	1.75E-07	1.74E-07	5.7162E-05
606827.8	4201408.22	34613.20279	0.02182	0.02178	0.09735	0.09944	0.09658	0.09493	4.89E-05	1.31E-07	1.33E-07	9.51E-07	9.67E-07	3.38E-07	3.32E-07	5.1076E-05
606967.8	4201308.22	34590.75302	0.03558	0.03561	0.14273	0.14635	0.07514	0.07416	4.89E-05	2.14E-07	2.17E-07	1.39E-06	1.42E-06	2.63E-07	2.59E-07	5.2111E-05
607087.8	4201188.22	34569.00065	0.07038	0.0716	0.21912	0.22588	0.06017	0.05965	4.88E-05	4.24E-07	4.37E-07	2.14E-06	2.20E-06	2.11E-07	2.08E-07	5.4029E-05
607227.8	4200968.22	34508.0841	0.75815	0.6946	0.1518	0.1336	0.04291	0.04287	4.87E-05	4.57E-06	4.24E-06	1.48E-06	1.30E-06	1.50E-07	1.50E-07	6.0329E-05
606807.8	4201423.25	34441.85711	0.02048	0.02032	0.09268	0.09472	0.10038	0.0986	4.87E-05	1.23E-07	1.24E-07	9.05E-07	9.21E-07	3.51E-07	3.45E-07	5.0725E-05
606947.8	4201328.22	34422.36825	0.0326	0.03258	0.13377	0.137	0.07804	0.07696	4.86E-05	1.96E-07	1.99E-07	1.31E-06	1.33E-06	2.73E-07	2.69E-07	5.1658E-05
607147.8	4201108.22	34397.96316	0.13673	0.14534	0.27407	0.28027	0.05301	0.05269	4.86E-05	8.23E-07	8.87E-07	2.68E-06	2.73E-06	1.86E-07	1.84E-07	5.5702E-05
607207.8	4201008.22	34383.65319	0.54124	0.53497	0.2331	0.20543	0.04557	0.04546	4.86E-05	3.26E-06	3.26E-06	2.28E-06	2.00E-06	1.60E-07	1.59E-07	5.9366E-05
607107.8	4201168.22	34343.70125	0.0825	0.08444	0.23737	0.24491	0.05802	0.05756	4.85E-05	4.97E-07	5.15E-07	2.32E-06	2.38E-06	2.03E-07	2.01E-07	5.4225E-05
606867.8	4201388.22	34342.79083	0.02458	0.02452	0.10718	0.1095	0.09006	0.08861	4.85E-05	1.48E-07	1.50E-07	1.05E-06	1.06E-06	3.15E-07	3.10E-07	5.0921E-05
606927.8	4201348.22	34217.31613	0.03	0.02994	0.12572	0.12863	0.08107	0.07989	4.83E-05	1.81E-07	1.83E-07	1.23E-06	1.25E-06	2.84E-07	2.79E-07	5.1177E-05
607187.8	4201048.22	34211.17782	0.31862	0.34397	0.29406	0.2773	0.0483	0.04812	4.83E-05	1.92E-06	2.10E-06	2.87E-06	2.70E-06	1.69E-07	1.68E-07	5.7911E-05
607127.8	4201148.22	34058.79077	0.0989	0.10211	0.25819	0.2666	0.05596	0.05555	4.81E-05	5.96E-07	6.23E-07	2.52E-06	2.59E-06	1.96E-07	1.94E-07	5.4443E-05
607167.8	4201088.22	33998.25525	0.18307	0.19873	0.29823	0.30052	0.05111	0.05085	4.80E-05	1.10E-06	1.21E-06	2.91E-06	2.92E-06	1.79E-07	1.78E-07	5.6175E-05
606847.8	4201408.22	33977.74878	0.023	0.02293	0.10203	0.10427	0.09369	0.09209	4.80E-05	1.38E-07	1.40E-07	9.96E-07	1.01E-06	3.28E-07	3.22E-07	5.0285E-05
606907.8	4201368.22	33964.35959	0.02782	0.02774	0.11872	0.12139	0.08422	0.08292	4.80E-05	1.68E-07	1.69E-07	1.16E-06	1.18E-06	2.95E-07	2.90E-07	5.0654E-05
607047.8	4201248.22	33937.47303	0.05208	0.05239	0.19058	0.19661	0.06565	0.06493	4.79E-05	3.14E-07	3.20E-07	1.86E-06	1.91E-06	2.30E-07	2.27E-07	5.2346E-05
607027.8	4201268.22	33930.08316	0.04663	0.0468	0.17687	0.18226	0.06807	0.06728	4.79E-05	2.81E-07	2.85E-07	1.73E-06	1.77E-06	2.38E-07	2.35E-07	5.1995E-05
607067.8	4201228.22	33888.34348	0.0587	0.05922	0.20557	0.21217	0.06333	0.06268	4.79E-05	3.53E-07	3.61E-07	2.01E-06	2.06E-06	2.22E-07	2.19E-07	5.2656E-05
607007.8	4201288.22	33875.47815	0.04203	0.04209	0.1642	0.16896	0.07061	0.06973	4.79E-05	2.53E-07	2.57E-07	1.60E-06	1.64E-06	2.47E-07	2.44E-07	5.1608E-05
606987.8	4201308.22	33776.91347	0.03814	0.03815	0.15277	0.15694	0.07325	0.07229	4.77E-05	2.30E-07	2.33E-07	1.49E-06	1.53E-06	2.56E-07	2.53E-07	5.1193E-05
607087.8	4201208.22	33774.1134	0.06703	0.06787	0.22237	0.22965	0.06109	0.06051	4.77E-05	4.04E-07	4.14E-07	2.17E-06	2.23E-06	2.14E-07	2.11E-07	5.2931E-05
607147.8	4201128.22	33725.72562	0.12229	0.12793	0.28205	0.29109	0.05398	0.05362	4.76E-05	7.36E-07	7.80E-07	2.75E-06	2.83E-06	1.89E-07	1.87E-07	5.4742E-05
606887.8	4201388.22	33667.06235	0.02596	0.02588	0.11265	0.11515	0.08748	0.08606	4.76E-05	1.56E-07	1.58E-07	1.10E-06	1.12E-06	3.06E-07	3.01E-07	5.0091E-05
606967.8	4201328.22	33641.97697	0.0348	0.03475	0.14243	0.14612	0.07602	0.07496	4.75E-05	2.10E-07	2.12E-07	1.39E-06	1.42E-06	2.66E-07	2.62E-07	5.0755E-05
607107.8	4201188.22	33597.55398	0.07761	0.07895	0.24125	0.2494	0.05895	0.05843	4.75E-05	4.67E-07	4.82E-07	2.36E-06	2.43E-06	2.06E-07	2.04E-07	5.3190E-05
606827.8	4201428.22	33590.78959	0.02149	0.0214	0.09694	0.0991	0.0975	0.09575	4.74E-05	1.29E-07	1.31E-07	9.47E-07	9.64E-07	3.41E-07	3.35E-07	4.9620E-05
607187.8	4201068.22	33583.11001	0.26331	0.28924	0.32227	0.31453	0.0493	0.04907	4.74E-05	1.59E-06	1.76E-06	3.15E-06	3.06E-06	1.73E-07	1.71E-07	5.6995E-05
606947.8	4201348.22	33471.6389	0.03192	0.03183	0.13336	0.1366	0.07891	0.07775	4.73E-05	1.92E-07	1.94E-07	1.30E-06	1.33E-06	2.76E-07	2.72E-07	5.0298E-05
607167.8	4201108.22	33358.09381	0.15807	0.16866	0.30976	0.31786	0.05208	0.05176	4.71E-05	9.52E-07	1.03E-06	3.03E-06	3.09E-06	1.82E-07	1.81E-07	5.5218E-05
607127.8	4201168.22	33356.85534	0.09178	0.09399	0.26334	0.27266	0.05689	0.05642	4.71E-05	5.53E-07	5.73E-07	2.57E-06	2.65E-06	1.99E-07	1.97E-07	5.3469E-05
606867.8	4201408.22	33341.22161	0.02426	0.02417	0.10706	0.10945	0.09091	0.08936	4.71E-05	1.46E-07	1.47E-07	1.05E-06	1.06E-06	3.18E-07	3.12E-07	4.9500E-05
606927.8	4201368.22	33255.86213	0.02951	0.02941	0.12543	0.12837	0.0819	0.08064	4.70E-05	1.78E-07	1.79E-07	1.22E-06	1.25E-06	2.87E-07	2.82E-07	4.9807E-05
607047.8	4201268.22	33089.72181	0.05034	0.05052	0.19158	0.19786	0.06649	0.06571	4.67E-05	3.03E-07	3.08E-07	1.87E-06	1.92E-06	2.33E-07	2.30E-07	5.1148E-05
607067.8	4201248.22	33071.32487	0.05646	0.0568	0.20734	0.21435	0.06418	0.06347	4.67E-05	3.40E-07	3.46E-07	2.02E-06	2.08E-06	2.25E-07	2.22E-07	5.1512E-05
607147.8	4201148.22	33063.4357	0.1114	0.11515	0.28897	0.29975	0.05491	0.05449	4.67E-05	6.71E-07	7.02E-07	2.82E-06	2.92E-06	1.92E-07	1.90E-07	5.3815E-05
607027.8	4201288.22	33057.65396	0.04527	0.04534	0.17727	0.18281	0.0689	0.06804	4.67E-05	2.73E-07	2.77E-07	1.73E-06	1.78E-06	2.41E-07	2.38E-07	5.0755E-05
606907.8	4201388.22	32995.37767	0.02747	0.02737	0.11865	0.12136	0.085	0.08362	4.66E-05	1.65E-07	1.67E-07	1.16E-06	1.18E-06	2.98E-07	2.92E-07	4.9280E-05
607087.8	4201228.22	32994.92108	0.06404	0.06462	0.22495	0.23275	0.06195	0.06131	4.66E-05	3.86E-07	3.94E-07	2.20E-06	2.26E-06	2.17E-07	2.14E-07	5.1848E-05
606847.8	4201428.22	32988.7221	0.02271	0.02261	0.10184	0.10415	0.0945	0.09281	4.66E-05	1.37E-07	1.38E-07	9.95E-07	1.01E-06	3.31E-07	3.24E-07	4.8881E-05
607007.8	4201308.22	32985.06689	0.04095	0.04094	0.16423	0.16903	0.07142	0.07048	4.66E-05	2.47E-07	2.50E-07	1.60E-06	1.64E-06	2.50E-07	2.46E-07	5.0338E-05
607187.8	4201088.22	32969.42046	0.21821	0.23855	0.34172	0.34424	0.05026	0.04998	4.66E-05	1.31E-06	1.46E-06	3.34E-06	3.35E-06	1.76E-07	1.75E-07	5.6026E-05
606987.8	4201328.22	32879.16098	0.03721	0.03716	0.15239	0.15657	0.07406	0.07303	4.64E-05	2.24E-07	2.27E-07	1.49E-06	1.52E-06	2.59E-07	2.55E-07	4.9906E-05
607107.8	4201208.22	32859.4415	0.07353	0.07449	0.24481	0.25351	0.05982	0.05923	4.64E-05	4.43E-07	4.54E-07	2.39E-06	2.47E-06	2.09E-07	2.07E-07	5.2170E-05
606967.8	4201348.22	32737.73717	0.03403	0.03394	0.14196	0.14567	0.07681	0.07569	4.62E-05	2.05E-07	2.07E-07	1.39E-06	1.42E-06	2.69E-07	2.65E-07	4.9460E-05
607167.8	4201128.22	32729.81876	0.14003	0.14686	0.31917	0.33111	0.053	0.05263	4.62E-05	8.43E-07	8.96E-07	3.12E-06	3.22E-06	1.86E-07	1.84E-07	5.4310E-05
606887.8	4201408.22	32704.9296	0.02565	0.02553	0.11255	0.11511	0.08824	0.08674	4.62E-05	1.54E-07	1.56E-07	1.10E-06	1.12E-06	3.09E-07	3.03E-07	4.8727E-05
607127.8	4201188.22	32662.97048	0.0859	0.08748	0.26783	0.27782	0.05776	0.05724	4.61E-05	5.17E-07	5.34E-07	2.62E-06	2.70E-06	2.02E-07	2.00E-07	5.2507E-05
607207.8	4201068.22	32569.69904	0.3289	0.36351	0.37448	0.36178	0.04851	0.04827	4.60E-05	1.98E-06	2.22E-06	3.66E-06	3.52E-06	1.70E-07	1.69E-07	5.7381E-05
606947.8	4201368.22	32556.66661	0.03135	0.03123	0.13292	0.13624	0.07967	0.07844	4.60E-05	1.89E-07	1.91E-07	1.30E-06	1.33E-06	2.79E-07	2.74E-07	4.8991E-05
607147.8	4201168.22	32409.50516	0.10274	0.10538	0.29506	0.30691	0.05578	0.05531	4.58E-05	6.19E-07	6.43E-07	2.88E-06	2.98E-06	1.95E-07	1.93E-07	5.2909E-05
606867.8	4201428.22	32392.10993	0.02395	0.02383	0.10682	0.10928	0.09164	0.09001	4.58E-05	1.44E-07	1.45E-07	1.04E-06	1.06E-06	3.21E-07	3.15E-07	4.8152E-05
607187.8	4201108.22	32368.81476	0.18544	0.1989	0.35552	0.3664	0.05117	0.05085	4.57E-05	1.12E-06	1.21E-06	3.47E-06	3.56E-06	1.79E-07	1.78E-07	5.5089E-05
606927.8	4201388.22	32332.12934	0.0291	0.02897	0.12525	0.12822	0.08261	0.08128	4.57E-05	1.75E-07	1.77E-07	1.22E-06	1.25E-06	2.89E-07	2.84E-07	4.8494E-05
607067.8	4201268.22	32271.60541	0.05448	0.05473	0.20872	0.21611	0.06495	0.06418	4.56E-05	3.28E-07	3.34E-07	2.04E-06	2.10E-06	2.27E-07	2.24E-07	5.0388E-05
607047.8	4201288.22	32266.45464	0.04874	0.04886	0.1921	0.19853	0.06726	0.06642	4.56E-05	2.93E-07	2.98E-07	1.88E-06	1.93E-06	2.35E-07	2.32E-07	4.9977E-05
607087.8	4201248.22	32229.44014	0.06138	0.06182	0.22707	0.23535	0.06274	0.06204	4.55E-05	3.70E-07	3.77E-07	2.22E-06	2.29E-06	2.20E-07	2.17E-07	5.0780E-05
607027.8	4201308.22	32215.39909	0.04399	0.04401	0.17722	0.18282	0.06966	0.06873	4.55E-05	2.65E-07	2.68E-07	1.73E-06	1.78E-06	2.44E-07	2.40E-07	4.9549E-05
607107.8	4201228.22	32132.09283	0.06994	0.07068	0.24781	0.25707	0.06062	0.05998	4.54E-05	4.21E-07	4.31E-07	2.42E-06	2.50E-06	2.12E-07	2.10E-07	5.1161E-05
607007.8	4201328.22	32131.5553	0.03988	0.03984	0.16379	0.16859	0.07217	0.07116	4.54E-05	2.40E-07	2.43E-07	1.60E-06	1.64E-06	2.53E-07	2.49E-07	4.9111E-05
607167.8	4201148.22	32111.12649	0.12648	0.13107	0.32739	0.34158	0.05387	0.05345	4.54E-05	7.62E-07	8.00E-07	3.20E-06	3.32E-06	1.89E-07	1.87E-07	5.3440E-05
606907.8	4201408.22	32074.13876	0.02712	0.02699	0.1185	0.12126	0.08568	0.08423	4.53E-05	1.63E-07	1.65E-07	1.16E-06	1.18E-06	3.00E-07	2.94E-07	4.7972E-05
606987.8	4201348.22	32020.59492	0.0363	0.03622	0.15161	0.15573	0.0748	0.0737	4.52E-05	2.19E-07	2.21E-07	1.48E-06	1.51E-06	2.62E-07	2.58E-07	4.8666E-05
607207.8	4201088.22	31991.93074	0.2661	0.2937	0.39951	0.40207	0.04941	0.04913	4.52E-05	1.60E-06	1.79E-06	3.90E-06	3.91E-06	1.73E-07	1.72E-07	5.6397E-05
607127.8	4201208.22	31974.44058	0.08099	0.08222	0.27202	0.28267	0.05857	0.05799	4.52E-05	4.88E-07	5.02E-07	2.66E-06	2.75E-06	2.05E-07	2.03E-07	5.1561E-05
606967.8	4201368.22	31872.00274	0.0333	0.03319	0.14127	0.1449	0.07752	0.07633	4.50E-05	2.01E-07	2.02E-07	1.38E-06	1.41E-06	2.71E-07	2.67E-07	4.8213E-05
606887.8	4201428.22	31793.54394	0.02531	0.02518	0.11229	0.11493	0.0889	0.08732	4.49E-05	1.52E-07	1.54E-07	1.10E-06	1.12E-06	3.11E-07	3.05E-07	4.7431E-05
607187.8	4201128.22	31779.70515	0.16221	0.17079	0.36673	0.383	0.05204	0.05167	4.49E-05	9.77E-07	1.04E-06	3.58E-06	3.72E-06	1.82E-07	1.81E-07	5.4216E-05
607147.8	4201188.22	31761.21465	0.09564	0.09764	0.30059	0.31323	0.05659	0.05607	4.49E-05	5.76E-07	5.96E-07	2.94E-06	3.05E-06	1.98E-07	1.96E-07	5.2018E-05
606947.8	4201388.22	31677.54407	0.03084	0.03071	0.13259	0.13588	0.08032	0.07902	4.47E-05	1.86E-07	1.87E-07	1.29E-06	1.32E-06	2.81E-07	2.76E-07	4.7736E-05
607227.8	4201068.22	31608.01741	0.42656	0.47459	0.44631	0.42462	0.04773	0.04748	4.46E-05	2.57E-06	2.90E-06	4.36E-06	4.13E-06	1.67E-07	1.66E-07	5.8600E-05
607167.8	4201168.22	31500.5572	0.11568	0.11903	0.33468	0.35016	0.05469	0.05422	4.45E-05	6.97E-07	7.26E-07	3.27E-06	3.41E-06	1.91E-07	1.89E-07	5.2593E-05
607067.8	4201288.22	31496.07397	0.05252	0.05275	0.20939	0.21696	0.06567	0.06484	4.45E-05	3.16E-07	3.22E-07	2.04E-06	2.11E-06	2.30E-07	2.27E-07	4.9283E-05
607087.8	4201268.22	31480.43791	0.05889	0.05929	0.22864	0.23732	0.06347	0.06271	4.45E-05	3.55E-07	3.62E-07	2.23E-06	2.31E-06	2.22E-07	2.19E-07	4.9726E-05
607047.8	4201308.22	31470.15759	0.04718	0.04728	0.19205	0.19855	0.06796	0.06705	4.45E-05	2.84E-07	2.88E-07	1.88E-06	1.93E-06	2.38E-07	2.34E-07	4.8833E-05
606927.8	4201408.22	31437.03862	0.0288	0.02866	0.12524	0.1283	0.0832	0.08179	4.44E-05	1.73E-07	1.75E-07	1.22E-06	1.25E-06	2.91E-07	2.86E-07	4.7226E-05
607207.8	4201108.22	31426.93462	0.2214	0.23923	0.41617	0.43133	0.05028	0.04995	4.44E-05	1.33E-06	1.46E-06	4.06E-06	4.20E-06	1.76E-07	1.75E-07	5.5444E-05
607107.8	4201248.22	31414.85787	0.06672	0.06737	0.25041	0.26025	0.06135	0.06066	4.44E-05	4.02E-07	4.11E-07	2.45E-06	2.53E-06	2.15E-07	2.12E-07	5.0165E-05
607027.8	4201328.22	31402.51103	0.04275	0.04277	0.17685	0.18242	0.07034	0.06935	4.44E-05	2.57E-07	2.61E-07	1.73E-06	1.77E-06	2.46E-07	2.42E-07	4.8378E-05
607007.8	4201348.22	31316.3862	0.03876	0.03873	0.16282	0.16757	0.07284	0.07177	4.42E-05	2.33E-07	2.36E-07	1.59E-06	1.63E-06	2.55E-07	2.51E-07	4.7926E-05
607127.8	4201228.22	31294.32096	0.07662	0.07767	0.27567	0.28696	0.05931	0.05868	4.42E-05	4.61E-07	4.74E-07	2.69E-06	2.79E-06	2.08E-07	2.05E-07	5.0624E-05
607187.8	4201148.22	31200.21907	0.14487	0.15074	0.37665	0.39596	0.05286	0.05244	4.41E-05	8.72E-07	9.20E-07	3.68E-06	3.85E-06	1.85E-07	1.83E-07	5.3394E-05
606987.8	4201368.22	31193.57582	0.03545	0.03537	0.1508	0.1549	0.07544	0.07428	4.41E-05	2.13E-07	2.16E-07	1.47E-06	1.51E-06	2.64E-07	2.60E-07	4.7472E-05
606907.8	4201428.22	31172.69392	0.02693	0.0268	0.11887	0.12174	0.08621	0.08468	4.40E-05	1.62E-07	1.63E-07	1.16E-06	1.18E-06	3.02E-07	2.96E-07	4.6704E-05
607147.8	4201208.22	31120.52495	0.08942	0.09109	0.30536	0.31864	0.05735	0.05678	4.40E-05	5.38E-07	5.56E-07	2.98E-06	3.10E-06	2.01E-07	1.98E-07	5.1135E-05
607227.8	4201088.22	31062.9647	0.33423	0.3738	0.47986	0.48202	0.04858	0.04829	4.39E-05	2.01E-06	2.28E-06	4.69E-06	4.69E-06	1.70E-07	1.69E-07	5.7546E-05
606967.8	4201388.22	31033.77365	0.03267	0.03257	0.14077	0.14442	0.07812	0.07686	4.38E-05	1.97E-07	1.99E-07	1.37E-06	1.40E-06	2.74E-07	2.69E-07	4.7012E-05
607167.8	4201188.22	30894.12683	0.10686	0.10955	0.34155	0.35792	0.05545	0.05493	4.36E-05	6.43E-07	6.68E-07	3.34E-06	3.48E-06	1.94E-07	1.92E-07	5.1768E-05
607207.8	4201128.22	30873.09771	0.19045	0.20172	0.42971	0.45279	0.0511	0.05072	4.36E-05	1.15E-06	1.23E-06	4.20E-06	4.40E-06	1.79E-07	1.77E-07	5.4588E-05
606947.8	4201408.22	30820.96434	0.03046	0.03034	0.1325	0.13587	0.08085	0.07948	4.35E-05	1.83E-07	1.85E-07	1.29E-06	1.32E-06	2.83E-07	2.78E-07	4.6521E-05
607087.8	4201288.22	30747.41327	0.05654	0.05698	0.22969	0.23869	0.06412	0.06331	4.34E-05	3.40E-07	3.48E-07	2.24E-06	2.32E-06	2.25E-07	2.21E-07	4.8686E-05
607067.8	4201308.22	30741.38136	0.05063	0.0509	0.20959	0.21719	0.06631	0.06542	4.34E-05	3.05E-07	3.10E-07	2.05E-06	2.11E-06	2.32E-07	2.29E-07	4.8199E-05
607107.8	4201268.22	30711.78514	0.06363	0.0643	0.2523	0.26265	0.06202	0.06128	4.34E-05	3.83E-07	3.92E-07	2.46E-06	2.55E-06	2.17E-07	2.14E-07	4.9176E-05
607047.8	4201328.22	30700.42439	0.04563	0.04577	0.19152	0.19799	0.06859	0.06762	4.34E-05	2.75E-07	2.79E-07	1.87E-06	1.93E-06	2.40E-07	2.36E-07	4.7716E-05
607247.8	4201068.22	30694.61673	0.58325	0.65243	0.55114	0.51185	0.04695	0.0467	4.34E-05	3.51E-06	3.98E-06	5.38E-06	4.98E-06	1.64E-07	1.63E-07	6.1211E-05
607187.8	4201168.22	30628.30469	0.13111	0.13558	0.38565	0.4066	0.05363	0.05316	4.33E-05	7.89E-07	8.27E-07	3.77E-06	3.95E-06	1.88E-07	1.86E-07	5.2602E-05
607127.8	4201248.22	30623.2185	0.07259	0.07361	0.27877	0.29071	0.06	0.05931	4.33E-05	4.37E-07	4.49E-07	2.72E-06	2.83E-06	2.10E-07	2.07E-07	4.9693E-05
607027.8	4201348.22	30620.72517	0.04148	0.04154	0.17606	0.18158	0.07094	0.0699	4.33E-05	2.50E-07	2.53E-07	1.72E-06	1.77E-06	2.48E-07	2.44E-07	4.7243E-05
606927.8	4201428.22	30537.04321	0.02881	0.0287	0.12636	0.12945	0.08358	0.08211	4.31E-05	1.73E-07	1.75E-07	1.23E-06	1.26E-06	2.93E-07	2.87E-07	4.5977E-05
607007.8	4201368.22	30530.7043	0.03768	0.03768	0.1617	0.1664	0.07344	0.0723	4.31E-05	2.27E-07	2.30E-07	1.58E-06	1.62E-06	2.57E-07	2.53E-07	4.6781E-05
607227.8	4201108.22	30530.00493	0.27029	0.29506	0.50008	0.52233	0.0494	0.04907	4.31E-05	1.63E-06	1.80E-06	4.88E-06	5.08E-06	1.73E-07	1.71E-07	5.6517E-05
607147.8	4201228.22	30487.25819	0.08381	0.08535	0.30935	0.32332	0.05805	0.05743	4.31E-05	5.05E-07	5.21E-07	3.02E-06	3.14E-06	2.03E-07	2.01E-07	5.0256E-05
606987.8	4201388.22	30398.78257	0.0346	0.03456	0.15004	0.15418	0.076	0.07477	4.29E-05	2.08E-07	2.11E-07	1.47E-06	1.50E-06	2.66E-07	2.61E-07	4.6324E-05
607207.8	4201148.22	30329.05505	0.16759	0.17548	0.44192	0.46932	0.05187	0.05145	4.28E-05	1.01E-06	1.07E-06	4.32E-06	4.56E-06	1.82E-07	1.80E-07	5.3802E-05
607167.8	4201208.22	30296.53512	0.09893	0.10131	0.34711	0.36419	0.05616	0.05559	4.28E-05	5.96E-07	6.18E-07	3.39E-06	3.54E-06	1.97E-07	1.94E-07	5.0942E-05
606967.8	4201408.22	30213.06765	0.03218	0.03212	0.14063	0.14437	0.07859	0.07726	4.27E-05	1.94E-07	1.96E-07	1.37E-06	1.40E-06	2.75E-07	2.70E-07	4.5845E-05
607247.8	4201088.22	30179.21459	0.43751	0.4984	0.59894	0.59935	0.04777	0.04747	4.26E-05	2.63E-06	3.04E-06	5.85E-06	5.83E-06	1.67E-07	1.66E-07	5.9983E-05
607187.8	4201188.22	30061.28311	0.11975	0.12353	0.39403	0.41597	0.05434	0.05382	4.25E-05	7.21E-07	7.54E-07	3.85E-06	4.05E-06	1.90E-07	1.88E-07	5.1832E-05
607087.8	4201308.22	30033.43263	0.05421	0.05474	0.2301	0.23926	0.06471	0.06384	4.24E-05	3.26E-07	3.34E-07	2.25E-06	2.33E-06	2.27E-07	2.23E-07	4.7659E-05
607107.8	4201288.22	30021.40233	0.0607	0.06146	0.25367	0.26451	0.06263	0.06183	4.24E-05	3.65E-07	3.75E-07	2.48E-06	2.57E-06	2.19E-07	2.16E-07	4.8198E-05
607067.8	4201328.22	30011.2404	0.04871	0.04906	0.20906	0.21661	0.06688	0.06594	4.24E-05	2.93E-07	2.99E-07	2.04E-06	2.11E-06	2.34E-07	2.30E-07	4.7134E-05
607227.8	4201128.22	30008.10449	0.22744	0.24295	0.51667	0.55117	0.05017	0.04979	4.24E-05	1.37E-06	1.48E-06	5.05E-06	5.36E-06	1.76E-07	1.74E-07	5.5646E-05
607127.8	4201268.22	29962.48147	0.06877	0.06987	0.28122	0.29384	0.06062	0.05988	4.23E-05	4.14E-07	4.26E-07	2.75E-06	2.86E-06	2.12E-07	2.09E-07	4.8769E-05
607047.8	4201348.22	29952.24241	0.04414	0.04437	0.19085	0.19724	0.06913	0.06811	4.23E-05	2.66E-07	2.71E-07	1.86E-06	1.92E-06	2.42E-07	2.38E-07	4.6628E-05
606947.8	4201428.22	29937.84007	0.03058	0.03051	0.13427	0.13775	0.08114	0.07971	4.23E-05	1.84E-07	1.86E-07	1.31E-06	1.34E-06	2.84E-07	2.79E-07	4.5311E-05
607027.8	4201368.22	29866.24386	0.04022	0.04035	0.17508	0.18056	0.07147	0.07037	4.22E-05	2.42E-07	2.46E-07	1.71E-06	1.76E-06	2.50E-07	2.46E-07	4.6142E-05
607147.8	4201248.22	29856.52695	0.07889	0.08047	0.31355	0.3283	0.05868	0.05801	4.22E-05	4.75E-07	4.91E-07	3.06E-06	3.19E-06	2.05E-07	2.03E-07	4.9395E-05
607267.8	4201068.22	29826.10415	0.86426	0.96507	0.7168	0.63975	0.0462	0.04594	4.21E-05	5.20E-06	5.89E-06	7.00E-06	6.22E-06	1.62E-07	1.61E-07	6.6445E-05
607207.8	4201168.22	29792.93179	0.14946	0.15569	0.45299	0.48255	0.05259	0.05212	4.21E-05	9.00E-07	9.50E-07	4.42E-06	4.69E-06	1.84E-07	1.82E-07	5.3051E-05
607007.8	4201388.22	29768.6049	0.03667	0.03673	0.16076	0.16543	0.07393	0.07274	4.21E-05	2.21E-07	2.24E-07	1.57E-06	1.61E-06	2.59E-07	2.54E-07	4.5674E-05
607167.8	4201228.22	29702.56869	0.09196	0.09429	0.35238	0.37025	0.05681	0.05619	4.20E-05	5.54E-07	5.75E-07	3.44E-06	3.60E-06	1.99E-07	1.96E-07	5.0128E-05
607247.8	4201108.22	29675.44639	0.34025	0.37668	0.62316	0.65811	0.04854	0.0482	4.19E-05	2.05E-06	2.30E-06	6.09E-06	6.40E-06	1.70E-07	1.68E-07	5.8751E-05
606987.8	4201408.22	29611.88397	0.03398	0.034	0.14995	0.15406	0.07641	0.07512	4.18E-05	2.05E-07	2.07E-07	1.46E-06	1.50E-06	2.68E-07	2.63E-07	4.5204E-05
607187.8	4201208.22	29501.93939	0.10964	0.11314	0.40095	0.42364	0.055	0.05444	4.17E-05	6.60E-07	6.90E-07	3.92E-06	4.12E-06	1.93E-07	1.90E-07	5.1060E-05
607227.8	4201148.22	29495.90812	0.19633	0.20743	0.53207	0.57313	0.0509	0.05047	4.17E-05	1.18E-06	1.27E-06	5.20E-06	5.57E-06	1.78E-07	1.76E-07	5.4883E-05
606967.8	4201428.22	29356.74326	0.03225	0.03228	0.14275	0.14661	0.07881	0.07743	4.15E-05	1.94E-07	1.97E-07	1.39E-06	1.43E-06	2.76E-07	2.71E-07	4.4680E-05
607107.8	4201308.22	29341.43703	0.05798	0.05888	0.25498	0.2661	0.06316	0.06231	4.14E-05	3.49E-07	3.59E-07	2.49E-06	2.59E-06	2.21E-07	2.18E-07	4.7233E-05
607267.8	4201088.22	29338.04675	0.61001	0.7135	0.79269	0.78713	0.04696	0.04666	4.14E-05	3.67E-06	4.35E-06	7.74E-06	7.66E-06	1.64E-07	1.63E-07	6.4864E-05
607087.8	4201328.22	29336.34107	0.05195	0.0526	0.23008	0.23923	0.06523	0.06431	4.14E-05	3.13E-07	3.21E-07	2.25E-06	2.33E-06	2.28E-07	2.25E-07	4.6647E-05
607127.8	4201288.22	29310.07201	0.0652	0.06644	0.28345	0.29666	0.06117	0.06039	4.14E-05	3.93E-07	4.05E-07	2.77E-06	2.89E-06	2.14E-07	2.11E-07	4.7854E-05
607067.8	4201348.22	29293.14334	0.04699	0.04746	0.20884	0.21633	0.06736	0.06637	4.14E-05	2.83E-07	2.90E-07	2.04E-06	2.10E-06	2.36E-07	2.32E-07	4.6095E-05
607207.8	4201188.22	29261.09104	0.13473	0.1402	0.46371	0.49445	0.05326	0.05274	4.13E-05	8.11E-07	8.55E-07	4.53E-06	4.81E-06	1.86E-07	1.84E-07	5.2337E-05
607147.8	4201268.22	29232.61732	0.07429	0.07602	0.3174	0.33301	0.05925	0.05853	4.13E-05	4.47E-07	4.64E-07	3.10E-06	3.24E-06	2.07E-07	2.05E-07	4.8543E-05
607047.8	4201368.22	29224.35174	0.04271	0.04305	0.19026	0.19646	0.06959	0.06852	4.13E-05	2.57E-07	2.63E-07	1.86E-06	1.91E-06	2.44E-07	2.39E-07	4.5570E-05
607247.8	4201128.22	29182.60335	0.278	0.30054	0.64378	0.69901	0.04926	0.04888	4.12E-05	1.67E-06	1.83E-06	6.29E-06	6.80E-06	1.72E-07	1.71E-07	5.7815E-05
607027.8	4201388.22	29119.64102	0.03919	0.03943	0.17495	0.18022	0.07187	0.07072	4.11E-05	2.36E-07	2.41E-07	1.71E-06	1.75E-06	2.52E-07	2.47E-07	4.5071E-05
607167.8	4201248.22	29114.66282	0.08552	0.08793	0.35692	0.37565	0.0574	0.05674	4.11E-05	5.15E-07	5.36E-07	3.49E-06	3.65E-06	2.01E-07	1.98E-07	4.9317E-05
607287.8	4201068.22	28999.667	1.45809	1.58626	1.00645	0.83985	0.04545	0.04518	4.10E-05	8.78E-06	9.68E-06	9.83E-06	8.17E-06	1.59E-07	1.58E-07	7.7417E-05
607227.8	4201168.22	28991.71699	0.17198	0.181	0.54633	0.5905	0.05157	0.05111	4.10E-05	1.04E-06	1.10E-06	5.34E-06	5.74E-06	1.81E-07	1.79E-07	5.4171E-05
607007.8	4201408.22	28990.13726	0.03614	0.0363	0.16177	0.16638	0.07424	0.073	4.10E-05	2.18E-07	2.21E-07	1.58E-06	1.62E-06	2.60E-07	2.55E-07	4.4588E-05
607187.8	4201228.22	28945.99577	0.10075	0.10423	0.40744	0.43099	0.05561	0.055	4.09E-05	6.07E-07	6.36E-07	3.98E-06	4.19E-06	1.95E-07	1.92E-07	5.0301E-05
607267.8	4201108.22	28860.92475	0.44835	0.50629	0.81929	0.88012	0.04769	0.04735	4.08E-05	2.70E-06	3.09E-06	8.00E-06	8.56E-06	1.67E-07	1.65E-07	6.3117E-05
606987.8	4201428.22	28773.05427	0.03394	0.03408	0.15261	0.15689	0.07656	0.07522	4.06E-05	2.04E-07	2.08E-07	1.49E-06	1.53E-06	2.68E-07	2.63E-07	4.4073E-05
607207.8	4201208.22	28735.17984	0.12191	0.12708	0.47316	0.50475	0.05387	0.05332	4.06E-05	7.34E-07	7.75E-07	4.62E-06	4.91E-06	1.89E-07	1.86E-07	5.1630E-05
607247.8	4201148.22	28699.23394	0.23389	0.25038	0.66377	0.72984	0.04995	0.04953	4.05E-05	1.41E-06	1.53E-06	6.48E-06	7.10E-06	1.75E-07	1.73E-07	5.7056E-05
607107.8	4201328.22	28680.65049	0.05518	0.05623	0.25517	0.2664	0.06363	0.06273	4.05E-05	3.32E-07	3.43E-07	2.49E-06	2.59E-06	2.23E-07	2.19E-07	4.6272E-05
607127.8	4201308.22	28670.5142	0.06171	0.06311	0.2848	0.29851	0.06166	0.06083	4.05E-05	3.72E-07	3.85E-07	2.78E-06	2.90E-06	2.16E-07	2.13E-07	4.6940E-05
607087.8	4201348.22	28653.00413	0.04982	0.05061	0.23002	0.23917	0.06566	0.0647	4.05E-05	3.00E-07	3.09E-07	2.25E-06	2.33E-06	2.30E-07	2.26E-07	4.5656E-05
607147.8	4201288.22	28618.72322	0.06983	0.07172	0.32028	0.33677	0.05976	0.05899	4.04E-05	4.20E-07	4.37E-07	3.13E-06	3.28E-06	2.09E-07	2.06E-07	4.7687E-05
607067.8	4201368.22	28590.75229	0.04538	0.04598	0.20882	0.21635	0.06776	0.06672	4.04E-05	2.73E-07	2.80E-07	2.04E-06	2.10E-06	2.37E-07	2.33E-07	4.5084E-05
607287.8	4201088.22	28536.69092	0.94341	1.15085	1.15797	1.12953	0.04617	0.04587	4.03E-05	5.68E-06	7.02E-06	1.13E-05	1.10E-05	1.62E-07	1.60E-07	7.5305E-05
607167.8	4201268.22	28531.80552	0.0796	0.08214	0.36108	0.3808	0.05793	0.05723	4.03E-05	4.79E-07	5.01E-07	3.53E-06	3.70E-06	2.03E-07	2.00E-07	4.8513E-05
607047.8	4201388.22	28505.89905	0.0415	0.04196	0.19046	0.19676	0.06994	0.06882	4.03E-05	2.50E-07	2.56E-07	1.86E-06	1.91E-06	2.45E-07	2.40E-07	4.4546E-05
607227.8	4201188.22	28492.03289	0.15241	0.1605	0.56047	0.6061	0.0522	0.05169	4.02E-05	9.18E-07	9.79E-07	5.47E-06	5.89E-06	1.83E-07	1.81E-07	5.3512E-05
607187.8	4201248.22	28394.82085	0.09266	0.09618	0.4131	0.43773	0.05616	0.05551	4.01E-05	5.58E-07	5.87E-07	4.03E-06	4.26E-06	1.97E-07	1.94E-07	4.9546E-05
607267.8	4201128.22	28394.43073	0.35113	0.38671	0.84488	0.94262	0.04838	0.048	4.01E-05	2.11E-06	2.36E-06	8.25E-06	9.17E-06	1.69E-07	1.68E-07	6.2001E-05
607027.8	4201408.22	28362.21095	0.03848	0.03886	0.17636	0.18183	0.07212	0.07092	4.01E-05	2.32E-07	2.37E-07	1.72E-06	1.77E-06	2.53E-07	2.48E-07	4.4023E-05
607247.8	4201168.22	28223.87417	0.20006	0.21369	0.68282	0.75391	0.05058	0.05012	3.99E-05	1.20E-06	1.30E-06	6.67E-06	7.33E-06	1.77E-07	1.75E-07	5.6377E-05
607207.8	4201228.22	28214.13429	0.11053	0.11556	0.48124	0.51384	0.05444	0.05384	3.99E-05	6.66E-07	7.05E-07	4.70E-06	5.00E-06	1.91E-07	1.88E-07	5.0922E-05
607307.8	4201068.22	28212.74579	3.00598	2.96884	1.53752	1.15462	0.04471	0.04444	3.99E-05	1.81E-05	1.81E-05	1.50E-05	1.12E-05	1.57E-07	1.55E-07	1.0231E-04
607007.8	4201428.22	28186.46577	0.03559	0.03587	0.1639	0.16871	0.07436	0.07306	3.98E-05	2.14E-07	2.19E-07	1.60E-06	1.64E-06	2.60E-07	2.55E-07	4.3490E-05
607287.8	4201108.22	28084.09119	0.63381	0.73976	1.17287	1.29618	0.04686	0.04652	3.97E-05	3.82E-06	4.51E-06	1.15E-05	1.26E-05	1.64E-07	1.63E-07	7.2060E-05
607127.8	4201328.22	28039.0498	0.05852	0.06006	0.28624	0.30028	0.06208	0.0612	3.96E-05	3.52E-07	3.66E-07	2.80E-06	2.92E-06	2.17E-07	2.14E-07	4.6042E-05
607107.8	4201348.22	28029.70572	0.05263	0.05382	0.25556	0.26683	0.06402	0.06308	3.96E-05	3.17E-07	3.28E-07	2.50E-06	2.60E-06	2.24E-07	2.20E-07	4.5330E-05
607147.8	4201308.22	28014.78269	0.06559	0.06759	0.32225	0.33948	0.06021	0.0594	3.96E-05	3.95E-07	4.12E-07	3.15E-06	3.30E-06	2.11E-07	2.08E-07	4.6829E-05
607227.8	4201208.22	27998.71049	0.13558	0.14307	0.57245	0.61887	0.05278	0.05223	3.96E-05	8.16E-07	8.73E-07	5.59E-06	6.02E-06	1.85E-07	1.83E-07	5.2849E-05
607087.8	4201368.22	27978.88175	0.04793	0.04888	0.23061	0.23957	0.06601	0.06499	3.95E-05	2.89E-07	2.98E-07	2.25E-06	2.33E-06	2.31E-07	2.27E-07	4.4691E-05
607167.8	4201288.22	27951.60524	0.07433	0.07696	0.36549	0.38646	0.0584	0.05765	3.95E-05	4.48E-07	4.69E-07	3.57E-06	3.76E-06	2.04E-07	2.01E-07	4.7729E-05
607267.8	4201148.22	27937.03265	0.28468	0.31105	0.87134	0.98918	0.04902	0.0486	3.95E-05	1.71E-06	1.90E-06	8.51E-06	9.62E-06	1.72E-07	1.70E-07	6.1204E-05
607067.8	4201388.22	27904.14758	0.04377	0.04453	0.20885	0.21624	0.06807	0.06698	3.94E-05	2.64E-07	2.72E-07	2.04E-06	2.10E-06	2.38E-07	2.34E-07	4.4095E-05
607187.8	4201268.22	27849.15478	0.08527	0.08876	0.41782	0.44363	0.05665	0.05596	3.93E-05	5.13E-07	5.41E-07	4.08E-06	4.31E-06	1.98E-07	1.96E-07	4.8789E-05
607047.8	4201408.22	27787.53226	0.04024	0.04083	0.19111	0.19737	0.07016	0.069	3.93E-05	2.42E-07	2.49E-07	1.87E-06	1.92E-06	2.46E-07	2.41E-07	4.3529E-05
607307.8	4201088.22	27772.87986	1.71503	2.29712	2.03513	1.88382	0.0454	0.04509	3.92E-05	1.03E-05	1.40E-05	1.99E-05	1.83E-05	1.59E-07	1.58E-07	1.0177E-04
607247.8	4201188.22	27754.05043	0.17329	0.18523	0.70128	0.77428	0.05117	0.05067	3.92E-05	1.04E-06	1.13E-06	6.85E-06	7.53E-06	1.79E-07	1.77E-07	5.5757E-05
607207.8	4201248.22	27697.66138	0.10041	0.10522	0.48799	0.52184	0.05495	0.05431	3.91E-05	6.05E-07	6.42E-07	4.77E-06	5.08E-06	1.92E-07	1.90E-07	5.0212E-05
607287.8	4201128.22	27641.45372	0.46313	0.52774	1.20172	1.40259	0.04751	0.04713	3.90E-05	2.79E-06	3.22E-06	1.17E-05	1.36E-05	1.66E-07	1.65E-07	7.0430E-05

607027.8	4201428.22	27619.9436	0.03712	0.03757	0.17639	0.18183	0.07227	0.07102	3.90E-05	2.24E-07	2.29E-07	1.72E-06	1.77E-06	2.53E-07	2.48E-07	4.2959E-05
607227.8	4201228.22	27509.56449	0.1212	0.12807	0.58263	0.63015	0.0533	0.05271	3.89E-05	7.30E-07	7.81E-07	5.69E-06	6.13E-06	1.87E-07	1.84E-07	5.2189E-05
607267.8	4201168.22	27487.81676	0.23573	0.25693	0.89764	1.02478	0.04961	0.04916	3.88E-05	1.42E-06	1.57E-06	8.77E-06	9.97E-06	1.74E-07	1.72E-07	6.0548E-05
607127.8	4201348.22	27417.79748	0.05542	0.05709	0.28654	0.30036	0.06243	0.06151	3.87E-05	3.34E-07	3.48E-07	2.80E-06	2.92E-06	2.19E-07	2.15E-07	4.5131E-05
607147.8	4201328.22	27414.45181	0.06182	0.06393	0.32419	0.34159	0.06058	0.05973	3.87E-05	3.72E-07	3.90E-07	3.17E-06	3.32E-06	2.12E-07	2.09E-07	4.5975E-05
607107.8	4201368.22	27391.62556	0.0501	0.05142	0.25515	0.26604	0.06434	0.06335	3.87E-05	3.02E-07	3.14E-07	2.49E-06	2.59E-06	2.25E-07	2.21E-07	4.4387E-05
607167.8	4201308.22	27377.36643	0.06957	0.07219	0.36946	0.3914	0.0588	0.05801	3.87E-05	4.19E-07	4.40E-07	3.61E-06	3.81E-06	2.06E-07	2.03E-07	4.6947E-05
607307.8	4201108.22	27342.53209	0.97654	1.23148	1.93063	2.23698	0.04605	0.0457	3.86E-05	5.88E-06	7.51E-06	1.89E-05	2.18E-05	1.61E-07	1.60E-07	9.2626E-05
607087.8	4201388.22	27327.15088	0.04567	0.04673	0.22939	0.23814	0.06629	0.06523	3.86E-05	2.75E-07	2.85E-07	2.24E-06	2.32E-06	2.32E-07	2.28E-07	4.3718E-05
607187.8	4201288.22	27305.65772	0.07884	0.0822	0.42267	0.44996	0.05708	0.05635	3.86E-05	4.75E-07	5.01E-07	4.13E-06	4.38E-06	2.00E-07	1.97E-07	4.8051E-05
607247.8	4201208.22	27289.3693	0.15153	0.16192	0.71796	0.79163	0.05171	0.05116	3.85E-05	9.12E-07	9.88E-07	7.01E-06	7.70E-06	1.81E-07	1.79E-07	5.5159E-05
607067.8	4201408.22	27230.28033	0.04189	0.04273	0.20808	0.21532	0.06829	0.06716	3.85E-05	2.52E-07	2.61E-07	2.03E-06	2.09E-06	2.39E-07	2.35E-07	4.3104E-05
607287.8	4201148.22	27207.83009	0.3548	0.40019	1.23508	1.47896	0.04811	0.04769	3.84E-05	2.14E-06	2.44E-06	1.21E-05	1.44E-05	1.68E-07	1.67E-07	6.9456E-05
607207.8	4201268.22	27184.45247	0.09163	0.09608	0.49431	0.52963	0.0554	0.05472	3.84E-05	5.52E-07	5.86E-07	4.83E-06	5.15E-06	1.94E-07	1.91E-07	4.9516E-05
607047.8	4201428.22	27087.83909	0.03857	0.03923	0.19049	0.19668	0.07031	0.06909	3.83E-05	2.32E-07	2.39E-07	1.86E-06	1.91E-06	2.46E-07	2.41E-07	4.2508E-05
607267.8	4201188.22	27045.44724	0.19864	0.21573	0.92189	1.05147	0.05017	0.04967	3.82E-05	1.20E-06	1.32E-06	9.00E-06	1.02E-05	1.76E-07	1.74E-07	5.9945E-05
607227.8	4201248.22	27024.4462	0.10894	0.11503	0.59095	0.64002	0.05378	0.05314	3.82E-05	6.56E-07	7.02E-07	5.77E-06	6.22E-06	1.88E-07	1.86E-07	5.1527E-05
607307.8	4201128.22	26921.59283	0.63308	0.7709	1.93945	2.44029	0.04665	0.04627	3.80E-05	3.81E-06	4.70E-06	1.89E-05	2.37E-05	1.63E-07	1.62E-07	8.9217E-05
607247.8	4201228.22	26828.78729	0.13378	0.14256	0.73206	0.80673	0.05219	0.05161	3.79E-05	8.06E-07	8.70E-07	7.15E-06	7.85E-06	1.83E-07	1.80E-07	5.4568E-05
607147.8	4201348.22	26826.72893	0.05793	0.06	0.32315	0.34048	0.0609	0.06	3.79E-05	3.49E-07	3.66E-07	3.16E-06	3.31E-06	2.13E-07	2.10E-07	4.5077E-05
607127.8	4201368.22	26817.4341	0.05219	0.05385	0.28474	0.29812	0.06272	0.06176	3.79E-05	3.14E-07	3.28E-07	2.78E-06	2.90E-06	2.20E-07	2.16E-07	4.4204E-05
607167.8	4201328.22	26808.06443	0.06493	0.06751	0.37016	0.39253	0.05914	0.0583	3.79E-05	3.91E-07	4.12E-07	3.61E-06	3.82E-06	2.07E-07	2.04E-07	4.6104E-05
607287.8	4201168.22	26781.9351	0.28237	0.3151	1.27431	1.53728	0.04867	0.04821	3.78E-05	1.70E-06	1.92E-06	1.24E-05	1.50E-05	1.70E-07	1.68E-07	6.8850E-05
607107.8	4201388.22	26771.39191	0.04744	0.04879	0.25342	0.26391	0.06459	0.06356	3.78E-05	2.86E-07	2.98E-07	2.47E-06	2.57E-06	2.26E-07	2.22E-07	4.3441E-05
607187.8	4201308.22	26764.64532	0.07334	0.07647	0.42761	0.4563	0.05745	0.05668	3.78E-05	4.42E-07	4.66E-07	4.18E-06	4.44E-06	2.01E-07	1.98E-07	4.7329E-05
607087.8	4201408.22	26688.06309	0.04342	0.04452	0.22788	0.23639	0.06649	0.06539	3.77E-05	2.61E-07	2.72E-07	2.23E-06	2.30E-06	2.33E-07	2.29E-07	4.2756E-05
607207.8	4201288.22	26674.92318	0.08401	0.088	0.49968	0.53676	0.0558	0.05508	3.77E-05	5.06E-07	5.37E-07	4.88E-06	5.22E-06	1.95E-07	1.92E-07	4.8823E-05
607267.8	4201208.22	26608.86148	0.17012	0.18364	0.94285	1.07121	0.05067	0.05013	3.76E-05	1.02E-06	1.12E-06	9.21E-06	1.04E-05	1.77E-07	1.75E-07	5.9357E-05
607067.8	4201428.22	26576.32892	0.03993	0.04082	0.20677	0.21395	0.06844	0.06726	3.75E-05	2.40E-07	2.49E-07	2.02E-06	2.08E-06	2.40E-07	2.35E-07	4.2131E-05
607227.8	4201268.22	26540.85957	0.09881	0.10408	0.59971	0.6508	0.05419	0.05352	3.75E-05	5.95E-07	6.35E-07	5.86E-06	6.33E-06	1.90E-07	1.87E-07	5.0907E-05
607307.8	4201148.22	26507.94422	0.45058	0.53166	1.97295	2.57589	0.04722	0.0468	3.74E-05	2.71E-06	3.24E-06	1.93E-05	2.51E-05	1.65E-07	1.64E-07	8.7720E-05
607247.8	4201248.22	26373.7891	0.11891	0.12616	0.74098	0.81719	0.05264	0.05202	3.73E-05	7.16E-07	7.70E-07	7.24E-06	7.95E-06	1.84E-07	1.82E-07	5.3924E-05
607287.8	4201188.22	26363.91913	0.23124	0.25489	1.31007	1.57568	0.04918	0.04869	3.72E-05	1.39E-06	1.55E-06	1.28E-05	1.53E-05	1.72E-07	1.70E-07	6.8307E-05
607147.8	4201368.22	26254.86154	0.05427	0.05622	0.3208	0.33757	0.06116	0.06022	3.71E-05	3.27E-07	3.43E-07	3.13E-06	3.28E-06	2.14E-07	2.10E-07	4.4173E-05
607167.8	4201348.22	26253.02684	0.06049	0.06286	0.36845	0.3908	0.05942	0.05855	3.71E-05	3.64E-07	3.83E-07	3.60E-06	3.80E-06	2.08E-07	2.05E-07	4.5231E-05
607127.8	4201388.22	26228.71242	0.04915	0.05076	0.28227	0.29508	0.06295	0.06195	3.70E-05	2.96E-07	3.10E-07	2.76E-06	2.87E-06	2.20E-07	2.16E-07	4.3282E-05
607187.8	4201328.22	26227.34356	0.06815	0.07106	0.42831	0.45782	0.05776	0.05694	3.70E-05	4.10E-07	4.33E-07	4.18E-06	4.45E-06	2.02E-07	1.99E-07	4.6527E-05
607267.8	4201228.22	26174.0183	0.14861	0.15933	0.9652	1.0936	0.05112	0.05055	3.70E-05	8.95E-07	9.72E-07	9.43E-06	1.06E-05	1.79E-07	1.77E-07	5.8901E-05
607207.8	4201308.22	26166.58742	0.07769	0.0812	0.50504	0.54345	0.05614	0.05538	3.70E-05	4.68E-07	4.95E-07	4.93E-06	5.29E-06	1.97E-07	1.94E-07	4.8143E-05
607107.8	4201408.22	26163.65771	0.04488	0.04621	0.25122	0.26136	0.06477	0.0637	3.70E-05	2.70E-07	2.82E-07	2.45E-06	2.54E-06	2.27E-07	2.23E-07	4.2505E-05
607307.8	4201168.22	26104.15436	0.3424	0.39319	2.03248	2.67489	0.04774	0.04729	3.69E-05	2.06E-06	2.40E-06	1.98E-05	2.60E-05	1.67E-07	1.65E-07	8.7198E-05
607087.8	4201428.22	26070.86382	0.0412	0.0423	0.22589	0.23428	0.06663	0.06549	3.68E-05	2.48E-07	2.58E-07	2.21E-06	2.28E-06	2.33E-07	2.29E-07	4.1818E-05
607227.8	4201288.22	26059.69848	0.09031	0.0948	0.60809	0.66023	0.05456	0.05385	3.68E-05	5.44E-07	5.78E-07	5.94E-06	6.42E-06	1.91E-07	1.88E-07	5.0293E-05
607287.8	4201208.22	25951.20829	0.1944	0.21185	1.34409	1.60397	0.04965	0.04912	3.67E-05	1.17E-06	1.29E-06	1.31E-05	1.56E-05	1.74E-07	1.72E-07	6.7847E-05
607247.8	4201268.22	25919.76289	0.10703	0.11301	0.75095	0.82959	0.05302	0.05237	3.66E-05	6.44E-07	6.89E-07	7.33E-06	8.07E-06	1.86E-07	1.83E-07	5.3349E-05
607267.8	4201248.22	25743.61222	0.13127	0.13982	0.98076	1.10993	0.05153	0.05092	3.64E-05	7.90E-07	8.53E-07	9.58E-06	1.08E-05	1.80E-07	1.78E-07	5.8381E-05
607307.8	4201188.22	25708.95699	0.27233	0.30614	2.09956	2.74205	0.04823	0.04774	3.63E-05	1.64E-06	1.87E-06	2.05E-05	2.67E-05	1.69E-07	1.67E-07	8.6995E-05
607167.8	4201368.22	25708.0522	0.05649	0.05862	0.36534	0.38689	0.05965	0.05874	3.63E-05	3.40E-07	3.58E-07	3.57E-06	3.76E-06	2.09E-07	2.05E-07	4.4343E-05
607187.8	4201348.22	25699.15186	0.06332	0.06588	0.42602	0.45569	0.05801	0.05716	3.63E-05	3.81E-07	4.02E-07	4.16E-06	4.43E-06	2.03E-07	2.00E-07	4.5677E-05
607147.8	4201388.22	25695.96744	0.05092	0.05271	0.31748	0.33339	0.06136	0.06039	3.63E-05	3.07E-07	3.22E-07	3.10E-06	3.24E-06	2.15E-07	2.11E-07	4.3268E-05
607207.8	4201328.22	25662.1753	0.07184	0.07496	0.50495	0.5451	0.05642	0.05563	3.62E-05	4.33E-07	4.57E-07	4.93E-06	5.30E-06	1.98E-07	1.94E-07	4.7372E-05
607127.8	4201408.22	25652.87993	0.04632	0.04783	0.2792	0.29147	0.06311	0.06207	3.62E-05	2.79E-07	2.92E-07	2.73E-06	2.83E-06	2.21E-07	2.17E-07	4.2369E-05
607227.8	4201308.22	25581.48815	0.08284	0.08675	0.61169	0.66554	0.05487	0.05413	3.61E-05	4.99E-07	5.29E-07	5.97E-06	6.47E-06	1.92E-07	1.89E-07	4.9610E-05
607107.8	4201428.22	25575.00896	0.04243	0.0437	0.24853	0.25845	0.06488	0.06378	3.61E-05	2.55E-07	2.67E-07	2.43E-06	2.51E-06	2.27E-07	2.23E-07	4.1589E-05
607287.8	4201228.22	25542.6279	0.16682	0.18007	1.37476	1.62564	0.05008	0.04951	3.61E-05	1.00E-06	1.10E-06	1.34E-05	1.58E-05	1.75E-07	1.73E-07	6.7420E-05
607247.8	4201288.22	25465.75789	0.09736	0.10242	0.76149	0.83973	0.05335	0.05266	3.60E-05	5.86E-07	6.25E-07	7.44E-06	8.17E-06	1.87E-07	1.84E-07	5.2787E-05
607307.8	4201208.22	25318.75465	0.22396	0.24764	2.16176	2.7811	0.04866	0.04814	3.58E-05	1.35E-06	1.51E-06	2.11E-05	2.70E-05	1.70E-07	1.68E-07	8.6783E-05
607267.8	4201268.22	25315.65215	0.11727	0.12423	0.99142	1.12154	0.05188	0.05124	3.58E-05	7.06E-07	7.58E-07	9.68E-06	1.09E-05	1.82E-07	1.79E-07	5.7814E-05
607187.8	4201368.22	25177.79435	0.05901	0.06122	0.42179	0.45036	0.0582	0.05732	3.56E-05	3.55E-07	3.73E-07	4.12E-06	4.38E-06	2.04E-07	2.00E-07	4.4793E-05
607167.8	4201388.22	25175.98132	0.05288	0.05476	0.36096	0.38127	0.05983	0.05889	3.56E-05	3.18E-07	3.34E-07	3.53E-06	3.71E-06	2.09E-07	2.06E-07	4.3449E-05
607207.8	4201348.22	25163.58873	0.0666	0.06928	0.5016	0.54242	0.05665	0.05583	3.55E-05	4.01E-07	4.23E-07	4.90E-06	5.28E-06	1.98E-07	1.95E-07	4.6543E-05
607147.8	4201408.22	25149.9273	0.04788	0.04948	0.31331	0.32842	0.0615	0.0605	3.55E-05	2.88E-07	3.02E-07	3.06E-06	3.19E-06	2.15E-07	2.11E-07	4.2370E-05
607287.8	4201248.22	25136.98998	0.14564	0.156	1.39624	1.64278	0.05045	0.04985	3.55E-05	8.77E-07	9.52E-07	1.36E-05	1.60E-05	1.77E-07	1.74E-07	6.6949E-05
607227.8	4201328.22	25107.33104	0.07625	0.07957	0.61066	0.66734	0.05513	0.05435	3.55E-05	4.59E-07	4.85E-07	5.96E-06	6.49E-06	1.93E-07	1.90E-07	4.8864E-05
607127.8	4201428.22	25092.66277	0.04371	0.04508	0.27561	0.28749	0.06321	0.06214	3.54E-05	2.63E-07	2.75E-07	2.69E-06	2.80E-06	2.21E-07	2.17E-07	4.1471E-05
607247.8	4201308.22	25014.88569	0.08878	0.09309	0.76579	0.84623	0.05364	0.05291	3.53E-05	5.35E-07	5.68E-07	7.48E-06	8.23E-06	1.88E-07	1.85E-07	5.2146E-05
607307.8	4201228.22	24932.68364	0.18887	0.2063	2.21814	2.80646	0.04906	0.0485	3.52E-05	1.14E-06	1.26E-06	2.17E-05	2.73E-05	1.72E-07	1.69E-07	8.6572E-05
607267.8	4201288.22	24891.09916	0.10543	0.11128	0.9991	1.12983	0.05219	0.05152	3.52E-05	6.35E-07	6.79E-07	9.76E-06	1.10E-05	1.83E-07	1.80E-07	5.7219E-05
607287.8	4201268.22	24733.56025	0.12866	0.13714	1.40498	1.65468	0.05078	0.05015	3.49E-05	7.75E-07	8.37E-07	1.37E-05	1.61E-05	1.78E-07	1.75E-07	6.6363E-05
607187.8	4201388.22	24670.40666	0.05517	0.05708	0.41595	0.44261	0.05835	0.05744	3.48E-05	3.32E-07	3.48E-07	4.06E-06	4.30E-06	2.04E-07	2.01E-07	4.3896E-05
607207.8	4201368.22	24667.9267	0.06198	0.06426	0.49573	0.53516	0.05682	0.05596	3.48E-05	3.73E-07	3.92E-07	4.84E-06	5.20E-06	1.99E-07	1.96E-07	4.5656E-05
607167.8	4201408.22	24657.5603	0.04966	0.05129	0.35548	0.37448	0.05995	0.05898	3.48E-05	2.99E-07	3.13E-07	3.47E-06	3.64E-06	2.10E-07	2.06E-07	4.2556E-05
607227.8	4201348.22	24638.32752	0.07048	0.07331	0.60518	0.66373	0.05533	0.05453	3.48E-05	4.24E-07	4.47E-07	5.91E-06	6.46E-06	1.94E-07	1.91E-07	4.8040E-05
607147.8	4201428.22	24619.51312	0.04512	0.04654	0.30851	0.32299	0.06159	0.06056	3.48E-05	2.72E-07	2.84E-07	3.01E-06	3.14E-06	2.16E-07	2.12E-07	4.1487E-05
607247.8	4201328.22	24568.05127	0.08136	0.08502	0.76392	0.84844	0.05387	0.05312	3.47E-05	4.90E-07	5.19E-07	7.46E-06	8.25E-06	1.89E-07	1.86E-07	5.1425E-05
607307.8	4201248.22	24549.94405	0.16239	0.17574	2.25472	2.82471	0.0494	0.04882	3.47E-05	9.78E-07	1.07E-06	2.20E-05	2.75E-05	1.73E-07	1.71E-07	8.6220E-05
607267.8	4201308.22	24466.15686	0.09557	0.10049	1.00584	1.13766	0.05245	0.05174	3.46E-05	5.75E-07	6.13E-07	9.82E-06	1.11E-05	1.84E-07	1.81E-07	5.6636E-05
607287.8	4201288.22	24332.79017	0.11476	0.12172	1.41168	1.66418	0.05106	0.0504	3.44E-05	6.91E-07	7.42E-07	1.38E-05	1.62E-05	1.79E-07	1.76E-07	6.5777E-05
607207.8	4201388.22	24178.48168	0.05789	0.05984	0.48758	0.52396	0.05693	0.05604	3.42E-05	3.49E-07	3.65E-07	4.76E-06	5.10E-06	1.99E-07	1.96E-07	4.4725E-05
607187.8	4201408.22	24175.83985	0.05178	0.05341	0.40875	0.43334	0.05846	0.05751	3.42E-05	3.12E-07	3.26E-07	3.99E-06	4.21E-06	2.05E-07	2.01E-07	4.2994E-05
607227.8	4201368.22	24171.89747	0.06542	0.06785	0.59648	0.65371	0.05549	0.05465	3.41E-05	3.94E-07	4.14E-07	5.83E-06	6.36E-06	1.94E-07	1.91E-07	4.7135E-05
607307.8	4201268.22	24171.1412	0.1417	0.15214	2.25491	2.83758	0.04971	0.04909	3.41E-05	8.53E-07	9.28E-07	2.20E-05	2.76E-05	1.74E-07	1.72E-07	8.5543E-05
607167.8	4201428.22	24152.44104	0.04678	0.04819	0.34915	0.36716	0.06003	0.05902	3.41E-05	2.82E-07	2.94E-07	3.41E-06	3.57E-06	2.10E-07	2.06E-07	4.1673E-05
607247.8	4201348.22	24124.44732	0.07492	0.07805	0.75487	0.84369	0.05406	0.05327	3.41E-05	4.51E-07	4.76E-07	7.37E-06	8.21E-06	1.89E-07	1.86E-07	5.0582E-05
607267.8	4201328.22	24043.62376	0.08714	0.09133	1.00369	1.14056	0.05266	0.05192	3.40E-05	5.25E-07	5.57E-07	9.80E-06	1.11E-05	1.84E-07	1.81E-07	5.5940E-05
607287.8	4201308.22	23933.18899	0.10327	0.10905	1.42235	1.67258	0.0513	0.0506	3.38E-05	6.22E-07	6.65E-07	1.39E-05	1.63E-05	1.80E-07	1.77E-07	6.5252E-05
607307.8	4201288.22	23792.69769	0.12528	0.13368	2.25161	2.84877	0.04997	0.04932	3.36E-05	7.54E-07	8.15E-07	2.20E-05	2.77E-05	1.75E-07	1.72E-07	8.4874E-05
607227.8	4201388.22	23708.88996	0.06096	0.06305	0.58509	0.63756	0.05558	0.05472	3.35E-05	3.67E-07	3.85E-07	5.71E-06	6.20E-06	1.95E-07	1.91E-07	4.6157E-05
607207.8	4201408.22	23706.42351	0.05424	0.05592	0.47785	0.51085	0.05701	0.0561	3.35E-05	3.27E-07	3.41E-07	4.67E-06	4.97E-06	2.00E-07	1.96E-07	4.3790E-05
607187.8	4201428.22	23692.03151	0.04872	0.05013	0.40034	0.42328	0.05851	0.05754	3.35E-05	2.93E-07	3.06E-07	3.91E-06	4.12E-06	2.05E-07	2.01E-07	4.2092E-05
607247.8	4201368.22	23684.88198	0.06931	0.07201	0.74095	0.82928	0.05419	0.05338	3.35E-05	4.17E-07	4.39E-07	7.24E-06	8.07E-06	1.90E-07	1.87E-07	4.9614E-05
607267.8	4201348.22	23625.52907	0.07989	0.08345	0.98814	1.13428	0.05282	0.05206	3.34E-05	4.81E-07	5.09E-07	9.65E-06	1.10E-05	1.85E-07	1.82E-07	5.5044E-05
607287.8	4201328.22	23536.9656	0.0936	0.09844	1.42281	1.67688	0.05149	0.05077	3.32E-05	5.64E-07	6.00E-07	1.39E-05	1.63E-05	1.80E-07	1.77E-07	6.4615E-05
607307.8	4201308.22	23416.1193	0.11189	0.11877	2.26925	2.85812	0.05018	0.04951	3.31E-05	6.74E-07	7.24E-07	2.22E-05	2.78E-05	1.76E-07	1.73E-07	8.4433E-05
607227.8	4201408.22	23252.09612	0.05702	0.05884	0.57107	0.61753	0.05563	0.05474	3.28E-05	3.43E-07	3.59E-07	5.58E-06	6.01E-06	1.95E-07	1.91E-07	4.5130E-05
607247.8	4201388.22	23246.0998	0.06439	0.06673	0.72364	0.80433	0.05427	0.05343	3.28E-05	3.88E-07	4.07E-07	7.07E-06	7.82E-06	1.90E-07	1.87E-07	4.8521E-05
607207.8	4201428.22	23244.33081	0.05095	0.05242	0.46655	0.49668	0.05705	0.05611	3.28E-05	3.07E-07	3.20E-07	4.56E-06	4.83E-06	2.00E-07	1.96E-07	4.2848E-05
607267.8	4201368.22	23208.84965	0.07362	0.07669	0.9635	1.11208	0.05294	0.05215	3.28E-05	4.43E-07	4.68E-07	9.41E-06	1.08E-05	1.85E-07	1.82E-07	5.3920E-05
607287.8	4201348.22	23143.01113	0.08538	0.08949	1.39543	1.6688	0.05164	0.05089	3.27E-05	5.14E-07	5.46E-07	1.36E-05	1.62E-05	1.81E-07	1.78E-07	6.3609E-05
607307.8	4201328.22	23041.53433	0.10081	0.1065	2.28533	2.86435	0.05035	0.04965	3.25E-05	6.07E-07	6.50E-07	2.23E-05	2.79E-05	1.76E-07	1.74E-07	8.3980E-05
607247.8	4201408.22	22813.56255	0.06009	0.06213	0.70348	0.77329	0.05431	0.05345	3.22E-05	3.62E-07	3.79E-07	6.87E-06	7.52E-06	1.90E-07	1.87E-07	4.7357E-05
607227.8	4201428.22	22809.60038	0.05345	0.05505	0.55529	0.59667	0.05565	0.05474	3.22E-05	3.22E-07	3.36E-07	5.42E-06	5.80E-06	1.95E-07	1.91E-07	4.4104E-05
607267.8	4201388.22	22796.97408	0.06816	0.07081	0.93522	1.07164	0.05301	0.0522	3.22E-05	4.10E-07	4.32E-07	9.13E-06	1.04E-05	1.86E-07	1.82E-07	5.2600E-05
607287.8	4201368.22	22749.77734	0.07836	0.08185	1.34641	1.6324	0.05174	0.05097	3.21E-05	4.72E-07	4.99E-07	1.31E-05	1.59E-05	1.81E-07	1.78E-07	6.2132E-05
607307.8	4201348.22	22669.62098	0.09148	0.09625	2.23712	2.85457	0.05048	0.04976	3.20E-05	5.51E-07	5.87E-07	2.18E-05	2.78E-05	1.77E-07	1.74E-07	8.2770E-05
607247.8	4201428.22	22395.87696	0.0562	0.058	0.68118	0.74188	0.05432	0.05344	3.16E-05	3.38E-07	3.54E-07	6.65E-06	7.22E-06	1.90E-07	1.87E-07	4.6196E-05
607267.8	4201408.22	22394.08813	0.06334	0.06566	0.90513	1.02084	0.05305	0.05222	3.16E-05	3.81E-07	4.01E-07	8.84E-06	9.93E-06	1.86E-07	1.82E-07	5.1183E-05
607287.8	4201388.22	22362.28175	0.07226	0.07528	1.29256	1.55898	0.0518	0.05101	3.16E-05	4.35E-07	4.59E-07	1.26E-05	1.52E-05	1.81E-07	1.78E-07	6.0268E-05
607307.8	4201368.22	22299.93277	0.08355	0.08758	2.11922	2.78616	0.05057	0.04983	3.15E-05	5.03E-07	5.34E-07	2.07E-05	2.71E-05	1.77E-07	1.74E-07	8.0331E-05
607267.8	4201428.22	22003.02639	0.05906	0.0611	0.87122	0.96824	0.05307	0.05221	3.11E-05	3.56E-07	3.73E-07	8.51E-06	9.42E-06	1.86E-07	1.82E-07	4.9734E-05
607287.8	4201408.22	21980.04377	0.06695	0.06955	1.23794	1.45686	0.05183	0.05102	3.10E-05	4.03E-07	4.24E-07	1.21E-05	1.42E-05	1.81E-07	1.78E-07	5.8134E-05
607307.8	4201388.22	21932.03458	0.07677	0.08021	1.98836	2.62369	0.05062	0.04985	3.10E-05	4.62E-07	4.89E-07	1.94E-05	2.55E-05	1.77E-07	1.74E-07	7.6867E-05
607287.8	4201428.22	21602.6431	0.06228	0.06454	1.17803	1.35098	0.05182	0.05099	3.05E-05	3.75E-07	3.94E-07	1.15E-05	1.31E-05	1.81E-07	1.78E-07	5.5928E-05
607307.8	4201408.22	21569.25027	0.07088	0.07385	1.86778	2.36873	0.05064	0.04985	3.05E-05	4.27E-07	4.50E-07	1.82E-05	2.30E-05	1.77E-07	1.74E-07	7.2623E-05
607307.8	4201428.22	21211.20141	0.06574	0.06832	1.74669	2.11236	0.05062	0.04982	3.00E-05	3.96E-07	4.17E-07	1.71E-05	2.05E-05	1.77E-07	1.74E-07	6.8377E-05

Ranch EIR Residential Project Construction Parameters

Phase 3

Construction Annual Total PM2.5 (Total PM2.5) **Mitigated Concentrations**

Annual Average Onsite DPM Rate (grams/m2/sec): 5.63E-09
Annual Average Offsite DPM Emission Rate - Road 1 (grams/sec): 2.51E-04
Annual Average Offsite DPM Emission Rate - Road 2 (grams/sec): 2.54E-04
Annual Average Offsite DPM Emission Rate - Road 3 (grams/sec): 4.07E-04
Annual Average Offsite DPM Emission Rate - Road 4 (grams/sec): 4.06E-04
Annual Average Offsite DPM Emission Rate - Road 5 (grams/sec): 1.46E-04
Annual Average Offsite DPM Emission Rate - Road 6 (grams/sec): 1.46E-04

X	Y	Onsite Phase 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 1 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 2 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 3 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 4 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 5 Unit Emissions VALUES AVERAGED AVERAGE CONC	Offsite-Road 6 Unit Emissions VALUES AVERAGED AVERAGE CONC	Onsite Phase 3 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 1 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 2 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 3 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 4 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 5 Annual PM2.5 Total w/Actual Emissions (ug/m3)	Offsite-Road 6 Annual PM2.5 Total w/Actual Emissions (ug/m3)	**Total DPM (ug/m3)**
606771.32	4200808.57	155511.5541	0.08488	0.08498	0.04666	0.04498	0.03495	0.03568	8.75E-04	2.13E-05	2.16E-05	1.90E-05	1.82E-05	5.10E-06	5.20E-06	9.5505E-04
606787.8	4200808.22	144532.8459	0.08645	0.08689	0.04598	0.04418	0.03523	0.03594	8.13E-04	2.17E-05	2.21E-05	1.87E-05	1.79E-05	5.14E-06	5.24E-06	8.9357E-04
606807.8	4200808.22	129919.5236	0.09263	0.09273	0.04694	0.04487	0.0354	0.03608	7.31E-04	2.33E-05	2.36E-05	1.91E-05	1.82E-05	5.17E-06	5.26E-06	8.1507E-04
606827.8	4200808.22	117918.5764	0.09855	0.09846	0.04723	0.04515	0.03554	0.0362	6.63E-04	2.48E-05	2.51E-05	1.92E-05	1.83E-05	5.19E-06	5.28E-06	7.5073E-04
606847.8	4200808.22	107817.4147	0.10527	0.10493	0.04756	0.04536	0.03565	0.03629	6.07E-04	2.64E-05	2.67E-05	1.94E-05	1.84E-05	5.21E-06	5.29E-06	6.9746E-04
606867.8	4200808.22	99211.71167	0.11284	0.11219	0.04773	0.04526	0.03573	0.03634	5.58E-04	2.83E-05	2.85E-05	1.94E-05	1.84E-05	5.22E-06	5.30E-06	6.5282E-04
606887.8	4200808.22	91866.24705	0.12011	0.1193	0.04774	0.04539	0.0358	0.03637	5.17E-04	3.02E-05	3.04E-05	1.94E-05	1.84E-05	5.23E-06	5.30E-06	6.1519E-04
606907.8	4200808.22	85466.45737	0.12864	0.12706	0.04822	0.04576	0.03583	0.03638	4.81E-04	3.23E-05	3.23E-05	1.96E-05	1.86E-05	5.23E-06	5.30E-06	5.8365E-04
606927.8	4200808.22	79890.25681	0.13855	0.13642	0.04848	0.04592	0.03585	0.03638	4.49E-04	3.48E-05	3.47E-05	1.97E-05	1.86E-05	5.24E-06	5.30E-06	5.5732E-04
606947.8	4200808.22	74967.92316	0.14935	0.14655	0.04867	0.04599	0.03586	0.03636	4.22E-04	3.75E-05	3.73E-05	1.98E-05	1.87E-05	5.24E-06	5.30E-06	5.3502E-04
606767.8	4200828.22	155309.5667	0.07943	0.08004	0.04887	0.04722	0.03696	0.0377	8.74E-04	1.99E-05	2.04E-05	1.99E-05	1.92E-05	5.40E-06	5.49E-06	9.5310E-04
606787.8	4200828.22	140336.6	0.08291	0.08356	0.04949	0.04763	0.03723	0.03795	7.89E-04	2.08E-05	2.13E-05	2.02E-05	1.93E-05	5.44E-06	5.53E-06	8.7105E-04
606807.8	4200828.22	126036.0946	0.08872	0.08925	0.05015	0.04814	0.03734	0.03803	7.09E-04	2.23E-05	2.27E-05	2.04E-05	1.95E-05	5.45E-06	5.54E-06	7.9398E-04
606827.8	4200828.22	114396.0238	0.09503	0.0954	0.05072	0.0484	0.03742	0.03808	6.44E-04	2.39E-05	2.43E-05	2.07E-05	1.96E-05	5.46E-06	5.55E-06	7.3199E-04
606847.8	4200828.22	104780.2993	0.10165	0.10182	0.05108	0.04874	0.0375	0.03812	5.89E-04	2.55E-05	2.59E-05	2.08E-05	1.98E-05	5.48E-06	5.56E-06	6.8147E-04
606867.8	4200828.22	96634.10726	0.10898	0.10885	0.05159	0.04908	0.03755	0.03815	5.44E-04	2.74E-05	2.77E-05	2.10E-05	1.99E-05	5.48E-06	5.56E-06	6.3962E-04
606887.8	4200828.22	89601.82619	0.11633	0.11618	0.05164	0.04914	0.03757	0.03814	5.04E-04	2.92E-05	2.96E-05	2.10E-05	1.99E-05	5.49E-06	5.56E-06	6.0381E-04
606907.8	4200828.22	83469.99993	0.12471	0.12391	0.05224	0.0496	0.03757	0.03811	4.70E-04	3.13E-05	3.15E-05	2.13E-05	2.01E-05	5.49E-06	5.55E-06	5.7382E-04
606927.8	4200828.22	78101.12581	0.13491	0.13348	0.05275	0.04996	0.03755	0.03806	4.39E-04	3.39E-05	3.40E-05	2.15E-05	2.03E-05	5.48E-06	5.55E-06	5.4897E-04
606947.8	4200828.22	73360.72938	0.14597	0.14392	0.05313	0.05019	0.03751	0.038	4.13E-04	3.67E-05	3.66E-05	2.16E-05	2.04E-05	5.48E-06	5.54E-06	5.2798E-04
606967.8	4200828.22	69128.02533	0.15835	0.1555	0.05344	0.05035	0.03745	0.03792	3.89E-04	3.98E-05	3.96E-05	2.18E-05	2.04E-05	5.47E-06	5.53E-06	5.1042E-04
606987.8	4200828.22	65328.63306	0.1721	0.16843	0.05365	0.05042	0.03738	0.03781	3.68E-04	4.32E-05	4.29E-05	2.19E-05	2.05E-05	5.46E-06	5.51E-06	4.9590E-04
606747.8	4200848.22	161980.7128	0.07322	0.07409	0.05153	0.05004	0.03871	0.03948	9.11E-04	1.84E-05	1.89E-05	2.10E-05	2.03E-05	5.65E-06	5.75E-06	9.8978E-04
606767.8	4200848.22	147197.3767	0.07637	0.0772	0.05195	0.05034	0.03902	0.03976	8.28E-04	1.92E-05	1.96E-05	2.12E-05	2.04E-05	5.70E-06	5.80E-06	9.0849E-04
606787.8	4200848.22	133908.0436	0.07951	0.08048	0.05277	0.05093	0.03926	0.03998	7.53E-04	2.00E-05	2.05E-05	2.15E-05	2.07E-05	5.73E-06	5.83E-06	8.3592E-04
606807.8	4200848.22	120945.0068	0.08497	0.08588	0.05356	0.05147	0.03933	0.04002	6.80E-04	2.13E-05	2.18E-05	2.18E-05	2.09E-05	5.74E-06	5.83E-06	7.6628E-04
606827.8	4200848.22	110265.7756	0.09086	0.09168	0.05414	0.05168	0.03939	0.04004	6.20E-04	2.28E-05	2.33E-05	2.21E-05	2.10E-05	5.75E-06	5.84E-06	7.0948E-04
606847.8	4200848.22	101293.5131	0.09686	0.09802	0.05473	0.05214	0.03942	0.04004	5.70E-04	2.43E-05	2.49E-05	2.23E-05	2.12E-05	5.76E-06	5.84E-06	6.6255E-04
606867.8	4200848.22	93645.49235	0.10405	0.105	0.05544	0.05268	0.03942	0.04001	5.27E-04	2.61E-05	2.67E-05	2.26E-05	2.14E-05	5.76E-06	5.83E-06	6.2362E-04
606887.8	4200848.22	87017.45345	0.11154	0.11218	0.05584	0.05323	0.0394	0.03996	4.90E-04	2.80E-05	2.85E-05	2.27E-05	2.16E-05	5.75E-06	5.82E-06	5.9042E-04
606907.8	4200848.22	81223.29463	0.12016	0.12015	0.05661	0.05383	0.03936	0.03989	4.57E-04	3.02E-05	3.06E-05	2.31E-05	2.18E-05	5.75E-06	5.81E-06	5.6258E-04
606927.8	4200848.22	76116.92934	0.13044	0.12983	0.05739	0.05442	0.03929	0.03979	4.28E-04	3.28E-05	3.30E-05	2.34E-05	2.21E-05	5.74E-06	5.80E-06	5.3945E-04
606947.8	4200848.22	71589.55421	0.1417	0.14051	0.05805	0.05487	0.03921	0.03968	4.03E-04	3.56E-05	3.57E-05	2.36E-05	2.23E-05	5.73E-06	5.78E-06	5.1998E-04
606967.8	4200848.22	67542.69697	0.15423	0.1523	0.05861	0.05523	0.03911	0.03955	3.80E-04	3.87E-05	3.87E-05	2.39E-05	2.24E-05	5.71E-06	5.76E-06	5.0373E-04
606987.8	4200848.22	63902.86705	0.16822	0.16553	0.05905	0.05548	0.03899	0.0394	3.59E-04	4.22E-05	4.21E-05	2.41E-05	2.25E-05	5.69E-06	5.74E-06	4.9042E-04
607107.8	4200848.22	47948.54902	0.30118	0.28705	0.05941	0.0552	0.03792	0.03819	2.70E-04	7.56E-05	7.30E-05	2.42E-05	2.24E-05	5.54E-06	5.57E-06	4.6501E-04
607127.8	4200848.22	45981.50889	0.33611	0.31796	0.05919	0.05502	0.03769	0.03795	2.59E-04	8.44E-05	8.09E-05	2.41E-05	2.23E-05	5.50E-06	5.53E-06	4.7041E-04
607147.8	4200848.22	44152.93426	0.37708	0.35414	0.05906	0.05496	0.03745	0.03769	2.48E-04	9.47E-05	9.01E-05	2.41E-05	2.23E-05	5.47E-06	5.49E-06	4.7954E-04
607167.8	4200848.22	42453.86219	0.42527	0.39626	0.05896	0.05493	0.03721	0.03742	2.39E-04	1.07E-04	1.01E-04	2.40E-05	2.23E-05	5.43E-06	5.45E-06	4.9275E-04
607187.8	4200848.22	40866.82242	0.48374	0.44686	0.05904	0.0551	0.03695	0.03714	2.30E-04	1.21E-04	1.14E-04	2.40E-05	2.24E-05	5.40E-06	5.41E-06	5.1148E-04
607207.8	4200848.22	39381.27565	0.55629	0.50873	0.05937	0.0555	0.03668	0.03685	2.22E-04	1.40E-04	1.29E-04	2.42E-05	2.25E-05	5.36E-06	5.37E-06	5.3738E-04
607227.8	4200848.22	37993.42726	0.64634	0.58449	0.0597	0.05577	0.0364	0.03656	2.14E-04	1.62E-04	1.49E-04	2.43E-05	2.26E-05	5.32E-06	5.33E-06	5.7171E-04
606747.8	4200868.22	151565.5533	0.06964	0.07075	0.05426	0.05284	0.04093	0.0417	8.53E-04	1.75E-05	1.80E-05	2.21E-05	2.14E-05	5.98E-06	6.08E-06	9.3169E-04
606767.8	4200868.22	139104.5775	0.07232	0.07347	0.05474	0.0532	0.04122	0.04196	7.83E-04	1.82E-05	1.87E-05	2.23E-05	2.16E-05	6.02E-06	6.12E-06	8.6329E-04
606787.8	4200868.22	126866.2019	0.07499	0.07653	0.05533	0.05361	0.04138	0.04209	7.14E-04	1.88E-05	1.95E-05	2.25E-05	2.17E-05	6.04E-06	6.13E-06	7.9630E-04
606807.8	4200868.22	115396.975	0.08024	0.08198	0.05663	0.05445	0.04142	0.04209	6.49E-04	2.02E-05	2.09E-05	2.31E-05	2.21E-05	6.05E-06	6.13E-06	7.3535E-04
606827.8	4200868.22	105751.2079	0.08613	0.0876	0.0578	0.05523	0.04143	0.04207	5.95E-04	2.16E-05	2.23E-05	2.35E-05	2.24E-05	6.05E-06	6.13E-06	6.8479E-04
606847.8	4200868.22	97514.3627	0.09216	0.09377	0.05865	0.05603	0.04141	0.04201	5.49E-04	2.31E-05	2.39E-05	2.39E-05	2.27E-05	6.05E-06	6.12E-06	6.4221E-04
606867.8	4200868.22	90422.1408	0.09897	0.10064	0.05926	0.0568	0.04136	0.04194	5.09E-04	2.49E-05	2.56E-05	2.41E-05	2.30E-05	6.04E-06	6.11E-06	6.0633E-04
606887.8	4200868.22	84242.24064	0.10635	0.10759	0.06025	0.05759	0.04129	0.04184	4.74E-04	2.67E-05	2.74E-05	2.45E-05	2.34E-05	6.03E-06	6.10E-06	5.7591E-04
606907.8	4200868.22	78809.36958	0.11494	0.1156	0.0613	0.05841	0.0412	0.04171	4.43E-04	2.89E-05	2.94E-05	2.50E-05	2.37E-05	6.02E-06	6.08E-06	5.5030E-04
606927.8	4200868.22	73997.35032	0.1252	0.12524	0.06236	0.05926	0.04109	0.04157	4.16E-04	3.14E-05	3.19E-05	2.54E-05	2.40E-05	6.00E-06	6.06E-06	5.2903E-04
606947.8	4200868.22	69706.90848	0.13646	0.1362	0.06338	0.06002	0.04095	0.0414	3.92E-04	3.43E-05	3.47E-05	2.58E-05	2.43E-05	5.98E-06	6.03E-06	5.1124E-04
607047.8	4200868.22	53764.24621	0.21797	0.21262	0.06661	0.06198	0.04002	0.04034	3.02E-04	5.47E-05	5.41E-05	2.71E-05	2.51E-05	5.84E-06	5.88E-06	4.6357E-04
607067.8	4200868.22	51356.04765	0.24166	0.23438	0.06683	0.06201	0.03979	0.04008	2.89E-04	6.07E-05	5.96E-05	2.72E-05	2.52E-05	5.81E-06	5.84E-06	4.6161E-04
607087.8	4200868.22	49135.90153	0.2691	0.25943	0.06693	0.06197	0.03954	0.03981	2.76E-04	6.76E-05	6.60E-05	2.73E-05	2.51E-05	5.77E-06	5.80E-06	4.6241E-04
607107.8	4200868.22	47085.71378	0.30081	0.28785	0.06688	0.06184	0.03928	0.03953	2.65E-04	7.55E-05	7.32E-05	2.72E-05	2.51E-05	5.74E-06	5.76E-06	4.6600E-04
607127.8	4200868.22	45185.63022	0.33783	0.3207	0.06674	0.06168	0.03901	0.03924	2.54E-04	8.48E-05	8.16E-05	2.72E-05	2.50E-05	5.70E-06	5.72E-06	4.7284E-04
607147.8	4200868.22	43418.73887	0.38147	0.35914	0.06656	0.06154	0.03873	0.03893	2.44E-04	9.58E-05	9.14E-05	2.71E-05	2.50E-05	5.66E-06	5.67E-06	4.8351E-04
607167.8	4200868.22	41772.40418	0.4335	0.40452	0.06643	0.06147	0.03844	0.03862	2.35E-04	1.09E-04	1.03E-04	2.71E-05	2.49E-05	5.61E-06	5.63E-06	4.9878E-04
607187.8	4200868.22	40234.12324	0.49695	0.45919	0.06644	0.06158	0.03814	0.0383	2.26E-04	1.25E-04	1.17E-04	2.71E-05	2.50E-05	5.57E-06	5.58E-06	5.2002E-04
607207.8	4200868.22	38795.57671	0.57552	0.52578	0.06658	0.06182	0.03783	0.03797	2.18E-04	1.45E-04	1.34E-04	2.71E-05	2.51E-05	5.52E-06	5.53E-06	5.4876E-04
607227.8	4200868.22	37445.71006	0.67607	0.6095	0.06699	0.06226	0.03751	0.03764	2.11E-04	1.70E-04	1.55E-04	2.73E-05	2.53E-05	5.48E-06	5.49E-06	5.8806E-04
606755.19	4200886.81	139503.3263	0.06602	0.06742	0.05665	0.05528	0.04331	0.04406	7.85E-04	1.66E-05	1.72E-05	2.31E-05	2.24E-05	6.32E-06	6.42E-06	8.6404E-04
606767.8	4200888.22	131414.7725	0.06711	0.06848	0.05733	0.05583	0.04357	0.0443	7.39E-04	1.69E-05	1.74E-05	2.34E-05	2.26E-05	6.36E-06	6.46E-06	8.1958E-04
606787.8	4200888.22	119786.8771	0.07067	0.07233	0.05854	0.05691	0.0436	0.04429	6.74E-04	1.77E-05	1.84E-05	2.38E-05	2.31E-05	6.37E-06	6.46E-06	7.5697E-04
606807.8	4200888.22	109714.0964	0.07569	0.07783	0.06005	0.05796	0.04358	0.04424	6.17E-04	1.90E-05	1.98E-05	2.45E-05	2.35E-05	6.36E-06	6.45E-06	7.0400E-04
606827.8	4200888.22	101069.4191	0.08123	0.08322	0.06151	0.059	0.04354	0.04416	5.69E-04	2.04E-05	2.12E-05	2.51E-05	2.39E-05	6.36E-06	6.44E-06	6.5915E-04
606847.8	4200888.22	93599.39802	0.08718	0.08918	0.06278	0.06005	0.04346	0.04405	5.27E-04	2.19E-05	2.27E-05	2.56E-05	2.44E-05	6.35E-06	6.42E-06	6.2108E-04
606867.8	4200888.22	87090.17293	0.09361	0.09578	0.06386	0.06111	0.04336	0.04392	4.90E-04	2.35E-05	2.44E-05	2.60E-05	2.48E-05	6.33E-06	6.40E-06	5.8862E-04
606887.8	4200888.22	81364.95425	0.1007	0.10229	0.06484	0.06219	0.04324	0.04376	4.58E-04	2.53E-05	2.60E-05	2.64E-05	2.52E-05	6.31E-06	6.38E-06	5.6069E-04
606907.8	4200888.22	76308.93177	0.10915	0.11042	0.06619	0.06329	0.04309	0.04358	4.29E-04	2.74E-05	2.81E-05	2.70E-05	2.57E-05	6.29E-06	6.35E-06	5.3743E-04
606927.8	4200888.22	71794.77961	0.11931	0.12036	0.06767	0.0645	0.04292	0.04338	4.04E-04	3.00E-05	3.06E-05	2.76E-05	2.62E-05	6.27E-06	6.32E-06	5.1821E-04
607027.8	4200888.22	55112.02175	0.19098	0.18881	0.07377	0.06888	0.04181	0.04212	3.10E-04	4.80E-05	4.80E-05	3.00E-05	2.79E-05	6.11E-06	6.14E-06	4.6403E-04
607047.8	4200888.22	52601.51627	0.21223	0.20856	0.07461	0.06939	0.04153	0.04182	2.96E-04	5.33E-05	5.31E-05	3.04E-05	2.81E-05	6.06E-06	6.10E-06	4.6082E-04
607067.8	4200888.22	50294.57352	0.23655	0.23104	0.07523	0.06969	0.04125	0.04152	2.83E-04	5.94E-05	5.88E-05	3.06E-05	2.83E-05	6.02E-06	6.05E-06	4.6004E-04
607087.8	4200888.22	48164.20164	0.2649	0.25705	0.07566	0.06985	0.04096	0.0412	2.71E-04	6.65E-05	6.54E-05	3.08E-05	2.83E-05	5.98E-06	6.01E-06	4.6204E-04
607107.8	4200888.22	46192.0796	0.29804	0.28688	0.07591	0.06989	0.04065	0.04087	2.60E-04	7.49E-05	7.30E-05	3.09E-05	2.84E-05	5.94E-06	5.96E-06	4.6697E-04
607127.8	4200888.22	44361.21669	0.33707	0.32161	0.07597	0.06983	0.04033	0.04053	2.50E-04	8.47E-05	8.18E-05	3.09E-05	2.83E-05	5.89E-06	5.91E-06	4.7531E-04
607147.8	4200888.22	42658.77204	0.3831	0.36223	0.07584	0.06965	0.04001	0.04018	2.40E-04	9.62E-05	9.22E-05	3.09E-05	2.83E-05	5.84E-06	5.86E-06	4.8750E-04
607167.8	4200888.22	41068.73739	0.43871	0.41068	0.07569	0.06952	0.03967	0.03982	2.31E-04	1.10E-04	1.04E-04	3.08E-05	2.82E-05	5.79E-06	5.80E-06	5.0474E-04
607187.8	4200888.22	39579.78787	0.50735	0.4697	0.07567	0.06959	0.03932	0.03946	2.23E-04	1.27E-04	1.20E-04	3.08E-05	2.82E-05	5.74E-06	5.75E-06	5.2864E-04
607207.8	4200888.22	38187.00897	0.59291	0.54203	0.07572	0.06975	0.03897	0.03909	2.15E-04	1.49E-04	1.38E-04	3.08E-05	2.83E-05	5.69E-06	5.70E-06	5.6078E-04
607227.8	4200888.22	36878.31642	0.70387	0.63389	0.07606	0.07018	0.03861	0.03871	2.07E-04	1.77E-04	1.61E-04	3.10E-05	2.85E-05	5.64E-06	5.64E-06	6.0496E-04
606747.8	4200908.22	134603.2777	0.05892	0.06042	0.05886	0.0576	0.04597	0.04673	7.57E-04	1.48E-05	1.54E-05	2.40E-05	2.34E-05	6.71E-06	6.81E-06	8.3475E-04
606767.8	4200908.22	122942.0617	0.06256	0.06412	0.06025	0.05888	0.04595	0.04667	6.92E-04	1.57E-05	1.63E-05	2.45E-05	2.39E-05	6.71E-06	6.80E-06	7.7209E-04
606787.8	4200908.22	113012.0834	0.06692	0.06874	0.06234	0.06078	0.04592	0.0466	6.36E-04	1.68E-05	1.75E-05	2.54E-05	2.47E-05	6.71E-06	6.79E-06	7.2011E-04
606807.8	4200908.22	104125.49	0.07155	0.07344	0.06387	0.06206	0.04583	0.04647	5.86E-04	1.80E-05	1.87E-05	2.60E-05	2.52E-05	6.69E-06	6.77E-06	6.7362E-04
606827.8	4200908.22	96417.00644	0.07664	0.07859	0.06533	0.06328	0.04571	0.04632	5.42E-04	1.92E-05	2.00E-05	2.66E-05	2.57E-05	6.68E-06	6.75E-06	6.3394E-04
606847.8	4200908.22	89690.01611	0.08221	0.08423	0.06696	0.06466	0.04558	0.04615	5.05E-04	2.06E-05	2.14E-05	2.73E-05	2.62E-05	6.66E-06	6.73E-06	6.0015E-04
606867.8	4200908.22	83736.67259	0.08774	0.09048	0.06784	0.06552	0.04541	0.04595	4.71E-04	2.20E-05	2.30E-05	2.76E-05	2.66E-05	6.63E-06	6.70E-06	5.7034E-04
606887.8	4200908.22	78472.95344	0.09477	0.09678	0.06949	0.06694	0.04523	0.04572	4.41E-04	2.38E-05	2.46E-05	2.83E-05	2.72E-05	6.61E-06	6.66E-06	5.4535E-04
606987.8	4200908.22	59254.59468	0.14892	0.14994	0.07875	0.07441	0.044	0.04433	3.33E-04	3.74E-05	3.81E-05	3.21E-05	3.02E-05	6.43E-06	6.46E-06	4.7116E-04
607007.8	4200908.22	56415.86017	0.16468	0.1652	0.08051	0.07571	0.0437	0.04401	3.17E-04	4.14E-05	4.20E-05	3.28E-05	3.07E-05	6.38E-06	6.41E-06	4.6427E-04
607027.8	4200908.22	53814.73602	0.18295	0.18252	0.08213	0.07684	0.04339	0.04367	3.03E-04	4.59E-05	4.64E-05	3.35E-05	3.12E-05	6.34E-06	6.37E-06	4.5975E-04
607047.8	4200908.22	51420.21204	0.20424	0.20255	0.08362	0.07784	0.04306	0.04332	2.89E-04	5.13E-05	5.15E-05	3.41E-05	3.16E-05	6.29E-06	6.31E-06	4.5774E-04
607067.8	4200908.22	49212.83328	0.22896	0.22565	0.08489	0.07863	0.04273	0.04296	2.77E-04	5.75E-05	5.74E-05	3.46E-05	3.19E-05	6.24E-06	6.26E-06	4.5824E-04
607087.8	4200908.22	47172.60656	0.25791	0.25243	0.08591	0.0792	0.04238	0.04259	2.65E-04	6.48E-05	6.42E-05	3.50E-05	3.21E-05	6.19E-06	6.21E-06	4.6150E-04
607107.8	4200908.22	45280.91717	0.29206	0.28339	0.08668	0.07957	0.04202	0.04221	2.55E-04	7.33E-05	7.21E-05	3.53E-05	3.23E-05	6.14E-06	6.15E-06	4.6777E-04
607127.8	4200908.22	43520.50753	0.3327	0.31981	0.08718	0.07976	0.04165	0.04182	2.45E-04	8.36E-05	8.14E-05	3.55E-05	3.24E-05	6.08E-06	6.10E-06	4.7762E-04
607147.8	4200908.22	41878.9375	0.38148	0.36298	0.08743	0.07979	0.04128	0.04142	2.36E-04	9.58E-05	9.24E-05	3.56E-05	3.24E-05	6.03E-06	6.04E-06	4.9173E-04
607167.8	4200908.22	40346.7841	0.44044	0.41444	0.08742	0.07968	0.0409	0.04102	2.27E-04	1.11E-04	1.05E-04	3.56E-05	3.23E-05	5.97E-06	5.98E-06	5.1097E-04
607187.8	4200908.22	38909.9351	0.51382	0.47755	0.08741	0.07967	0.04051	0.04061	2.19E-04	1.29E-04	1.22E-04	3.56E-05	3.23E-05	5.92E-06	5.92E-06	5.3736E-04
607207.8	4200908.22	37561.53982	0.60707	0.55633	0.08749	0.07985	0.04011	0.04019	2.11E-04	1.52E-04	1.42E-04	3.56E-05	3.24E-05	5.86E-06	5.86E-06	5.7334E-04
607227.8	4200908.22	36295.75233	0.72831	0.65653	0.08768	0.08017	0.03971	0.03978	2.04E-04	1.83E-04	1.67E-04	3.57E-05	3.25E-05	5.80E-06	5.80E-06	6.2237E-04
606687.8	4200928.22	159227.1761	0.04639	0.04837	0.05691	0.05611	0.04858	0.04946	8.96E-04	1.17E-05	1.23E-05	2.32E-05	2.28E-05	7.09E-06	7.21E-06	9.6566E-04
606707.8	4200928.22	147056.2062	0.04942	0.05107	0.05904	0.05799	0.0486	0.04943	8.27E-04	1.24E-05	1.30E-05	2.40E-05	2.35E-05	7.10E-06	7.20E-06	9.0027E-04
606727.8	4200928.22	135261.3771	0.05227	0.05401	0.06034	0.05925	0.04856	0.04935	7.61E-04	1.31E-05	1.37E-05	2.46E-05	2.40E-05	7.09E-06	7.19E-06	8.3642E-04
606747.8	4200928.22	124610.1828	0.05537	0.0572	0.06217	0.06101	0.04851	0.04925	7.01E-04	1.39E-05	1.46E-05	2.53E-05	2.47E-05	7.08E-06	7.18E-06	7.7955E-04
606767.8	4200928.22	114924.0422	0.05884	0.06077	0.06382	0.06243	0.04841	0.04911	6.47E-04	1.48E-05	1.55E-05	2.60E-05	2.53E-05	7.07E-06	7.16E-06	7.2809E-04
606787.8	4200928.22	106385.1501	0.06247	0.0645	0.06546	0.06404	0.0483	0.04896	5.98E-04	1.57E-05	1.64E-05	2.67E-05	2.60E-05	7.05E-06	7.14E-06	6.8323E-04
606807.8	4200928.22	98727.22171	0.06664	0.06879	0.0672	0.06563	0.04815	0.04876	5.55E-04	1.67E-05	1.75E-05	2.74E-05	2.66E-05	7.03E-06	7.11E-06	6.4364E-04
606827.8	4200928.22	91891.34258	0.07146	0.07371	0.06907	0.06731	0.04796	0.04854	5.17E-04	1.79E-05	1.88E-05	2.81E-05	2.73E-05	7.00E-06	7.07E-06	6.0909E-04
606847.8	4200928.22	85847.44401	0.0767	0.07906	0.07097	0.06892	0.04775	0.04829	4.83E-04	1.93E-05	2.01E-05	2.89E-05	2.80E-05	6.97E-06	7.04E-06	5.7919E-04
606867.8	4200928.22	80447.12825	0.08202	0.08505	0.07266	0.07	0.04752	0.04802	4.53E-04	2.06E-05	2.16E-05	2.96E-05	2.84E-05	6.94E-06	7.00E-06	5.5280E-04
606967.8	4200928.22	60610.18407	0.12694	0.12938	0.08363	0.07977	0.04605	0.04639	3.41E-04	3.19E-05	3.29E-05	3.41E-05	3.24E-05	6.72E-06	6.76E-06	4.7219E-04
606987.8	4200928.22	57669.71504	0.14022	0.1425	0.0862	0.08185	0.04571	0.04601	3.24E-04	3.52E-05	3.63E-05	3.51E-05	3.32E-05	6.68E-06	6.71E-06	4.6422E-04
607007.8	4200928.22	54984.67402	0.15533	0.15736	0.08871	0.08378	0.04535	0.04563	3.09E-04	3.90E-05	4.00E-05	3.61E-05	3.40E-05	6.62E-06	6.65E-06	4.5849E-04
607027.8	4200928.22	52511.69683	0.17324	0.17461	0.09119	0.08565	0.04498	0.04523	2.95E-04	4.35E-05	4.44E-05	3.71E-05	3.47E-05	6.57E-06	6.59E-06	4.5523E-04
607047.8	4200928.22	50233.25552	0.19407	0.19455	0.09355	0.08735	0.0446	0.04482	2.83E-04	4.87E-05	4.95E-05	3.81E-05	3.54E-05	6.51E-06	6.53E-06	4.5437E-04
607067.8	4200928.22	48124.3867	0.21873	0.21794	0.09579	0.0889	0.04421	0.0444	2.71E-04	5.49E-05	5.54E-05	3.90E-05	3.61E-05	6.46E-06	6.47E-06	4.5619E-04
607087.8	4200928.22	46173.04044	0.2478	0.2452	0.09774	0.09016	0.04381	0.04398	2.60E-04	6.22E-05	6.24E-05	3.98E-05	3.66E-05	6.40E-06	6.41E-06	4.6076E-04
607107.8	4200928.22	44359.44539	0.28252	0.27706	0.09942	0.09118	0.04339	0.04354	2.50E-04	7.10E-05	7.05E-05	4.05E-05	3.70E-05	6.34E-06	6.35E-06	4.6848E-04
607127.8	4200928.22	42669.19879	0.32431	0.31487	0.10077	0.09191	0.04298	0.0431	2.40E-04	8.14E-05	8.01E-05	4.10E-05	3.73E-05	6.28E-06	6.28E-06	4.7993E-04
607147.8	4200928.22	41089.89119	0.37519	0.36022	0.10177	0.0924	0.04255	0.04266	2.31E-04	9.42E-05	9.16E-05	4.15E-05	3.75E-05	6.21E-06	6.22E-06	4.9597E-04
607167.8	4200928.22	39613.05854	0.4375	0.41485	0.10236	0.09262	0.04212	0.0422	2.23E-04	1.10E-04	1.06E-04	4.17E-05	3.76E-05	6.15E-06	6.15E-06	5.1754E-04
607187.8	4200928.22	38229.1611	0.51522	0.48181	0.10259	0.09264	0.04168	0.04175	2.15E-04	1.29E-04	1.23E-04	4.18E-05	3.76E-05	6.09E-06	6.09E-06	5.4641E-04
607207.8	4200928.22	36926.83376	0.61553	0.56661	0.10278	0.09282	0.04124	0.04129	2.08E-04	1.55E-04	1.44E-04	4.19E-05	3.77E-05	6.02E-06	6.02E-06	5.8600E-04
607227.8	4200928.22	35703.41322	0.74722	0.67535	0.1029	0.09304	0.04079	0.04083	2.01E-04	1.88E-04	1.72E-04	4.19E-05	3.77E-05	5.96E-06	5.95E-06	6.4000E-04
606667.8	4200948.22	151245.625	0.04148	0.04302	0.05802	0.05727	0.05146	0.05238	8.51E-04	1.04E-05	1.09E-05	2.36E-05	2.32E-05	7.51E-06	7.63E-06	9.1909E-04
606687.8	4200948.22	142119.5581	0.04373	0.04531	0.05946	0.05861	0.05142	0.05228	8.00E-04	1.10E-05	1.15E-05	2.42E-05	2.38E-05	7.51E-06	7.62E-06	8.7003E-04
606707.8	4200948.22	132933.3807	0.04608	0.04781	0.06128	0.06034	0.05135	0.05217	7.48E-04	1.16E-05	1.22E-05	2.50E-05	2.45E-05	7.50E-06	7.60E-06	8.2102E-04
606727.8	4200948.22	123981.0335	0.04856	0.05041	0.06296	0.06205	0.05126	0.05202	6.97E-04	1.22E-05	1.28E-05	2.56E-05	2.52E-05	7.49E-06	7.58E-06	7.7332E-04
606747.8	4200948.22	115422.9165	0.05134	0.05331	0.06472	0.0637	0.05113	0.05184	6.49E-04	1.29E-05	1.36E-05	2.64E-05	2.58E-05	7.47E-06	7.56E-06	7.2799E-04
606767.8	4200948.22	107434.859	0.0545	0.05659	0.06657	0.06544	0.05095	0.05162	6.04E-04	1.37E-05	1.44E-05	2.71E-05	2.65E-05	7.44E-06	7.52E-06	6.8614E-04
606787.8	4200948.22	100145.3696	0.05797	0.06019	0.06849	0.06723	0.05075	0.05138	5.63E-04	1.46E-05	1.53E-05	2.79E-05	2.73E-05	7.41E-06	7.49E-06	6.4843E-04
606807.8	4200948.22	93535.25375	0.0618	0.06416	0.07049	0.06909	0.05052	0.05111	5.26E-04	1.55E-05	1.63E-05	2.87E-05	2.80E-05	7.38E-06	7.45E-06	6.1478E-04
606827.8	4200948.22	87533.8536	0.06621	0.06871	0.07264	0.07107	0.05026	0.0508	4.92E-04	1.66E-05	1.75E-05	2.96E-05	2.88E-05	7.34E-06	7.40E-06	5.8497E-04
606927.8	4200948.22	65202.68078	0.09806	0.10117	0.08425	0.08145	0.04862	0.04898	3.67E-04	2.46E-05	2.57E-05	3.43E-05	3.30E-05	7.10E-06	7.14E-06	4.8453E-04
606947.8	4200948.22	61897.40284	0.10739	0.1106	0.08726	0.08408	0.04824	0.04857	3.48E-04	2.70E-05	2.81E-05	3.55E-05	3.41E-05	7.04E-06	7.08E-06	4.7297E-04
606967.8	4200948.22	58876.06964	0.11808	0.12146	0.09045	0.0868	0.04785	0.04814	3.31E-04	2.97E-05	3.09E-05	3.68E-05	3.52E-05	6.99E-06	7.02E-06	4.6383E-04
606987.8	4200948.22	56108.93689	0.13046	0.13388	0.09376	0.08957	0.04744	0.0477	3.16E-04	3.28E-05	3.41E-05	3.82E-05	3.63E-05	6.93E-06	6.95E-06	4.5700E-04
607007.8	4200948.22	53566.7996	0.14482	0.14827	0.09719	0.09235	0.04702	0.04725	3.01E-04	3.64E-05	3.77E-05	3.96E-05	3.75E-05	6.87E-06	6.89E-06	4.5249E-04
607027.8	4200948.22	51220.81566	0.16186	0.165	0.10069	0.09512	0.04658	0.04679	2.88E-04	4.07E-05	4.20E-05	4.10E-05	3.86E-05	6.80E-06	6.82E-06	4.5038E-04
607047.8	4200948.22	49051.20988	0.18196	0.18465	0.10421	0.09784	0.04614	0.04632	2.76E-04	4.57E-05	4.70E-05	4.24E-05	3.97E-05	6.74E-06	6.75E-06	4.5076E-04
607067.8	4200948.22	47041.46268	0.20581	0.2077	0.10768	0.10041	0.04569	0.04584	2.65E-04	5.17E-05	5.28E-05	4.39E-05	4.07E-05	6.67E-06	6.68E-06	4.5376E-04
607087.8	4200948.22	45175.6697	0.23438	0.23501	0.111	0.10275	0.04523	0.04536	2.54E-04	5.89E-05	5.98E-05	4.52E-05	4.17E-05	6.61E-06	6.61E-06	4.5969E-04
607107.8	4200948.22	43438.1357	0.26897	0.26733	0.11413	0.10486	0.04476	0.04487	2.44E-04	6.76E-05	6.80E-05	4.65E-05	4.25E-05	6.54E-06	6.54E-06	4.6896E-04
607127.8	4200948.22	41814.59033	0.31133	0.30628	0.11699	0.10669	0.04429	0.04438	2.35E-04	7.82E-05	7.79E-05	4.77E-05	4.33E-05	6.47E-06	6.47E-06	4.8228E-04
607147.8	4200948.22	40299.981	0.36295	0.35286	0.11928	0.10799	0.04381	0.04388	2.27E-04	9.12E-05	8.98E-05	4.86E-05	4.38E-05	6.40E-06	6.40E-06	5.0003E-04
607167.8	4200948.22	38876.51595	0.42803	0.41048	0.1212	0.10906	0.04333	0.04338	2.19E-04	1.07E-04	1.04E-04	4.94E-05	4.42E-05	6.33E-06	6.32E-06	5.2425E-04
607187.8	4200948.22	37541.88456	0.51022	0.48166	0.12246	0.10966	0.04284	0.04287	2.11E-04	1.28E-04	1.23E-04	4.99E-05	4.45E-05	6.26E-06	6.25E-06	5.5625E-04
607207.8	4200948.22	36287.12956	0.61665	0.57174	0.12315	0.10997	0.04235	0.04236	2.04E-04	1.55E-04	1.45E-04	5.02E-05	4.46E-05	6.18E-06	6.17E-06	5.9924E-04
607227.8	4200948.22	35105.92126	0.75859	0.68877	0.12343	0.11016	0.04186	0.04186	1.97E-04	1.91E-04	1.75E-04	5.03E-05	4.47E-05	6.11E-06	6.10E-06	6.5821E-04
606547.8	4200968.22	156804.578	0.02991	0.03085	0.05035	0.0501	0.05428	0.05553	8.82E-04	7.51E-06	7.85E-06	2.05E-05	2.03E-05	7.93E-06	8.09E-06	9.3833E-04
606567.8	4200968.22	155101.7297	0.03113	0.03214	0.05163	0.05136	0.05443	0.05562	8.73E-04	7.82E-06	8.18E-06	2.10E-05	2.08E-05	7.95E-06	8.11E-06	9.3041E-04
606587.8	4200968.22	152778.972	0.03253	0.03359	0.05298	0.05268	0.05453	0.05565	8.59E-04	8.17E-06	8.55E-06	2.16E-05	2.14E-05	7.96E-06	8.11E-06	9.1915E-04
606607.8	4200968.22	149858.7241	0.03386	0.03499	0.05441	0.05408	0.05458	0.05565	8.43E-04	8.50E-06	8.90E-06	2.22E-05	2.19E-05	7.97E-06	8.11E-06	9.0457E-04
606627.8	4200968.22	145699.6861	0.0356	0.03686	0.05591	0.05553	0.05457	0.05558	8.20E-04	8.94E-06	9.38E-06	2.28E-05	2.25E-05	7.97E-06	8.10E-06	8.8328E-04
606647.8	4200968.22	140672.2008	0.03714	0.03842	0.05748	0.05706	0.05454	0.05549	7.91E-04	9.33E-06	9.77E-06	2.34E-05	2.31E-05	7.96E-06	8.09E-06	8.5704E-04
606667.8	4200968.22	134921.4978	0.03864	0.0402	0.05982	0.05912	0.05449	0.05538	7.59E-04	9.70E-06	1.02E-05	2.44E-05	2.40E-05	7.96E-06	8.07E-06	8.2731E-04
606687.8	4200968.22	128285.7739	0.04048	0.04215	0.06153	0.06093	0.05439	0.05523	7.22E-04	1.02E-05	1.07E-05	2.51E-05	2.47E-05	7.94E-06	8.05E-06	7.9237E-04
606707.8	4200968.22	121197.0313	0.04258	0.04437	0.06332	0.06265	0.05423	0.05502	6.82E-04	1.07E-05	1.13E-05	2.58E-05	2.54E-05	7.92E-06	8.02E-06	7.5501E-04
606727.8	4200968.22	114082.1298	0.04485	0.04676	0.06518	0.06442	0.05405	0.05478	6.42E-04	1.13E-05	1.19E-05	2.65E-05	2.61E-05	7.89E-06	7.98E-06	7.1763E-04
606747.8	4200968.22	107100.0885	0.04746	0.0495	0.06715	0.0663	0.05382	0.0545	6.03E-04	1.19E-05	1.26E-05	2.74E-05	2.69E-05	7.86E-06	7.94E-06	6.8127E-04
606767.8	4200968.22	100484.7513	0.05033	0.05251	0.06922	0.06826	0.05356	0.05419	5.65E-04	1.26E-05	1.34E-05	2.82E-05	2.77E-05	7.82E-06	7.90E-06	6.4718E-04
606787.8	4200968.22	94304.8691	0.05353	0.05586	0.0714	0.07032	0.05327	0.05386	5.31E-04	1.34E-05	1.42E-05	2.91E-05	2.85E-05	7.78E-06	7.85E-06	6.1579E-04
606907.8	4200968.22	66446.89112	0.08304	0.08624	0.08637	0.08421	0.05101	0.05136	3.74E-04	2.09E-05	2.19E-05	3.52E-05	3.42E-05	7.45E-06	7.49E-06	4.8595E-04
606927.8	4200968.22	63090.16359	0.09047	0.09403	0.0897	0.08723	0.05057	0.05088	3.55E-04	2.27E-05	2.39E-05	3.65E-05	3.54E-05	7.38E-06	7.42E-06	4.7349E-04
606947.8	4200968.22	60012.05148	0.09896	0.10277	0.0933	0.09045	0.05012	0.0504	3.38E-04	2.49E-05	2.61E-05	3.80E-05	3.67E-05	7.32E-06	7.35E-06	4.6330E-04
606967.8	4200968.22	57183.9504	0.10873	0.11283	0.09716	0.09386	0.04965	0.0499	3.22E-04	2.73E-05	2.87E-05	3.96E-05	3.81E-05	7.25E-06	7.27E-06	4.5536E-04
606987.8	4200968.22	54579.41729	0.12011	0.12447	0.10129	0.09744	0.04917	0.04939	3.07E-04	3.02E-05	3.17E-05	4.13E-05	3.95E-05	7.18E-06	7.20E-06	4.4966E-04
607007.8	4200968.22	52175.91652	0.13345	0.13807	0.1057	0.1012	0.04868	0.04887	2.94E-04	3.35E-05	3.51E-05	4.31E-05	4.11E-05	7.11E-06	7.12E-06	4.4627E-04
607027.8	4200968.22	49950.95589	0.14928	0.15399	0.11034	0.10504	0.04819	0.04835	2.81E-04	3.75E-05	3.92E-05	4.49E-05	4.26E-05	7.04E-06	7.05E-06	4.4523E-04
607047.8	4200968.22	47887.5075	0.1681	0.1728	0.1152	0.10899	0.04768	0.04781	2.69E-04	4.22E-05	4.40E-05	4.69E-05	4.42E-05	6.96E-06	6.97E-06	4.4672E-04
607067.8	4200968.22	45972.64482	0.19055	0.19503	0.12019	0.11292	0.04716	0.04728	2.59E-04	4.79E-05	4.96E-05	4.90E-05	4.58E-05	6.89E-06	6.89E-06	4.5086E-04
607087.8	4200968.22	44189.25607	0.21783	0.22175	0.1253	0.11678	0.04664	0.04673	2.49E-04	5.47E-05	5.64E-05	5.10E-05	4.74E-05	6.81E-06	6.81E-06	4.5813E-04
607107.8	4200968.22	42525.16328	0.25128	0.25382	0.13045	0.12054	0.04612	0.04619	2.39E-04	6.31E-05	6.46E-05	5.31E-05	4.89E-05	6.74E-06	6.73E-06	4.6895E-04
607127.8	4200968.22	40969.06118	0.29269	0.29283	0.1355	0.12405	0.04559	0.04564	2.30E-04	7.35E-05	7.45E-05	5.52E-05	5.03E-05	6.66E-06	6.65E-06	4.8400E-04
607147.8	4200968.22	39512.04042	0.34443	0.34056	0.14025	0.12715	0.04506	0.04508	2.22E-04	8.65E-05	8.66E-05	5.71E-05	5.16E-05	6.58E-06	6.57E-06	5.0413E-04

607167.8	4200968.22	38144.26164	0.41015	0.39981	0.14448	0.12973	0.04452	0.04453	2.15E-04	1.03E-04	1.02E-04	5.88E-05	5.26E-05	6.50E-06	6.49E-06	5.3079E-04
607187.8	4200968.22	36857.35838	0.49534	0.47458	0.14805	0.13177	0.04398	0.04398	2.07E-04	1.24E-04	1.21E-04	6.03E-05	5.35E-05	6.42E-06	6.41E-06	5.6625E-04
607207.8	4200968.22	35645.63882	0.60802	0.57062	0.15069	0.13322	0.04344	0.04342	2.01E-04	1.53E-04	1.45E-04	6.14E-05	5.40E-05	6.34E-06	6.33E-06	6.1383E-04
607227.8	4200968.22	34508.0841	0.75815	0.6946	0.1518	0.1336	0.04291	0.04287	1.94E-04	1.90E-04	1.77E-04	6.18E-05	5.42E-05	6.27E-06	6.25E-06	6.7728E-04
606527.8	4200988.22	143511.1206	0.0266	0.02752	0.05041	0.05014	0.05794	0.05926	8.07E-04	6.68E-06	7.00E-06	2.05E-05	2.03E-05	8.46E-06	8.64E-06	8.6190E-04
606547.8	4200988.22	141346.4949	0.02764	0.02864	0.05181	0.05139	0.05805	0.0593	7.95E-04	6.94E-06	7.29E-06	2.11E-05	2.08E-05	8.48E-06	8.64E-06	8.5135E-04
606567.8	4200988.22	139214.583	0.02894	0.02986	0.05285	0.0527	0.05809	0.05927	7.83E-04	7.27E-06	7.60E-06	2.15E-05	2.14E-05	8.48E-06	8.64E-06	8.4095E-04
606587.8	4200988.22	136823.9287	0.03022	0.03122	0.05426	0.05409	0.05809	0.0592	7.70E-04	7.59E-06	7.94E-06	2.21E-05	2.19E-05	8.48E-06	8.63E-06	8.2931E-04
606607.8	4200988.22	134004.0893	0.03161	0.03268	0.05576	0.05553	0.05804	0.05908	7.54E-04	7.94E-06	8.31E-06	2.27E-05	2.25E-05	8.48E-06	8.61E-06	8.1536E-04
606627.8	4200988.22	130705.6326	0.03287	0.03398	0.05735	0.05711	0.05795	0.05893	7.35E-04	8.26E-06	8.65E-06	2.34E-05	2.32E-05	8.46E-06	8.59E-06	7.9874E-04
606647.8	4200988.22	126620.048	0.0342	0.03565	0.05947	0.05875	0.05781	0.05873	7.12E-04	8.59E-06	9.07E-06	2.42E-05	2.38E-05	8.44E-06	8.56E-06	7.7804E-04
606667.8	4200988.22	121890.9854	0.03587	0.03739	0.06149	0.06112	0.05764	0.05851	6.86E-04	9.01E-06	9.51E-06	2.50E-05	2.48E-05	8.42E-06	8.53E-06	7.5408E-04
606687.8	4200988.22	116693.5172	0.03748	0.03911	0.0633	0.06287	0.05745	0.05825	6.56E-04	9.41E-06	9.95E-06	2.58E-05	2.55E-05	8.39E-06	8.49E-06	7.2713E-04
606707.8	4200988.22	111113.701	0.0393	0.04106	0.06522	0.06472	0.0572	0.05795	6.25E-04	9.87E-06	1.04E-05	2.66E-05	2.63E-05	8.35E-06	8.45E-06	6.9823E-04
606727.8	4200988.22	105376.3594	0.04135	0.04324	0.06724	0.06667	0.05691	0.05761	5.93E-04	1.04E-05	1.10E-05	2.74E-05	2.70E-05	8.31E-06	8.40E-06	6.6863E-04
606747.8	4200988.22	99645.72391	0.04374	0.04577	0.06942	0.06876	0.05658	0.05722	5.61E-04	1.10E-05	1.16E-05	2.83E-05	2.79E-05	8.26E-06	8.34E-06	6.3938E-04
606867.8	4200988.22	71138.23537	0.06455	0.06738	0.08434	0.08301	0.05405	0.05442	4.00E-04	1.62E-05	1.71E-05	3.44E-05	3.37E-05	7.89E-06	7.93E-06	5.0158E-04
606887.8	4200988.22	67495.34817	0.07006	0.07319	0.08759	0.08606	0.05356	0.05389	3.80E-04	1.76E-05	1.86E-05	3.57E-05	3.49E-05	7.82E-06	7.85E-06	4.8651E-04
606907.8	4200988.22	64138.56937	0.07615	0.07957	0.09108	0.08929	0.05305	0.05335	3.61E-04	1.91E-05	2.02E-05	3.71E-05	3.62E-05	7.75E-06	7.78E-06	4.7351E-04
606927.8	4200988.22	61040.22714	0.08284	0.08667	0.09491	0.09285	0.05253	0.0528	3.43E-04	2.08E-05	2.21E-05	3.87E-05	3.77E-05	7.67E-06	7.70E-06	4.6257E-04
606947.8	4200988.22	58179.29787	0.09048	0.09466	0.09909	0.09669	0.052	0.05223	3.27E-04	2.27E-05	2.41E-05	4.04E-05	3.92E-05	7.59E-06	7.61E-06	4.5369E-04
606967.8	4200988.22	55534.80035	0.09927	0.10386	0.10363	0.10083	0.05146	0.05166	3.12E-04	2.49E-05	2.64E-05	4.22E-05	4.09E-05	7.51E-06	7.53E-06	4.4689E-04
606987.8	4200988.22	53087.17525	0.10953	0.11454	0.10857	0.10526	0.05091	0.05108	2.99E-04	2.75E-05	2.91E-05	4.42E-05	4.27E-05	7.43E-06	7.45E-06	4.4222E-04
607007.8	4200988.22	50818.68995	0.12156	0.12707	0.11397	0.11003	0.05035	0.05049	2.86E-04	3.05E-05	3.23E-05	4.64E-05	4.46E-05	7.35E-06	7.36E-06	4.3980E-04
607027.8	4200988.22	48708.31983	0.13599	0.14191	0.11986	0.11514	0.04978	0.04989	2.74E-04	3.42E-05	3.61E-05	4.88E-05	4.67E-05	7.27E-06	7.27E-06	4.3980E-04
607047.8	4200988.22	46749.16076	0.15301	0.15935	0.1261	0.12044	0.04921	0.04929	2.63E-04	3.84E-05	4.05E-05	5.14E-05	4.89E-05	7.19E-06	7.18E-06	4.4219E-04
607067.8	4200988.22	44923.85493	0.17356	0.18024	0.13281	0.12602	0.04863	0.04869	2.53E-04	4.36E-05	4.59E-05	5.41E-05	5.11E-05	7.10E-06	7.10E-06	4.4739E-04
607087.8	4200988.22	43220.09595	0.19874	0.20563	0.14001	0.13181	0.04805	0.04809	2.43E-04	4.99E-05	5.23E-05	5.70E-05	5.35E-05	7.02E-06	7.01E-06	4.5587E-04
607107.8	4200988.22	41626.80261	0.22993	0.2365	0.14767	0.13779	0.04746	0.04748	2.34E-04	5.77E-05	6.02E-05	6.01E-05	5.59E-05	6.93E-06	6.92E-06	4.6814E-04
607127.8	4200988.22	40134.21307	0.26906	0.27459	0.15572	0.14383	0.04687	0.04688	2.26E-04	6.76E-05	6.99E-05	6.34E-05	5.83E-05	6.84E-06	6.83E-06	4.8499E-04
607147.8	4200988.22	38733.74541	0.31888	0.32211	0.16403	0.14975	0.04628	0.04627	2.18E-04	8.01E-05	8.20E-05	6.68E-05	6.07E-05	6.76E-06	6.74E-06	5.0750E-04
607167.8	4200988.22	37417.49499	0.38342	0.38214	0.17231	0.15534	0.04569	0.04566	2.10E-04	9.63E-05	9.72E-05	7.02E-05	6.30E-05	6.67E-06	6.66E-06	5.3722E-04
607187.8	4200988.22	36178.32429	0.4687	0.45905	0.18019	0.16033	0.04511	0.04506	2.04E-04	1.18E-04	1.17E-04	7.34E-05	6.50E-05	6.59E-06	6.57E-06	5.7646E-04
607207.8	4200988.22	35011.22451	0.58356	0.55906	0.18702	0.16431	0.04452	0.04445	1.97E-04	1.47E-04	1.42E-04	7.62E-05	6.67E-05	6.50E-06	6.48E-06	6.2859E-04
606527.8	4201008.22	130767.3364	0.02482	0.02572	0.05169	0.05167	0.06202	0.06334	7.36E-04	6.23E-06	6.54E-06	2.11E-05	2.10E-05	9.06E-06	9.23E-06	7.9045E-04
606547.8	4201008.22	128578.4635	0.02578	0.02674	0.05305	0.05301	0.06202	0.06325	7.23E-04	6.47E-06	6.80E-06	2.16E-05	2.15E-05	9.06E-06	9.22E-06	7.7973E-04
606567.8	4201008.22	126372.0958	0.02688	0.0279	0.0545	0.05444	0.06194	0.0631	7.11E-04	6.75E-06	7.10E-06	2.22E-05	2.21E-05	9.05E-06	9.20E-06	7.6906E-04
606587.8	4201008.22	124074.1944	0.02801	0.0291	0.05603	0.05587	0.06182	0.06291	6.98E-04	7.03E-06	7.40E-06	2.28E-05	2.27E-05	9.03E-06	9.17E-06	7.5793E-04
606607.8	4201008.22	121484.4247	0.02923	0.03039	0.05759	0.05733	0.06165	0.06267	6.83E-04	7.34E-06	7.73E-06	2.35E-05	2.33E-05	9.00E-06	9.13E-06	7.4522E-04
606627.8	4201008.22	118600.8672	0.03046	0.0317	0.05932	0.05919	0.06145	0.0624	6.67E-04	7.65E-06	8.07E-06	2.42E-05	2.40E-05	8.97E-06	9.10E-06	7.3110E-04
606647.8	4201008.22	115214.0806	0.03174	0.03308	0.06108	0.06091	0.06121	0.06209	6.48E-04	7.97E-06	8.42E-06	2.49E-05	2.47E-05	8.94E-06	9.05E-06	7.1413E-04
606667.8	4201008.22	111272.1673	0.03319	0.03462	0.06295	0.06274	0.06092	0.06173	6.26E-04	8.34E-06	8.81E-06	2.56E-05	2.55E-05	8.90E-06	9.00E-06	6.9422E-04
606687.8	4201008.22	107035.0735	0.03463	0.03617	0.06487	0.06462	0.0606	0.06136	6.02E-04	8.70E-06	9.20E-06	2.64E-05	2.62E-05	8.85E-06	8.94E-06	6.7268E-04
606827.8	4201008.22	75577.91484	0.05142	0.05409	0.08241	0.08162	0.0574	0.0578	4.25E-04	1.29E-05	1.38E-05	3.36E-05	3.31E-05	8.38E-06	8.42E-06	5.1853E-04
606847.8	4201008.22	71799.7068	0.05504	0.05794	0.08561	0.08453	0.05685	0.05721	4.04E-04	1.38E-05	1.47E-05	3.49E-05	3.43E-05	8.30E-06	8.34E-06	5.0165E-04
606867.8	4201008.22	68259.25552	0.05931	0.06201	0.08794	0.08697	0.05628	0.0566	3.84E-04	1.49E-05	1.58E-05	3.58E-05	3.53E-05	8.22E-06	8.25E-06	4.8578E-04
606887.8	4201008.22	64964.96612	0.06411	0.06726	0.09157	0.09044	0.0557	0.05598	3.65E-04	1.61E-05	1.71E-05	3.73E-05	3.67E-05	8.13E-06	8.16E-06	4.7267E-04
606907.8	4201008.22	61899.52834	0.06953	0.07299	0.09548	0.09413	0.0551	0.05535	3.48E-04	1.75E-05	1.86E-05	3.89E-05	3.82E-05	8.05E-06	8.07E-06	4.6133E-04
606927.8	4201008.22	59047.76261	0.07547	0.07938	0.09979	0.09821	0.0545	0.05471	3.32E-04	1.90E-05	2.02E-05	4.06E-05	3.98E-05	7.96E-06	7.97E-06	4.5182E-04
606947.8	4201008.22	56395.91196	0.08224	0.08656	0.10451	0.10267	0.05389	0.05406	3.17E-04	2.07E-05	2.20E-05	4.26E-05	4.16E-05	7.87E-06	7.88E-06	4.4416E-04
606967.8	4201008.22	53929.08534	0.09001	0.09483	0.10971	0.10752	0.05327	0.05341	3.03E-04	2.26E-05	2.41E-05	4.47E-05	4.36E-05	7.78E-06	7.78E-06	4.3842E-04
606987.8	4201008.22	51633.37963	0.09908	0.10443	0.11543	0.11282	0.05264	0.05275	2.90E-04	2.49E-05	2.66E-05	4.70E-05	4.58E-05	7.69E-06	7.69E-06	4.3471E-04
607007.8	4201008.22	49495.40091	0.1097	0.11571	0.12178	0.11862	0.05201	0.05209	2.78E-04	2.76E-05	2.94E-05	4.96E-05	4.81E-05	7.60E-06	7.59E-06	4.3316E-04
607027.8	4201008.22	47498.5268	0.12244	0.1291	0.12883	0.12497	0.05136	0.05142	2.67E-04	3.08E-05	3.28E-05	5.25E-05	5.07E-05	7.50E-06	7.49E-06	4.3398E-04
607047.8	4201008.22	45637.91228	0.1375	0.14491	0.1365	0.13178	0.05072	0.05076	2.57E-04	3.45E-05	3.69E-05	5.56E-05	5.35E-05	7.41E-06	7.40E-06	4.3720E-04
607067.8	4201008.22	43899.0964	0.15571	0.16395	0.14498	0.13918	0.05007	0.05009	2.47E-04	3.91E-05	4.17E-05	5.91E-05	5.65E-05	7.31E-06	7.30E-06	4.4329E-04
607087.8	4201008.22	42271.91509	0.17811	0.18724	0.15438	0.14718	0.04943	0.04942	2.38E-04	4.47E-05	4.76E-05	6.29E-05	5.97E-05	7.22E-06	7.20E-06	4.5276E-04
607107.8	4201008.22	40746.80978	0.20605	0.21588	0.16481	0.15585	0.04878	0.04876	2.29E-04	5.17E-05	5.49E-05	6.71E-05	6.32E-05	7.12E-06	7.11E-06	4.6625E-04
607127.8	4201008.22	39315.14327	0.24143	0.25171	0.17637	0.16515	0.04813	0.04809	2.21E-04	6.06E-05	6.40E-05	7.18E-05	6.70E-05	7.03E-06	7.01E-06	4.8468E-04
607147.8	4201008.22	37969.55445	0.28712	0.29719	0.18915	0.17502	0.04749	0.04743	2.14E-04	7.21E-05	7.56E-05	7.70E-05	7.10E-05	6.94E-06	6.91E-06	5.0937E-04
607167.8	4201008.22	36702.77409	0.34743	0.35588	0.2031	0.1853	0.04684	0.04677	2.06E-04	8.73E-05	9.05E-05	8.27E-05	7.52E-05	6.84E-06	6.82E-06	5.4217E-04
607187.8	4201008.22	35508.50925	0.42902	0.4329	0.21804	0.1957	0.0462	0.04611	2.00E-04	1.08E-04	1.10E-04	8.88E-05	7.94E-05	6.75E-06	6.72E-06	5.8584E-04
607207.8	4201008.22	34383.65319	0.54124	0.53497	0.2331	0.20543	0.04557	0.04546	1.93E-04	1.36E-04	1.36E-04	9.49E-05	8.33E-05	6.65E-06	6.63E-06	6.4375E-04
606787.8	4201028.22	79269.60194	0.04154	0.04362	0.07875	0.07845	0.06111	0.06153	4.46E-04	1.04E-05	1.11E-05	3.21E-05	3.18E-05	8.92E-06	8.97E-06	5.3138E-04
606807.8	4201028.22	75564.9609	0.04413	0.0464	0.08179	0.08142	0.06048	0.06087	4.25E-04	1.11E-05	1.18E-05	3.33E-05	3.30E-05	8.83E-06	8.87E-06	5.1434E-04
606827.8	4201028.22	72022.38326	0.04706	0.04954	0.08506	0.08462	0.05984	0.06018	4.05E-04	1.18E-05	1.26E-05	3.46E-05	3.43E-05	8.74E-06	8.77E-06	4.9857E-04
606847.8	4201028.22	68671.21916	0.05027	0.05298	0.08855	0.08784	0.05919	0.05948	3.86E-04	1.26E-05	1.35E-05	3.61E-05	3.56E-05	8.64E-06	8.67E-06	4.8413E-04
606867.8	4201028.22	65501.60659	0.05422	0.05681	0.09117	0.0906	0.05852	0.05877	3.68E-04	1.36E-05	1.45E-05	3.71E-05	3.68E-05	8.55E-06	8.57E-06	4.7045E-04
606887.8	4201028.22	62523.64759	0.05857	0.06157	0.09517	0.09448	0.05784	0.05806	3.52E-04	1.47E-05	1.57E-05	3.88E-05	3.83E-05	8.45E-06	8.46E-06	4.5920E-04
606907.8	4201028.22	59730.69833	0.06336	0.06667	0.09948	0.09862	0.05716	0.05734	3.36E-04	1.59E-05	1.70E-05	4.05E-05	4.00E-05	8.35E-06	8.36E-06	4.4943E-04
606927.8	4201028.22	57111.98146	0.06858	0.07235	0.10423	0.10321	0.05647	0.05661	3.21E-04	1.72E-05	1.84E-05	4.25E-05	4.19E-05	8.25E-06	8.25E-06	4.4125E-04
606947.8	4201028.22	54659.4974	0.0745	0.0787	0.10946	0.10824	0.05577	0.05588	3.07E-04	1.87E-05	2.00E-05	4.46E-05	4.39E-05	8.14E-06	8.14E-06	4.3472E-04
606967.8	4201028.22	52363.93005	0.08127	0.08601	0.11525	0.11377	0.05506	0.05515	2.95E-04	2.04E-05	2.19E-05	4.69E-05	4.62E-05	8.04E-06	8.04E-06	4.2997E-04
606987.8	4201028.22	50215.07479	0.08917	0.09449	0.12169	0.1199	0.05435	0.05441	2.82E-04	2.24E-05	2.40E-05	4.96E-05	4.86E-05	7.94E-06	7.93E-06	4.2713E-04
607007.8	4201028.22	48205.74598	0.0983	0.10438	0.12886	0.12664	0.05365	0.05368	2.71E-04	2.47E-05	2.66E-05	5.25E-05	5.14E-05	7.83E-06	7.82E-06	4.2629E-04
607027.8	4201028.22	46321.26062	0.10926	0.1161	0.13693	0.13417	0.05293	0.05294	2.61E-04	2.74E-05	2.95E-05	5.58E-05	5.44E-05	7.73E-06	7.72E-06	4.2777E-04
607047.8	4201028.22	44556.10258	0.12223	0.13001	0.14594	0.1425	0.05222	0.0522	2.51E-04	3.07E-05	3.31E-05	5.94E-05	5.78E-05	7.63E-06	7.61E-06	4.3168E-04
607067.8	4201028.22	42900.17303	0.13795	0.14688	0.15612	0.15178	0.0515	0.05146	2.41E-04	3.46E-05	3.74E-05	6.36E-05	6.16E-05	7.52E-06	7.50E-06	4.3852E-04
607087.8	4201028.22	41347.32875	0.15717	0.16748	0.16761	0.16209	0.05079	0.05073	2.33E-04	3.95E-05	4.26E-05	6.83E-05	6.58E-05	7.42E-06	7.39E-06	4.4871E-04
607107.8	4201028.22	39888.01189	0.18119	0.19296	0.18075	0.17365	0.05008	0.05	2.24E-04	4.55E-05	4.91E-05	7.36E-05	7.04E-05	7.31E-06	7.29E-06	4.6306E-04
607127.8	4201028.22	38515.16041	0.21169	0.22513	0.19587	0.18665	0.04937	0.04928	2.17E-04	5.32E-05	5.73E-05	7.98E-05	7.57E-05	7.21E-06	7.18E-06	4.8261E-04
607147.8	4201028.22	37221.95761	0.25144	0.2666	0.21345	0.20132	0.04866	0.04855	2.09E-04	6.31E-05	6.78E-05	8.69E-05	8.17E-05	7.11E-06	7.08E-06	5.0898E-04
607167.8	4201028.22	36003.58545	0.3042	0.32085	0.23387	0.2177	0.04796	0.04784	2.03E-04	7.64E-05	8.16E-05	9.53E-05	8.83E-05	7.00E-06	6.97E-06	5.4414E-04
607187.8	4201028.22	34853.95161	0.3765	0.39358	0.2577	0.2359	0.04727	0.04713	1.96E-04	9.46E-05	1.00E-04	1.05E-04	9.57E-05	6.90E-06	6.87E-06	5.9143E-04
606727.8	4201048.22	85195.7631	0.03259	0.03403	0.07215	0.07224	0.06589	0.0664	4.79E-04	8.18E-06	8.66E-06	2.94E-05	2.93E-05	9.62E-06	9.68E-06	5.5482E-04
606747.8	4201048.22	81784.26146	0.03428	0.03584	0.07478	0.07484	0.06521	0.06567	4.60E-04	8.61E-06	9.12E-06	3.05E-05	3.04E-05	9.52E-06	9.57E-06	5.3864E-04
606767.8	4201048.22	78374.67463	0.03621	0.03791	0.07763	0.07765	0.0645	0.06491	4.41E-04	9.09E-06	9.65E-06	3.16E-05	3.15E-05	9.42E-06	9.46E-06	5.2277E-04
606787.8	4201048.22	75045.44066	0.03825	0.0401	0.08062	0.08061	0.06378	0.06414	4.22E-04	9.61E-06	1.02E-05	3.28E-05	3.27E-05	9.31E-06	9.35E-06	5.0753E-04
606807.8	4201048.22	71802.1142	0.04059	0.0426	0.08386	0.08382	0.06304	0.06335	4.04E-04	1.02E-05	1.08E-05	3.42E-05	3.40E-05	9.21E-06	9.23E-06	4.9313E-04
606827.8	4201048.22	68685.31296	0.04314	0.04534	0.08733	0.08725	0.06229	0.06256	3.86E-04	1.08E-05	1.15E-05	3.56E-05	3.54E-05	9.10E-06	9.12E-06	4.7974E-04
606847.8	4201048.22	65698.03802	0.04605	0.04846	0.09104	0.09061	0.06153	0.06175	3.70E-04	1.16E-05	1.23E-05	3.71E-05	3.68E-05	8.99E-06	9.00E-06	4.6733E-04
606867.8	4201048.22	62862.98743	0.04972	0.05201	0.09403	0.09386	0.06076	0.06094	3.54E-04	1.25E-05	1.32E-05	3.83E-05	3.81E-05	8.87E-06	8.88E-06	4.5574E-04
606887.8	4201048.22	60172.06711	0.05359	0.0563	0.09835	0.09812	0.05998	0.06013	3.39E-04	1.35E-05	1.43E-05	4.01E-05	3.98E-05	8.76E-06	8.76E-06	4.4615E-04
606907.8	4201048.22	57633.23696	0.05766	0.06074	0.10302	0.10268	0.0592	0.05932	3.24E-04	1.45E-05	1.55E-05	4.20E-05	4.17E-05	8.65E-06	8.65E-06	4.3778E-04
606927.8	4201048.22	55232.51532	0.06228	0.06574	0.10815	0.10771	0.05842	0.0585	3.11E-04	1.56E-05	1.67E-05	4.41E-05	4.37E-05	8.53E-06	8.53E-06	4.3083E-04
606947.8	4201048.22	52969.69116	0.06745	0.0713	0.11383	0.11327	0.05763	0.05768	2.98E-04	1.69E-05	1.81E-05	4.64E-05	4.59E-05	8.42E-06	8.41E-06	4.2538E-04
606967.8	4201048.22	50841.0318	0.07325	0.07758	0.12009	0.11939	0.05684	0.05687	2.86E-04	1.84E-05	1.97E-05	4.89E-05	4.84E-05	8.30E-06	8.29E-06	4.2150E-04
606987.8	4201048.22	48834.81209	0.07999	0.08495	0.12712	0.12623	0.05605	0.05605	2.75E-04	2.01E-05	2.16E-05	5.18E-05	5.12E-05	8.19E-06	8.17E-06	4.1941E-04
607007.8	4201048.22	46947.92051	0.08785	0.09355	0.13503	0.13389	0.05526	0.05523	2.64E-04	2.21E-05	2.38E-05	5.50E-05	5.43E-05	8.07E-06	8.05E-06	4.1929E-04
607027.8	4201048.22	45170.90194	0.09716	0.10362	0.14402	0.14252	0.05447	0.05442	2.54E-04	2.44E-05	2.64E-05	5.87E-05	5.78E-05	7.95E-06	7.93E-06	4.2136E-04
607047.8	4201048.22	43499.4814	0.10813	0.11558	0.15418	0.15224	0.05368	0.05361	2.45E-04	2.72E-05	2.94E-05	6.28E-05	6.18E-05	7.84E-06	7.81E-06	4.2583E-04
607067.8	4201048.22	41927.03183	0.12127	0.12996	0.16575	0.16322	0.0529	0.05281	2.36E-04	3.05E-05	3.31E-05	6.75E-05	6.62E-05	7.73E-06	7.70E-06	4.3311E-04
607087.8	4201048.22	40445.96869	0.13734	0.14756	0.17907	0.17575	0.05212	0.05201	2.28E-04	3.45E-05	3.75E-05	7.29E-05	7.13E-05	7.61E-06	7.58E-06	4.4380E-04
607107.8	4201048.22	39051.00642	0.15725	0.16931	0.19455	0.19011	0.05134	0.05122	2.20E-04	3.95E-05	4.31E-05	7.92E-05	7.71E-05	7.50E-06	7.47E-06	4.5862E-04
607127.8	4201048.22	37735.43137	0.18242	0.1968	0.2128	0.2068	0.05057	0.05043	2.12E-04	4.58E-05	5.01E-05	8.67E-05	8.39E-05	7.38E-06	7.35E-06	4.7874E-04
607147.8	4201048.22	36493.64103	0.21508	0.23233	0.23461	0.22635	0.04981	0.04965	2.05E-04	5.40E-05	5.91E-05	9.56E-05	9.18E-05	7.27E-06	7.24E-06	5.0581E-04
607167.8	4201048.22	35319.1814	0.25891	0.27978	0.26126	0.24964	0.04905	0.04888	1.99E-04	6.50E-05	7.12E-05	1.06E-04	1.01E-04	7.16E-06	7.12E-06	5.4258E-04
607187.8	4201048.22	34211.17782	0.31862	0.34397	0.29406	0.2773	0.0483	0.04812	1.92E-04	8.00E-05	8.75E-05	1.20E-04	1.12E-04	7.05E-06	7.01E-06	5.9226E-04
606527.8	4201068.22	102543.579	0.02042	0.02105	0.05361	0.0539	0.07547	0.07666	5.77E-04	5.13E-06	5.36E-06	2.18E-05	2.19E-05	1.10E-05	1.12E-05	6.3106E-04
606547.8	4201068.22	100767.9376	0.02117	0.02184	0.05513	0.05542	0.07501	0.0761	5.67E-04	5.32E-06	5.56E-06	2.25E-05	2.25E-05	1.10E-05	1.11E-05	6.2270E-04
606567.8	4201068.22	98951.78493	0.02198	0.0227	0.05675	0.05705	0.07449	0.07549	5.57E-04	5.52E-06	5.78E-06	2.31E-05	2.31E-05	1.09E-05	1.10E-05	6.1423E-04
606587.8	4201068.22	97099.33716	0.02281	0.02357	0.05843	0.05874	0.07391	0.07483	5.46E-04	5.73E-06	6.00E-06	2.38E-05	2.38E-05	1.08E-05	1.09E-05	6.0560E-04
606607.8	4201068.22	95155.74372	0.02367	0.02448	0.0602	0.06051	0.07331	0.07414	5.35E-04	5.94E-06	6.23E-06	2.45E-05	2.45E-05	1.07E-05	1.08E-05	5.9656E-04
606627.8	4201068.22	93102.299	0.02456	0.02543	0.06206	0.06238	0.07266	0.07342	5.24E-04	6.17E-06	6.47E-06	2.53E-05	2.53E-05	1.06E-05	1.07E-05	5.8699E-04
606647.8	4201068.22	90807.4748	0.0256	0.02652	0.06408	0.06441	0.07197	0.07266	5.11E-04	6.43E-06	6.75E-06	2.61E-05	2.61E-05	1.05E-05	1.06E-05	5.7626E-04
606667.8	4201068.22	88341.88539	0.02662	0.02762	0.06618	0.0665	0.07126	0.07188	4.97E-04	6.69E-06	7.03E-06	2.70E-05	2.70E-05	1.04E-05	1.05E-05	5.6463E-04
606687.8	4201068.22	85674.71744	0.02778	0.02885	0.06844	0.06876	0.07052	0.07107	4.82E-04	6.98E-06	7.34E-06	2.79E-05	2.79E-05	1.03E-05	1.04E-05	5.5207E-04
606707.8	4201068.22	82887.20682	0.02899	0.03014	0.07081	0.07112	0.06976	0.07025	4.66E-04	7.28E-06	7.67E-06	2.88E-05	2.88E-05	1.02E-05	1.02E-05	5.3894E-04
606727.8	4201068.22	79988.07642	0.03036	0.0316	0.07337	0.07367	0.06896	0.0694	4.50E-04	7.62E-06	8.04E-06	2.99E-05	2.99E-05	1.01E-05	1.01E-05	5.2542E-04
606747.8	4201068.22	77034.34592	0.03191	0.03325	0.07613	0.07642	0.06815	0.06853	4.33E-04	8.01E-06	8.46E-06	3.10E-05	3.10E-05	9.95E-06	9.99E-06	5.1185E-04
606767.8	4201068.22	74083.6424	0.03359	0.03504	0.07907	0.07935	0.06732	0.06764	4.17E-04	8.44E-06	8.92E-06	3.22E-05	3.22E-05	9.83E-06	9.86E-06	4.9852E-04
606787.8	4201068.22	71172.00069	0.03542	0.03699	0.0822	0.08247	0.06647	0.06675	4.00E-04	8.90E-06	9.41E-06	3.35E-05	3.35E-05	9.71E-06	9.73E-06	4.8563E-04
606807.8	4201068.22	68315.09114	0.03752	0.03924	0.08563	0.08589	0.06561	0.06584	3.84E-04	9.42E-06	9.98E-06	3.49E-05	3.48E-05	9.58E-06	9.60E-06	4.7345E-04
606827.8	4201068.22	65551.8622	0.03981	0.04169	0.08929	0.08955	0.06474	0.06493	3.69E-04	1.00E-05	1.06E-05	3.64E-05	3.63E-05	9.45E-06	9.46E-06	4.6207E-04
606847.8	4201068.22	62894.41939	0.04232	0.04438	0.09324	0.09333	0.06387	0.06402	3.54E-04	1.06E-05	1.13E-05	3.80E-05	3.79E-05	9.33E-06	9.33E-06	4.5158E-04
606867.8	4201068.22	60347.37803	0.04569	0.04749	0.09655	0.09675	0.06299	0.0631	3.39E-04	1.15E-05	1.21E-05	3.93E-05	3.92E-05	9.20E-06	9.20E-06	4.4163E-04
606887.8	4201068.22	57919.06442	0.04902	0.05137	0.10107	0.10128	0.06211	0.06219	3.26E-04	1.23E-05	1.31E-05	4.12E-05	4.11E-05	9.07E-06	9.06E-06	4.3347E-04
606907.8	4201068.22	55607.14551	0.05266	0.05531	0.10607	0.10626	0.06123	0.06128	3.13E-04	1.32E-05	1.41E-05	4.32E-05	4.31E-05	8.94E-06	8.93E-06	4.2643E-04
606927.8	4201068.22	53409.72717	0.05674	0.05978	0.11152	0.11166	0.06035	0.06036	3.00E-04	1.42E-05	1.52E-05	4.54E-05	4.53E-05	8.81E-06	8.80E-06	4.2064E-04
606947.8	4201068.22	51325.85134	0.06122	0.06457	0.11757	0.11768	0.05947	0.05946	2.89E-04	1.54E-05	1.64E-05	4.79E-05	4.77E-05	8.68E-06	8.67E-06	4.1617E-04
606967.8	4201068.22	49351.81626	0.06628	0.07005	0.12431	0.12437	0.0586	0.05855	2.78E-04	1.66E-05	1.78E-05	5.06E-05	5.05E-05	8.56E-06	8.53E-06	4.1319E-04
606987.8	4201068.22	47482.90971	0.07207	0.07637	0.13183	0.13184	0.05772	0.05765	2.67E-04	1.81E-05	1.94E-05	5.37E-05	5.35E-05	8.43E-06	8.40E-06	4.1183E-04
607007.8	4201068.22	45717.89522	0.07868	0.0836	0.14027	0.1402	0.05685	0.05676	2.57E-04	1.98E-05	2.13E-05	5.71E-05	5.69E-05	8.30E-06	8.27E-06	4.1223E-04
607027.8	4201068.22	44047.70585	0.08646	0.09213	0.14991	0.14973	0.05599	0.05587	2.48E-04	2.17E-05	2.34E-05	6.11E-05	6.07E-05	8.18E-06	8.14E-06	4.1475E-04
607047.8	4201068.22	42466.76385	0.09573	0.10227	0.16101	0.16066	0.05512	0.05499	2.39E-04	2.40E-05	2.60E-05	6.56E-05	6.52E-05	8.05E-06	8.02E-06	4.1972E-04
607067.8	4201068.22	40974.63429	0.10669	0.11432	0.17373	0.17314	0.05426	0.05411	2.31E-04	2.68E-05	2.91E-05	7.08E-05	7.02E-05	7.92E-06	7.89E-06	4.2739E-04
607087.8	4201068.22	39564.71208	0.11991	0.12893	0.18848	0.18757	0.05342	0.05325	2.23E-04	3.01E-05	3.28E-05	7.68E-05	7.61E-05	7.80E-06	7.76E-06	4.3835E-04
607107.8	4201068.22	38231.25007	0.1363	0.14706	0.20589	0.2045	0.05257	0.05239	2.15E-04	3.42E-05	3.74E-05	8.39E-05	8.30E-05	7.68E-06	7.64E-06	4.5354E-04
607127.8	4201068.22	36971.66558	0.15665	0.16965	0.22655	0.22446	0.05174	0.05154	2.08E-04	3.93E-05	4.32E-05	9.23E-05	9.11E-05	7.56E-06	7.51E-06	4.7382E-04
607147.8	4201068.22	35780.07256	0.18269	0.19866	0.25159	0.24843	0.05092	0.05071	2.01E-04	4.59E-05	5.05E-05	1.02E-04	1.01E-04	7.44E-06	7.39E-06	5.0096E-04
607167.8	4201068.22	34651.98983	0.21689	0.23697	0.28266	0.27779	0.0501	0.04988	1.95E-04	5.45E-05	6.03E-05	1.15E-04	1.13E-04	7.32E-06	7.27E-06	5.3752E-04
607187.8	4201068.22	33583.11001	0.26331	0.28924	0.32227	0.31453	0.0493	0.04907	1.89E-04	6.61E-05	7.36E-05	1.31E-04	1.28E-04	7.20E-06	7.15E-06	5.8750E-04
607207.8	4201068.22	32569.69904	0.3289	0.36351	0.37448	0.36178	0.04851	0.04827	1.83E-04	8.26E-05	9.25E-05	1.53E-04	1.47E-04	7.08E-06	7.04E-06	6.5760E-04
607227.8	4201068.22	31608.01741	0.42656	0.47459	0.44631	0.42462	0.04773	0.04748	1.78E-04	1.07E-04	1.21E-04	1.82E-04	1.72E-04	6.97E-06	6.92E-06	7.5973E-04
607247.8	4201068.22	30694.61673	0.58325	0.65243	0.55114	0.51185	0.04695	0.0467	1.73E-04	1.46E-04	1.66E-04	2.24E-04	2.08E-04	6.86E-06	6.81E-06	9.1727E-04
607267.8	4201068.22	29826.10415	0.86426	0.96507	0.7168	0.63975	0.0462	0.04594	1.68E-04	2.17E-04	2.46E-04	2.92E-04	2.60E-04	6.75E-06	6.70E-06	1.1819E-03
607287.8	4201068.22	28999.667	1.45809	1.58626	1.00645	0.83985	0.04545	0.04518	1.63E-04	3.66E-04	4.04E-04	4.10E-04	3.41E-04	6.64E-06	6.59E-06	1.6835E-03
607307.8	4201068.22	28212.74579	3.00598	2.96884	1.53752	1.15462	0.04471	0.04444	1.59E-04	7.55E-04	7.55E-04	6.26E-04	4.68E-04	6.53E-06	6.48E-06	2.7636E-03
606527.8	4201088.22	95485.69963	0.01928	0.01983	0.05404	0.05441	0.08031	0.08142	5.37E-04	4.84E-06	5.05E-06	2.20E-05	2.21E-05	1.17E-05	1.19E-05	5.9114E-04
606547.8	4201088.22	93850.00865	0.01998	0.02056	0.0556	0.05598	0.07965	0.08065	5.28E-04	5.02E-06	5.23E-06	2.26E-05	2.27E-05	1.16E-05	1.18E-05	5.8358E-04
606567.8	4201088.22	92199.3927	0.02069	0.02131	0.05723	0.05762	0.07893	0.07985	5.19E-04	5.20E-06	5.42E-06	2.33E-05	2.34E-05	1.15E-05	1.16E-05	5.7599E-04
606587.8	4201088.22	90487.20005	0.02146	0.02212	0.05896	0.05938	0.07817	0.079	5.09E-04	5.39E-06	5.63E-06	2.40E-05	2.41E-05	1.14E-05	1.15E-05	5.6817E-04
606607.8	4201088.22	88717.47507	0.02224	0.02293	0.06076	0.06119	0.07738	0.07813	4.99E-04	5.59E-06	5.83E-06	2.47E-05	2.48E-05	1.13E-05	1.14E-05	5.6009E-04
606627.8	4201088.22	86849.55824	0.0231	0.02384	0.0627	0.06315	0.07656	0.07722	4.89E-04	5.80E-06	6.07E-06	2.55E-05	2.56E-05	1.12E-05	1.13E-05	5.5161E-04
606647.8	4201088.22	84832.94789	0.024	0.02479	0.06475	0.06521	0.0757	0.07629	4.77E-04	6.03E-06	6.31E-06	2.64E-05	2.65E-05	1.11E-05	1.11E-05	5.4241E-04
606667.8	4201088.22	82651.74363	0.02498	0.02582	0.06693	0.0674	0.07483	0.07535	4.65E-04	6.27E-06	6.57E-06	2.73E-05	2.73E-05	1.09E-05	1.10E-05	5.3242E-04
606687.8	4201088.22	80316.68742	0.02605	0.02696	0.06928	0.06976	0.07393	0.07439	4.52E-04	6.54E-06	6.86E-06	2.82E-05	2.83E-05	1.08E-05	1.08E-05	5.2176E-04
606707.8	4201088.22	77877.43861	0.02721	0.02818	0.07176	0.07225	0.073	0.0734	4.38E-04	6.83E-06	7.17E-06	2.92E-05	2.93E-05	1.07E-05	1.07E-05	5.1066E-04
606727.8	4201088.22	75353.04582	0.02844	0.02949	0.0744	0.07489	0.07207	0.07241	4.24E-04	7.14E-06	7.50E-06	3.03E-05	3.04E-05	1.05E-05	1.06E-05	4.9924E-04
606747.8	4201088.22	72770.52775	0.02987	0.03099	0.07727	0.07777	0.0711	0.07139	4.09E-04	7.50E-06	7.88E-06	3.15E-05	3.15E-05	1.04E-05	1.04E-05	4.8779E-04
606767.8	4201088.22	70182.24719	0.03139	0.03261	0.08032	0.08082	0.07013	0.07037	3.95E-04	7.88E-06	8.30E-06	3.27E-05	3.28E-05	1.02E-05	1.03E-05	4.7650E-04
606787.8	4201088.22	67613.89533	0.03305	0.03437	0.08358	0.0841	0.06916	0.06935	3.80E-04	8.30E-06	8.74E-06	3.40E-05	3.41E-05	1.01E-05	1.01E-05	4.6558E-04
606807.8	4201088.22	65088.90431	0.0349	0.03634	0.08711	0.08764	0.06817	0.06832	3.66E-04	8.76E-06	9.25E-06	3.55E-05	3.56E-05	9.96E-06	9.96E-06	4.5521E-04
606827.8	4201088.22	62628.94569	0.03694	0.0385	0.09092	0.09148	0.06718	0.06729	3.52E-04	9.28E-06	9.80E-06	3.70E-05	3.71E-05	9.81E-06	9.81E-06	4.4555E-04
606847.8	4201088.22	60251.82393	0.03915	0.04085	0.09502	0.09558	0.0662	0.06626	3.39E-04	9.83E-06	1.04E-05	3.87E-05	3.88E-05	9.67E-06	9.66E-06	4.3666E-04
606867.8	4201088.22	57957.37525	0.04216	0.04359	0.09895	0.09926	0.06521	0.06523	3.26E-04	1.06E-05	1.11E-05	4.03E-05	4.03E-05	9.52E-06	9.51E-06	4.2830E-04
606887.8	4201088.22	55760.10873	0.04513	0.0471	0.10343	0.10403	0.06422	0.06422	3.14E-04	1.13E-05	1.20E-05	4.21E-05	4.22E-05	9.38E-06	9.36E-06	4.2134E-04
606907.8	4201088.22	53655.93158	0.04833	0.05051	0.10863	0.1093	0.06324	0.0632	3.02E-04	1.21E-05	1.29E-05	4.42E-05	4.43E-05	9.24E-06	9.21E-06	4.1542E-04
606927.8	4201088.22	51644.20709	0.05199	0.05446	0.11438	0.11506	0.06226	0.06219	2.91E-04	1.31E-05	1.39E-05	4.66E-05	4.67E-05	9.09E-06	9.06E-06	4.1071E-04
606947.8	4201088.22	49726.25668	0.05592	0.05873	0.12077	0.12149	0.06129	0.06119	2.80E-04	1.40E-05	1.49E-05	4.92E-05	4.93E-05	8.95E-06	8.92E-06	4.0720E-04
606967.8	4201088.22	47899.07453	0.06034	0.06349	0.12785	0.12863	0.06032	0.0602	2.69E-04	1.52E-05	1.62E-05	5.21E-05	5.22E-05	8.81E-06	8.77E-06	4.0503E-04
606987.8	4201088.22	46160.90082	0.06534	0.06891	0.13579	0.13663	0.05935	0.05922	2.60E-04	1.64E-05	1.75E-05	5.53E-05	5.54E-05	8.67E-06	8.63E-06	4.0436E-04
607007.8	4201088.22	44509.80948	0.07109	0.07513	0.14473	0.14565	0.0584	0.05824	2.50E-04	1.79E-05	1.91E-05	5.90E-05	5.91E-05	8.53E-06	8.49E-06	4.0540E-04
607027.8	4201088.22	42942.25508	0.07769	0.08233	0.1549	0.15591	0.05746	0.05728	2.42E-04	1.95E-05	2.09E-05	6.31E-05	6.32E-05	8.39E-06	8.35E-06	4.0838E-04
607047.8	4201088.22	41453.49074	0.08548	0.09076	0.16663	0.16773	0.05652	0.05632	2.33E-04	2.15E-05	2.31E-05	6.79E-05	6.80E-05	8.25E-06	8.21E-06	4.1367E-04
607067.8	4201088.22	40041.99123	0.09459	0.10071	0.18014	0.18136	0.05559	0.05538	2.25E-04	2.38E-05	2.56E-05	7.34E-05	7.36E-05	8.12E-06	8.07E-06	4.2158E-04
607087.8	4201088.22	38700.06851	0.10569	0.11287	0.19606	0.19743	0.05467	0.05444	2.18E-04	2.65E-05	2.87E-05	7.99E-05	8.01E-05	7.98E-06	7.93E-06	4.3292E-04
607107.8	4201088.22	37429.82903	0.11905	0.12758	0.21472	0.21625	0.05376	0.05352	2.11E-04	2.99E-05	3.25E-05	8.75E-05	8.77E-05	7.85E-06	7.80E-06	4.4811E-04
607127.8	4201088.22	36224.08293	0.1357	0.14591	0.23717	0.23891	0.05287	0.05262	2.04E-04	3.41E-05	3.71E-05	9.66E-05	9.69E-05	7.72E-06	7.67E-06	4.6850E-04
607147.8	4201088.22	35082.04401	0.15643	0.1689	0.26433	0.26635	0.05198	0.05172	1.97E-04	3.93E-05	4.30E-05	1.08E-04	1.08E-04	7.59E-06	7.54E-06	4.9533E-04
607167.8	4201088.22	33998.25525	0.18307	0.19873	0.29823	0.30052	0.05111	0.05085	1.91E-04	4.60E-05	5.06E-05	1.21E-04	1.22E-04	7.46E-06	7.41E-06	5.3118E-04
607187.8	4201088.22	32969.42046	0.21821	0.23855	0.34172	0.34424	0.05026	0.04998	1.85E-04	5.48E-05	6.07E-05	1.39E-04	1.40E-04	7.34E-06	7.28E-06	5.7980E-04
607207.8	4201088.22	31991.93074	0.2661	0.2937	0.39951	0.40207	0.04941	0.04913	1.80E-04	6.68E-05	7.47E-05	1.63E-04	1.63E-04	7.22E-06	7.16E-06	6.4736E-04
607227.8	4201088.22	31062.9647	0.33423	0.3738	0.47986	0.48202	0.04858	0.04829	1.75E-04	8.39E-05	9.51E-05	1.95E-04	1.96E-04	7.09E-06	7.04E-06	7.4478E-04
607247.8	4201088.22	30179.21459	0.43751	0.4984	0.59894	0.59935	0.04777	0.04747	1.70E-04	1.10E-04	1.27E-04	2.44E-04	2.43E-04	6.98E-06	6.92E-06	8.9354E-04
607267.8	4201088.22	29338.04675	0.61001	0.7135	0.79269	0.78713	0.04696	0.04666	1.65E-04	1.53E-04	1.82E-04	3.23E-04	3.19E-04	6.86E-06	6.80E-06	1.1419E-03
607287.8	4201088.22	28536.69092	0.94341	1.15085	1.15797	1.12953	0.04617	0.04587	1.61E-04	2.37E-04	2.93E-04	4.72E-04	4.58E-04	6.74E-06	6.69E-06	1.6201E-03
607307.8	4201088.22	27772.87986	1.71503	2.29712	2.03513	1.88382	0.0454	0.04509	1.56E-04	4.31E-04	5.84E-04	8.29E-04	7.64E-04	6.63E-06	6.57E-06	2.7645E-03
606527.8	4201108.22	89259.25848	0.01831	0.01878	0.05442	0.05485	0.08529	0.0863	5.02E-04	4.60E-06	4.78E-06	2.22E-05	2.22E-05	1.25E-05	1.26E-05	5.5594E-04
606547.8	4201108.22	87771.56601	0.01892	0.01942	0.05597	0.05642	0.08441	0.08531	4.94E-04	4.75E-06	4.94E-06	2.28E-05	2.29E-05	1.23E-05	1.24E-05	5.4915E-04
606567.8	4201108.22	86246.87438	0.01959	0.02012	0.05763	0.05811	0.08349	0.0843	4.85E-04	4.92E-06	5.12E-06	2.35E-05	2.36E-05	1.22E-05	1.23E-05	5.4228E-04
606587.8	4201108.22	84681.84065	0.02029	0.02085	0.05938	0.05988	0.08254	0.08325	4.76E-04	5.10E-06	5.30E-06	2.42E-05	2.43E-05	1.21E-05	1.21E-05	5.3527E-04
606607.8	4201108.22	83072.00561	0.02105	0.02164	0.06126	0.06179	0.08154	0.08218	4.67E-04	5.29E-06	5.51E-06	2.50E-05	2.51E-05	1.19E-05	1.20E-05	5.2815E-04
606627.8	4201108.22	81358.98373	0.02185	0.02248	0.06324	0.0638	0.08052	0.08108	4.58E-04	5.49E-06	5.72E-06	2.58E-05	2.59E-05	1.18E-05	1.18E-05	5.2055E-04
606647.8	4201108.22	79558.58174	0.02267	0.02334	0.06533	0.06591	0.07948	0.07997	4.48E-04	5.69E-06	5.94E-06	2.66E-05	2.67E-05	1.16E-05	1.17E-05	5.1255E-04
606667.8	4201108.22	77624.57666	0.02358	0.0243	0.06757	0.06817	0.07842	0.07884	4.37E-04	5.92E-06	6.18E-06	2.75E-05	2.77E-05	1.15E-05	1.15E-05	5.0397E-04

606687.8	4201108.22	75571.80884	0.02456	0.02532	0.06997	0.07059	0.07734	0.0777	4.25E-04	6.17E-06	6.44E-06	2.85E-05	2.86E-05	1.13E-05	1.13E-05	4.9489E-04
606707.8	4201108.22	73419.25333	0.02565	0.02647	0.07255	0.07319	0.07627	0.07657	4.13E-04	6.44E-06	6.73E-06	2.96E-05	2.97E-05	1.11E-05	1.12E-05	4.8545E-04
606727.8	4201108.22	71197.37628	0.0268	0.02767	0.07527	0.07593	0.07517	0.07541	4.01E-04	6.73E-06	7.04E-06	3.07E-05	3.08E-05	1.10E-05	1.10E-05	4.7576E-04
606747.8	4201108.22	68928.4481	0.02807	0.02901	0.0782	0.07887	0.07406	0.07425	3.88E-04	7.05E-06	7.38E-06	3.19E-05	3.20E-05	1.08E-05	1.08E-05	4.6605E-04
606767.8	4201108.22	66633.59498	0.0295	0.03052	0.08137	0.08207	0.07295	0.07309	3.75E-04	7.41E-06	7.77E-06	3.31E-05	3.33E-05	1.07E-05	1.07E-05	4.5647E-04
606787.8	4201108.22	64355.71726	0.03101	0.0321	0.08472	0.08545	0.07183	0.07193	3.62E-04	7.79E-06	8.17E-06	3.45E-05	3.47E-05	1.05E-05	1.05E-05	4.4717E-04
606807.8	4201108.22	62107.14064	0.03267	0.03385	0.08834	0.08911	0.07072	0.07077	3.49E-04	8.20E-06	8.61E-06	3.60E-05	3.61E-05	1.03E-05	1.03E-05	4.3834E-04
606827.8	4201108.22	59904.30813	0.03451	0.03578	0.09227	0.09309	0.0696	0.06962	3.37E-04	8.67E-06	9.10E-06	3.76E-05	3.78E-05	1.02E-05	1.01E-05	4.3012E-04
606847.8	4201108.22	57764.0914	0.03651	0.0379	0.09652	0.09737	0.06849	0.06847	3.25E-04	9.17E-06	9.64E-06	3.93E-05	3.95E-05	1.00E-05	9.98E-06	4.2259E-04
606867.8	4201108.22	55695.36813	0.03874	0.04025	0.10083	0.10156	0.06739	0.06734	3.13E-04	9.73E-06	1.02E-05	4.11E-05	4.12E-05	9.84E-06	9.82E-06	4.1556E-04
606887.8	4201108.22	53700.227	0.04175	0.04326	0.10538	0.10636	0.0663	0.06621	3.02E-04	1.05E-05	1.10E-05	4.29E-05	4.31E-05	9.68E-06	9.65E-06	4.0966E-04
606907.8	4201108.22	51778.46354	0.04477	0.04653	0.11081	0.11188	0.06521	0.06509	2.91E-04	1.12E-05	1.18E-05	4.51E-05	4.54E-05	9.52E-06	9.49E-06	4.0489E-04
606927.8	4201108.22	49934.62454	0.04807	0.05006	0.11682	0.11797	0.06412	0.06398	2.81E-04	1.21E-05	1.27E-05	4.76E-05	4.79E-05	9.36E-06	9.33E-06	4.0116E-04
606947.8	4201108.22	48169.8006	0.05156	0.05382	0.12348	0.12474	0.06305	0.06289	2.71E-04	1.29E-05	1.37E-05	5.03E-05	5.06E-05	9.21E-06	9.17E-06	3.9853E-04
606967.8	4201108.22	46481.58207	0.05544	0.05796	0.13086	0.13225	0.06199	0.06181	2.61E-04	1.39E-05	1.47E-05	5.33E-05	5.36E-05	9.05E-06	9.01E-06	3.9711E-04
606987.8	4201108.22	44868.84012	0.05982	0.06261	0.13909	0.14067	0.06095	0.06074	2.52E-04	1.50E-05	1.59E-05	5.67E-05	5.71E-05	8.90E-06	8.85E-06	3.9709E-04
607007.8	4201108.22	43328.02436	0.06482	0.06798	0.14843	0.15018	0.05991	0.05968	2.44E-04	1.63E-05	1.73E-05	6.05E-05	6.09E-05	8.75E-06	8.70E-06	3.9870E-04
607027.8	4201108.22	41858.72137	0.07057	0.07417	0.15901	0.16102	0.05888	0.05864	2.35E-04	1.77E-05	1.89E-05	6.48E-05	6.53E-05	8.60E-06	8.55E-06	4.0216E-04
607047.8	4201108.22	40457.47033	0.07729	0.08132	0.17126	0.17358	0.05787	0.05761	2.28E-04	1.94E-05	2.07E-05	6.98E-05	7.04E-05	8.45E-06	8.40E-06	4.0787E-04
607067.8	4201108.22	39121.98738	0.08518	0.08978	0.18551	0.18822	0.05687	0.0566	2.20E-04	2.14E-05	2.28E-05	7.56E-05	7.64E-05	8.30E-06	8.25E-06	4.1623E-04
607087.8	4201108.22	37851.70956	0.09451	0.09981	0.2021	0.20533	0.05588	0.0556	2.13E-04	2.37E-05	2.54E-05	8.23E-05	8.33E-05	8.16E-06	8.10E-06	4.2768E-04
607107.8	4201108.22	36642.3143	0.10581	0.11197	0.22176	0.22567	0.05491	0.05461	2.06E-04	2.66E-05	2.85E-05	9.03E-05	9.15E-05	8.02E-06	7.96E-06	4.4307E-04
607127.8	4201108.22	35492.46804	0.11959	0.1268	0.2453	0.25016	0.05395	0.05365	2.00E-04	3.00E-05	3.23E-05	9.99E-05	1.01E-04	7.88E-06	7.82E-06	4.6336E-04
607147.8	4201108.22	34397.96316	0.13673	0.14534	0.27407	0.28027	0.05301	0.05269	1.94E-04	3.43E-05	3.70E-05	1.12E-04	1.14E-04	7.74E-06	7.68E-06	4.9015E-04
607167.8	4201108.22	33358.09381	0.15807	0.16866	0.30976	0.31786	0.05208	0.05176	1.88E-04	3.97E-05	4.29E-05	1.26E-04	1.29E-04	7.61E-06	7.54E-06	5.2538E-04
607187.8	4201108.22	32368.81476	0.18544	0.1989	0.35552	0.3664	0.05117	0.05085	1.82E-04	4.66E-05	5.06E-05	1.45E-04	1.49E-04	7.47E-06	7.41E-06	5.7271E-04
607207.8	4201108.22	31426.93462	0.2214	0.23923	0.41617	0.43133	0.05028	0.04995	1.77E-04	5.56E-05	6.09E-05	1.70E-04	1.75E-04	7.34E-06	7.28E-06	6.3775E-04
607227.8	4201108.22	30530.00493	0.27029	0.29506	0.50008	0.52233	0.0494	0.04907	1.72E-04	6.79E-05	7.51E-05	2.04E-04	2.12E-04	7.21E-06	7.15E-06	7.3028E-04
607247.8	4201108.22	29675.44639	0.34025	0.37668	0.62316	0.65811	0.04854	0.0482	1.67E-04	8.55E-05	9.58E-05	2.54E-04	2.67E-04	7.09E-06	7.03E-06	8.6902E-04
607267.8	4201108.22	28860.92475	0.44835	0.50629	0.81929	0.88012	0.04769	0.04735	1.62E-04	1.13E-04	1.29E-04	3.34E-04	3.57E-04	6.96E-06	6.90E-06	1.0945E-03
607287.8	4201108.22	28084.09119	0.63381	0.73976	1.17287	1.29618	0.04686	0.04652	1.58E-04	1.59E-04	1.88E-04	4.78E-04	5.26E-04	6.84E-06	6.78E-06	1.5089E-03
607307.8	4201108.22	27342.53209	0.97654	1.23148	1.93063	2.23698	0.04605	0.0457	1.54E-04	2.45E-04	3.13E-04	7.86E-04	9.07E-04	6.72E-06	6.66E-06	2.4062E-03
606527.8	4201128.22	83759.88554	0.01744	0.01784	0.05469	0.05518	0.09041	0.09129	4.71E-04	4.38E-06	4.54E-06	2.23E-05	2.24E-05	1.32E-05	1.33E-05	5.2479E-04
606547.8	4201128.22	82374.63131	0.01803	0.01846	0.05629	0.05681	0.08929	0.09005	4.63E-04	4.53E-06	4.70E-06	2.29E-05	2.30E-05	1.30E-05	1.31E-05	5.1861E-04
606567.8	4201128.22	80968.40422	0.01865	0.01911	0.05798	0.05852	0.08812	0.08881	4.56E-04	4.68E-06	4.86E-06	2.36E-05	2.37E-05	1.29E-05	1.29E-05	5.1240E-04
606587.8	4201128.22	79531.23862	0.01929	0.01977	0.05974	0.06032	0.08695	0.08754	4.47E-04	4.84E-06	5.03E-06	2.43E-05	2.45E-05	1.27E-05	1.28E-05	5.0610E-04
606607.8	4201128.22	78058.22131	0.02	0.0205	0.06165	0.06225	0.08574	0.08626	4.39E-04	5.02E-06	5.22E-06	2.51E-05	2.53E-05	1.25E-05	1.26E-05	4.9973E-04
606627.8	4201128.22	76501.62533	0.02075	0.02128	0.06367	0.06431	0.08453	0.08495	4.30E-04	5.21E-06	5.41E-06	2.59E-05	2.61E-05	1.23E-05	1.24E-05	4.9302E-04
606647.8	4201128.22	74881.88746	0.02151	0.02208	0.06579	0.06646	0.08329	0.08365	4.21E-04	5.40E-06	5.62E-06	2.68E-05	2.70E-05	1.22E-05	1.22E-05	4.8604E-04
606667.8	4201128.22	73152.85189	0.02237	0.02297	0.06809	0.0688	0.08204	0.08234	4.12E-04	5.62E-06	5.84E-06	2.77E-05	2.79E-05	1.20E-05	1.20E-05	4.7864E-04
606687.8	4201128.22	71325.83296	0.02331	0.02396	0.07058	0.07132	0.08078	0.08102	4.01E-04	5.85E-06	6.10E-06	2.87E-05	2.89E-05	1.18E-05	1.18E-05	4.7089E-04
606707.8	4201128.22	69415.3701	0.02433	0.02501	0.07323	0.07399	0.07953	0.07972	3.91E-04	6.11E-06	6.36E-06	2.98E-05	3.00E-05	1.16E-05	1.16E-05	4.6282E-04
606727.8	4201128.22	67445.6692	0.0254	0.02613	0.07602	0.07681	0.07827	0.0784	3.79E-04	6.38E-06	6.65E-06	3.10E-05	3.12E-05	1.14E-05	1.14E-05	4.5458E-04
606747.8	4201128.22	65432.40442	0.02659	0.02737	0.07903	0.07985	0.077	0.07708	3.68E-04	6.68E-06	6.96E-06	3.22E-05	3.24E-05	1.12E-05	1.12E-05	4.4633E-04
606767.8	4201128.22	63391.98978	0.0279	0.02874	0.08227	0.08312	0.07574	0.07577	3.57E-04	7.01E-06	7.31E-06	3.35E-05	3.37E-05	1.11E-05	1.10E-05	4.3817E-04
606787.8	4201128.22	61359.74864	0.02927	0.03017	0.08569	0.08659	0.07448	0.07447	3.45E-04	7.35E-06	7.68E-06	3.49E-05	3.51E-05	1.09E-05	1.09E-05	4.3025E-04
606807.8	4201128.22	59347.87401	0.03076	0.03173	0.08937	0.09032	0.07323	0.07319	3.34E-04	7.73E-06	8.07E-06	3.64E-05	3.66E-05	1.07E-05	1.07E-05	4.2271E-04
606827.8	4201128.22	57367.46189	0.03242	0.03346	0.09337	0.0944	0.07199	0.07191	3.23E-04	8.14E-06	8.51E-06	3.80E-05	3.83E-05	1.05E-05	1.05E-05	4.1571E-04
606847.8	4201128.22	55429.34371	0.03429	0.03541	0.09777	0.09889	0.07075	0.07064	3.12E-04	8.61E-06	9.01E-06	3.98E-05	4.01E-05	1.03E-05	1.03E-05	4.0939E-04
606867.8	4201128.22	53552.38629	0.03627	0.03754	0.10227	0.10317	0.06953	0.06939	3.01E-04	9.11E-06	9.55E-06	4.17E-05	4.19E-05	1.02E-05	1.01E-05	4.0344E-04
606887.8	4201128.22	51733.301	0.03913	0.04034	0.10709	0.10837	0.06832	0.06815	2.91E-04	9.83E-06	1.03E-05	4.36E-05	4.40E-05	9.98E-06	9.93E-06	3.9871E-04
606907.8	4201128.22	49980.69694	0.04175	0.04314	0.11266	0.11407	0.06713	0.06693	2.81E-04	1.05E-05	1.10E-05	4.59E-05	4.63E-05	9.80E-06	9.76E-06	3.9480E-04
606927.8	4201128.22	48289.37942	0.04471	0.04627	0.11886	0.12043	0.06595	0.06572	2.72E-04	1.12E-05	1.18E-05	4.84E-05	4.89E-05	9.63E-06	9.58E-06	3.9193E-04
606947.8	4201128.22	46662.95059	0.04794	0.04975	0.12573	0.12743	0.06478	0.06453	2.63E-04	1.20E-05	1.27E-05	5.12E-05	5.17E-05	9.46E-06	9.41E-06	3.9011E-04
606967.8	4201128.22	45101.00746	0.05147	0.05343	0.1334	0.1353	0.06362	0.06336	2.54E-04	1.29E-05	1.36E-05	5.43E-05	5.49E-05	9.29E-06	9.24E-06	3.8946E-04
606987.8	4201128.22	43602.23995	0.05542	0.05757	0.14198	0.14415	0.06249	0.0622	2.45E-04	1.39E-05	1.46E-05	5.78E-05	5.85E-05	9.13E-06	9.07E-06	3.9016E-04
607007.8	4201128.22	42166.39193	0.05987	0.06229	0.15164	0.15408	0.06136	0.06106	2.37E-04	1.50E-05	1.58E-05	6.18E-05	6.25E-05	8.96E-06	8.90E-06	3.9237E-04
607027.8	4201128.22	40791.92875	0.06497	0.06767	0.16258	0.16536	0.06026	0.05995	2.29E-04	1.63E-05	1.72E-05	6.62E-05	6.71E-05	8.80E-06	8.74E-06	3.9632E-04
607047.8	4201128.22	39475.30087	0.07093	0.0739	0.17527	0.17851	0.05917	0.05884	2.22E-04	1.78E-05	1.88E-05	7.14E-05	7.24E-05	8.64E-06	8.58E-06	4.0249E-04
607067.8	4201128.22	38216.72821	0.07787	0.08118	0.18999	0.19382	0.05809	0.05776	2.15E-04	1.96E-05	2.07E-05	7.74E-05	7.86E-05	8.48E-06	8.42E-06	4.1121E-04
607087.8	4201128.22	37013.12917	0.08614	0.08986	0.20731	0.21191	0.05704	0.05669	2.08E-04	2.16E-05	2.29E-05	8.44E-05	8.60E-05	8.33E-06	8.26E-06	4.2312E-04
607107.8	4201128.22	35866.64147	0.09588	0.10011	0.22764	0.23324	0.056	0.05565	2.02E-04	2.41E-05	2.55E-05	9.27E-05	9.46E-05	8.18E-06	8.11E-06	4.3866E-04
607127.8	4201128.22	34771.08371	0.10777	0.11259	0.25215	0.25917	0.05498	0.05462	1.96E-04	2.71E-05	2.86E-05	1.03E-04	1.05E-04	8.03E-06	7.96E-06	4.5916E-04
607147.8	4201128.22	33725.72562	0.12229	0.12793	0.28205	0.29109	0.05398	0.05362	1.90E-04	3.07E-05	3.25E-05	1.15E-04	1.18E-04	7.88E-06	7.82E-06	4.8595E-04
607167.8	4201128.22	32729.81876	0.14003	0.14686	0.31917	0.33111	0.053	0.05263	1.84E-04	3.52E-05	3.74E-05	1.30E-04	1.34E-04	7.74E-06	7.67E-06	5.2098E-04
607187.8	4201128.22	31779.70515	0.16221	0.17079	0.36673	0.383	0.05204	0.05167	1.79E-04	4.07E-05	4.35E-05	1.49E-04	1.55E-04	7.60E-06	7.53E-06	5.6771E-04
607207.8	4201128.22	30873.09771	0.19045	0.20172	0.42971	0.45279	0.0511	0.05072	1.74E-04	4.78E-05	5.13E-05	1.75E-04	1.84E-04	7.46E-06	7.39E-06	6.3154E-04
607227.8	4201128.22	30008.10449	0.22744	0.24295	0.51667	0.55117	0.05017	0.04979	1.69E-04	5.71E-05	6.18E-05	2.10E-04	2.24E-04	7.33E-06	7.26E-06	7.2178E-04
607247.8	4201128.22	29182.60335	0.278	0.30054	0.64378	0.69901	0.04926	0.04888	1.64E-04	6.98E-05	7.65E-05	2.62E-04	2.84E-04	7.19E-06	7.12E-06	8.5623E-04
607267.8	4201128.22	28394.43073	0.35113	0.38671	0.84488	0.94262	0.04838	0.048	1.60E-04	8.82E-05	9.84E-05	3.44E-04	3.82E-04	7.07E-06	7.00E-06	1.0728E-03
607287.8	4201128.22	27641.45372	0.46313	0.52774	1.20172	1.40259	0.04751	0.04713	1.56E-04	1.16E-04	1.34E-04	4.89E-04	5.69E-04	6.94E-06	6.87E-06	1.4645E-03
607307.8	4201128.22	26921.59283	0.63308	0.7709	1.93945	2.44029	0.04665	0.04627	1.51E-04	1.59E-04	1.96E-04	7.90E-04	9.90E-04	6.81E-06	6.74E-06	2.2864E-03
606527.8	4201148.22	78848.91934	0.01669	0.01704	0.05494	0.05548	0.09561	0.09635	4.44E-04	4.19E-06	4.34E-06	2.24E-05	2.25E-05	1.40E-05	1.40E-05	4.9699E-04
606547.8	4201148.22	77559.49903	0.01724	0.01761	0.05655	0.05712	0.09423	0.09487	4.36E-04	4.33E-06	4.48E-06	2.30E-05	2.32E-05	1.38E-05	1.38E-05	4.9134E-04
606567.8	4201148.22	76269.61526	0.01782	0.01821	0.05825	0.05885	0.09283	0.09336	4.29E-04	4.48E-06	4.63E-06	2.37E-05	2.39E-05	1.36E-05	1.36E-05	4.8578E-04
606587.8	4201148.22	74937.28892	0.01844	0.01885	0.06005	0.06069	0.09141	0.09185	4.22E-04	4.63E-06	4.80E-06	2.45E-05	2.46E-05	1.33E-05	1.34E-05	4.8008E-04
606607.8	4201148.22	73583.26952	0.01909	0.01953	0.06198	0.06265	0.08998	0.09035	4.14E-04	4.79E-06	4.97E-06	2.52E-05	2.54E-05	1.31E-05	1.32E-05	4.7438E-04
606627.8	4201148.22	72172.80716	0.01976	0.02022	0.06398	0.06469	0.08855	0.08884	4.06E-04	4.96E-06	5.14E-06	2.61E-05	2.62E-05	1.29E-05	1.29E-05	4.6843E-04
606647.8	4201148.22	70694.72975	0.02053	0.02101	0.06619	0.06694	0.08711	0.08733	3.98E-04	5.16E-06	5.35E-06	2.70E-05	2.72E-05	1.27E-05	1.27E-05	4.6232E-04
606667.8	4201148.22	69138.70221	0.02134	0.02185	0.06854	0.06934	0.08566	0.08583	3.89E-04	5.36E-06	5.56E-06	2.79E-05	2.81E-05	1.25E-05	1.25E-05	4.5592E-04
606687.8	4201148.22	67504.98804	0.02222	0.02277	0.07108	0.07191	0.08421	0.08432	3.80E-04	5.58E-06	5.79E-06	2.90E-05	2.92E-05	1.23E-05	1.23E-05	4.4926E-04
606707.8	4201148.22	65800.46553	0.02317	0.02375	0.07378	0.07465	0.08278	0.08284	3.70E-04	5.82E-06	6.04E-06	3.01E-05	3.03E-05	1.21E-05	1.21E-05	4.4237E-04
606727.8	4201148.22	64039.72828	0.02422	0.02483	0.07668	0.07758	0.08134	0.08135	3.60E-04	6.08E-06	6.32E-06	3.12E-05	3.15E-05	1.19E-05	1.19E-05	4.3537E-04
606747.8	4201148.22	62242.73061	0.02531	0.02597	0.07973	0.08068	0.07991	0.07987	3.50E-04	6.36E-06	6.61E-06	3.25E-05	3.27E-05	1.17E-05	1.16E-05	4.2833E-04
606767.8	4201148.22	60429.1919	0.02646	0.02716	0.08296	0.08395	0.0785	0.07842	3.40E-04	6.65E-06	6.91E-06	3.38E-05	3.41E-05	1.15E-05	1.14E-05	4.2136E-04
606787.8	4201148.22	58601.37682	0.02776	0.02851	0.08647	0.08752	0.07709	0.07698	3.30E-04	6.97E-06	7.25E-06	3.52E-05	3.55E-05	1.13E-05	1.12E-05	4.1462E-04
606807.8	4201148.22	56787.75662	0.02915	0.02995	0.09023	0.09134	0.07571	0.07555	3.19E-04	7.32E-06	7.62E-06	3.68E-05	3.71E-05	1.11E-05	1.10E-05	4.0822E-04
606827.8	4201148.22	54996.68626	0.03069	0.03154	0.09432	0.09552	0.07433	0.07414	3.09E-04	7.71E-06	8.02E-06	3.84E-05	3.87E-05	1.09E-05	1.08E-05	4.0229E-04
606847.8	4201148.22	53241.62303	0.03238	0.03329	0.09877	0.10008	0.07297	0.07275	3.00E-04	8.13E-06	8.47E-06	4.02E-05	4.06E-05	1.07E-05	1.06E-05	3.9695E-04
606867.8	4201148.22	51527.99919	0.03427	0.03529	0.10338	0.10452	0.07162	0.07138	2.90E-04	8.61E-06	8.98E-06	4.21E-05	4.24E-05	1.05E-05	1.04E-05	3.9197E-04
606887.8	4201148.22	49868.7276	0.03678	0.03744	0.10856	0.11005	0.0703	0.07003	2.81E-04	9.24E-06	9.53E-06	4.42E-05	4.46E-05	1.03E-05	1.02E-05	3.8817E-04
606907.8	4201148.22	48259.43017	0.03935	0.04043	0.11423	0.11592	0.069	0.06871	2.71E-04	9.88E-06	1.03E-05	4.65E-05	4.70E-05	1.01E-05	1.00E-05	3.8521E-04
606927.8	4201148.22	46704.38218	0.04206	0.04329	0.1206	0.12248	0.06771	0.0674	2.63E-04	1.06E-05	1.10E-05	4.91E-05	4.97E-05	9.89E-06	9.82E-06	3.8313E-04
606947.8	4201148.22	45203.45796	0.04503	0.04645	0.12768	0.12974	0.06644	0.06611	2.54E-04	1.13E-05	1.18E-05	5.20E-05	5.26E-05	9.70E-06	9.64E-06	3.8206E-04
606967.8	4201148.22	43756.58013	0.04829	0.0498	0.13563	0.13794	0.06519	0.06485	2.46E-04	1.21E-05	1.27E-05	5.52E-05	5.60E-05	9.52E-06	9.45E-06	3.8216E-04
606987.8	4201148.22	42364.20895	0.05189	0.05357	0.14453	0.14713	0.06396	0.06361	2.38E-04	1.30E-05	1.36E-05	5.89E-05	5.97E-05	9.34E-06	9.27E-06	3.8354E-04
607007.8	4201148.22	41026.78595	0.05596	0.05778	0.15449	0.15744	0.06276	0.06239	2.31E-04	1.41E-05	1.47E-05	6.29E-05	6.39E-05	9.17E-06	9.09E-06	3.8635E-04
607027.8	4201148.22	39742.85348	0.06056	0.06256	0.16573	0.16912	0.06157	0.06119	2.24E-04	1.52E-05	1.59E-05	6.75E-05	6.86E-05	8.99E-06	8.92E-06	3.9081E-04
607047.8	4201148.22	38508.41473	0.06595	0.06809	0.17877	0.1827	0.06041	0.06002	2.17E-04	1.66E-05	1.73E-05	7.28E-05	7.41E-05	8.82E-06	8.75E-06	3.9745E-04
607067.8	4201148.22	37324.56701	0.07219	0.07452	0.19388	0.19851	0.05927	0.05887	2.10E-04	1.81E-05	1.90E-05	7.90E-05	8.05E-05	8.66E-06	8.58E-06	4.0656E-04
607087.8	4201148.22	36188.12382	0.07961	0.08217	0.2117	0.21725	0.05814	0.05774	2.04E-04	2.00E-05	2.09E-05	8.62E-05	8.81E-05	8.49E-06	8.42E-06	4.1884E-04
607107.8	4201148.22	35100.63137	0.08838	0.09123	0.23278	0.23952	0.05704	0.05663	1.97E-04	2.22E-05	2.32E-05	9.48E-05	9.72E-05	8.33E-06	8.25E-06	4.3485E-04
607127.8	4201148.22	34058.79077	0.0989	0.10211	0.25819	0.2666	0.05596	0.05555	1.92E-04	2.48E-05	2.60E-05	1.05E-04	1.08E-04	8.17E-06	8.10E-06	4.5573E-04
607147.8	4201148.22	33063.4357	0.1114	0.11515	0.28897	0.29975	0.05491	0.05449	1.86E-04	2.80E-05	2.93E-05	1.18E-04	1.22E-04	8.02E-06	7.94E-06	4.8257E-04
607167.8	4201148.22	32111.12649	0.12648	0.13107	0.32739	0.34158	0.05387	0.05345	1.81E-04	3.18E-05	3.33E-05	1.33E-04	1.39E-04	7.87E-06	7.79E-06	5.1767E-04
607187.8	4201148.22	31200.21907	0.14487	0.15074	0.37665	0.39596	0.05286	0.05244	1.76E-04	3.64E-05	3.84E-05	1.53E-04	1.61E-04	7.72E-06	7.64E-06	5.6429E-04
607207.8	4201148.22	30329.05505	0.16759	0.17548	0.44192	0.46932	0.05187	0.05145	1.71E-04	4.21E-05	4.46E-05	1.80E-04	1.90E-04	7.57E-06	7.50E-06	6.2774E-04
607227.8	4201148.22	29495.90812	0.19633	0.20743	0.53207	0.57313	0.0509	0.05047	1.66E-04	4.93E-05	5.28E-05	2.17E-04	2.32E-04	7.43E-06	7.36E-06	7.1723E-04
607247.8	4201148.22	28699.23394	0.23389	0.25038	0.66377	0.72984	0.04995	0.04953	1.61E-04	5.87E-05	6.37E-05	2.70E-04	2.96E-04	7.29E-06	7.22E-06	8.5032E-04
607267.8	4201148.22	27937.03265	0.28468	0.31105	0.87134	0.98918	0.04902	0.0486	1.57E-04	7.15E-05	7.91E-05	3.55E-04	4.01E-04	7.16E-06	7.08E-06	1.0640E-03
607287.8	4201148.22	27207.83009	0.3548	0.40019	1.23508	1.47896	0.04811	0.04769	1.53E-04	8.91E-05	1.02E-04	5.03E-04	6.00E-04	7.03E-06	6.95E-06	1.4470E-03
607307.8	4201148.22	26507.94422	0.45058	0.53166	1.97295	2.57589	0.04722	0.0468	1.49E-04	1.13E-04	1.35E-04	8.04E-04	1.04E-03	6.90E-06	6.82E-06	2.2461E-03
606527.8	4201168.22	74450.43151	0.01602	0.01632	0.05513	0.05572	0.1009	0.10145	4.19E-04	4.02E-06	4.15E-06	2.25E-05	2.26E-05	1.47E-05	1.48E-05	4.7207E-04
606547.8	4201168.22	73257.10793	0.01653	0.01686	0.05675	0.05737	0.09923	0.0997	4.12E-04	4.15E-06	4.29E-06	2.31E-05	2.33E-05	1.45E-05	1.45E-05	4.6695E-04
606567.8	4201168.22	72058.55315	0.01708	0.01742	0.05845	0.0591	0.09757	0.09795	4.05E-04	4.29E-06	4.43E-06	2.38E-05	2.40E-05	1.42E-05	1.43E-05	4.6188E-04
606587.8	4201168.22	70824.64568	0.01766	0.01802	0.06028	0.06096	0.0959	0.09619	3.98E-04	4.44E-06	4.58E-06	2.46E-05	2.47E-05	1.40E-05	1.40E-05	4.5674E-04
606607.8	4201168.22	69575.7711	0.01828	0.01865	0.06221	0.06294	0.09423	0.09444	3.91E-04	4.59E-06	4.75E-06	2.53E-05	2.55E-05	1.38E-05	1.38E-05	4.5162E-04
606627.8	4201168.22	68279.1385	0.01892	0.01932	0.06425	0.06502	0.09256	0.09271	3.84E-04	4.75E-06	4.92E-06	2.62E-05	2.64E-05	1.35E-05	1.35E-05	4.4633E-04
606647.8	4201168.22	66931.75318	0.01965	0.02006	0.06649	0.06731	0.0909	0.09099	3.77E-04	4.93E-06	5.10E-06	2.71E-05	2.73E-05	1.33E-05	1.33E-05	4.4096E-04
606667.8	4201168.22	65521.26691	0.02043	0.02087	0.06889	0.06976	0.08925	0.08928	3.69E-04	5.13E-06	5.31E-06	2.81E-05	2.83E-05	1.30E-05	1.30E-05	4.3540E-04
606687.8	4201168.22	64053.32769	0.02125	0.02171	0.07144	0.07236	0.08761	0.08759	3.60E-04	5.34E-06	5.52E-06	2.91E-05	2.94E-05	1.28E-05	1.28E-05	4.2966E-04
606707.8	4201168.22	62516.37646	0.02217	0.02266	0.07423	0.07519	0.08599	0.08592	3.52E-04	5.57E-06	5.77E-06	3.02E-05	3.05E-05	1.26E-05	1.25E-05	4.2377E-04
606727.8	4201168.22	60933.55971	0.02318	0.0237	0.07721	0.07822	0.08437	0.08425	3.43E-04	5.82E-06	6.03E-06	3.14E-05	3.17E-05	1.23E-05	1.23E-05	4.1782E-04
606747.8	4201168.22	59320.84526	0.02421	0.02476	0.08032	0.08137	0.08277	0.08261	3.34E-04	6.08E-06	6.30E-06	3.27E-05	3.30E-05	1.21E-05	1.20E-05	4.1182E-04
606767.8	4201168.22	57687.67802	0.02532	0.0259	0.08363	0.08473	0.0812	0.081	3.25E-04	6.36E-06	6.59E-06	3.41E-05	3.44E-05	1.19E-05	1.18E-05	4.0592E-04
606787.8	4201168.22	56044.53034	0.02651	0.02713	0.08717	0.08833	0.07965	0.07942	3.15E-04	6.66E-06	6.90E-06	3.55E-05	3.58E-05	1.16E-05	1.16E-05	4.0019E-04
606807.8	4201168.22	54403.74655	0.02782	0.02847	0.091	0.09223	0.07812	0.07785	3.06E-04	6.99E-06	7.24E-06	3.71E-05	3.74E-05	1.14E-05	1.13E-05	3.9477E-04
606827.8	4201168.22	52781.9888	0.02923	0.02992	0.09511	0.09645	0.07661	0.07632	2.97E-04	7.34E-06	7.61E-06	3.87E-05	3.91E-05	1.12E-05	1.11E-05	3.8975E-04
606847.8	4201168.22	51184.22056	0.03081	0.03154	0.09963	0.10108	0.07512	0.0748	2.88E-04	7.74E-06	8.02E-06	4.06E-05	4.10E-05	1.10E-05	1.09E-05	3.8529E-04
606867.8	4201168.22	49618.09171	0.03258	0.0334	0.10434	0.10568	0.07366	0.07331	2.79E-04	8.18E-06	8.50E-06	4.25E-05	4.29E-05	1.08E-05	1.07E-05	3.8118E-04
606887.8	4201168.22	48094.9025	0.03503	0.03577	0.10971	0.11143	0.07222	0.07185	2.71E-04	8.80E-06	9.10E-06	4.47E-05	4.52E-05	1.05E-05	1.05E-05	3.7835E-04
606907.8	4201168.22	46614.84523	0.03742	0.03828	0.11556	0.11747	0.0708	0.07042	2.62E-04	9.40E-06	9.74E-06	4.71E-05	4.77E-05	1.03E-05	1.03E-05	3.7610E-04
606927.8	4201168.22	45179.60482	0.04001	0.04099	0.12208	0.12418	0.0694	0.06901	2.54E-04	1.00E-05	1.04E-05	4.97E-05	5.04E-05	1.01E-05	1.01E-05	3.7474E-04
606947.8	4201168.22	43794.19851	0.04267	0.04377	0.12936	0.13171	0.06804	0.06763	2.46E-04	1.07E-05	1.11E-05	5.27E-05	5.34E-05	9.94E-06	9.86E-06	3.7434E-04
606967.8	4201168.22	42454.73996	0.04564	0.04682	0.13751	0.14015	0.0667	0.06628	2.39E-04	1.15E-05	1.19E-05	5.60E-05	5.69E-05	9.74E-06	9.66E-06	3.7507E-04
606987.8	4201168.22	41162.09826	0.04897	0.05023	0.14663	0.1496	0.06538	0.06495	2.32E-04	1.23E-05	1.28E-05	5.97E-05	6.07E-05	9.55E-06	9.47E-06	3.7705E-04
607007.8	4201168.22	39915.84061	0.05271	0.05408	0.15685	0.16021	0.0641	0.06365	2.25E-04	1.32E-05	1.38E-05	6.39E-05	6.50E-05	9.36E-06	9.28E-06	3.8043E-04
607027.8	4201168.22	38715.43431	0.05699	0.05845	0.16844	0.17227	0.06283	0.06238	2.18E-04	1.43E-05	1.49E-05	6.86E-05	6.99E-05	9.18E-06	9.09E-06	3.8547E-04
607047.8	4201168.22	37556.23793	0.06202	0.06356	0.18191	0.18637	0.06159	0.06113	2.11E-04	1.56E-05	1.62E-05	7.41E-05	7.56E-05	8.99E-06	8.91E-06	3.9272E-04
607067.8	4201168.22	36443.59974	0.06776	0.0694	0.19742	0.20264	0.06038	0.05992	2.05E-04	1.70E-05	1.77E-05	8.04E-05	8.22E-05	8.82E-06	8.73E-06	4.0231E-04
607087.8	4201168.22	35373.98942	0.07447	0.07623	0.21557	0.22179	0.05919	0.05873	1.99E-04	1.87E-05	1.94E-05	8.78E-05	9.00E-05	8.64E-06	8.56E-06	4.1487E-04
607107.8	4201168.22	34343.70125	0.0825	0.08444	0.23737	0.24491	0.05802	0.05756	1.93E-04	2.07E-05	2.15E-05	9.67E-05	9.93E-05	8.47E-06	8.39E-06	4.3144E-04
607127.8	4201168.22	33356.85534	0.09178	0.09399	0.26334	0.27266	0.05689	0.05642	1.88E-04	2.30E-05	2.39E-05	1.07E-04	1.11E-04	8.31E-06	8.22E-06	4.5248E-04
607147.8	4201168.22	32409.50516	0.10274	0.10538	0.29506	0.30691	0.05578	0.05531	1.82E-04	2.58E-05	2.68E-05	1.20E-04	1.24E-04	8.15E-06	8.06E-06	4.7962E-04
607167.8	4201168.22	31500.5572	0.11568	0.11903	0.33468	0.35016	0.05469	0.05422	1.77E-04	2.91E-05	3.03E-05	1.36E-04	1.42E-04	7.99E-06	7.90E-06	5.1491E-04
607187.8	4201168.22	30628.30469	0.13111	0.13558	0.38565	0.4066	0.05363	0.05316	1.72E-04	3.29E-05	3.45E-05	1.57E-04	1.65E-04	7.83E-06	7.75E-06	5.6174E-04
607207.8	4201168.22	29792.93179	0.14946	0.15569	0.45299	0.48255	0.05259	0.05212	1.68E-04	3.75E-05	3.96E-05	1.85E-04	1.96E-04	7.68E-06	7.60E-06	6.2501E-04
607227.8	4201168.22	28991.71699	0.17198	0.181	0.54633	0.5905	0.05157	0.05111	1.63E-04	4.32E-05	4.61E-05	2.23E-04	2.40E-04	7.53E-06	7.45E-06	7.1440E-04
607247.8	4201168.22	28223.87417	0.20006	0.21369	0.68282	0.75391	0.05058	0.05012	1.59E-04	5.02E-05	5.44E-05	2.78E-04	3.06E-04	7.39E-06	7.31E-06	8.4733E-04
607267.8	4201168.22	27487.81676	0.23573	0.25693	0.89764	1.02478	0.04961	0.04916	1.55E-04	5.92E-05	6.54E-05	3.66E-04	4.16E-04	7.24E-06	7.17E-06	1.0605E-03
607287.8	4201168.22	26781.9351	0.28237	0.3151	1.27431	1.53728	0.04867	0.04821	1.51E-04	7.09E-05	8.02E-05	5.19E-04	6.24E-04	7.11E-06	7.03E-06	1.4444E-03
607307.8	4201168.22	26104.15436	0.3424	0.39319	2.03248	2.67489	0.04774	0.04729	1.47E-04	8.60E-05	1.00E-04	8.28E-04	1.09E-03	6.97E-06	6.89E-06	2.2458E-03
606527.8	4201188.22	70486.67085	0.01542	0.01569	0.0553	0.05592	0.10621	0.10658	3.97E-04	3.87E-06	3.99E-06	2.25E-05	2.27E-05	1.55E-05	1.55E-05	4.4961E-04
606547.8	4201188.22	69379.76204	0.0159	0.01618	0.0569	0.05755	0.10425	0.10453	3.90E-04	3.99E-06	4.12E-06	2.32E-05	2.33E-05	1.52E-05	1.52E-05	4.4494E-04
606567.8	4201188.22	68262.26623	0.01642	0.01672	0.05862	0.05931	0.10231	0.10251	3.84E-04	4.12E-06	4.25E-06	2.39E-05	2.41E-05	1.49E-05	1.49E-05	4.4034E-04
606587.8	4201188.22	67116.5484	0.01697	0.01729	0.06045	0.06118	0.10038	0.1005	3.78E-04	4.26E-06	4.40E-06	2.46E-05	2.48E-05	1.47E-05	1.46E-05	4.3568E-04
606607.8	4201188.22	65961.72555	0.01755	0.01788	0.06238	0.06315	0.09845	0.09851	3.71E-04	4.41E-06	4.55E-06	2.54E-05	2.56E-05	1.44E-05	1.44E-05	4.3106E-04
606627.8	4201188.22	64763.83955	0.01817	0.01852	0.06445	0.06527	0.09656	0.09654	3.64E-04	4.56E-06	4.71E-06	2.63E-05	2.65E-05	1.41E-05	1.41E-05	4.2635E-04
606647.8	4201188.22	63529.95045	0.01886	0.01922	0.06671	0.06758	0.09468	0.0946	3.57E-04	4.74E-06	4.89E-06	2.72E-05	2.74E-05	1.38E-05	1.38E-05	4.2161E-04
606667.8	4201188.22	62246.32126	0.0196	0.01998	0.06913	0.07006	0.09282	0.09268	3.50E-04	4.92E-06	5.08E-06	2.82E-05	2.84E-05	1.36E-05	1.35E-05	4.1676E-04
606687.8	4201188.22	60908.58077	0.02042	0.02082	0.07177	0.07275	0.09096	0.09079	3.43E-04	5.13E-06	5.30E-06	2.92E-05	2.95E-05	1.33E-05	1.32E-05	4.1182E-04
606707.8	4201188.22	59521.86948	0.0213	0.02171	0.07458	0.07562	0.08915	0.08894	3.35E-04	5.35E-06	5.52E-06	3.04E-05	3.07E-05	1.30E-05	1.30E-05	4.0678E-04
606727.8	4201188.22	58095.85402	0.02224	0.02268	0.07759	0.07868	0.08735	0.08709	3.27E-04	5.59E-06	5.77E-06	3.16E-05	3.19E-05	1.28E-05	1.27E-05	4.0171E-04
606747.8	4201188.22	56638.04506	0.02323	0.02369	0.08077	0.08191	0.08558	0.08529	3.19E-04	5.83E-06	6.03E-06	3.29E-05	3.32E-05	1.25E-05	1.24E-05	3.9662E-04
606767.8	4201188.22	55161.39588	0.02429	0.02478	0.08415	0.08534	0.08384	0.08352	3.10E-04	6.10E-06	6.30E-06	3.43E-05	3.46E-05	1.22E-05	1.22E-05	3.9162E-04
606787.8	4201188.22	53672.50312	0.02544	0.02595	0.08776	0.08902	0.08214	0.08178	3.02E-04	6.39E-06	6.60E-06	3.57E-05	3.61E-05	1.20E-05	1.19E-05	3.8679E-04
606807.8	4201188.22	52182.65623	0.02669	0.02723	0.09165	0.09299	0.08046	0.08008	2.94E-04	6.70E-06	6.93E-06	3.73E-05	3.77E-05	1.17E-05	1.17E-05	3.8225E-04
606827.8	4201188.22	50705.71328	0.02803	0.0286	0.09582	0.09726	0.07882	0.07841	2.85E-04	7.04E-06	7.28E-06	3.90E-05	3.95E-05	1.15E-05	1.14E-05	3.7805E-04
606847.8	4201188.22	49246.31479	0.02953	0.03012	0.10039	0.1018	0.0772	0.07678	2.77E-04	7.42E-06	7.66E-06	4.09E-05	4.13E-05	1.13E-05	1.12E-05	3.7431E-04
606867.8	4201188.22	47815.03118	0.0312	0.03182	0.10517	0.10669	0.07562	0.07517	2.69E-04	7.84E-06	8.10E-06	4.28E-05	4.33E-05	1.10E-05	1.10E-05	3.7104E-04
606887.8	4201188.22	46410.88336	0.03366	0.03428	0.11072	0.1126	0.07406	0.0736	2.61E-04	8.45E-06	8.72E-06	4.51E-05	4.57E-05	1.08E-05	1.07E-05	3.6904E-04
606907.8	4201188.22	45046.00424	0.03586	0.03657	0.11671	0.11879	0.07253	0.07205	2.53E-04	9.01E-06	9.30E-06	4.75E-05	4.82E-05	1.06E-05	1.05E-05	3.6745E-04
606927.8	4201188.22	43721.98164	0.03818	0.039	0.12331	0.1256	0.07103	0.07055	2.46E-04	9.59E-06	9.92E-06	5.02E-05	5.09E-05	1.04E-05	1.03E-05	3.6665E-04
606947.8	4201188.22	42437.13792	0.0407	0.04156	0.13078	0.13336	0.06957	0.06907	2.39E-04	1.02E-05	1.06E-05	5.33E-05	5.41E-05	1.02E-05	1.01E-05	3.6690E-04
606967.8	4201188.22	41194.68725	0.04346	0.04438	0.13909	0.14203	0.06814	0.06763	2.32E-04	1.09E-05	1.13E-05	5.67E-05	5.76E-05	9.95E-06	9.86E-06	3.6822E-04
606987.8	4201188.22	39992.56034	0.04657	0.04754	0.14843	0.15174	0.06674	0.06622	2.25E-04	1.17E-05	1.21E-05	6.05E-05	6.16E-05	9.75E-06	9.65E-06	3.7079E-04
607007.8	4201188.22	38830.92682	0.05009	0.05112	0.15888	0.16262	0.06537	0.06485	2.18E-04	1.26E-05	1.30E-05	6.47E-05	6.60E-05	9.55E-06	9.45E-06	3.7472E-04
607027.8	4201188.22	37707.06964	0.05415	0.0552	0.17088	0.17514	0.06402	0.0635	2.12E-04	1.36E-05	1.40E-05	6.96E-05	7.10E-05	9.35E-06	9.26E-06	3.8042E-04
607047.8	4201188.22	36621.85026	0.05882	0.05991	0.18466	0.18956	0.06271	0.06218	2.06E-04	1.48E-05	1.52E-05	7.52E-05	7.69E-05	9.16E-06	9.06E-06	3.8815E-04
607067.8	4201188.22	35576.75309	0.06417	0.06531	0.20052	0.20623	0.06143	0.0609	2.00E-04	1.61E-05	1.66E-05	8.17E-05	8.37E-05	8.97E-06	8.88E-06	3.9821E-04
607087.8	4201188.22	34569.00065	0.07038	0.0716	0.21912	0.22588	0.06017	0.05965	1.94E-04	1.77E-05	1.82E-05	8.93E-05	9.16E-05	8.79E-06	8.69E-06	4.1125E-04
607107.8	4201188.22	33597.55398	0.07761	0.07895	0.24125	0.2494	0.05895	0.05843	1.89E-04	1.95E-05	2.01E-05	9.83E-05	1.01E-04	8.61E-06	8.52E-06	4.2802E-04
607127.8	4201188.22	32662.97048	0.0859	0.08748	0.26783	0.27782	0.05776	0.05724	1.84E-04	2.16E-05	2.23E-05	1.09E-04	1.13E-04	8.43E-06	8.34E-06	4.4937E-04
607147.8	4201188.22	31761.21465	0.09564	0.09764	0.30059	0.31323	0.05659	0.05607	1.79E-04	2.40E-05	2.48E-05	1.22E-04	1.27E-04	8.26E-06	8.17E-06	4.7704E-04
607167.8	4201188.22	30894.12683	0.10686	0.10955	0.34155	0.35792	0.05545	0.05493	1.74E-04	2.68E-05	2.79E-05	1.39E-04	1.45E-04	8.10E-06	8.01E-06	5.1282E-04
607187.8	4201188.22	30061.28311	0.11975	0.12353	0.39403	0.41597	0.05434	0.05382	1.69E-04	3.01E-05	3.14E-05	1.60E-04	1.69E-04	7.94E-06	7.84E-06	5.5985E-04
607207.8	4201188.22	29261.09104	0.13473	0.1402	0.46371	0.49445	0.05326	0.05274	1.65E-04	3.38E-05	3.57E-05	1.89E-04	2.01E-04	7.78E-06	7.69E-06	6.2357E-04
607227.8	4201188.22	28492.03289	0.15241	0.1605	0.56047	0.6061	0.0522	0.05169	1.60E-04	3.83E-05	4.08E-05	2.28E-04	2.46E-04	7.62E-06	7.53E-06	7.1355E-04
607247.8	4201188.22	27754.05043	0.17329	0.18523	0.70128	0.77428	0.05117	0.05067	1.56E-04	4.35E-05	4.71E-05	2.86E-04	3.14E-04	7.47E-06	7.39E-06	8.4651E-04
607267.8	4201188.22	27045.44724	0.19864	0.21573	0.92189	1.05147	0.05017	0.04967	1.52E-04	4.99E-05	5.49E-05	3.75E-04	4.27E-04	7.33E-06	7.24E-06	1.0589E-03
607287.8	4201188.22	26363.91913	0.23124	0.25489	1.31007	1.57568	0.04918	0.04869	1.48E-04	5.81E-05	6.49E-05	5.34E-04	6.39E-04	7.18E-06	7.10E-06	1.4440E-03
607307.8	4201188.22	25708.95699	0.27233	0.30614	2.09956	2.74205	0.04823	0.04774	1.45E-04	6.84E-05	7.79E-05	8.55E-04	1.11E-03	7.04E-06	6.96E-06	2.2584E-03
606527.8	4201208.22	66899.30271	0.01487	0.01511	0.05541	0.05606	0.11155	0.11171	3.76E-04	3.73E-06	3.84E-06	2.26E-05	2.27E-05	1.63E-05	1.63E-05	4.2924E-04
606547.8	4201208.22	65863.11821	0.01534	0.01559	0.05704	0.05772	0.10927	0.10935	3.71E-04	3.85E-06	3.97E-06	2.32E-05	2.34E-05	1.60E-05	1.59E-05	4.2499E-04
606567.8	4201208.22	64822.58384	0.01583	0.01609	0.05874	0.05947	0.10703	0.10703	3.65E-04	3.98E-06	4.09E-06	2.39E-05	2.41E-05	1.56E-05	1.56E-05	4.2079E-04
606587.8	4201208.22	63757.4179	0.01635	0.01663	0.06057	0.06133	0.10482	0.10476	3.59E-04	4.11E-06	4.23E-06	2.47E-05	2.49E-05	1.53E-05	1.53E-05	4.1657E-04

606607.8	4201208.22	62682.8944	0.01691	0.0172	0.06251	0.06332	0.10265	0.10252	3.53E-04	4.25E-06	4.38E-06	2.55E-05	2.57E-05	1.50E-05	1.49E-05	4.1240E-04
606627.8	4201208.22	61572.81285	0.01751	0.01781	0.06461	0.06547	0.10051	0.10031	3.46E-04	4.40E-06	4.53E-06	2.63E-05	2.66E-05	1.47E-05	1.46E-05	4.0819E-04
606647.8	4201208.22	60438.06775	0.01817	0.01848	0.06687	0.06779	0.09838	0.09815	3.40E-04	4.56E-06	4.70E-06	2.72E-05	2.75E-05	1.44E-05	1.43E-05	4.0401E-04
606667.8	4201208.22	59257.08042	0.0189	0.01923	0.06936	0.07034	0.09631	0.09602	3.33E-04	4.75E-06	4.89E-06	2.83E-05	2.85E-05	1.41E-05	1.40E-05	3.9979E-04
606687.8	4201208.22	58040.95178	0.01967	0.02001	0.07198	0.07303	0.09425	0.09393	3.27E-04	4.94E-06	5.09E-06	2.93E-05	2.96E-05	1.38E-05	1.37E-05	3.9549E-04
606707.8	4201208.22	56787.57189	0.02048	0.02083	0.07478	0.07589	0.09225	0.09189	3.19E-04	5.14E-06	5.30E-06	3.05E-05	3.08E-05	1.35E-05	1.34E-05	3.9116E-04
606727.8	4201208.22	55491.84912	0.02138	0.02175	0.07783	0.079	0.09027	0.08987	3.12E-04	5.37E-06	5.53E-06	3.17E-05	3.20E-05	1.32E-05	1.31E-05	3.8683E-04
606747.8	4201208.22	54172.99553	0.02232	0.02271	0.08104	0.08227	0.08833	0.0879	3.05E-04	5.61E-06	5.78E-06	3.30E-05	3.34E-05	1.29E-05	1.28E-05	3.8253E-04
606767.8	4201208.22	52828.86909	0.02335	0.02376	0.08449	0.08577	0.08642	0.08597	2.97E-04	5.86E-06	6.05E-06	3.44E-05	3.48E-05	1.26E-05	1.25E-05	3.7832E-04
606787.8	4201208.22	51475.02324	0.02446	0.02488	0.08815	0.0895	0.08456	0.08408	2.90E-04	6.14E-06	6.33E-06	3.59E-05	3.63E-05	1.23E-05	1.23E-05	3.7427E-04
606807.8	4201208.22	50113.17756	0.02569	0.02613	0.09214	0.09357	0.08273	0.08223	2.82E-04	6.45E-06	6.65E-06	3.75E-05	3.80E-05	1.21E-05	1.20E-05	3.7051E-04
606827.8	4201208.22	48759.79381	0.02702	0.02748	0.09641	0.09793	0.08094	0.08043	2.74E-04	6.79E-06	6.99E-06	3.93E-05	3.97E-05	1.18E-05	1.17E-05	3.6708E-04
606847.8	4201208.22	47420.30381	0.02872	0.02899	0.10094	0.10272	0.0792	0.07866	2.67E-04	7.21E-06	7.38E-06	4.11E-05	4.17E-05	1.16E-05	1.15E-05	3.6414E-04
606867.8	4201208.22	46106.56685	0.03047	0.03088	0.10602	0.10782	0.07749	0.07694	2.59E-04	7.65E-06	7.86E-06	4.32E-05	4.37E-05	1.13E-05	1.12E-05	3.6181E-04
606887.8	4201208.22	44817.58965	0.03236	0.03285	0.11151	0.1135	0.07582	0.07526	2.52E-04	8.13E-06	8.36E-06	4.54E-05	4.60E-05	1.11E-05	1.10E-05	3.6008E-04
606907.8	4201208.22	43555.73187	0.03443	0.03503	0.11759	0.11977	0.07419	0.07362	2.45E-04	8.65E-06	8.91E-06	4.79E-05	4.86E-05	1.08E-05	1.07E-05	3.5907E-04
606927.8	4201208.22	42327.60955	0.03663	0.03728	0.12438	0.12682	0.07259	0.07201	2.38E-04	9.20E-06	9.48E-06	5.07E-05	5.14E-05	1.06E-05	1.05E-05	3.5891E-04
606947.8	4201208.22	41136.78968	0.03898	0.03966	0.13193	0.13469	0.07103	0.07045	2.31E-04	9.79E-06	1.01E-05	5.37E-05	5.46E-05	1.04E-05	1.03E-05	3.5968E-04
606967.8	4201208.22	39981.13677	0.0416	0.04231	0.1404	0.14352	0.0695	0.06892	2.25E-04	1.04E-05	1.08E-05	5.72E-05	5.82E-05	1.01E-05	1.00E-05	3.6154E-04
606987.8	4201208.22	38860.743	0.04455	0.04528	0.14993	0.15343	0.06802	0.06743	2.19E-04	1.12E-05	1.15E-05	6.11E-05	6.22E-05	9.93E-06	9.83E-06	3.6463E-04
607007.8	4201208.22	37776.10999	0.0479	0.04864	0.16063	0.16463	0.06656	0.06598	2.13E-04	1.20E-05	1.24E-05	6.54E-05	6.68E-05	9.72E-06	9.62E-06	3.6913E-04
607027.8	4201208.22	36722.48929	0.0518	0.05254	0.17298	0.17758	0.06514	0.06455	2.07E-04	1.30E-05	1.34E-05	7.05E-05	7.20E-05	9.51E-06	9.41E-06	3.7546E-04
607047.8	4201208.22	35706.98688	0.05617	0.05692	0.18702	0.19231	0.06376	0.06317	2.01E-04	1.41E-05	1.45E-05	7.62E-05	7.80E-05	9.31E-06	9.21E-06	3.8365E-04
607067.8	4201208.22	34724.24897	0.06122	0.062	0.20328	0.20943	0.06241	0.06182	1.95E-04	1.54E-05	1.58E-05	8.28E-05	8.50E-05	9.11E-06	9.01E-06	3.9425E-04
607087.8	4201208.22	33774.1134	0.06703	0.06787	0.22237	0.22965	0.06109	0.06051	1.90E-04	1.68E-05	1.73E-05	9.06E-05	9.32E-05	8.92E-06	8.82E-06	4.0784E-04
607107.8	4201208.22	32859.4415	0.07353	0.07449	0.24481	0.25351	0.05982	0.05923	1.85E-04	1.85E-05	1.90E-05	9.97E-05	1.03E-04	8.74E-06	8.63E-06	4.2483E-04
607127.8	4201208.22	31974.44058	0.08099	0.08222	0.27202	0.28267	0.05857	0.05799	1.80E-04	2.03E-05	2.09E-05	1.11E-04	1.15E-04	8.55E-06	8.45E-06	4.4660E-04
607147.8	4201208.22	31120.52495	0.08942	0.09109	0.30536	0.31864	0.05735	0.05678	1.75E-04	2.25E-05	2.32E-05	1.24E-04	1.29E-04	8.38E-06	8.28E-06	4.7434E-04
607167.8	4201208.22	30296.53512	0.09893	0.10131	0.34711	0.36419	0.05616	0.05559	1.70E-04	2.48E-05	2.58E-05	1.41E-04	1.48E-04	8.20E-06	8.10E-06	5.1018E-04
607187.8	4201208.22	29501.93939	0.10964	0.11314	0.40095	0.42364	0.055	0.05444	1.66E-04	2.75E-05	2.88E-05	1.63E-04	1.72E-04	8.03E-06	7.93E-06	5.5745E-04
607207.8	4201208.22	28735.17984	0.12191	0.12708	0.47316	0.50475	0.05387	0.05332	1.62E-04	3.06E-05	3.23E-05	1.93E-04	2.05E-04	7.87E-06	7.77E-06	6.2208E-04
607227.8	4201208.22	27998.71049	0.13558	0.14307	0.57245	0.61887	0.05278	0.05223	1.58E-04	3.41E-05	3.64E-05	2.33E-04	2.51E-04	7.71E-06	7.61E-06	7.1217E-04
607247.8	4201208.22	27289.3693	0.15153	0.16192	0.71796	0.79163	0.05171	0.05116	1.54E-04	3.81E-05	4.12E-05	2.92E-04	3.21E-04	7.55E-06	7.46E-06	8.4633E-04
607267.8	4201208.22	26608.86148	0.17012	0.18364	0.94285	1.07121	0.05067	0.05013	1.50E-04	4.27E-05	4.67E-05	3.84E-04	4.35E-04	7.40E-06	7.31E-06	1.0577E-03
607287.8	4201208.22	25951.20829	0.1944	0.21185	1.34409	1.60397	0.04965	0.04912	1.46E-04	4.88E-05	5.39E-05	5.47E-04	6.51E-04	7.25E-06	7.16E-06	1.4468E-03
607307.8	4201208.22	25318.75465	0.22396	0.24764	2.16176	2.7811	0.04866	0.04814	1.42E-04	5.62E-05	6.30E-05	8.81E-04	1.13E-03	7.11E-06	7.02E-06	2.2703E-03
606527.8	4201228.22	63630.31668	0.01437	0.01459	0.0555	0.05618	0.11686	0.11679	3.58E-04	3.61E-06	3.71E-06	2.26E-05	2.28E-05	1.71E-05	1.70E-05	4.1068E-04
606547.8	4201228.22	62663.3302	0.01482	0.01505	0.05712	0.05784	0.11426	0.11412	3.53E-04	3.72E-06	3.83E-06	2.33E-05	2.35E-05	1.67E-05	1.66E-05	4.0680E-04
606567.8	4201228.22	61688.25015	0.0153	0.01554	0.05885	0.05961	0.11171	0.1115	3.47E-04	3.84E-06	3.95E-06	2.40E-05	2.42E-05	1.63E-05	1.63E-05	4.0299E-04
606587.8	4201228.22	60698.33136	0.01579	0.01603	0.06064	0.06144	0.10922	0.10895	3.41E-04	3.97E-06	4.08E-06	2.47E-05	2.49E-05	1.59E-05	1.59E-05	3.9914E-04
606607.8	4201228.22	59694.56575	0.01634	0.01659	0.06262	0.06346	0.10677	0.10645	3.36E-04	4.10E-06	4.22E-06	2.55E-05	2.57E-05	1.56E-05	1.55E-05	3.9540E-04
606627.8	4201228.22	58664.37526	0.01692	0.01718	0.06472	0.06562	0.10438	0.10401	3.30E-04	4.25E-06	4.37E-06	2.64E-05	2.66E-05	1.52E-05	1.52E-05	3.9163E-04
606647.8	4201228.22	57612.07841	0.01757	0.01784	0.06702	0.06798	0.10203	0.10162	3.24E-04	4.41E-06	4.54E-06	2.73E-05	2.76E-05	1.49E-05	1.48E-05	3.8793E-04
606667.8	4201228.22	56527.79625	0.01826	0.01855	0.06949	0.07052	0.09973	0.09927	3.18E-04	4.59E-06	4.72E-06	2.83E-05	2.86E-05	1.46E-05	1.45E-05	3.8422E-04
606687.8	4201228.22	55415.99757	0.01898	0.01928	0.0721	0.0732	0.09747	0.09699	3.12E-04	4.77E-06	4.91E-06	2.94E-05	2.97E-05	1.42E-05	1.41E-05	3.8049E-04
606707.8	4201228.22	54271.74434	0.01975	0.02006	0.07491	0.07607	0.09528	0.09476	3.05E-04	4.96E-06	5.10E-06	3.05E-05	3.09E-05	1.39E-05	1.38E-05	3.7675E-04
606727.8	4201228.22	53093.59797	0.0206	0.02092	0.07795	0.07918	0.09311	0.09256	2.99E-04	5.17E-06	5.32E-06	3.17E-05	3.21E-05	1.36E-05	1.35E-05	3.7305E-04
606747.8	4201228.22	51889.18128	0.02153	0.02186	0.08122	0.08252	0.09099	0.09042	2.92E-04	5.41E-06	5.56E-06	3.31E-05	3.35E-05	1.33E-05	1.32E-05	3.6944E-04
606767.8	4201228.22	50663.1852	0.02253	0.02287	0.08472	0.08608	0.08892	0.08833	2.85E-04	5.66E-06	5.82E-06	3.45E-05	3.49E-05	1.30E-05	1.29E-05	3.6592E-04
606787.8	4201228.22	49425.13884	0.02362	0.02397	0.08846	0.08989	0.08689	0.08629	2.78E-04	5.93E-06	6.10E-06	3.60E-05	3.65E-05	1.27E-05	1.26E-05	3.6258E-04
606807.8	4201228.22	48178.97448	0.02482	0.02518	0.0925	0.09402	0.08492	0.0843	2.71E-04	6.23E-06	6.41E-06	3.77E-05	3.81E-05	1.24E-05	1.23E-05	3.5950E-04
606827.8	4201228.22	46937.65273	0.02611	0.02648	0.09686	0.09844	0.08299	0.08236	2.64E-04	6.56E-06	6.74E-06	3.95E-05	3.99E-05	1.21E-05	1.20E-05	3.5674E-04
606847.8	4201228.22	45707.69694	0.02786	0.02795	0.10166	0.10335	0.08111	0.08047	2.57E-04	7.00E-06	7.11E-06	4.14E-05	4.19E-05	1.18E-05	1.17E-05	3.5458E-04
606867.8	4201228.22	44493.17222	0.02958	0.02998	0.10663	0.10852	0.07928	0.07863	2.50E-04	7.43E-06	7.63E-06	4.34E-05	4.40E-05	1.16E-05	1.15E-05	3.5281E-04
606887.8	4201228.22	43296.56907	0.03146	0.0319	0.11221	0.11426	0.07749	0.07683	2.44E-04	7.90E-06	8.12E-06	4.57E-05	4.63E-05	1.13E-05	1.12E-05	3.5164E-04
606907.8	4201228.22	42137.43891	0.03322	0.03368	0.11829	0.12054	0.07576	0.0751	2.37E-04	8.34E-06	8.57E-06	4.82E-05	4.89E-05	1.11E-05	1.09E-05	3.5104E-04
606927.8	4201228.22	41000.31392	0.03523	0.03574	0.12514	0.1277	0.07407	0.0734	2.31E-04	8.85E-06	9.09E-06	5.10E-05	5.18E-05	1.08E-05	1.07E-05	3.5137E-04
606947.8	4201228.22	39890.87675	0.03749	0.03801	0.13282	0.13572	0.07241	0.07174	2.24E-04	9.42E-06	9.67E-06	5.41E-05	5.51E-05	1.06E-05	1.05E-05	3.5265E-04
606967.8	4201228.22	38812.01945	0.04003	0.04056	0.14142	0.14475	0.07079	0.07013	2.18E-04	1.01E-05	1.03E-05	5.76E-05	5.87E-05	1.03E-05	1.02E-05	3.5504E-04
606987.8	4201228.22	37766.99298	0.04285	0.04338	0.15105	0.15479	0.06922	0.06856	2.12E-04	1.08E-05	1.10E-05	6.15E-05	6.28E-05	1.01E-05	9.99E-06	3.5858E-04
607007.8	4201228.22	36750.84139	0.04609	0.0466	0.16206	0.16635	0.06769	0.06703	2.07E-04	1.16E-05	1.19E-05	6.60E-05	6.75E-05	9.89E-06	9.77E-06	3.6367E-04
607027.8	4201228.22	35762.91405	0.04983	0.05033	0.17476	0.17968	0.06619	0.06553	2.01E-04	1.25E-05	1.28E-05	7.12E-05	7.29E-05	9.67E-06	9.55E-06	3.7058E-04
607047.8	4201228.22	34810.9962	0.05397	0.05447	0.18904	0.1947	0.06474	0.06408	1.96E-04	1.36E-05	1.39E-05	7.70E-05	7.90E-05	9.45E-06	9.34E-06	3.7923E-04
607067.8	4201228.22	33888.34348	0.0587	0.05922	0.20557	0.21217	0.06333	0.06268	1.91E-04	1.47E-05	1.51E-05	8.37E-05	8.61E-05	9.25E-06	9.14E-06	3.9025E-04
607087.8	4201228.22	32994.92108	0.06404	0.06462	0.22495	0.23275	0.06195	0.06131	1.86E-04	1.61E-05	1.64E-05	9.16E-05	9.44E-05	9.05E-06	8.94E-06	4.0418E-04
607107.8	4201228.22	32132.09283	0.06994	0.07068	0.24781	0.25707	0.06062	0.05998	1.81E-04	1.76E-05	1.80E-05	1.01E-04	1.04E-04	8.85E-06	8.74E-06	4.2153E-04
607127.8	4201228.22	31294.32096	0.07662	0.07767	0.27567	0.28696	0.05931	0.05868	1.76E-04	1.92E-05	1.98E-05	1.12E-04	1.16E-04	8.66E-06	8.55E-06	4.4374E-04
607147.8	4201228.22	30487.25819	0.08381	0.08535	0.30935	0.32332	0.05805	0.05743	1.72E-04	2.10E-05	2.17E-05	1.26E-04	1.31E-04	8.48E-06	8.37E-06	4.7143E-04
607167.8	4201228.22	29702.56869	0.09196	0.09429	0.35238	0.37025	0.05681	0.05619	1.67E-04	2.31E-05	2.40E-05	1.44E-04	1.50E-04	8.30E-06	8.19E-06	5.0790E-04
607187.8	4201228.22	28945.99577	0.10075	0.10423	0.40744	0.43099	0.05561	0.055	1.63E-04	2.53E-05	2.65E-05	1.66E-04	1.75E-04	8.12E-06	8.02E-06	5.5545E-04
607207.8	4201228.22	28214.13429	0.11053	0.11556	0.48124	0.51384	0.05444	0.05384	1.59E-04	2.78E-05	2.94E-05	1.96E-04	2.08E-04	7.95E-06	7.85E-06	6.2034E-04
607227.8	4201228.22	27509.56449	0.1212	0.12807	0.58263	0.63015	0.0533	0.05271	1.55E-04	3.04E-05	3.26E-05	2.37E-04	2.56E-04	7.78E-06	7.68E-06	7.1072E-04
607247.8	4201228.22	26828.78729	0.13378	0.14256	0.73206	0.80673	0.05219	0.05161	1.51E-04	3.36E-05	3.63E-05	2.98E-04	3.27E-04	7.62E-06	7.52E-06	8.4623E-04
607267.8	4201228.22	26174.0183	0.14861	0.15933	0.9652	1.0936	0.05112	0.05055	1.47E-04	3.73E-05	4.05E-05	3.93E-04	4.44E-04	7.47E-06	7.37E-06	1.0619E-03
607287.8	4201228.22	25542.6279	0.16682	0.18007	1.37476	1.62564	0.05008	0.04951	1.44E-04	4.19E-05	4.58E-05	5.60E-04	6.59E-04	7.31E-06	7.22E-06	1.4508E-03
607307.8	4201228.22	24932.68364	0.18887	0.2063	2.21814	2.80646	0.04906	0.0485	1.40E-04	4.74E-05	5.25E-05	9.03E-04	1.14E-03	7.16E-06	7.07E-06	2.2821E-03
606527.8	4201248.22	60639.91143	0.01391	0.01411	0.05555	0.05626	0.12208	0.1218	3.41E-04	3.49E-06	3.59E-06	2.26E-05	2.28E-05	1.78E-05	1.78E-05	3.9367E-04
606547.8	4201248.22	59733.99603	0.01435	0.01456	0.05719	0.05794	0.11918	0.11881	3.36E-04	3.60E-06	3.70E-06	2.33E-05	2.35E-05	1.74E-05	1.73E-05	3.9015E-04
606567.8	4201248.22	58820.23509	0.01483	0.01503	0.05894	0.05972	0.11632	0.11589	3.31E-04	3.72E-06	3.82E-06	2.40E-05	2.42E-05	1.70E-05	1.69E-05	3.8669E-04
606587.8	4201248.22	57892.78291	0.01531	0.01553	0.06076	0.06159	0.11353	0.11305	3.26E-04	3.85E-06	3.95E-06	2.47E-05	2.50E-05	1.66E-05	1.65E-05	3.8322E-04
606607.8	4201248.22	56959.06843	0.01583	0.01605	0.0627	0.06358	0.11082	0.1103	3.20E-04	3.98E-06	4.08E-06	2.55E-05	2.58E-05	1.62E-05	1.61E-05	3.7982E-04
606627.8	4201248.22	55996.2203	0.01641	0.01664	0.06485	0.06579	0.10818	0.10761	3.15E-04	4.12E-06	4.23E-06	2.64E-05	2.67E-05	1.58E-05	1.57E-05	3.7647E-04
606647.8	4201248.22	55021.18315	0.01703	0.01727	0.06714	0.06814	0.10558	0.10498	3.10E-04	4.28E-06	4.39E-06	2.73E-05	2.76E-05	1.54E-05	1.53E-05	3.7319E-04
606667.8	4201248.22	54025.33772	0.01767	0.01792	0.06955	0.07062	0.10307	0.10243	3.04E-04	4.44E-06	4.56E-06	2.83E-05	2.86E-05	1.51E-05	1.49E-05	3.6990E-04
606687.8	4201248.22	53002.94841	0.01836	0.01861	0.07215	0.07329	0.1006	0.09995	2.98E-04	4.61E-06	4.73E-06	2.94E-05	2.97E-05	1.47E-05	1.46E-05	3.6664E-04
606707.8	4201248.22	51947.12464	0.01914	0.0194	0.07503	0.07624	0.09819	0.09752	2.92E-04	4.81E-06	4.94E-06	3.06E-05	3.09E-05	1.43E-05	1.42E-05	3.6347E-04
606727.8	4201248.22	50869.84039	0.01995	0.02022	0.07806	0.07934	0.09584	0.09515	2.86E-04	5.01E-06	5.14E-06	3.18E-05	3.22E-05	1.40E-05	1.39E-05	3.6031E-04
606747.8	4201248.22	49768.68817	0.02084	0.02112	0.08134	0.0827	0.09355	0.09284	2.80E-04	5.23E-06	5.37E-06	3.31E-05	3.35E-05	1.37E-05	1.35E-05	3.5727E-04
606767.8	4201248.22	48644.2752	0.02183	0.02212	0.08489	0.08633	0.09131	0.09058	2.74E-04	5.48E-06	5.63E-06	3.46E-05	3.50E-05	1.33E-05	1.32E-05	3.5436E-04
606787.8	4201248.22	47514.24511	0.02286	0.02315	0.08862	0.09013	0.08914	0.0884	2.67E-04	5.74E-06	5.89E-06	3.61E-05	3.66E-05	1.30E-05	1.29E-05	3.5159E-04
606807.8	4201248.22	46368.97177	0.02405	0.02434	0.09274	0.09434	0.08701	0.08627	2.61E-04	6.04E-06	6.19E-06	3.78E-05	3.83E-05	1.27E-05	1.26E-05	3.4913E-04
606827.8	4201248.22	45228.00435	0.0253	0.0256	0.0972	0.09896	0.08495	0.0842	2.54E-04	6.35E-06	6.51E-06	3.96E-05	4.01E-05	1.24E-05	1.23E-05	3.4704E-04
606847.8	4201248.22	44093.83007	0.02709	0.02731	0.10203	0.10384	0.08294	0.08219	2.48E-04	6.80E-06	6.95E-06	4.16E-05	4.21E-05	1.21E-05	1.20E-05	3.4549E-04
606867.8	4201248.22	42974.28077	0.02865	0.02895	0.10706	0.109	0.08099	0.08024	2.42E-04	7.20E-06	7.37E-06	4.36E-05	4.42E-05	1.18E-05	1.17E-05	3.4414E-04
606887.8	4201248.22	41868.09205	0.03038	0.03073	0.11263	0.11477	0.07909	0.07833	2.36E-04	7.63E-06	7.82E-06	4.59E-05	4.66E-05	1.15E-05	1.14E-05	3.4342E-04
606907.8	4201248.22	40785.38232	0.03215	0.03254	0.11887	0.12125	0.07725	0.07649	2.29E-04	8.07E-06	8.28E-06	4.84E-05	4.92E-05	1.13E-05	1.11E-05	3.4340E-04
606927.8	4201248.22	39726.07358	0.0341	0.0345	0.12581	0.12848	0.07545	0.07469	2.23E-04	8.56E-06	8.78E-06	5.12E-05	5.21E-05	1.10E-05	1.09E-05	3.4419E-04
606947.8	4201248.22	38696.72389	0.03623	0.03661	0.13346	0.13647	0.07371	0.07296	2.18E-04	9.10E-06	9.31E-06	5.44E-05	5.54E-05	1.08E-05	1.06E-05	3.4583E-04
606967.8	4201248.22	37692.12357	0.03863	0.039	0.14211	0.14556	0.07201	0.07126	2.12E-04	9.70E-06	9.92E-06	5.79E-05	5.90E-05	1.05E-05	1.04E-05	3.4860E-04
606987.8	4201248.22	36713.90946	0.04136	0.04172	0.15181	0.15575	0.07036	0.06961	2.07E-04	1.04E-05	1.06E-05	6.18E-05	6.32E-05	1.03E-05	1.01E-05	3.5256E-04
607007.8	4201248.22	35759.22588	0.04453	0.04486	0.1631	0.1676	0.06874	0.068	2.01E-04	1.12E-05	1.14E-05	6.64E-05	6.80E-05	1.00E-05	9.91E-06	3.5819E-04
607027.8	4201248.22	34832.42907	0.04812	0.04843	0.17602	0.1812	0.06717	0.06644	1.96E-04	1.21E-05	1.23E-05	7.17E-05	7.35E-05	9.81E-06	9.68E-06	3.6556E-04
607047.8	4201248.22	33937.47303	0.05208	0.05239	0.19058	0.19661	0.06565	0.06493	1.91E-04	1.31E-05	1.33E-05	7.76E-05	7.98E-05	9.59E-06	9.46E-06	3.7471E-04
607067.8	4201248.22	33071.32487	0.05646	0.0568	0.20734	0.21435	0.06418	0.06347	1.86E-04	1.42E-05	1.45E-05	8.45E-05	8.70E-05	9.37E-06	9.25E-06	3.8608E-04
607087.8	4201248.22	32229.44014	0.06138	0.06182	0.22707	0.23535	0.06274	0.06204	1.81E-04	1.54E-05	1.57E-05	9.25E-05	9.55E-05	9.16E-06	9.04E-06	4.0041E-04
607107.8	4201248.22	31414.85787	0.06672	0.06737	0.25041	0.26025	0.06135	0.06066	1.77E-04	1.68E-05	1.71E-05	1.02E-04	1.06E-04	8.96E-06	8.84E-06	4.1819E-04
607127.8	4201248.22	30623.2185	0.07259	0.07361	0.27877	0.29071	0.06	0.05931	1.72E-04	1.82E-05	1.87E-05	1.14E-04	1.18E-04	8.76E-06	8.64E-06	4.4071E-04
607147.8	4201248.22	29856.52695	0.07889	0.08047	0.31355	0.3283	0.05868	0.05801	1.68E-04	1.98E-05	2.05E-05	1.28E-04	1.33E-04	8.57E-06	8.46E-06	4.6914E-04
607167.8	4201248.22	29114.66282	0.08552	0.08793	0.35692	0.37565	0.0574	0.05674	1.64E-04	2.15E-05	2.24E-05	1.45E-04	1.52E-04	8.38E-06	8.27E-06	5.0540E-04
607187.8	4201248.22	28394.82085	0.09266	0.09618	0.4131	0.43773	0.05616	0.05551	1.60E-04	2.33E-05	2.45E-05	1.68E-04	1.78E-04	8.20E-06	8.09E-06	5.5331E-04
607207.8	4201248.22	27697.66138	0.10041	0.10522	0.48799	0.52184	0.05495	0.05431	1.56E-04	2.52E-05	2.68E-05	1.99E-04	2.12E-04	8.02E-06	7.92E-06	6.1825E-04
607227.8	4201248.22	27024.4462	0.10894	0.11503	0.59095	0.64002	0.05378	0.05314	1.52E-04	2.74E-05	2.93E-05	2.41E-04	2.60E-04	7.85E-06	7.75E-06	7.0898E-04
607247.8	4201248.22	26373.7891	0.11891	0.12616	0.74098	0.81719	0.05264	0.05202	1.48E-04	2.99E-05	3.21E-05	3.02E-04	3.31E-04	7.69E-06	7.58E-06	8.4364E-04
607267.8	4201248.22	25743.61222	0.13127	0.13982	0.98076	1.10993	0.05153	0.05092	1.45E-04	3.30E-05	3.56E-05	3.99E-04	4.50E-04	7.53E-06	7.42E-06	1.0631E-03
607287.8	4201248.22	25136.98998	0.14564	0.156	1.39624	1.64278	0.05045	0.04985	1.41E-04	3.66E-05	3.97E-05	5.69E-04	6.66E-04	7.37E-06	7.27E-06	1.4528E-03
607307.8	4201248.22	24549.94405	0.16239	0.17574	2.25472	2.82471	0.0494	0.04882	1.38E-04	4.08E-05	4.47E-05	9.18E-04	1.15E-03	7.21E-06	7.12E-06	2.2878E-03
606527.8	4201268.22	57888.05394	0.0135	0.01367	0.0556	0.05633	0.12725	0.12671	3.26E-04	3.39E-06	3.48E-06	2.26E-05	2.29E-05	1.86E-05	1.85E-05	3.7803E-04
606547.8	4201268.22	57040.30246	0.01393	0.01411	0.05724	0.05802	0.12399	0.12339	3.21E-04	3.50E-06	3.59E-06	2.33E-05	2.35E-05	1.81E-05	1.80E-05	3.7483E-04
606567.8	4201268.22	56185.07133	0.01439	0.01457	0.059	0.05981	0.12083	0.12017	3.16E-04	3.61E-06	3.71E-06	2.40E-05	2.43E-05	1.76E-05	1.75E-05	3.7169E-04
606587.8	4201268.22	55315.89912	0.01487	0.01506	0.06085	0.0617	0.11775	0.11705	3.11E-04	3.73E-06	3.83E-06	2.48E-05	2.50E-05	1.72E-05	1.71E-05	3.6857E-04
606607.8	4201268.22	54439.20148	0.01539	0.01559	0.06284	0.06374	0.11477	0.11404	3.06E-04	3.87E-06	3.97E-06	2.56E-05	2.59E-05	1.68E-05	1.66E-05	3.6554E-04
606627.8	4201268.22	53545.49811	0.01594	0.01614	0.06494	0.0659	0.11186	0.1111	3.01E-04	4.00E-06	4.11E-06	2.65E-05	2.67E-05	1.63E-05	1.62E-05	3.6252E-04
606647.8	4201268.22	52640.41397	0.01653	0.01674	0.0672	0.06823	0.10903	0.10824	2.96E-04	4.15E-06	4.26E-06	2.74E-05	2.77E-05	1.59E-05	1.58E-05	3.5960E-04
606667.8	4201268.22	51717.13405	0.01715	0.01737	0.0696	0.0707	0.10629	0.10548	2.91E-04	4.31E-06	4.42E-06	2.83E-05	2.87E-05	1.55E-05	1.54E-05	3.5670E-04
606687.8	4201268.22	50765.48468	0.01786	0.01808	0.07229	0.07346	0.10359	0.10277	2.86E-04	4.49E-06	4.60E-06	2.94E-05	2.98E-05	1.51E-05	1.50E-05	3.5392E-04
606707.8	4201268.22	49797.21152	0.0186	0.01882	0.0751	0.07635	0.101	0.10016	2.80E-04	4.67E-06	4.79E-06	3.06E-05	3.10E-05	1.47E-05	1.46E-05	3.5116E-04
606727.8	4201268.22	48802.4997	0.01941	0.01964	0.07818	0.07952	0.09845	0.09761	2.75E-04	4.87E-06	5.00E-06	3.18E-05	3.23E-05	1.44E-05	1.42E-05	3.4852E-04
606747.8	4201268.22	47787.54965	0.02031	0.02054	0.08152	0.08293	0.09598	0.09513	2.69E-04	5.10E-06	5.23E-06	3.32E-05	3.36E-05	1.40E-05	1.39E-05	3.4601E-04
606767.8	4201268.22	46766.39471	0.0212	0.02143	0.08494	0.08644	0.0936	0.09274	2.63E-04	5.32E-06	5.45E-06	3.46E-05	3.51E-05	1.37E-05	1.35E-05	3.4353E-04
606787.8	4201268.22	45727.19952	0.0222	0.02244	0.08869	0.09026	0.09127	0.09041	2.57E-04	5.58E-06	5.71E-06	3.61E-05	3.66E-05	1.33E-05	1.32E-05	3.4127E-04
606807.8	4201268.22	44675.18356	0.02334	0.02358	0.0928	0.09447	0.08901	0.08814	2.51E-04	5.86E-06	6.00E-06	3.78E-05	3.83E-05	1.30E-05	1.28E-05	3.3931E-04
606827.8	4201268.22	43623.51489	0.02456	0.0248	0.09723	0.0992	0.08681	0.08594	2.45E-04	6.17E-06	6.31E-06	3.96E-05	4.02E-05	1.27E-05	1.25E-05	3.3773E-04
606847.8	4201268.22	42575.86953	0.02623	0.02637	0.10229	0.10419	0.08468	0.08381	2.40E-04	6.59E-06	6.71E-06	4.17E-05	4.23E-05	1.24E-05	1.22E-05	3.3674E-04
606867.8	4201268.22	41537.66857	0.0278	0.02803	0.10732	0.10937	0.08261	0.08175	2.34E-04	6.98E-06	7.13E-06	4.37E-05	4.44E-05	1.21E-05	1.19E-05	3.3587E-04
606887.8	4201268.22	40512.06391	0.02944	0.02972	0.11291	0.11512	0.0806	0.07974	2.28E-04	7.39E-06	7.56E-06	4.60E-05	4.67E-05	1.18E-05	1.16E-05	3.3555E-04
606907.8	4201268.22	39504.88463	0.03115	0.03145	0.11917	0.12163	0.07865	0.0778	2.22E-04	7.82E-06	8.00E-06	4.85E-05	4.93E-05	1.15E-05	1.13E-05	3.3595E-04
606927.8	4201268.22	38518.29685	0.03304	0.03332	0.12613	0.12888	0.07676	0.07591	2.17E-04	8.30E-06	8.48E-06	5.14E-05	5.23E-05	1.12E-05	1.11E-05	3.3712E-04
606947.8	4201268.22	37554.2457	0.03513	0.03539	0.13391	0.137	0.07492	0.07409	2.11E-04	8.82E-06	9.00E-06	5.45E-05	5.56E-05	1.09E-05	1.08E-05	3.3921E-04
606967.8	4201268.22	36614.11027	0.03747	0.03771	0.14263	0.14613	0.07314	0.07231	2.06E-04	9.41E-06	9.59E-06	5.81E-05	5.93E-05	1.07E-05	1.05E-05	3.4236E-04
606987.8	4201268.22	35697.2852	0.04013	0.04034	0.15242	0.15642	0.0714	0.07059	2.01E-04	1.01E-05	1.03E-05	6.21E-05	6.35E-05	1.04E-05	1.03E-05	3.4670E-04
607007.8	4201268.22	34800.31664	0.0432	0.04338	0.16384	0.16851	0.06971	0.06891	1.96E-04	1.08E-05	1.10E-05	6.67E-05	6.84E-05	1.02E-05	1.00E-05	3.5275E-04
607027.8	4201268.22	33930.08316	0.04663	0.0468	0.17687	0.18226	0.06807	0.06728	1.91E-04	1.17E-05	1.19E-05	7.20E-05	7.39E-05	9.94E-06	9.81E-06	3.6047E-04
607047.8	4201268.22	33089.72181	0.05034	0.05052	0.19158	0.19786	0.06649	0.06571	1.86E-04	1.26E-05	1.29E-05	7.80E-05	8.03E-05	9.71E-06	9.58E-06	3.6994E-04
607067.8	4201268.22	32271.60541	0.05448	0.05473	0.20872	0.21611	0.06495	0.06418	1.82E-04	1.37E-05	1.39E-05	8.50E-05	8.77E-05	9.48E-06	9.35E-06	3.8184E-04
607087.8	4201268.22	31480.43791	0.05889	0.05929	0.22864	0.23732	0.06347	0.06271	1.77E-04	1.48E-05	1.51E-05	9.31E-05	9.63E-05	9.27E-06	9.14E-06	3.9637E-04
607107.8	4201268.22	30711.78514	0.06363	0.0643	0.2523	0.26265	0.06202	0.06128	1.73E-04	1.60E-05	1.64E-05	1.03E-04	1.07E-04	9.06E-06	8.93E-06	4.1442E-04
607127.8	4201268.22	29962.48147	0.06877	0.06987	0.28122	0.29384	0.06062	0.05988	1.69E-04	1.73E-05	1.78E-05	1.15E-04	1.19E-04	8.85E-06	8.73E-06	4.3735E-04
607147.8	4201268.22	29232.61732	0.07429	0.07602	0.3174	0.33301	0.05925	0.05853	1.64E-04	1.87E-05	1.93E-05	1.29E-04	1.35E-04	8.65E-06	8.53E-06	4.6682E-04
607167.8	4201268.22	28531.80552	0.0796	0.08214	0.36108	0.3808	0.05793	0.05723	1.61E-04	2.00E-05	2.09E-05	1.47E-04	1.54E-04	8.46E-06	8.34E-06	5.0294E-04
607187.8	4201268.22	27849.15478	0.08527	0.08876	0.41782	0.44363	0.05665	0.05596	1.57E-04	2.14E-05	2.26E-05	1.70E-04	1.80E-04	8.27E-06	8.16E-06	5.5081E-04
607207.8	4201268.22	27184.45247	0.09163	0.09608	0.49431	0.52963	0.0554	0.05472	1.53E-04	2.30E-05	2.44E-05	2.01E-04	2.15E-04	8.09E-06	7.98E-06	6.1657E-04
607227.8	4201268.22	26540.85957	0.09881	0.10408	0.59971	0.6508	0.05419	0.05352	1.49E-04	2.48E-05	2.65E-05	2.44E-04	2.64E-04	7.91E-06	7.80E-06	7.0887E-04
607247.8	4201268.22	25919.76289	0.10703	0.11301	0.75095	0.82959	0.05302	0.05237	1.46E-04	2.69E-05	2.88E-05	3.06E-04	3.37E-04	7.74E-06	7.63E-06	8.4384E-04
607267.8	4201268.22	25315.65215	0.11727	0.12423	0.99142	1.12154	0.05188	0.05124	1.42E-04	2.95E-05	3.16E-05	4.04E-04	4.55E-04	7.58E-06	7.47E-06	1.0622E-03
607287.8	4201268.22	24733.56025	0.12866	0.13714	1.40498	1.65468	0.05078	0.05015	1.39E-04	3.23E-05	3.49E-05	5.72E-04	6.71E-04	7.42E-06	7.31E-06	1.4498E-03
607307.8	4201268.22	24171.1412	0.1417	0.15214	2.25491	2.83758	0.04971	0.04909	1.36E-04	3.56E-05	3.87E-05	9.18E-04	1.15E-03	7.26E-06	7.16E-06	2.2798E-03
606527.8	4201288.22	55346.23773	0.0131	0.01326	0.05561	0.05636	0.13232	0.1315	3.11E-04	3.29E-06	3.37E-06	2.27E-05	2.29E-05	1.93E-05	1.92E-05	3.6354E-04
606547.8	4201288.22	54552.52443	0.01354	0.0137	0.0573	0.05809	0.1287	0.12786	3.07E-04	3.40E-06	3.49E-06	2.33E-05	2.36E-05	1.88E-05	1.86E-05	3.6069E-04
606567.8	4201288.22	53749.8736	0.014	0.01417	0.05908	0.05991	0.12523	0.12433	3.02E-04	3.52E-06	3.61E-06	2.41E-05	2.43E-05	1.83E-05	1.81E-05	3.5787E-04
606587.8	4201288.22	52931.30649	0.0145	0.01467	0.061	0.06188	0.12184	0.12092	2.98E-04	3.64E-06	3.73E-06	2.48E-05	2.51E-05	1.78E-05	1.76E-05	3.5510E-04
606607.8	4201288.22	52109.44856	0.01502	0.0152	0.06301	0.06394	0.11858	0.11762	2.93E-04	3.77E-06	3.87E-06	2.57E-05	2.59E-05	1.73E-05	1.71E-05	3.5239E-04
606627.8	4201288.22	51275.79033	0.01556	0.01573	0.0651	0.06609	0.11541	0.11445	2.88E-04	3.91E-06	4.00E-06	2.65E-05	2.68E-05	1.69E-05	1.67E-05	3.4970E-04
606647.8	4201288.22	50434.76436	0.01612	0.0163	0.06733	0.06838	0.11234	0.11137	2.84E-04	4.05E-06	4.15E-06	2.74E-05	2.77E-05	1.64E-05	1.62E-05	3.4709E-04
606667.8	4201288.22	49574.09535	0.01675	0.01693	0.06976	0.07088	0.10936	0.10838	2.79E-04	4.21E-06	4.31E-06	2.84E-05	2.88E-05	1.60E-05	1.58E-05	3.4457E-04
606687.8	4201288.22	48695.81118	0.01742	0.0176	0.07237	0.07358	0.10648	0.10549	2.74E-04	4.37E-06	4.48E-06	2.95E-05	2.98E-05	1.55E-05	1.54E-05	3.4213E-04
606707.8	4201288.22	47794.60205	0.01817	0.01835	0.07525	0.07654	0.10366	0.10267	2.69E-04	4.56E-06	4.67E-06	3.07E-05	3.10E-05	1.51E-05	1.50E-05	3.3981E-04
606727.8	4201288.22	46882.85942	0.01893	0.01912	0.07825	0.07962	0.10095	0.09995	2.64E-04	4.75E-06	4.86E-06	3.19E-05	3.23E-05	1.47E-05	1.46E-05	3.3754E-04
606747.8	4201288.22	45948.93938	0.01979	0.01997	0.08154	0.083	0.09831	0.09731	2.58E-04	4.97E-06	5.08E-06	3.32E-05	3.37E-05	1.44E-05	1.42E-05	3.3543E-04
606767.8	4201288.22	45005.34021	0.02069	0.02087	0.08501	0.08656	0.09576	0.09476	2.53E-04	5.20E-06	5.31E-06	3.46E-05	3.51E-05	1.40E-05	1.38E-05	3.3343E-04
606787.8	4201288.22	44049.95446	0.02165	0.02183	0.08872	0.09035	0.0933	0.0923	2.48E-04	5.44E-06	5.55E-06	3.61E-05	3.67E-05	1.36E-05	1.35E-05	3.3159E-04
606807.8	4201288.22	43085.03792	0.02272	0.0229	0.09275	0.09448	0.0909	0.08991	2.42E-04	5.71E-06	5.83E-06	3.78E-05	3.83E-05	1.33E-05	1.31E-05	3.3002E-04
606827.8	4201288.22	42113.93921	0.0239	0.02408	0.09715	0.09899	0.08857	0.08759	2.37E-04	6.00E-06	6.13E-06	3.96E-05	4.02E-05	1.29E-05	1.28E-05	3.2877E-04
606847.8	4201288.22	41142.05591	0.02551	0.02543	0.10235	0.10447	0.08631	0.08534	2.31E-04	6.41E-06	6.47E-06	4.17E-05	4.24E-05	1.26E-05	1.24E-05	3.2840E-04
606867.8	4201288.22	40180.32147	0.027	0.02717	0.1075	0.10962	0.08413	0.08317	2.26E-04	6.78E-06	6.91E-06	4.38E-05	4.45E-05	1.23E-05	1.21E-05	3.2799E-04
606887.8	4201288.22	39227.73622	0.02857	0.02877	0.11309	0.11541	0.08202	0.08106	2.21E-04	7.18E-06	7.32E-06	4.61E-05	4.68E-05	1.20E-05	1.18E-05	3.2806E-04
606907.8	4201288.22	38286.92351	0.03027	0.03048	0.1193	0.12181	0.07996	0.07902	2.15E-04	7.60E-06	7.75E-06	4.86E-05	4.94E-05	1.17E-05	1.15E-05	3.2875E-04
606927.8	4201288.22	37363.82174	0.03213	0.03232	0.12631	0.12912	0.07797	0.07704	2.10E-04	8.07E-06	8.22E-06	5.14E-05	5.24E-05	1.14E-05	1.12E-05	3.3031E-04
606947.8	4201288.22	36460.18446	0.0342	0.03435	0.13415	0.13731	0.07604	0.07513	2.05E-04	8.59E-06	8.74E-06	5.46E-05	5.57E-05	1.11E-05	1.10E-05	3.3278E-04
606967.8	4201288.22	35579.70799	0.03648	0.03661	0.1428	0.14637	0.07418	0.07328	2.00E-04	9.16E-06	9.31E-06	5.82E-05	5.94E-05	1.08E-05	1.07E-05	3.3618E-04
606987.8	4201288.22	34718.30434	0.03907	0.03916	0.15272	0.15685	0.07237	0.07148	1.95E-04	9.81E-06	9.96E-06	6.22E-05	6.36E-05	1.06E-05	1.04E-05	3.4092E-04
607007.8	4201288.22	33875.47815	0.04203	0.04209	0.1642	0.16896	0.07061	0.06973	1.91E-04	1.06E-05	1.07E-05	6.69E-05	6.85E-05	1.03E-05	1.02E-05	3.4726E-04
607027.8	4201288.22	33057.65396	0.04527	0.04534	0.17727	0.18281	0.0689	0.06804	1.86E-04	1.14E-05	1.15E-05	7.22E-05	7.42E-05	1.01E-05	9.92E-06	3.5524E-04
607047.8	4201288.22	32266.45464	0.04874	0.04886	0.1921	0.19853	0.06726	0.06642	1.82E-04	1.22E-05	1.24E-05	7.82E-05	8.05E-05	9.82E-06	9.68E-06	3.6497E-04
607067.8	4201288.22	31496.07397	0.05252	0.05275	0.20939	0.21696	0.06567	0.06484	1.77E-04	1.32E-05	1.34E-05	8.53E-05	8.80E-05	9.59E-06	9.45E-06	3.7710E-04
607087.8	4201288.22	30747.41327	0.05654	0.05698	0.22969	0.23869	0.06412	0.06331	1.73E-04	1.42E-05	1.45E-05	9.36E-05	9.68E-05	9.36E-06	9.23E-06	3.9205E-04
607107.8	4201288.22	30021.40233	0.0607	0.06146	0.25367	0.26451	0.06263	0.06183	1.69E-04	1.52E-05	1.56E-05	1.03E-04	1.07E-04	9.15E-06	9.01E-06	4.1039E-04
607127.8	4201288.22	29310.07201	0.0652	0.06644	0.28345	0.29666	0.06117	0.06039	1.65E-04	1.64E-05	1.69E-05	1.15E-04	1.20E-04	8.93E-06	8.80E-06	4.3396E-04
607147.8	4201288.22	28618.72322	0.06983	0.07172	0.32028	0.33677	0.05976	0.05899	1.61E-04	1.75E-05	1.82E-05	1.30E-04	1.37E-04	8.73E-06	8.60E-06	4.6385E-04
607167.8	4201288.22	27951.60524	0.07433	0.07696	0.36549	0.38646	0.0584	0.05765	1.57E-04	1.87E-05	1.96E-05	1.49E-04	1.57E-04	8.53E-06	8.40E-06	5.0113E-04
607187.8	4201288.22	27305.65772	0.07884	0.0822	0.42267	0.44996	0.05708	0.05635	1.54E-04	1.98E-05	2.09E-05	1.72E-04	1.83E-04	8.34E-06	8.21E-06	5.4901E-04
607207.8	4201288.22	26674.92318	0.08401	0.088	0.49968	0.53676	0.0558	0.05508	1.50E-04	2.11E-05	2.24E-05	2.04E-04	2.18E-04	8.15E-06	8.03E-06	6.1481E-04
607227.8	4201288.22	26059.69848	0.09031	0.0948	0.60809	0.66023	0.05456	0.05385	1.47E-04	2.27E-05	2.41E-05	2.48E-04	2.68E-04	7.97E-06	7.85E-06	7.0891E-04
607247.8	4201288.22	25465.75789	0.09736	0.10242	0.76149	0.83973	0.05335	0.05266	1.43E-04	2.45E-05	2.61E-05	3.10E-04	3.41E-04	7.79E-06	7.68E-06	8.4457E-04
607267.8	4201288.22	24891.09916	0.10543	0.11128	0.9991	1.12983	0.05219	0.05152	1.40E-04	2.65E-05	2.83E-05	4.07E-04	4.58E-04	7.62E-06	7.51E-06	1.0601E-03
607287.8	4201288.22	24332.79017	0.11476	0.12172	1.41168	1.66418	0.05106	0.0504	1.37E-04	2.88E-05	3.10E-05	5.75E-04	6.75E-04	7.46E-06	7.35E-06	1.4467E-03
607307.8	4201288.22	23792.69769	0.12528	0.13368	2.25161	2.84877	0.04997	0.04932	1.34E-04	3.15E-05	3.40E-05	9.17E-04	1.16E-03	7.30E-06	7.19E-06	2.2720E-03

606527.8	4201308.22	52989.82844	0.01275	0.0129	0.05564	0.05641	0.13724	0.13615	2.98E-04	3.20E-06	3.28E-06	2.27E-05	2.29E-05	2.00E-05	1.98E-05	3.5013E-04
606547.8	4201308.22	52246.56561	0.01319	0.01333	0.05734	0.05815	0.13328	0.13217	2.94E-04	3.31E-06	3.39E-06	2.34E-05	2.36E-05	1.95E-05	1.93E-05	3.4757E-04
606567.8	4201308.22	51488.57357	0.01367	0.01382	0.05922	0.06007	0.12946	0.12832	2.90E-04	3.43E-06	3.52E-06	2.41E-05	2.44E-05	1.89E-05	1.87E-05	3.4510E-04
606587.8	4201308.22	50718.59762	0.01419	0.01434	0.06119	0.06209	0.12579	0.12462	2.85E-04	3.56E-06	3.65E-06	2.49E-05	2.52E-05	1.84E-05	1.82E-05	3.4265E-04
606607.8	4201308.22	49952.50461	0.01469	0.01484	0.06316	0.06412	0.12225	0.12108	2.81E-04	3.69E-06	3.78E-06	2.57E-05	2.60E-05	1.79E-05	1.76E-05	3.4022E-04
606627.8	4201308.22	49166.76446	0.01525	0.0154	0.06534	0.06635	0.11881	0.11764	2.77E-04	3.83E-06	3.92E-06	2.66E-05	2.69E-05	1.74E-05	1.71E-05	3.3787E-04
606647.8	4201308.22	48380.16182	0.01582	0.01597	0.06758	0.06866	0.1155	0.11433	2.72E-04	3.97E-06	4.06E-06	2.75E-05	2.79E-05	1.69E-05	1.67E-05	3.3559E-04
606667.8	4201308.22	47583.14379	0.01641	0.01656	0.06994	0.07109	0.11231	0.11113	2.68E-04	4.12E-06	4.21E-06	2.85E-05	2.88E-05	1.64E-05	1.62E-05	3.3335E-04
606687.8	4201308.22	46770.20399	0.01705	0.0172	0.07249	0.07372	0.10921	0.10804	2.63E-04	4.28E-06	4.38E-06	2.95E-05	2.99E-05	1.59E-05	1.57E-05	3.3120E-04
606707.8	4201308.22	45938.79566	0.01776	0.01791	0.07529	0.07661	0.10622	0.10505	2.58E-04	4.46E-06	4.56E-06	3.07E-05	3.11E-05	1.55E-05	1.53E-05	3.2920E-04
606727.8	4201308.22	45093.60996	0.01852	0.01866	0.07828	0.07969	0.10332	0.10216	2.54E-04	4.65E-06	4.75E-06	3.19E-05	3.23E-05	1.51E-05	1.49E-05	3.2729E-04
606747.8	4201308.22	44227.5107	0.01937	0.01952	0.08159	0.08309	0.10051	0.09936	2.49E-04	4.86E-06	4.97E-06	3.32E-05	3.37E-05	1.47E-05	1.45E-05	3.2558E-04
606767.8	4201308.22	43357.16402	0.02024	0.02038	0.08502	0.08661	0.09781	0.09667	2.44E-04	5.08E-06	5.19E-06	3.46E-05	3.51E-05	1.43E-05	1.41E-05	3.2395E-04
606787.8	4201308.22	42475.98326	0.02118	0.02131	0.08869	0.09037	0.0952	0.09407	2.39E-04	5.32E-06	5.42E-06	3.61E-05	3.67E-05	1.39E-05	1.37E-05	3.2248E-04
606807.8	4201308.22	41586.94965	0.02219	0.02232	0.09265	0.09444	0.09267	0.09156	2.34E-04	5.57E-06	5.68E-06	3.77E-05	3.83E-05	1.35E-05	1.33E-05	3.2125E-04
606827.8	4201308.22	40686.54817	0.02335	0.02347	0.09707	0.09897	0.09022	0.08912	2.29E-04	5.86E-06	5.97E-06	3.95E-05	4.01E-05	1.32E-05	1.30E-05	3.2041E-04
606847.8	4201308.22	39788.50074	0.02462	0.02473	0.10209	0.1044	0.08784	0.08676	2.24E-04	6.18E-06	6.29E-06	4.16E-05	4.23E-05	1.28E-05	1.26E-05	3.2025E-04
606867.8	4201308.22	38892.56869	0.02633	0.02643	0.10761	0.10976	0.08555	0.08448	2.19E-04	6.61E-06	6.72E-06	4.38E-05	4.45E-05	1.25E-05	1.23E-05	3.2049E-04
606887.8	4201308.22	38006.8643	0.02781	0.02794	0.11314	0.11546	0.08333	0.08228	2.14E-04	6.98E-06	7.11E-06	4.61E-05	4.68E-05	1.22E-05	1.20E-05	3.2083E-04
606907.8	4201308.22	37129.25556	0.02949	0.02962	0.11924	0.1218	0.08118	0.08015	2.09E-04	7.41E-06	7.54E-06	4.86E-05	4.94E-05	1.19E-05	1.17E-05	3.2180E-04
606927.8	4201308.22	36266.39123	0.03131	0.0314	0.1262	0.12906	0.0791	0.07809	2.04E-04	7.86E-06	7.99E-06	5.14E-05	5.24E-05	1.16E-05	1.14E-05	3.2363E-04
606947.8	4201308.22	35416.60888	0.03336	0.03342	0.13407	0.13732	0.07708	0.07609	1.99E-04	8.38E-06	8.50E-06	5.46E-05	5.57E-05	1.13E-05	1.11E-05	3.2644E-04
606967.8	4201308.22	34590.75302	0.03558	0.03561	0.14273	0.14635	0.07514	0.07416	1.95E-04	8.94E-06	9.06E-06	5.81E-05	5.94E-05	1.10E-05	1.08E-05	3.3010E-04
606987.8	4201308.22	33776.91347	0.03814	0.03815	0.15277	0.15694	0.07325	0.07229	1.90E-04	9.58E-06	9.71E-06	6.22E-05	6.37E-05	1.07E-05	1.05E-05	3.3519E-04
607007.8	4201308.22	32985.06689	0.04095	0.04094	0.16423	0.16903	0.07142	0.07048	1.86E-04	1.03E-05	1.04E-05	6.69E-05	6.86E-05	1.04E-05	1.03E-05	3.4172E-04
607027.8	4201308.22	32215.39909	0.04399	0.04401	0.17722	0.18282	0.06966	0.06873	1.81E-04	1.10E-05	1.12E-05	7.22E-05	7.42E-05	1.02E-05	1.00E-05	3.4982E-04
607047.8	4201308.22	31470.15759	0.04718	0.04728	0.19205	0.19855	0.06796	0.06705	1.77E-04	1.18E-05	1.20E-05	7.82E-05	8.05E-05	9.92E-06	9.77E-06	3.5969E-04
607067.8	4201308.22	30741.38136	0.05063	0.0509	0.20959	0.21719	0.06631	0.06542	1.73E-04	1.27E-05	1.30E-05	8.54E-05	8.81E-05	9.68E-06	9.54E-06	3.7208E-04
607087.8	4201308.22	30033.43263	0.05421	0.05474	0.2301	0.23926	0.06471	0.06384	1.69E-04	1.36E-05	1.39E-05	9.37E-05	9.71E-05	9.45E-06	9.31E-06	3.8728E-04
607107.8	4201308.22	29341.43703	0.05798	0.05888	0.25498	0.2661	0.06316	0.06231	1.65E-04	1.46E-05	1.50E-05	1.04E-04	1.08E-04	9.22E-06	9.08E-06	4.0641E-04
607127.8	4201308.22	28670.5142	0.06171	0.06311	0.2848	0.29851	0.06166	0.06083	1.61E-04	1.55E-05	1.61E-05	1.16E-04	1.21E-04	9.00E-06	8.87E-06	4.2994E-04
607147.8	4201308.22	28014.78269	0.06559	0.06759	0.32225	0.33948	0.06021	0.0594	1.58E-04	1.65E-05	1.72E-05	1.31E-04	1.38E-04	8.79E-06	8.66E-06	4.6024E-04
607167.8	4201308.22	27377.36643	0.06957	0.07219	0.36946	0.3914	0.0588	0.05801	1.54E-04	1.75E-05	1.84E-05	1.50E-04	1.59E-04	8.59E-06	8.46E-06	4.9911E-04
607187.8	4201308.22	26764.64532	0.07334	0.07647	0.42761	0.4563	0.05745	0.05668	1.51E-04	1.84E-05	1.95E-05	1.74E-04	1.85E-04	8.39E-06	8.26E-06	5.4771E-04
607207.8	4201308.22	26166.58742	0.07769	0.0812	0.50504	0.54345	0.05614	0.05538	1.47E-04	1.95E-05	2.07E-05	2.06E-04	2.20E-04	8.20E-06	8.07E-06	6.1353E-04
607227.8	4201308.22	25581.48815	0.08284	0.08675	0.61169	0.66554	0.05487	0.05413	1.44E-04	2.08E-05	2.21E-05	2.49E-04	2.70E-04	8.01E-06	7.89E-06	7.0591E-04
607247.8	4201308.22	25014.88569	0.08878	0.09309	0.76579	0.84623	0.05364	0.05291	1.41E-04	2.23E-05	2.37E-05	3.12E-04	3.43E-04	7.83E-06	7.71E-06	8.4189E-04
607267.8	4201308.22	24466.15686	0.09557	0.10049	1.00584	1.13766	0.05245	0.05174	1.38E-04	2.40E-05	2.56E-05	4.10E-04	4.61E-04	7.66E-06	7.54E-06	1.0584E-03
607287.8	4201308.22	23933.18899	0.10327	0.10905	1.42235	1.67258	0.0513	0.0506	1.35E-04	2.59E-05	2.77E-05	5.79E-04	6.78E-04	7.49E-06	7.38E-06	1.4461E-03
607307.8	4201308.22	23416.1193	0.11189	0.11877	2.26925	2.85812	0.05018	0.04951	1.32E-04	2.81E-05	3.02E-05	9.24E-04	1.16E-03	7.33E-06	7.22E-06	2.2737E-03
606527.8	4201328.22	50796.01254	0.01245	0.01257	0.0557	0.05649	0.142	0.14062	2.86E-04	3.13E-06	3.20E-06	2.27E-05	2.29E-05	2.07E-05	2.05E-05	3.3769E-04
606547.8	4201328.22	50096.57677	0.01289	0.01302	0.05746	0.05829	0.13768	0.13631	2.82E-04	3.24E-06	3.31E-06	2.34E-05	2.36E-05	2.01E-05	1.99E-05	3.3543E-04
606567.8	4201328.22	49383.74664	0.01339	0.01352	0.05938	0.06026	0.13355	0.13215	2.78E-04	3.36E-06	3.44E-06	2.42E-05	2.44E-05	1.95E-05	1.93E-05	3.3325E-04
606587.8	4201328.22	48653.39935	0.01394	0.01407	0.06147	0.06239	0.12955	0.12815	2.74E-04	3.50E-06	3.58E-06	2.50E-05	2.53E-05	1.89E-05	1.87E-05	3.3114E-04
606607.8	4201328.22	47921.54507	0.01451	0.01464	0.06362	0.06459	0.12569	0.1243	2.70E-04	3.64E-06	3.72E-06	2.59E-05	2.62E-05	1.84E-05	1.81E-05	3.2908E-04
606627.8	4201328.22	47187.4174	0.01506	0.01519	0.06577	0.0668	0.122	0.12061	2.65E-04	3.78E-06	3.86E-06	2.68E-05	2.71E-05	1.78E-05	1.76E-05	3.2700E-04
606647.8	4201328.22	46459.40334	0.0156	0.01572	0.06794	0.06904	0.11846	0.11709	2.61E-04	3.92E-06	4.00E-06	2.77E-05	2.80E-05	1.73E-05	1.71E-05	3.2496E-04
606667.8	4201328.22	45720.32219	0.01617	0.01629	0.07025	0.07142	0.11506	0.1137	2.57E-04	4.06E-06	4.14E-06	2.86E-05	2.90E-05	1.68E-05	1.66E-05	3.2300E-04
606687.8	4201328.22	44968.52934	0.01677	0.01689	0.07273	0.07398	0.11178	0.11044	2.53E-04	4.21E-06	4.30E-06	2.96E-05	3.00E-05	1.63E-05	1.61E-05	3.2112E-04
606707.8	4201328.22	44207.13161	0.01741	0.01752	0.07533	0.07667	0.10863	0.1073	2.49E-04	4.37E-06	4.46E-06	3.07E-05	3.11E-05	1.59E-05	1.56E-05	3.1931E-04
606727.8	4201328.22	43422.24791	0.01816	0.01826	0.0783	0.07974	0.10555	0.10424	2.44E-04	4.56E-06	4.65E-06	3.19E-05	3.23E-05	1.54E-05	1.52E-05	3.1773E-04
606747.8	4201328.22	42623.25466	0.01897	0.01907	0.08151	0.08304	0.10259	0.1013	2.40E-04	4.76E-06	4.85E-06	3.32E-05	3.37E-05	1.50E-05	1.48E-05	3.1629E-04
606767.8	4201328.22	41810.0245	0.01987	0.01997	0.08504	0.08666	0.09972	0.09845	2.35E-04	4.99E-06	5.08E-06	3.46E-05	3.52E-05	1.46E-05	1.43E-05	3.1507E-04
606787.8	4201328.22	40991.04889	0.0208	0.02089	0.08873	0.09046	0.09696	0.09571	2.31E-04	5.22E-06	5.31E-06	3.61E-05	3.67E-05	1.42E-05	1.40E-05	3.1398E-04
606807.8	4201328.22	40168.72803	0.02179	0.02187	0.09265	0.09448	0.09431	0.09308	2.26E-04	5.47E-06	5.56E-06	3.77E-05	3.83E-05	1.38E-05	1.36E-05	3.1308E-04
606827.8	4201328.22	39338.3968	0.02288	0.02295	0.09694	0.09893	0.09174	0.09053	2.21E-04	5.75E-06	5.84E-06	3.95E-05	4.01E-05	1.34E-05	1.32E-05	3.1251E-04
606847.8	4201328.22	38504.28695	0.02411	0.02417	0.10191	0.10429	0.08926	0.08807	2.17E-04	6.06E-06	6.15E-06	4.15E-05	4.23E-05	1.30E-05	1.28E-05	3.1263E-04
606867.8	4201328.22	37671.9849	0.02571	0.02574	0.10746	0.10968	0.08686	0.08569	2.12E-04	6.46E-06	6.55E-06	4.38E-05	4.45E-05	1.27E-05	1.25E-05	3.1320E-04
606887.8	4201328.22	36843.9159	0.0272	0.02727	0.11306	0.11544	0.08454	0.08339	2.07E-04	6.83E-06	6.94E-06	4.61E-05	4.68E-05	1.23E-05	1.22E-05	3.1392E-04
606907.8	4201328.22	36026.34236	0.02883	0.02886	0.11913	0.12173	0.0823	0.08118	2.03E-04	7.24E-06	7.34E-06	4.85E-05	4.94E-05	1.20E-05	1.18E-05	3.1516E-04
606927.8	4201328.22	35218.30183	0.03061	0.03061	0.12598	0.12886	0.08014	0.07904	1.98E-04	7.69E-06	7.79E-06	5.13E-05	5.23E-05	1.17E-05	1.15E-05	3.1719E-04
606947.8	4201328.22	34422.36825	0.0326	0.03258	0.13377	0.137	0.07804	0.07696	1.94E-04	8.19E-06	8.29E-06	5.45E-05	5.56E-05	1.14E-05	1.12E-05	3.2019E-04
606967.8	4201328.22	33641.97697	0.0348	0.03475	0.14243	0.14612	0.07602	0.07496	1.89E-04	8.74E-06	8.84E-06	5.80E-05	5.93E-05	1.11E-05	1.09E-05	3.2413E-04
606987.8	4201328.22	32879.16098	0.03721	0.03716	0.15239	0.15657	0.07406	0.07303	1.85E-04	9.35E-06	9.45E-06	6.21E-05	6.35E-05	1.08E-05	1.06E-05	3.2935E-04
607007.8	4201328.22	32131.5553	0.03988	0.03984	0.16379	0.16859	0.07217	0.07116	1.81E-04	1.00E-05	1.01E-05	6.67E-05	6.84E-05	1.05E-05	1.04E-05	3.3602E-04
607027.8	4201328.22	31402.51103	0.04275	0.04277	0.17685	0.18242	0.07034	0.06935	1.77E-04	1.07E-05	1.09E-05	7.20E-05	7.40E-05	1.03E-05	1.01E-05	3.4431E-04
607047.8	4201328.22	30700.42439	0.04563	0.04577	0.19152	0.19799	0.06859	0.06762	1.73E-04	1.15E-05	1.16E-05	7.80E-05	8.03E-05	1.00E-05	9.86E-06	3.5414E-04
607067.8	4201328.22	30011.2404	0.04871	0.04906	0.20906	0.21661	0.06688	0.06594	1.69E-04	1.22E-05	1.25E-05	8.52E-05	8.79E-05	9.77E-06	9.61E-06	3.6657E-04
607087.8	4201328.22	29336.34107	0.05195	0.0526	0.23008	0.23923	0.06523	0.06431	1.65E-04	1.30E-05	1.34E-05	9.37E-05	9.70E-05	9.53E-06	9.37E-06	3.8222E-04
607107.8	4201328.22	28680.65049	0.05518	0.05623	0.25517	0.2664	0.06363	0.06273	1.61E-04	1.39E-05	1.43E-05	1.04E-04	1.08E-04	9.29E-06	9.14E-06	4.0151E-04
607127.8	4201328.22	28039.0498	0.05852	0.06006	0.28624	0.30028	0.06208	0.0612	1.58E-04	1.47E-05	1.53E-05	1.17E-04	1.22E-04	9.07E-06	8.92E-06	4.2611E-04
607147.8	4201328.22	27414.45181	0.06182	0.06393	0.32419	0.34159	0.06058	0.05973	1.54E-04	1.55E-05	1.63E-05	1.32E-04	1.39E-04	8.85E-06	8.71E-06	4.5663E-04
607167.8	4201328.22	26808.06443	0.06493	0.06751	0.37016	0.39253	0.05914	0.0583	1.51E-04	1.63E-05	1.72E-05	1.51E-04	1.59E-04	8.64E-06	8.50E-06	4.9430E-04
607187.8	4201328.22	26227.34356	0.06815	0.07106	0.42831	0.45782	0.05776	0.05694	1.48E-04	1.71E-05	1.81E-05	1.74E-04	1.86E-04	8.43E-06	8.30E-06	5.4291E-04
607207.8	4201328.22	25662.1753	0.07184	0.07496	0.50495	0.5451	0.05642	0.05563	1.44E-04	1.80E-05	1.91E-05	2.06E-04	2.21E-04	8.24E-06	8.11E-06	6.0827E-04
607227.8	4201328.22	25107.33104	0.07625	0.07957	0.61066	0.66734	0.05513	0.05435	1.41E-04	1.91E-05	2.02E-05	2.49E-04	2.71E-04	8.05E-06	7.92E-06	7.0008E-04
607247.8	4201328.22	24568.05127	0.08136	0.08502	0.76392	0.84844	0.05387	0.05312	1.38E-04	2.04E-05	2.16E-05	3.11E-04	3.44E-04	7.87E-06	7.74E-06	8.3560E-04
607267.8	4201328.22	24043.62376	0.08714	0.09133	1.00369	1.14056	0.05266	0.05192	1.35E-04	2.19E-05	2.32E-05	4.09E-04	4.63E-04	7.69E-06	7.57E-06	1.0519E-03
607287.8	4201328.22	23536.9656	0.0936	0.09844	1.42281	1.67688	0.05149	0.05077	1.32E-04	2.35E-05	2.50E-05	5.80E-04	6.80E-04	7.52E-06	7.40E-06	1.4407E-03
607307.8	4201328.22	23041.53433	0.10081	0.1065	2.28533	2.86435	0.05035	0.04965	1.30E-04	2.53E-05	2.71E-05	9.31E-04	1.16E-03	7.35E-06	7.24E-06	2.2748E-03
606527.8	4201348.22	48745.46806	0.01219	0.0123	0.05583	0.05664	0.14657	0.1449	2.74E-04	3.06E-06	3.13E-06	2.27E-05	2.30E-05	2.14E-05	2.11E-05	3.2613E-04
606547.8	4201348.22	48079.83078	0.01269	0.0128	0.05776	0.05861	0.1419	0.14022	2.70E-04	3.19E-06	3.26E-06	2.35E-05	2.38E-05	2.07E-05	2.04E-05	3.2423E-04
606567.8	4201348.22	47396.21519	0.01325	0.01336	0.05986	0.06075	0.13739	0.13574	2.67E-04	3.33E-06	3.40E-06	2.44E-05	2.46E-05	2.01E-05	1.98E-05	3.2239E-04
606587.8	4201348.22	46707.73727	0.01381	0.01392	0.06196	0.0629	0.13307	0.13143	2.63E-04	3.47E-06	3.54E-06	2.52E-05	2.55E-05	1.94E-05	1.92E-05	3.2053E-04
606607.8	4201348.22	46020.01089	0.01438	0.01449	0.0641	0.06509	0.12892	0.12731	2.59E-04	3.61E-06	3.69E-06	2.61E-05	2.64E-05	1.88E-05	1.86E-05	3.1871E-04
606627.8	4201348.22	45336.98364	0.01492	0.01502	0.06622	0.06728	0.12499	0.1234	2.55E-04	3.75E-06	3.82E-06	2.70E-05	2.73E-05	1.83E-05	1.80E-05	3.1689E-04
606647.8	4201348.22	44659.49262	0.01544	0.01555	0.06837	0.06949	0.12124	0.11967	2.51E-04	3.88E-06	3.96E-06	2.78E-05	2.82E-05	1.77E-05	1.74E-05	3.1511E-04
606667.8	4201348.22	43972.79474	0.016	0.0161	0.07065	0.07185	0.11764	0.11609	2.47E-04	4.02E-06	4.10E-06	2.88E-05	2.91E-05	1.72E-05	1.69E-05	3.1341E-04
606687.8	4201348.22	43274.13587	0.0166	0.01669	0.0731	0.07438	0.11416	0.11264	2.43E-04	4.17E-06	4.25E-06	2.98E-05	3.02E-05	1.67E-05	1.64E-05	3.1181E-04
606707.8	4201348.22	42571.4451	0.0172	0.01728	0.07563	0.07699	0.11084	0.10935	2.39E-04	4.32E-06	4.40E-06	3.08E-05	3.12E-05	1.62E-05	1.59E-05	3.1025E-04
606727.8	4201348.22	41853.33624	0.01787	0.01794	0.07838	0.07984	0.10763	0.10617	2.35E-04	4.49E-06	4.56E-06	3.19E-05	3.24E-05	1.57E-05	1.55E-05	3.0882E-04
606747.8	4201348.22	41118.90725	0.01861	0.01868	0.08142	0.08298	0.10453	0.10309	2.31E-04	4.67E-06	4.75E-06	3.32E-05	3.37E-05	1.53E-05	1.50E-05	3.0757E-04
606767.8	4201348.22	40361.91255	0.0195	0.01957	0.08494	0.0866	0.10151	0.1001	2.27E-04	4.90E-06	4.98E-06	3.46E-05	3.51E-05	1.48E-05	1.46E-05	3.0667E-04
606787.8	4201348.22	39598.64987	0.02044	0.02049	0.08867	0.09043	0.09861	0.09723	2.23E-04	5.13E-06	5.21E-06	3.61E-05	3.67E-05	1.44E-05	1.42E-05	3.0592E-04
606807.8	4201348.22	38825.84019	0.02149	0.02153	0.09296	0.0951	0.09581	0.09446	2.18E-04	5.40E-06	5.48E-06	3.79E-05	3.86E-05	1.40E-05	1.38E-05	3.0574E-04
606827.8	4201348.22	38058.33762	0.02253	0.02256	0.09714	0.09941	0.09314	0.09181	2.14E-04	5.66E-06	5.74E-06	3.96E-05	4.03E-05	1.36E-05	1.34E-05	3.0539E-04
606847.8	4201348.22	37286.46124	0.02384	0.02371	0.1018	0.1042	0.09055	0.08926	2.10E-04	5.99E-06	6.03E-06	4.15E-05	4.23E-05	1.32E-05	1.30E-05	3.0552E-04
606867.8	4201348.22	36510.95075	0.02522	0.02522	0.10725	0.1095	0.08805	0.08678	2.05E-04	6.33E-06	6.42E-06	4.37E-05	4.44E-05	1.29E-05	1.26E-05	3.0625E-04
606887.8	4201348.22	35738.63722	0.02666	0.02666	0.11285	0.11528	0.08564	0.0844	2.01E-04	6.70E-06	6.78E-06	4.60E-05	4.68E-05	1.25E-05	1.23E-05	3.0726E-04
606907.8	4201348.22	34974.31527	0.02825	0.02822	0.11889	0.12153	0.08332	0.08211	1.97E-04	7.09E-06	7.18E-06	4.84E-05	4.93E-05	1.22E-05	1.20E-05	3.0875E-04
606927.8	4201348.22	34217.31613	0.03	0.02994	0.12572	0.12863	0.08107	0.07989	1.92E-04	7.53E-06	7.62E-06	5.12E-05	5.22E-05	1.18E-05	1.16E-05	3.1103E-04
606947.8	4201348.22	33471.6389	0.03192	0.03183	0.13336	0.1366	0.07891	0.07775	1.88E-04	8.02E-06	8.10E-06	5.43E-05	5.54E-05	1.15E-05	1.13E-05	3.1415E-04
606967.8	4201348.22	32737.73717	0.03403	0.03394	0.14196	0.14567	0.07681	0.07569	1.84E-04	8.55E-06	8.64E-06	5.78E-05	5.91E-05	1.12E-05	1.10E-05	3.1827E-04
606987.8	4201348.22	32020.59492	0.0363	0.03622	0.15161	0.15573	0.0748	0.0737	1.80E-04	9.12E-06	9.22E-06	6.18E-05	6.32E-05	1.09E-05	1.07E-05	3.2339E-04
607007.8	4201348.22	31316.3862	0.03876	0.03873	0.16282	0.16757	0.07284	0.07177	1.76E-04	9.73E-06	9.85E-06	6.63E-05	6.80E-05	1.06E-05	1.05E-05	3.3006E-04
607027.8	4201348.22	30620.72517	0.04148	0.04154	0.17606	0.18158	0.07094	0.0699	1.72E-04	1.04E-05	1.06E-05	7.17E-05	7.37E-05	1.04E-05	1.02E-05	3.3862E-04
607047.8	4201348.22	29952.24241	0.04414	0.04437	0.19085	0.19724	0.06913	0.06811	1.69E-04	1.11E-05	1.13E-05	7.77E-05	8.00E-05	1.01E-05	9.93E-06	3.4862E-04
607067.8	4201348.22	29293.14334	0.04699	0.04746	0.20884	0.21633	0.06736	0.06637	1.65E-04	1.18E-05	1.21E-05	8.51E-05	8.78E-05	9.84E-06	9.67E-06	3.6149E-04
607087.8	4201348.22	28653.00413	0.04982	0.05061	0.23002	0.23917	0.06566	0.0647	1.61E-04	1.25E-05	1.29E-05	9.37E-05	9.70E-05	9.59E-06	9.43E-06	3.7729E-04
607107.8	4201348.22	28029.70572	0.05263	0.05382	0.25556	0.26683	0.06402	0.06308	1.58E-04	1.32E-05	1.37E-05	1.04E-04	1.08E-04	9.35E-06	9.19E-06	3.9693E-04
607127.8	4201348.22	27417.79748	0.05542	0.05709	0.28654	0.30036	0.06243	0.06151	1.54E-04	1.39E-05	1.45E-05	1.17E-04	1.22E-04	9.12E-06	8.97E-06	4.2124E-04
607147.8	4201348.22	26826.72893	0.05793	0.06	0.32315	0.34048	0.0609	0.06	1.51E-04	1.45E-05	1.53E-05	1.32E-04	1.38E-04	8.89E-06	8.75E-06	4.5047E-04
607167.8	4201348.22	26253.02684	0.06049	0.06286	0.36845	0.3908	0.05942	0.05855	1.48E-04	1.52E-05	1.60E-05	1.50E-04	1.59E-04	8.68E-06	8.53E-06	4.8748E-04
607187.8	4201348.22	25699.15186	0.06332	0.06588	0.42602	0.45569	0.05801	0.05716	1.45E-04	1.59E-05	1.68E-05	1.74E-04	1.85E-04	8.47E-06	8.33E-06	5.3561E-04
607207.8	4201348.22	25163.58873	0.0666	0.06928	0.5016	0.54242	0.05665	0.05583	1.42E-04	1.67E-05	1.76E-05	2.04E-04	2.20E-04	8.27E-06	8.14E-06	6.0026E-04
607227.8	4201348.22	24638.32752	0.07048	0.07331	0.60518	0.66373	0.05533	0.05453	1.39E-04	1.77E-05	1.87E-05	2.46E-04	2.69E-04	8.08E-06	7.95E-06	6.9070E-04
607247.8	4201348.22	24124.44732	0.07492	0.07805	0.75487	0.84369	0.05406	0.05327	1.36E-04	1.88E-05	1.99E-05	3.07E-04	3.42E-04	7.89E-06	7.76E-06	8.2410E-04
607267.8	4201348.22	23625.52907	0.07989	0.08345	0.98814	1.13428	0.05282	0.05206	1.33E-04	2.01E-05	2.12E-05	4.02E-04	4.60E-04	7.71E-06	7.59E-06	1.0368E-03
607287.8	4201348.22	23143.01113	0.08538	0.08949	1.39543	1.6688	0.05164	0.05089	1.30E-04	2.14E-05	2.28E-05	5.68E-04	6.77E-04	7.54E-06	7.42E-06	1.4197E-03
607307.8	4201348.22	22669.62098	0.09148	0.09625	2.23712	2.85457	0.05048	0.04976	1.28E-04	2.30E-05	2.45E-05	9.11E-04	1.16E-03	7.37E-06	7.25E-06	2.2442E-03
606527.8	4201368.22	46806.8626	0.01208	0.01217	0.0563	0.05714	0.15086	0.14887	2.63E-04	3.03E-06	3.10E-06	2.29E-05	2.32E-05	2.20E-05	2.17E-05	3.1556E-04
606547.8	4201368.22	46159.07142	0.01266	0.01275	0.05846	0.05933	0.14578	0.14383	2.60E-04	3.18E-06	3.24E-06	2.38E-05	2.41E-05	2.13E-05	2.10E-05	3.1398E-04
606567.8	4201368.22	45517.0695	0.0132	0.01329	0.06049	0.0614	0.14094	0.13902	2.56E-04	3.32E-06	3.38E-06	2.46E-05	2.49E-05	2.06E-05	2.03E-05	3.1231E-04
606587.8	4201368.22	44881.29011	0.01372	0.01381	0.06246	0.06349	0.13635	0.13448	2.52E-04	3.45E-06	3.51E-06	2.54E-05	2.58E-05	1.99E-05	1.96E-05	3.1064E-04
606607.8	4201368.22	44244.57904	0.01451	0.01458	0.06489	0.06589	0.13198	0.13014	2.49E-04	3.64E-06	3.71E-06	2.64E-05	2.67E-05	1.93E-05	1.90E-05	3.0942E-04
606627.8	4201368.22	43597.18462	0.01517	0.01528	0.0671	0.06816	0.12778	0.12598	2.45E-04	3.81E-06	3.89E-06	2.73E-05	2.76E-05	1.87E-05	1.84E-05	3.0794E-04
606647.8	4201368.22	42959.21445	0.01573	0.01584	0.06932	0.07044	0.1238	0.12203	2.42E-04	3.95E-06	4.03E-06	2.82E-05	2.86E-05	1.81E-05	1.78E-05	3.0647E-04
606667.8	4201368.22	42323.52387	0.01626	0.01636	0.0716	0.07279	0.12	0.11827	2.38E-04	4.08E-06	4.16E-06	2.92E-05	2.95E-05	1.75E-05	1.72E-05	3.0504E-04
606687.8	4201368.22	41680.35128	0.01678	0.01687	0.074	0.07529	0.11637	0.11467	2.34E-04	4.21E-06	4.29E-06	3.01E-05	3.05E-05	1.70E-05	1.67E-05	3.0367E-04
606707.8	4201368.22	41027.9057	0.01732	0.01735	0.07652	0.07789	0.11288	0.11122	2.31E-04	4.35E-06	4.41E-06	3.12E-05	3.16E-05	1.65E-05	1.62E-05	3.0234E-04
606727.8	4201368.22	40372.75052	0.01766	0.01771	0.07861	0.0801	0.10954	0.10792	2.27E-04	4.44E-06	4.51E-06	3.20E-05	3.25E-05	1.60E-05	1.57E-05	3.0058E-04
606747.8	4201368.22	39698.94449	0.01834	0.01838	0.08145	0.08304	0.10631	0.10473	2.23E-04	4.61E-06	4.68E-06	3.32E-05	3.37E-05	1.55E-05	1.53E-05	2.9948E-04
606767.8	4201368.22	39000.19335	0.01917	0.0192	0.0848	0.08649	0.10317	0.10163	2.19E-04	4.81E-06	4.88E-06	3.45E-05	3.51E-05	1.51E-05	1.48E-05	2.9873E-04
606787.8	4201368.22	38283.94232	0.02013	0.02015	0.08865	0.09056	0.10012	0.09861	2.15E-04	5.06E-06	5.13E-06	3.61E-05	3.67E-05	1.46E-05	1.44E-05	2.9840E-04
606807.8	4201368.22	37564.51594	0.02135	0.02131	0.09321	0.09512	0.0972	0.09573	2.11E-04	5.36E-06	5.42E-06	3.80E-05	3.86E-05	1.42E-05	1.40E-05	2.9866E-04
606827.8	4201368.22	36847.07521	0.02241	0.02241	0.09748	0.09948	0.09441	0.09297	2.07E-04	5.63E-06	5.70E-06	3.97E-05	4.04E-05	1.38E-05	1.36E-05	2.9868E-04
606847.8	4201368.22	36123.9375	0.02359	0.02359	0.10215	0.10429	0.09171	0.09031	2.03E-04	5.92E-06	6.00E-06	4.16E-05	4.23E-05	1.34E-05	1.32E-05	2.9906E-04
606867.8	4201368.22	35401.64473	0.02486	0.02485	0.10718	0.10946	0.08912	0.08776	1.99E-04	6.24E-06	6.32E-06	4.37E-05	4.44E-05	1.30E-05	1.28E-05	2.9978E-04
606887.8	4201368.22	34679.84289	0.02629	0.02624	0.11269	0.1151	0.08662	0.08529	1.95E-04	6.60E-06	6.68E-06	4.59E-05	4.67E-05	1.26E-05	1.24E-05	3.0097E-04
606907.8	4201368.22	33964.35959	0.02782	0.02774	0.11872	0.12139	0.08422	0.08292	1.91E-04	6.99E-06	7.06E-06	4.84E-05	4.92E-05	1.23E-05	1.21E-05	3.0272E-04
606927.8	4201368.22	33255.86213	0.02951	0.02941	0.12543	0.12837	0.0819	0.08064	1.87E-04	7.41E-06	7.48E-06	5.11E-05	5.21E-05	1.20E-05	1.18E-05	3.0514E-04
606947.8	4201368.22	32556.66661	0.03135	0.03123	0.13292	0.13624	0.07967	0.07844	1.83E-04	7.87E-06	7.95E-06	5.41E-05	5.53E-05	1.16E-05	1.14E-05	3.0838E-04
606967.8	4201368.22	31872.00274	0.0333	0.03319	0.14127	0.1449	0.07752	0.07633	1.79E-04	8.36E-06	8.44E-06	5.75E-05	5.88E-05	1.13E-05	1.11E-05	3.1243E-04
606987.8	4201368.22	31193.57582	0.03545	0.03537	0.1508	0.1549	0.07544	0.07428	1.75E-04	8.90E-06	9.00E-06	6.14E-05	6.28E-05	1.10E-05	1.08E-05	3.1765E-04
607007.8	4201368.22	30530.7043	0.03768	0.03768	0.1617	0.1664	0.07344	0.0723	1.72E-04	9.46E-06	9.59E-06	6.59E-05	6.75E-05	1.07E-05	1.05E-05	3.2417E-04
607027.8	4201368.22	29866.24386	0.04022	0.04035	0.17508	0.18056	0.07147	0.07037	1.68E-04	1.01E-05	1.03E-05	7.13E-05	7.32E-05	1.04E-05	1.03E-05	3.3294E-04
607047.8	4201368.22	29224.35174	0.04271	0.04305	0.19026	0.19646	0.06959	0.06852	1.64E-04	1.07E-05	1.10E-05	7.75E-05	7.97E-05	1.02E-05	9.99E-06	3.4328E-04
607067.8	4201368.22	28590.75229	0.04538	0.04598	0.20882	0.21635	0.06776	0.06672	1.61E-04	1.14E-05	1.17E-05	8.51E-05	8.78E-05	9.90E-06	9.72E-06	3.5676E-04
607087.8	4201368.22	27978.88175	0.04793	0.04888	0.23061	0.23957	0.06601	0.06499	1.57E-04	1.20E-05	1.24E-05	9.39E-05	9.72E-05	9.64E-06	9.47E-06	3.7299E-04
607107.8	4201368.22	27391.62556	0.0501	0.05142	0.25515	0.26604	0.06434	0.06335	1.54E-04	1.26E-05	1.31E-05	1.04E-04	1.08E-04	9.40E-06	9.23E-06	3.9161E-04
607127.8	4201368.22	26817.4341	0.05219	0.05385	0.28474	0.29812	0.06272	0.06176	1.51E-04	1.31E-05	1.37E-05	1.16E-04	1.21E-04	9.16E-06	9.00E-06	4.1458E-04
607147.8	4201368.22	26254.86154	0.05427	0.05622	0.3208	0.33757	0.06116	0.06022	1.48E-04	1.36E-05	1.43E-05	1.31E-04	1.37E-04	8.93E-06	8.78E-06	4.4324E-04
607167.8	4201368.22	25708.0522	0.05649	0.05862	0.36534	0.38689	0.05965	0.05874	1.45E-04	1.42E-05	1.49E-05	1.49E-04	1.57E-04	8.71E-06	8.56E-06	4.7948E-04
607187.8	4201368.22	25177.79435	0.05901	0.06122	0.42179	0.45036	0.0582	0.05732	1.42E-04	1.48E-05	1.56E-05	1.72E-04	1.83E-04	8.50E-06	8.35E-06	5.2653E-04
607207.8	4201368.22	24667.9267	0.06198	0.06426	0.49573	0.53516	0.05682	0.05596	1.39E-04	1.56E-05	1.63E-05	2.02E-04	2.17E-04	8.30E-06	8.16E-06	5.8969E-04
607227.8	4201368.22	24171.89747	0.06542	0.06785	0.59648	0.65371	0.05549	0.05465	1.36E-04	1.64E-05	1.73E-05	2.43E-04	2.65E-04	8.10E-06	7.97E-06	6.7781E-04
607247.8	4201368.22	23684.88198	0.06931	0.07201	0.74095	0.82928	0.05419	0.05338	1.33E-04	1.74E-05	1.83E-05	3.02E-04	3.36E-04	7.91E-06	7.78E-06	8.0717E-04
607267.8	4201368.22	23208.84965	0.07362	0.07669	0.9635	1.11208	0.05294	0.05215	1.31E-04	1.85E-05	1.95E-05	3.92E-04	4.51E-04	7.73E-06	7.60E-06	1.0121E-03
607287.8	4201368.22	22749.77734	0.07836	0.08185	1.34641	1.6324	0.05174	0.05097	1.28E-04	1.97E-05	2.08E-05	5.48E-04	6.62E-04	7.56E-06	7.43E-06	1.3791E-03
607307.8	4201368.22	22299.93277	0.08355	0.08758	2.11922	2.78616	0.05057	0.04983	1.25E-04	2.10E-05	2.23E-05	8.63E-04	1.13E-03	7.38E-06	7.26E-06	2.1621E-03
606527.8	4201388.22	44905.84436	0.01228	0.01236	0.05756	0.05847	0.15458	0.15231	2.53E-04	3.08E-06	3.14E-06	2.34E-05	2.37E-05	2.26E-05	2.22E-05	3.0602E-04
606547.8	4201388.22	44308.17224	0.01311	0.01319	0.05979	0.06067	0.14921	0.14699	2.49E-04	3.29E-06	3.36E-06	2.44E-05	2.46E-05	2.18E-05	2.14E-05	3.0488E-04
606567.8	4201388.22	43722.34305	0.01359	0.01368	0.06162	0.06254	0.14415	0.14198	2.46E-04	3.41E-06	3.48E-06	2.51E-05	2.54E-05	2.11E-05	2.07E-05	3.0333E-04
606587.8	4201388.22	43150.2049	0.01403	0.01412	0.06342	0.06439	0.13938	0.13726	2.43E-04	3.52E-06	3.59E-06	2.58E-05	2.61E-05	2.04E-05	2.00E-05	3.0182E-04
606607.8	4201388.22	42574.57011	0.01448	0.01458	0.06533	0.06635	0.13482	0.13275	2.40E-04	3.64E-06	3.71E-06	2.66E-05	2.69E-05	1.97E-05	1.93E-05	3.0038E-04
606627.8	4201388.22	41982.4011	0.01499	0.01509	0.06742	0.0685	0.13043	0.12841	2.36E-04	3.76E-06	3.84E-06	2.75E-05	2.78E-05	1.90E-05	1.87E-05	2.9903E-04
606647.8	4201388.22	41385.16721	0.01553	0.01562	0.06962	0.07077	0.12623	0.12427	2.33E-04	3.90E-06	3.97E-06	2.84E-05	2.87E-05	1.84E-05	1.81E-05	2.9776E-04
606667.8	4201388.22	40781.24907	0.01609	0.0162	0.07194	0.07317	0.12221	0.1203	2.29E-04	4.04E-06	4.12E-06	2.93E-05	2.97E-05	1.78E-05	1.75E-05	2.9657E-04
606687.8	4201388.22	40176.25416	0.01667	0.01677	0.07443	0.07575	0.11838	0.11652	2.26E-04	4.19E-06	4.27E-06	3.03E-05	3.07E-05	1.73E-05	1.70E-05	2.9552E-04
606707.8	4201388.22	39568.22589	0.01727	0.01736	0.07702	0.07843	0.11472	0.11291	2.23E-04	4.34E-06	4.42E-06	3.14E-05	3.18E-05	1.68E-05	1.65E-05	2.9454E-04
606727.8	4201388.22	38961.069	0.01787	0.01794	0.07966	0.08117	0.11124	0.10947	2.19E-04	4.49E-06	4.56E-06	3.24E-05	3.29E-05	1.62E-05	1.60E-05	2.9361E-04
606747.8	4201388.22	38354.49423	0.01814	0.01816	0.08163	0.08325	0.10793	0.1062	2.16E-04	4.56E-06	4.62E-06	3.32E-05	3.38E-05	1.58E-05	1.55E-05	2.9197E-04
606767.8	4201388.22	37710.24313	0.01891	0.01892	0.0848	0.08653	0.10467	0.10299	2.12E-04	4.75E-06	4.81E-06	3.45E-05	3.51E-05	1.53E-05	1.50E-05	2.9135E-04
606787.8	4201388.22	37040.25929	0.02004	0.0199	0.08895	0.09096	0.10149	0.09986	2.08E-04	5.03E-06	5.06E-06	3.62E-05	3.69E-05	1.48E-05	1.46E-05	2.9160E-04
606807.8	4201388.22	36373.51082	0.02103	0.021	0.0931	0.09503	0.09847	0.09688	2.05E-04	5.28E-06	5.34E-06	3.79E-05	3.85E-05	1.44E-05	1.41E-05	2.9172E-04
606827.8	4201388.22	35700.69653	0.0221	0.02209	0.0974	0.09947	0.09556	0.09402	2.01E-04	5.55E-06	5.62E-06	3.97E-05	4.03E-05	1.40E-05	1.37E-05	2.9203E-04
606847.8	4201388.22	35022.43257	0.02329	0.02326	0.10211	0.10429	0.09276	0.09126	1.97E-04	5.85E-06	5.92E-06	4.16E-05	4.23E-05	1.35E-05	1.33E-05	2.9269E-04
606867.8	4201388.22	34342.79083	0.02458	0.02452	0.10718	0.1095	0.09006	0.08861	1.93E-04	6.17E-06	6.24E-06	4.37E-05	4.44E-05	1.32E-05	1.29E-05	2.9369E-04
606887.8	4201388.22	33667.06235	0.02596	0.02588	0.11265	0.11515	0.08748	0.08606	1.89E-04	6.52E-06	6.58E-06	4.59E-05	4.67E-05	1.28E-05	1.25E-05	2.9510E-04
606907.8	4201388.22	32995.37767	0.02747	0.02737	0.11865	0.12136	0.085	0.08362	1.86E-04	6.90E-06	6.96E-06	4.83E-05	4.92E-05	1.24E-05	1.22E-05	2.9704E-04
606927.8	4201388.22	32332.12934	0.0291	0.02897	0.12525	0.12822	0.08261	0.08128	1.82E-04	7.31E-06	7.37E-06	5.10E-05	5.20E-05	1.21E-05	1.18E-05	2.9960E-04
606947.8	4201388.22	31677.54407	0.03084	0.03071	0.13259	0.13588	0.08032	0.07902	1.78E-04	7.75E-06	7.81E-06	5.40E-05	5.51E-05	1.17E-05	1.15E-05	3.0289E-04
606967.8	4201388.22	31033.77365	0.03267	0.03257	0.14077	0.14442	0.07812	0.07686	1.75E-04	8.20E-06	8.29E-06	5.73E-05	5.86E-05	1.14E-05	1.12E-05	3.0700E-04
606987.8	4201388.22	30398.78257	0.0346	0.03456	0.15004	0.15418	0.076	0.07477	1.71E-04	8.69E-06	8.79E-06	6.11E-05	6.25E-05	1.11E-05	1.09E-05	3.1215E-04
607007.8	4201388.22	29768.6049	0.03667	0.03673	0.16076	0.16543	0.07393	0.07274	1.67E-04	9.21E-06	9.34E-06	6.55E-05	6.71E-05	1.08E-05	1.06E-05	3.1861E-04
607027.8	4201388.22	29119.64102	0.03919	0.03943	0.17495	0.18022	0.07187	0.07072	1.64E-04	9.84E-06	1.00E-05	7.13E-05	7.31E-05	1.05E-05	1.03E-05	3.2806E-04
607047.8	4201388.22	28505.89905	0.0415	0.04196	0.19046	0.19676	0.06994	0.06882	1.60E-04	1.04E-05	1.07E-05	7.76E-05	7.98E-05	1.02E-05	1.00E-05	3.3886E-04
607067.8	4201388.22	27904.14758	0.04377	0.04453	0.20885	0.21624	0.06807	0.06698	1.57E-04	1.10E-05	1.13E-05	8.51E-05	8.77E-05	9.94E-06	9.76E-06	3.5209E-04
607087.8	4201388.22	27327.15088	0.04567	0.04673	0.22939	0.23814	0.06629	0.06523	1.54E-04	1.15E-05	1.19E-05	9.34E-05	9.66E-05	9.68E-06	9.51E-06	3.6713E-04
607107.8	4201388.22	26771.39191	0.04744	0.04879	0.25342	0.26391	0.06459	0.06356	1.51E-04	1.19E-05	1.24E-05	1.03E-04	1.07E-04	9.43E-06	9.26E-06	3.8521E-04
607127.8	4201388.22	26228.71242	0.04915	0.05076	0.28227	0.29508	0.06295	0.06195	1.48E-04	1.23E-05	1.29E-05	1.15E-04	1.20E-04	9.19E-06	9.03E-06	4.0748E-04
607147.8	4201388.22	25695.96744	0.05092	0.05271	0.31748	0.33339	0.06136	0.06039	1.45E-04	1.28E-05	1.34E-05	1.29E-04	1.35E-04	8.96E-06	8.80E-06	4.3531E-04
607167.8	4201388.22	25175.98132	0.05288	0.05476	0.36096	0.38127	0.05983	0.05889	1.42E-04	1.33E-05	1.39E-05	1.47E-04	1.55E-04	8.74E-06	8.58E-06	4.7053E-04
607187.8	4201388.22	24670.40666	0.05517	0.05708	0.41595	0.44261	0.05835	0.05744	1.39E-04	1.39E-05	1.45E-05	1.69E-04	1.80E-04	8.52E-06	8.37E-06	5.1613E-04
607207.8	4201388.22	24178.48168	0.05789	0.05984	0.48758	0.52396	0.05693	0.05604	1.36E-04	1.45E-05	1.52E-05	1.99E-04	2.13E-04	8.31E-06	8.17E-06	5.7693E-04
607227.8	4201388.22	23708.88996	0.06096	0.06305	0.58509	0.63756	0.05558	0.05472	1.33E-04	1.53E-05	1.60E-05	2.38E-04	2.59E-04	8.12E-06	7.98E-06	6.6167E-04

607247.8	4201388.22	23246.0998	0.06439	0.06673	0.72364	0.80433	0.05427	0.05343	1.31E-04	1.62E-05	1.70E-05	2.95E-04	3.26E-04	7.93E-06	7.79E-06	7.8495E-04
607267.8	4201388.22	22796.97408	0.06816	0.07081	0.93522	1.07164	0.05301	0.0522	1.28E-04	1.71E-05	1.80E-05	3.81E-04	4.35E-04	7.74E-06	7.61E-06	9.7902E-04
607287.8	4201388.22	22362.28175	0.07226	0.07528	1.29256	1.55898	0.0518	0.05101	1.26E-04	1.81E-05	1.92E-05	5.26E-04	6.32E-04	7.56E-06	7.43E-06	1.3220E-03
607307.8	4201388.22	21932.03458	0.07677	0.08021	1.98836	2.62369	0.05062	0.04985	1.23E-04	1.93E-05	2.04E-05	8.10E-04	1.06E-03	7.39E-06	7.27E-06	2.0373E-03
606527.8	4201408.22	43104.85212	0.01272	0.01282	0.05872	0.05958	0.15797	0.15541	2.42E-04	3.19E-06	3.26E-06	2.39E-05	2.42E-05	2.31E-05	2.27E-05	2.9704E-04
606547.8	4201408.22	42596.25843	0.01308	0.01317	0.06031	0.06121	0.15251	0.15001	2.40E-04	3.28E-06	3.35E-06	2.46E-05	2.48E-05	2.23E-05	2.19E-05	2.9566E-04
606567.8	4201408.22	42082.10854	0.01345	0.01355	0.06197	0.0629	0.14729	0.14487	2.37E-04	3.38E-06	3.45E-06	2.52E-05	2.55E-05	2.15E-05	2.11E-05	2.9432E-04
606587.8	4201408.22	41562.44226	0.01383	0.01393	0.06369	0.06468	0.14231	0.13996	2.34E-04	3.47E-06	3.54E-06	2.59E-05	2.62E-05	2.08E-05	2.04E-05	2.9301E-04
606607.8	4201408.22	41021.71584	0.01428	0.01438	0.06561	0.06665	0.1375	0.13522	2.31E-04	3.59E-06	3.66E-06	2.67E-05	2.70E-05	2.01E-05	1.97E-05	2.9178E-04
606627.8	4201408.22	40464.78436	0.0148	0.01489	0.06771	0.06881	0.13288	0.13066	2.28E-04	3.72E-06	3.79E-06	2.76E-05	2.79E-05	1.94E-05	1.90E-05	2.9064E-04
606647.8	4201408.22	39899.7169	0.01534	0.01543	0.06994	0.07112	0.12845	0.1263	2.24E-04	3.85E-06	3.93E-06	2.85E-05	2.88E-05	1.88E-05	1.84E-05	2.8958E-04
606667.8	4201408.22	39343.87976	0.01588	0.01596	0.07222	0.07348	0.12427	0.12218	2.21E-04	3.99E-06	4.06E-06	2.94E-05	2.98E-05	1.81E-05	1.78E-05	2.8861E-04
606687.8	4201408.22	38784.69552	0.01644	0.01651	0.07463	0.07598	0.12028	0.11825	2.18E-04	4.13E-06	4.20E-06	3.04E-05	3.08E-05	1.76E-05	1.72E-05	2.8774E-04
606707.8	4201408.22	38211.13456	0.01705	0.01712	0.07727	0.0787	0.11645	0.11447	2.15E-04	4.28E-06	4.36E-06	3.15E-05	3.19E-05	1.70E-05	1.67E-05	2.8700E-04
606727.8	4201408.22	37633.59431	0.01769	0.01776	0.08005	0.08159	0.11279	0.11087	2.12E-04	4.44E-06	4.52E-06	3.26E-05	3.31E-05	1.65E-05	1.62E-05	2.8638E-04
606747.8	4201408.22	37057.94694	0.01835	0.01839	0.08288	0.08454	0.10931	0.10745	2.08E-04	4.61E-06	4.68E-06	3.38E-05	3.43E-05	1.60E-05	1.57E-05	2.8582E-04
606767.8	4201408.22	36480.56682	0.01893	0.01889	0.08557	0.08732	0.10599	0.10418	2.05E-04	4.75E-06	4.81E-06	3.49E-05	3.54E-05	1.55E-05	1.52E-05	2.8506E-04
606787.8	4201408.22	35858.07393	0.01987	0.01988	0.08937	0.09126	0.10271	0.10095	2.02E-04	4.99E-06	5.06E-06	3.64E-05	3.70E-05	1.50E-05	1.47E-05	2.8520E-04
606807.8	4201408.22	35249.0269	0.0207	0.02063	0.09288	0.09486	0.09961	0.09791	1.98E-04	5.20E-06	5.25E-06	3.78E-05	3.85E-05	1.45E-05	1.43E-05	2.8506E-04
606827.8	4201408.22	34613.20279	0.02182	0.02178	0.09735	0.09944	0.09658	0.09493	1.95E-04	5.48E-06	5.54E-06	3.97E-05	4.03E-05	1.41E-05	1.38E-05	2.8573E-04
606847.8	4201408.22	33977.74878	0.023	0.02293	0.10203	0.10427	0.09369	0.09209	1.91E-04	5.78E-06	5.83E-06	4.16E-05	4.23E-05	1.37E-05	1.34E-05	2.8661E-04
606867.8	4201408.22	33341.22161	0.02426	0.02417	0.10706	0.10945	0.09091	0.08936	1.88E-04	6.09E-06	6.15E-06	4.36E-05	4.44E-05	1.33E-05	1.30E-05	2.8782E-04
606887.8	4201408.22	32704.9296	0.02565	0.02553	0.11255	0.11511	0.08824	0.08674	1.84E-04	6.44E-06	6.50E-06	4.58E-05	4.67E-05	1.29E-05	1.26E-05	2.8946E-04
606907.8	4201408.22	32074.13876	0.02712	0.02699	0.1185	0.12126	0.08568	0.08423	1.80E-04	6.81E-06	6.87E-06	4.83E-05	4.92E-05	1.25E-05	1.23E-05	2.9157E-04
606927.8	4201408.22	31437.03862	0.0288	0.02866	0.12524	0.1283	0.0832	0.08179	1.77E-04	7.23E-06	7.29E-06	5.10E-05	5.20E-05	1.22E-05	1.19E-05	2.9444E-04
606947.8	4201408.22	30820.96434	0.03046	0.03034	0.1325	0.13587	0.08085	0.07948	1.73E-04	7.65E-06	7.72E-06	5.40E-05	5.51E-05	1.18E-05	1.16E-05	2.9784E-04
606967.8	4201408.22	30213.06765	0.03218	0.03212	0.14063	0.14437	0.07859	0.07726	1.70E-04	8.08E-06	8.17E-06	5.73E-05	5.86E-05	1.15E-05	1.13E-05	3.0207E-04
606987.8	4201408.22	29611.88397	0.03398	0.034	0.14995	0.15406	0.07641	0.07512	1.67E-04	8.53E-06	8.65E-06	6.11E-05	6.25E-05	1.12E-05	1.09E-05	3.0734E-04
607007.8	4201408.22	28990.13726	0.03614	0.0363	0.16177	0.16638	0.07424	0.073	1.63E-04	9.08E-06	9.24E-06	6.59E-05	6.75E-05	1.08E-05	1.06E-05	3.1478E-04
607027.8	4201408.22	28362.21095	0.03848	0.03886	0.17636	0.18183	0.07212	0.07092	1.60E-04	9.66E-06	9.89E-06	7.18E-05	7.38E-05	1.05E-05	1.03E-05	3.2470E-04
607047.8	4201408.22	27787.53226	0.04024	0.04083	0.19111	0.19737	0.07016	0.069	1.56E-04	1.01E-05	1.04E-05	7.78E-05	8.01E-05	1.02E-05	1.01E-05	3.3472E-04
607067.8	4201408.22	27230.28033	0.04189	0.04273	0.20808	0.21532	0.06829	0.06716	1.53E-04	1.05E-05	1.09E-05	8.48E-05	8.73E-05	9.97E-06	9.79E-06	3.4668E-04
607087.8	4201408.22	26688.06309	0.04342	0.04452	0.22788	0.23639	0.06649	0.06539	1.50E-04	1.09E-05	1.13E-05	9.28E-05	9.59E-05	9.71E-06	9.53E-06	3.6108E-04
607107.8	4201408.22	26163.65771	0.04488	0.04621	0.25122	0.26136	0.06477	0.0637	1.47E-04	1.13E-05	1.18E-05	1.02E-04	1.06E-04	9.46E-06	9.28E-06	3.7856E-04
607127.8	4201408.22	25652.87993	0.04632	0.04783	0.2792	0.29147	0.06311	0.06207	1.44E-04	1.16E-05	1.22E-05	1.14E-04	1.18E-04	9.22E-06	9.05E-06	4.0007E-04
607147.8	4201408.22	25149.9273	0.04788	0.04948	0.31331	0.32842	0.0615	0.0605	1.41E-04	1.20E-05	1.26E-05	1.28E-04	1.33E-04	8.98E-06	8.82E-06	4.2694E-04
607167.8	4201408.22	24657.5603	0.04966	0.05129	0.35548	0.37448	0.05995	0.05898	1.39E-04	1.25E-05	1.30E-05	1.45E-04	1.52E-04	8.75E-06	8.60E-06	4.6094E-04
607187.8	4201408.22	24175.83985	0.05178	0.05341	0.40875	0.43334	0.05846	0.05751	1.36E-04	1.30E-05	1.36E-05	1.66E-04	1.76E-04	8.54E-06	8.38E-06	5.0487E-04
607207.8	4201408.22	23706.42351	0.05424	0.05592	0.47785	0.51085	0.05701	0.0561	1.33E-04	1.36E-05	1.42E-05	1.95E-04	2.07E-04	8.33E-06	8.18E-06	5.6307E-04
607227.8	4201408.22	23252.09612	0.05702	0.05884	0.57107	0.61753	0.05563	0.05474	1.31E-04	1.43E-05	1.50E-05	2.33E-04	2.51E-04	8.12E-06	7.98E-06	6.4320E-04
607247.8	4201408.22	22813.56255	0.06009	0.06213	0.70348	0.77329	0.05431	0.05345	1.28E-04	1.51E-05	1.58E-05	2.87E-04	3.14E-04	7.93E-06	7.79E-06	7.5946E-04
607267.8	4201408.22	22394.08813	0.06334	0.06566	0.90513	1.02084	0.05305	0.05222	1.26E-04	1.59E-05	1.67E-05	3.69E-04	4.14E-04	7.75E-06	7.61E-06	9.4137E-04
607287.8	4201408.22	21980.04377	0.06695	0.06955	1.23794	1.45686	0.05183	0.05102	1.24E-04	1.68E-05	1.77E-05	5.04E-04	5.91E-04	7.57E-06	7.44E-06	1.2534E-03
607307.8	4201408.22	21569.25027	0.07088	0.07385	1.86778	2.36873	0.05064	0.04985	1.21E-04	1.78E-05	1.88E-05	7.61E-04	9.61E-04	7.40E-06	7.27E-06	1.8796E-03
606533.18	4201421.18	41917.38214	0.01273	0.01283	0.05932	0.06018	0.15869	0.15596	2.36E-04	3.20E-06	3.26E-06	2.42E-05	2.44E-05	2.32E-05	2.27E-05	2.9085E-04
606553.18	4201421.18	41453.99134	0.01303	0.01311	0.06087	0.0618	0.1532	0.15056	2.33E-04	3.27E-06	3.34E-06	2.48E-05	2.51E-05	2.24E-05	2.19E-05	2.8968E-04
606573.18	4201421.18	40957.03408	0.01341	0.01349	0.06256	0.06352	0.14786	0.1453	2.30E-04	3.37E-06	3.43E-06	2.55E-05	2.58E-05	2.16E-05	2.12E-05	2.8846E-04
606593.18	4201421.18	40457.026	0.01379	0.01388	0.06431	0.06533	0.14278	0.1403	2.28E-04	3.46E-06	3.53E-06	2.62E-05	2.65E-05	2.09E-05	2.04E-05	2.8729E-04
606613.18	4201421.18	39940.29084	0.01425	0.01433	0.06623	0.06731	0.13789	0.13548	2.25E-04	3.58E-06	3.65E-06	2.70E-05	2.73E-05	2.01E-05	1.97E-05	2.8620E-04
606633.18	4201421.18	39395.72478	0.01479	0.01486	0.06841	0.06956	0.13315	0.13082	2.22E-04	3.71E-06	3.78E-06	2.79E-05	2.82E-05	1.94E-05	1.91E-05	2.8520E-04
606653.18	4201421.18	38838.25991	0.01537	0.01546	0.07076	0.072	0.1286	0.12634	2.18E-04	3.86E-06	3.93E-06	2.88E-05	2.92E-05	1.88E-05	1.84E-05	2.8431E-04
606673.18	4201421.18	38298.64322	0.01593	0.01601	0.07313	0.07445	0.12433	0.12215	2.15E-04	4.00E-06	4.07E-06	2.98E-05	3.02E-05	1.82E-05	1.78E-05	2.8352E-04
606693.18	4201421.18	37769.76458	0.01647	0.01654	0.07557	0.07694	0.12031	0.11819	2.12E-04	4.14E-06	4.21E-06	3.08E-05	3.12E-05	1.76E-05	1.72E-05	2.8282E-04
606713.18	4201421.18	37220.98016	0.0171	0.01715	0.07821	0.07971	0.11643	0.11438	2.09E-04	4.29E-06	4.36E-06	3.19E-05	3.23E-05	1.70E-05	1.67E-05	2.8224E-04
606727.8	4201423.25	36689.70065	0.01755	0.01759	0.0803	0.08185	0.11385	0.11183	2.06E-04	4.41E-06	4.48E-06	3.27E-05	3.32E-05	1.66E-05	1.63E-05	2.8120E-04
606747.8	4201423.25	36138.45658	0.01822	0.01826	0.0832	0.08488	0.11026	0.1083	2.03E-04	4.58E-06	4.65E-06	3.39E-05	3.44E-05	1.61E-05	1.58E-05	2.8085E-04
606767.8	4201423.25	35584.5705	0.01892	0.01893	0.08617	0.08798	0.10684	0.10494	2.00E-04	4.75E-06	4.82E-06	3.51E-05	3.57E-05	1.56E-05	1.53E-05	2.8054E-04
606787.8	4201423.25	35009.7942	0.01974	0.01973	0.08956	0.09149	0.10352	0.10168	1.97E-04	4.96E-06	5.02E-06	3.65E-05	3.71E-05	1.51E-05	1.48E-05	2.8052E-04
606807.8	4201423.25	34441.85711	0.02048	0.02032	0.09268	0.09472	0.10038	0.0986	1.94E-04	5.14E-06	5.17E-06	3.77E-05	3.84E-05	1.47E-05	1.44E-05	2.8025E-04
606827.8	4201428.22	33590.78959	0.02149	0.0214	0.09694	0.0991	0.0975	0.09575	1.89E-04	5.40E-06	5.44E-06	3.95E-05	4.02E-05	1.42E-05	1.40E-05	2.7950E-04
606847.8	4201428.22	32988.7221	0.02271	0.02261	0.10184	0.10415	0.0945	0.09281	1.86E-04	5.70E-06	5.75E-06	4.15E-05	4.22E-05	1.38E-05	1.35E-05	2.8077E-04
606867.8	4201428.22	32392.10993	0.02395	0.02383	0.10682	0.10928	0.09164	0.09001	1.82E-04	6.01E-06	6.06E-06	4.35E-05	4.43E-05	1.34E-05	1.31E-05	2.8214E-04
606887.8	4201428.22	31793.54394	0.02531	0.02518	0.11229	0.11493	0.0889	0.08732	1.79E-04	6.36E-06	6.41E-06	4.57E-05	4.66E-05	1.30E-05	1.27E-05	2.8398E-04
606907.8	4201428.22	31172.69392	0.02693	0.0268	0.11887	0.12174	0.08621	0.08468	1.75E-04	6.76E-06	6.82E-06	4.84E-05	4.94E-05	1.26E-05	1.23E-05	2.8675E-04
606927.8	4201428.22	30537.04321	0.02881	0.0287	0.12636	0.12945	0.08358	0.08211	1.72E-04	7.24E-06	7.30E-06	5.15E-05	5.25E-05	1.22E-05	1.20E-05	2.9031E-04
606947.8	4201428.22	29937.84007	0.03058	0.03051	0.13427	0.13775	0.08114	0.07971	1.68E-04	7.68E-06	7.76E-06	5.47E-05	5.59E-05	1.18E-05	1.16E-05	2.9443E-04
606967.8	4201428.22	29356.74326	0.03225	0.03228	0.14275	0.14661	0.07881	0.07743	1.65E-04	8.10E-06	8.21E-06	5.81E-05	5.95E-05	1.15E-05	1.13E-05	2.9908E-04
606987.8	4201428.22	28773.05427	0.03394	0.03408	0.15261	0.15689	0.07656	0.07522	1.62E-04	8.52E-06	8.67E-06	6.22E-05	6.36E-05	1.12E-05	1.10E-05	3.0487E-04
607007.8	4201428.22	28186.46577	0.03559	0.03587	0.1639	0.16871	0.07436	0.07306	1.59E-04	8.94E-06	9.13E-06	6.68E-05	6.84E-05	1.09E-05	1.06E-05	3.1183E-04
607027.8	4201428.22	27619.9436	0.03712	0.03757	0.17639	0.18183	0.07227	0.07102	1.55E-04	9.32E-06	9.56E-06	7.18E-05	7.38E-05	1.06E-05	1.04E-05	3.1987E-04
607047.8	4201428.22	27087.83909	0.03857	0.03923	0.19049	0.19668	0.07031	0.06909	1.52E-04	9.69E-06	9.98E-06	7.76E-05	7.98E-05	1.03E-05	1.01E-05	3.2943E-04
607067.8	4201428.22	26576.32892	0.03993	0.04082	0.20677	0.21395	0.06844	0.06726	1.50E-04	1.00E-05	1.04E-05	8.42E-05	8.68E-05	9.99E-06	9.80E-06	3.4093E-04
607087.8	4201428.22	26070.86382	0.0412	0.0423	0.22589	0.23428	0.06663	0.06549	1.47E-04	1.03E-05	1.08E-05	9.20E-05	9.50E-05	9.73E-06	9.55E-06	3.5482E-04
607107.8	4201428.22	25575.00896	0.04243	0.0437	0.24853	0.25845	0.06488	0.06378	1.44E-04	1.07E-05	1.11E-05	1.01E-04	1.05E-04	9.47E-06	9.30E-06	3.7172E-04
607127.8	4201428.22	25092.66277	0.04371	0.04508	0.27561	0.28749	0.06321	0.06214	1.41E-04	1.10E-05	1.15E-05	1.12E-04	1.17E-04	9.23E-06	9.06E-06	3.9249E-04
607147.8	4201428.22	24619.51312	0.04512	0.04654	0.30851	0.32299	0.06159	0.06056	1.39E-04	1.13E-05	1.18E-05	1.26E-04	1.31E-04	8.99E-06	8.83E-06	4.1835E-04
607167.8	4201428.22	24152.44104	0.04678	0.04819	0.34915	0.36716	0.06003	0.05902	1.36E-04	1.17E-05	1.23E-05	1.42E-04	1.49E-04	8.77E-06	8.60E-06	4.5103E-04
607187.8	4201428.22	23692.03151	0.04872	0.05013	0.40034	0.42328	0.05851	0.05754	1.33E-04	1.22E-05	1.28E-05	1.63E-04	1.72E-04	8.54E-06	8.39E-06	4.9304E-04
607207.8	4201428.22	23244.33081	0.05095	0.05242	0.46655	0.49668	0.05705	0.05611	1.31E-04	1.28E-05	1.33E-05	1.90E-04	2.01E-04	8.33E-06	8.18E-06	5.4841E-04
607227.8	4201428.22	22809.60038	0.05345	0.05505	0.55529	0.59667	0.05565	0.05474	1.28E-04	1.34E-05	1.40E-05	2.26E-04	2.42E-04	8.13E-06	7.98E-06	6.2396E-04
607247.8	4201428.22	22395.87696	0.0562	0.058	0.68118	0.74188	0.05432	0.05344	1.26E-04	1.41E-05	1.48E-05	2.77E-04	3.01E-04	7.93E-06	7.79E-06	7.3326E-04
607267.8	4201428.22	22003.02639	0.05906	0.0611	0.87122	0.96824	0.05307	0.05221	1.24E-04	1.48E-05	1.55E-05	3.55E-04	3.93E-04	7.75E-06	7.61E-06	9.0178E-04
607287.8	4201428.22	21602.6431	0.06228	0.06454	1.17803	1.35098	0.05182	0.05099	1.22E-04	1.56E-05	1.64E-05	4.80E-04	5.48E-04	7.57E-06	7.43E-06	1.1814E-03
607307.8	4201428.22	21211.20141	0.06574	0.06832	1.74669	2.11236	0.05062	0.04982	1.19E-04	1.65E-05	1.74E-05	7.11E-04	8.57E-04	7.39E-06	7.26E-06	1.7215E-03
606357.31	4200991.9	164326.6741	0.01936	0.01997	0.04194	0.04193	0.05549	0.0574	9.24E-04	4.86E-06	5.08E-06	1.71E-05	1.70E-05	8.10E-06	8.37E-06	9.6849E-04
606373.3	4200990.76	163923.3575	0.01998	0.02061	0.04263	0.04261	0.0557	0.05756	9.22E-04	5.02E-06	5.24E-06	1.74E-05	1.73E-05	8.13E-06	8.39E-06	9.6709E-04
606393.3	4200990.76	161959.5082	0.02064	0.02131	0.04354	0.04351	0.05627	0.05807	9.11E-04	5.18E-06	5.42E-06	1.77E-05	1.76E-05	8.22E-06	8.46E-06	9.5713E-04
606413.3	4200990.76	159485.0526	0.02134	0.02204	0.04449	0.04446	0.05678	0.05851	8.97E-04	5.36E-06	5.61E-06	1.81E-05	1.80E-05	8.29E-06	8.53E-06	9.4434E-04
606433.3	4200990.76	156504.9214	0.0221	0.02283	0.04549	0.04545	0.05722	0.05888	8.80E-04	5.55E-06	5.81E-06	1.85E-05	1.84E-05	8.36E-06	8.58E-06	9.2877E-04
606453.3	4200990.76	153170.2675	0.02291	0.02369	0.04655	0.04649	0.05759	0.05918	8.62E-04	5.75E-06	6.03E-06	1.90E-05	1.89E-05	8.41E-06	8.63E-06	9.1129E-04
606473.3	4200990.76	149741.2361	0.02378	0.02461	0.04765	0.04752	0.0579	0.05942	8.42E-04	5.97E-06	6.26E-06	1.94E-05	1.93E-05	8.46E-06	8.66E-06	8.9332E-04
606493.3	4200990.76	146453.9598	0.02466	0.02555	0.04863	0.04822	0.05815	0.05959	8.24E-04	6.19E-06	6.50E-06	1.98E-05	1.96E-05	8.49E-06	8.69E-06	8.7597E-04
606513.3	4200990.76	143553.6835	0.02566	0.02654	0.04975	0.0494	0.05834	0.05971	8.08E-04	6.44E-06	6.75E-06	2.03E-05	2.00E-05	8.52E-06	8.70E-06	8.6109E-04
606355.59	4201005.6	153451.2372	0.01844	0.01901	0.04216	0.0422	0.05877	0.06076	8.63E-04	4.63E-06	4.84E-06	1.72E-05	1.71E-05	8.58E-06	8.86E-06	9.0703E-04
606375.59	4201005.6	151781.5209	0.01908	0.01968	0.0431	0.04313	0.05936	0.06128	8.54E-04	4.79E-06	5.01E-06	1.76E-05	1.75E-05	8.67E-06	8.93E-06	8.9873E-04
606393.3	4201010.76	146364.1917	0.01933	0.01994	0.04407	0.04412	0.06109	0.06295	8.23E-04	4.85E-06	5.07E-06	1.80E-05	1.79E-05	8.92E-06	9.18E-06	8.6918E-04
606413.3	4201010.76	144206.3253	0.02	0.02065	0.04508	0.04512	0.0615	0.06329	8.11E-04	5.02E-06	5.25E-06	1.84E-05	1.83E-05	8.98E-06	9.22E-06	8.5820E-04
606433.3	4201010.76	141720.0644	0.02073	0.0214	0.04614	0.04618	0.06184	0.06354	7.97E-04	5.21E-06	5.44E-06	1.88E-05	1.87E-05	9.03E-06	9.26E-06	8.4545E-04
606453.3	4201010.76	139017.1707	0.02148	0.0222	0.04724	0.04727	0.06211	0.06372	7.82E-04	5.39E-06	5.65E-06	1.92E-05	1.92E-05	9.07E-06	9.29E-06	8.3153E-04
606473.3	4201010.76	136202.128	0.02229	0.02305	0.0484	0.04842	0.06231	0.06384	7.66E-04	5.60E-06	5.86E-06	1.97E-05	1.96E-05	9.10E-06	9.31E-06	8.1705E-04
606493.3	4201010.76	133480.254	0.02312	0.02392	0.0496	0.04961	0.06245	0.0639	7.51E-04	5.81E-06	6.09E-06	2.02E-05	2.01E-05	9.12E-06	9.31E-06	8.0314E-04
606513.3	4201010.76	130960.5585	0.02397	0.02482	0.05085	0.05085	0.06253	0.0639	7.37E-04	6.02E-06	6.31E-06	2.07E-05	2.06E-05	9.13E-06	9.31E-06	7.9042E-04
606320.15	4201003.05	158124.317	0.01742	0.01794	0.04046	0.0405	0.05691	0.059	8.90E-04	4.37E-06	4.56E-06	1.65E-05	1.64E-05	8.31E-06	8.60E-06	9.3141E-04
606340.15	4201003.05	156664.0645	0.01806	0.01861	0.04138	0.04141	0.05763	0.05966	8.81E-04	4.54E-06	4.73E-06	1.69E-05	1.68E-05	8.42E-06	8.70E-06	9.2427E-04
606047.14	4201061.24	185830.2051	0.01065	0.01085	0.03139	0.03159	0.0603	0.06309	1.05E-03	2.67E-06	2.76E-06	1.28E-05	1.28E-05	8.81E-06	9.20E-06	1.0765E-03
606067.14	4201061.24	182774.1723	0.01086	0.01107	0.03193	0.03214	0.0613	0.06424	1.03E-03	2.73E-06	2.82E-06	1.30E-05	1.30E-05	8.95E-06	9.36E-06	1.0598E-03
606087.14	4201061.24	175830.86	0.0111	0.01131	0.03251	0.03272	0.06241	0.06545	9.89E-04	2.79E-06	2.88E-06	1.32E-05	1.33E-05	9.11E-06	9.54E-06	1.0214E-03
606107.14	4201061.24	167573.4324	0.01133	0.01156	0.03311	0.03333	0.06359	0.0667	9.43E-04	2.85E-06	2.94E-06	1.35E-05	1.35E-05	9.29E-06	9.72E-06	9.7551E-04
606127.14	4201061.24	159453.2167	0.01157	0.0118	0.03372	0.03394	0.06481	0.06796	8.97E-04	2.91E-06	3.00E-06	1.37E-05	1.38E-05	9.46E-06	9.91E-06	9.3045E-04
606147.14	4201061.24	152288.6176	0.01182	0.01207	0.03436	0.03457	0.06603	0.06918	8.57E-04	2.97E-06	3.07E-06	1.40E-05	1.40E-05	9.64E-06	1.01E-05	8.9079E-04
606167.14	4201061.24	146420.0769	0.01212	0.01237	0.03507	0.03529	0.0672	0.07033	8.24E-04	3.04E-06	3.15E-06	1.43E-05	1.43E-05	9.81E-06	1.03E-05	8.5851E-04
606187.14	4201061.24	141222.0466	0.01242	0.01269	0.03581	0.03603	0.06835	0.07141	7.94E-04	3.12E-06	3.23E-06	1.46E-05	1.46E-05	9.98E-06	1.04E-05	8.3002E-04
606207.14	4201061.24	136881.5232	0.01275	0.01303	0.03658	0.0368	0.06941	0.0724	7.70E-04	3.20E-06	3.32E-06	1.49E-05	1.49E-05	1.01E-05	1.06E-05	8.0640E-04
606227.14	4201061.24	133292.2973	0.01306	0.01335	0.03733	0.03755	0.0704	0.07332	7.50E-04	3.28E-06	3.40E-06	1.52E-05	1.52E-05	1.03E-05	1.07E-05	7.8698E-04
606247.14	4201061.24	130316.8316	0.01341	0.01372	0.03815	0.03837	0.07128	0.07413	7.33E-04	3.37E-06	3.49E-06	1.55E-05	1.56E-05	1.04E-05	1.08E-05	7.7109E-04
606267.14	4201061.24	127855.1427	0.01377	0.01409	0.03897	0.03919	0.07208	0.07482	7.19E-04	3.46E-06	3.58E-06	1.59E-05	1.59E-05	1.05E-05	1.09E-05	7.5809E-04
606287.14	4201061.24	125784.3819	0.01416	0.0145	0.03984	0.04005	0.07279	0.0754	7.08E-04	3.56E-06	3.69E-06	1.62E-05	1.62E-05	1.06E-05	1.10E-05	7.4734E-04
606307.14	4201061.24	124003.031	0.01457	0.01493	0.04073	0.04095	0.07337	0.07586	6.98E-04	3.66E-06	3.80E-06	1.66E-05	1.66E-05	1.07E-05	1.11E-05	7.3826E-04
605987.14	4201081.24	163276.2759	0.00966	0.00981	0.02987	0.03009	0.06444	0.06713	9.19E-04	2.43E-06	2.50E-06	1.22E-05	1.22E-05	9.41E-06	9.78E-06	9.4784E-04
606007.14	4201081.24	161504.336	0.00984	0.01	0.03037	0.03059	0.06513	0.06807	9.09E-04	2.47E-06	2.54E-06	1.24E-05	1.24E-05	9.51E-06	9.92E-06	9.3837E-04
606027.14	4201081.24	161951.7226	0.01005	0.01022	0.03092	0.03114	0.06603	0.06918	9.11E-04	2.52E-06	2.60E-06	1.26E-05	1.26E-05	9.64E-06	1.01E-05	9.4144E-04
606047.14	4201081.24	161996.6124	0.01025	0.01043	0.03147	0.03169	0.06712	0.07043	9.11E-04	2.57E-06	2.65E-06	1.28E-05	1.29E-05	9.80E-06	1.03E-05	9.4225E-04
606067.14	4201081.24	159810.6215	0.01045	0.01063	0.03201	0.03225	0.06835	0.07178	8.99E-04	2.62E-06	2.70E-06	1.30E-05	1.31E-05	9.98E-06	1.05E-05	9.3050E-04
606087.14	4201081.24	155686.4904	0.01067	0.01085	0.03259	0.03283	0.06965	0.07316	8.76E-04	2.68E-06	2.76E-06	1.33E-05	1.33E-05	1.02E-05	1.07E-05	9.0788E-04
606107.14	4201081.24	150560.1547	0.01089	0.01109	0.03321	0.03345	0.07098	0.07453	8.47E-04	2.73E-06	2.82E-06	1.35E-05	1.36E-05	1.04E-05	1.09E-05	8.7966E-04
606127.14	4201081.24	144937.235	0.01111	0.01132	0.03382	0.03406	0.07231	0.07584	8.15E-04	2.79E-06	2.88E-06	1.38E-05	1.38E-05	1.06E-05	1.11E-05	8.4864E-04
606147.14	4201081.24	139666.4912	0.01135	0.01156	0.03447	0.03472	0.0736	0.07711	7.86E-04	2.85E-06	2.94E-06	1.40E-05	1.41E-05	1.07E-05	1.12E-05	8.1964E-04
606167.14	4201081.24	134981.6007	0.01161	0.01183	0.03516	0.03541	0.07481	0.07826	7.59E-04	2.92E-06	3.01E-06	1.43E-05	1.44E-05	1.09E-05	1.14E-05	7.9398E-04
606187.14	4201081.24	131016.9751	0.01189	0.01213	0.03591	0.03617	0.07592	0.07928	7.37E-04	2.99E-06	3.09E-06	1.46E-05	1.47E-05	1.11E-05	1.16E-05	7.7243E-04
606207.14	4201081.24	127298.7971	0.01219	0.01244	0.03669	0.03695	0.07696	0.08019	7.16E-04	3.06E-06	3.17E-06	1.49E-05	1.50E-05	1.12E-05	1.17E-05	7.5230E-04
606227.14	4201081.24	124100.0083	0.01249	0.01275	0.03747	0.03773	0.07787	0.08098	6.98E-04	3.14E-06	3.24E-06	1.53E-05	1.53E-05	1.14E-05	1.18E-05	7.3510E-04
606247.14	4201081.24	121363.3098	0.01282	0.01309	0.03831	0.03856	0.07865	0.08163	6.83E-04	3.22E-06	3.33E-06	1.56E-05	1.56E-05	1.15E-05	1.19E-05	7.2055E-04
606267.14	4201081.24	119026.5593	0.01317	0.01345	0.03916	0.03943	0.07931	0.08218	6.70E-04	3.31E-06	3.42E-06	1.60E-05	1.60E-05	1.16E-05	1.20E-05	7.0828E-04
606287.14	4201081.24	117022.7396	0.01351	0.01381	0.04003	0.04029	0.07986	0.08259	6.58E-04	3.39E-06	3.51E-06	1.63E-05	1.63E-05	1.17E-05	1.20E-05	6.9789E-04
606307.14	4201081.24	115258.9977	0.0139	0.01421	0.04095	0.04121	0.0803	0.08287	6.48E-04	3.49E-06	3.62E-06	1.67E-05	1.67E-05	1.17E-05	1.21E-05	6.8892E-04
605947.14	4201101.24	161549.8982	0.00903	0.00915	0.02904	0.02926	0.07049	0.07321	9.09E-04	2.27E-06	2.33E-06	1.18E-05	1.19E-05	1.03E-05	1.07E-05	9.3712E-04
605967.14	4201101.24	156027.0844	0.00919	0.00932	0.0295	0.02973	0.0709	0.07396	8.78E-04	2.31E-06	2.37E-06	1.20E-05	1.21E-05	1.04E-05	1.08E-05	9.0652E-04
605987.14	4201101.24	151487.9192	0.00934	0.00948	0.02995	0.03018	0.07166	0.07502	8.52E-04	2.35E-06	2.41E-06	1.22E-05	1.22E-05	1.05E-05	1.09E-05	8.8142E-04
606007.14	4201101.24	148619.6353	0.00951	0.00965	0.03044	0.03067	0.07266	0.07628	8.36E-04	2.39E-06	2.46E-06	1.24E-05	1.24E-05	1.06E-05	1.11E-05	8.6577E-04
606027.14	4201101.24	146982.7545	0.00969	0.00983	0.03095	0.03119	0.0739	0.07769	8.27E-04	2.43E-06	2.50E-06	1.26E-05	1.27E-05	1.08E-05	1.13E-05	8.5707E-04
606047.14	4201101.24	145669.0937	0.00988	0.01003	0.0315	0.03175	0.07524	0.07916	8.19E-04	2.48E-06	2.55E-06	1.28E-05	1.29E-05	1.10E-05	1.15E-05	8.5023E-04
606067.14	4201101.24	143434.5075	0.01006	0.01022	0.03204	0.0323	0.07669	0.08069	8.07E-04	2.53E-06	2.60E-06	1.31E-05	1.31E-05	1.12E-05	1.18E-05	8.3820E-04
606087.14	4201101.24	140460.6531	0.01027	0.01043	0.03264	0.0329	0.07815	0.08217	7.90E-04	2.58E-06	2.65E-06	1.33E-05	1.33E-05	1.14E-05	1.20E-05	8.2206E-04
606107.14	4201101.24	136744.3775	0.01047	0.01065	0.03325	0.03352	0.07959	0.08359	7.69E-04	2.63E-06	2.71E-06	1.35E-05	1.36E-05	1.16E-05	1.22E-05	8.0176E-04
606127.14	4201101.24	132599.0594	0.01068	0.01086	0.03386	0.03413	0.08099	0.08493	7.46E-04	2.68E-06	2.76E-06	1.38E-05	1.38E-05	1.18E-05	1.24E-05	7.7904E-04
606147.14	4201101.24	128532.1678	0.0109	0.01108	0.0345	0.03478	0.08229	0.08614	7.23E-04	2.74E-06	2.82E-06	1.41E-05	1.41E-05	1.20E-05	1.26E-05	7.5680E-04
606167.14	4201101.24	124877.3071	0.01114	0.01134	0.03522	0.03551	0.08346	0.08719	7.03E-04	2.80E-06	2.89E-06	1.43E-05	1.44E-05	1.22E-05	1.27E-05	7.3696E-04
606187.14	4201101.24	121556.9747	0.01141	0.01161	0.03598	0.03626	0.0845	0.08811	6.84E-04	2.87E-06	2.95E-06	1.47E-05	1.47E-05	1.23E-05	1.28E-05	7.1903E-04
606207.14	4201101.24	118424.956	0.01166	0.01187	0.03671	0.037	0.08542	0.08888	6.66E-04	2.93E-06	3.02E-06	1.50E-05	1.50E-05	1.25E-05	1.30E-05	7.0213E-04
606227.14	4201101.24	115892.8939	0.01196	0.01218	0.03754	0.03784	0.08617	0.08947	6.52E-04	3.00E-06	3.10E-06	1.53E-05	1.53E-05	1.26E-05	1.30E-05	6.8872E-04
606247.14	4201101.24	113412.9084	0.01227	0.01251	0.0384	0.0387	0.0868	0.08991	6.38E-04	3.08E-06	3.18E-06	1.56E-05	1.57E-05	1.27E-05	1.31E-05	6.7563E-04
606267.14	4201101.24	111239.1192	0.01259	0.01284	0.03928	0.03957	0.08727	0.09021	6.26E-04	3.16E-06	3.27E-06	1.60E-05	1.61E-05	1.27E-05	1.31E-05	6.6428E-04
606287.14	4201101.24	109326.5525	0.01293	0.01319	0.04018	0.04049	0.08761	0.09039	6.15E-04	3.25E-06	3.36E-06	1.64E-05	1.64E-05	1.28E-05	1.32E-05	6.5443E-04
606307.14	4201101.24	107619.623	0.0133	0.01357	0.04114	0.04144	0.08782	0.09042	6.05E-04	3.34E-06	3.45E-06	1.68E-05	1.68E-05	1.28E-05	1.32E-05	6.4580E-04
605927.14	4201121.24	155538.109	0.00857	0.00868	0.02859	0.02882	0.07813	0.08126	8.75E-04	2.15E-06	2.21E-06	1.16E-05	1.17E-05	1.14E-05	1.18E-05	9.0271E-04
605947.14	4201121.24	150070.1057	0.00873	0.00885	0.02907	0.0293	0.07848	0.08201	8.44E-04	2.19E-06	2.25E-06	1.18E-05	1.19E-05	1.15E-05	1.20E-05	8.7242E-04
605967.14	4201121.24	145173.5325	0.00889	0.00901	0.02954	0.02978	0.07926	0.08314	8.17E-04	2.23E-06	2.29E-06	1.20E-05	1.21E-05	1.16E-05	1.21E-05	8.4534E-04
605987.14	4201121.24	141118.684	0.00905	0.00917	0.03003	0.03027	0.08037	0.08454	7.94E-04	2.27E-06	2.33E-06	1.22E-05	1.23E-05	1.17E-05	1.23E-05	8.2301E-04
606007.14	4201121.24	137803.1568	0.0092	0.00932	0.03049	0.03074	0.08175	0.08615	7.75E-04	2.31E-06	2.37E-06	1.24E-05	1.25E-05	1.19E-05	1.26E-05	8.0481E-04
606027.14	4201121.24	135380.8457	0.00936	0.00949	0.03099	0.03125	0.08328	0.08782	7.62E-04	2.35E-06	2.41E-06	1.26E-05	1.27E-05	1.22E-05	1.28E-05	7.9168E-04
606047.14	4201121.24	133405.7217	0.00954	0.00967	0.03154	0.03181	0.08487	0.08949	7.51E-04	2.40E-06	2.46E-06	1.28E-05	1.29E-05	1.24E-05	1.30E-05	7.8111E-04
606067.14	4201121.24	131122.1248	0.00971	0.00985	0.03209	0.03236	0.0865	0.09113	7.38E-04	2.44E-06	2.51E-06	1.31E-05	1.31E-05	1.26E-05	1.33E-05	7.6880E-04
606087.14	4201121.24	128314.9214	0.00988	0.01002	0.03263	0.03291	0.0881	0.09268	7.22E-04	2.48E-06	2.55E-06	1.33E-05	1.33E-05	1.29E-05	1.35E-05	7.5353E-04
606107.14	4201121.24	125347.7078	0.01007	0.01022	0.03324	0.03353	0.08959	0.09408	7.05E-04	2.53E-06	2.60E-06	1.35E-05	1.36E-05	1.31E-05	1.37E-05	7.3744E-04
606127.14	4201121.24	122108.0166	0.01027	0.01043	0.03386	0.03415	0.09097	0.09533	6.87E-04	2.58E-06	2.65E-06	1.38E-05	1.39E-05	1.33E-05	1.39E-05	7.1982E-04
606147.14	4201121.24	118832.211	0.01047	0.01063	0.0345	0.0348	0.0922	0.0964	6.69E-04	2.63E-06	2.70E-06	1.41E-05	1.41E-05	1.35E-05	1.41E-05	7.0202E-04
606167.14	4201121.24	115837.322	0.0107	0.01087	0.03522	0.03553	0.09325	0.09727	6.52E-04	2.69E-06	2.77E-06	1.43E-05	1.44E-05	1.36E-05	1.42E-05	6.8588E-04
606187.14	4201121.24	112991.1879	0.01094	0.01112	0.03595	0.03627	0.09416	0.09796	6.36E-04	2.75E-06	2.83E-06	1.46E-05	1.47E-05	1.38E-05	1.43E-05	6.7059E-04
606207.14	4201121.24	110409.2962	0.01119	0.01138	0.03673	0.03705	0.09487	0.09847	6.21E-04	2.81E-06	2.90E-06	1.50E-05	1.50E-05	1.39E-05	1.44E-05	6.5683E-04
606227.14	4201121.24	108167.2368	0.01146	0.01166	0.03756	0.03789	0.09539	0.09881	6.09E-04	2.88E-06	2.97E-06	1.53E-05	1.54E-05	1.39E-05	1.44E-05	6.4503E-04
606247.14	4201121.24	106150.0896	0.01174	0.01195	0.03841	0.03873	0.09576	0.09897	5.97E-04	2.95E-06	3.04E-06	1.56E-05	1.57E-05	1.40E-05	1.44E-05	6.3451E-04
606267.14	4201121.24	104287.737	0.01205	0.01227	0.03931	0.03964	0.09598	0.09896	5.87E-04	3.03E-06	3.12E-06	1.60E-05	1.61E-05	1.40E-05	1.44E-05	6.2493E-04
606287.14	4201121.24	102496.6729	0.01239	0.01262	0.04027	0.0406	0.09602	0.0988	5.77E-04	3.11E-06	3.21E-06	1.64E-05	1.65E-05	1.40E-05	1.44E-05	6.1581E-04
606307.14	4201121.24	100869.8531	0.01274	0.01298	0.04126	0.04159	0.09592	0.09853	5.67E-04	3.20E-06	3.30E-06	1.68E-05	1.69E-05	1.40E-05	1.44E-05	6.0764E-04
605907.14	4201141.24	149463.5137	0.00814	0.00823	0.02811	0.02835	0.08722	0.09083	8.41E-04	2.04E-06	2.09E-06	1.14E-05	1.15E-05	1.27E-05	1.32E-05	8.6792E-04
605927.14	4201141.24	144259.4409	0.00829	0.00839	0.02858	0.02882	0.08753	0.09161	8.12E-04	2.08E-06	2.13E-06	1.16E-05	1.17E-05	1.28E-05	1.34E-05	8.3911E-04
605947.14	4201141.24	139434.4096	0.00844	0.00854	0.02905	0.0293	0.08833	0.09284	7.84E-04	2.12E-06	2.17E-06	1.18E-05	1.19E-05	1.29E-05	1.35E-05	8.1243E-04
605967.14	4201141.24	135148.1138	0.0086	0.0087	0.02954	0.02979	0.08954	0.09439	7.60E-04	2.16E-06	2.21E-06	1.20E-05	1.21E-05	1.31E-05	1.38E-05	7.8879E-04
605987.14	4201141.24	131420.8976	0.00875	0.00886	0.03003	0.03028	0.09105	0.09618	7.39E-04	2.20E-06	2.25E-06	1.22E-05	1.23E-05	1.33E-05	1.40E-05	7.6830E-04
606007.14	4201141.24	128344.7675	0.0089	0.00902	0.03053	0.0308	0.09275	0.09804	7.22E-04	2.24E-06	2.29E-06	1.24E-05	1.25E-05	1.35E-05	1.43E-05	7.5149E-04
606027.14	4201141.24	125698.4037	0.00905	0.00917	0.03103	0.0313	0.09456	0.09991	7.07E-04	2.27E-06	2.33E-06	1.26E-05	1.27E-05	1.38E-05	1.46E-05	7.3708E-04
606047.14	4201141.24	123319.185	0.00921	0.00933	0.03154	0.03182	0.09638	0.10172	6.94E-04	2.31E-06	2.37E-06	1.28E-05	1.29E-05	1.41E-05	1.48E-05	7.2420E-04
606067.14	4201141.24	121067.2082	0.00937	0.0095	0.03209	0.03238	0.0981	0.10336	6.81E-04	2.35E-06	2.42E-06	1.31E-05	1.31E-05	1.43E-05	1.51E-05	7.1206E-04
606087.14	4201141.24	118467.0386	0.00952	0.00966	0.03261	0.03291	0.09974	0.10483	6.66E-04	2.39E-06	2.46E-06	1.33E-05	1.33E-05	1.46E-05	1.53E-05	6.9794E-04
606107.14	4201141.24	115806.452	0.00969	0.00983	0.03319	0.0335	0.10119	0.1061	6.51E-04	2.43E-06	2.50E-06	1.35E-05	1.36E-05	1.48E-05	1.55E-05	6.8353E-04
606127.14	4201141.24	113095.2378	0.00988	0.01002	0.03381	0.03412	0.10244	0.10714	6.36E-04	2.48E-06	2.55E-06	1.38E-05	1.38E-05	1.50E-05	1.56E-05	6.6888E-04
606147.14	4201141.24	110311.3738	0.01006	0.01021	0.03443	0.03476	0.1035	0.10797	6.21E-04	2.53E-06	2.60E-06	1.40E-05	1.41E-05	1.51E-05	1.57E-05	6.5383E-04
606167.14	4201141.24	107741.9328	0.01027	0.01042	0.03513	0.03547	0.10432	0.10854	6.06E-04	2.58E-06	2.65E-06	1.43E-05	1.44E-05	1.52E-05	1.58E-05	6.4005E-04
606187.14	4201141.24	105261.5224	0.01048	0.01064	0.03585	0.03619	0.10494	0.10891	5.92E-04	2.63E-06	2.71E-06	1.46E-05	1.47E-05	1.53E-05	1.59E-05	6.2679E-04
606207.14	4201141.24	103079.8795	0.01072	0.01089	0.03665	0.037	0.10533	0.10907	5.80E-04	2.69E-06	2.77E-06	1.49E-05	1.50E-05	1.54E-05	1.59E-05	6.1530E-04
606227.14	4201141.24	101053.9186	0.01097	0.01115	0.03747	0.03783	0.10554	0.10902	5.68E-04	2.76E-06	2.84E-06	1.53E-05	1.53E-05	1.54E-05	1.59E-05	6.0470E-04
606247.14	4201141.24	99308.99912	0.01125	0.01144	0.03836	0.03872	0.10557	0.10879	5.59E-04	2.83E-06	2.91E-06	1.56E-05	1.57E-05	1.54E-05	1.59E-05	5.9575E-04
606267.14	4201141.24	97789.37286	0.01155	0.01174	0.03929	0.03965	0.1054	0.1084	5.50E-04	2.90E-06	2.99E-06	1.60E-05	1.61E-05	1.54E-05	1.58E-05	5.8811E-04
606287.14	4201141.24	96368.16756	0.01187	0.01208	0.04027	0.04063	0.1051	0.10785	5.42E-04	2.98E-06	3.07E-06	1.64E-05	1.65E-05	1.53E-05	1.57E-05	5.8108E-04
606307.14	4201141.24	94841.92913	0.01221	0.01242	0.04128	0.04165	0.10463	0.10716	5.34E-04	3.07E-06	3.16E-06	1.68E-05	1.69E-05	1.53E-05	1.56E-05	5.7349E-04
605907.14	4201161.24	138730.2315	0.00789	0.00798	0.02813	0.02837	0.09829	0.1031	7.80E-04	1.98E-06	2.03E-06	1.15E-05	1.15E-05	1.44E-05	1.50E-05	8.0743E-04

605927.14	4201161.24	134258.5283	0.00804	0.00813	0.02861	0.02886	0.0991	0.10443	7.55E-04	2.02E-06	2.07E-06	1.17E-05	1.17E-05	1.45E-05	1.52E-05	7.8275E-04
605947.14	4201161.24	130013.6079	0.00818	0.00827	0.02907	0.02933	0.10046	0.1062	7.31E-04	2.05E-06	2.10E-06	1.18E-05	1.19E-05	1.47E-05	1.55E-05	7.5931E-04
605967.14	4201161.24	126202.6436	0.00833	0.00842	0.02955	0.02982	0.10216	0.10819	7.10E-04	2.09E-06	2.14E-06	1.20E-05	1.21E-05	1.49E-05	1.58E-05	7.3835E-04
605987.14	4201161.24	122860.9122	0.00848	0.00858	0.03005	0.03032	0.10407	0.11027	6.91E-04	2.13E-06	2.18E-06	1.22E-05	1.23E-05	1.52E-05	1.61E-05	7.2003E-04
606007.14	4201161.24	119918.3863	0.00862	0.00873	0.03056	0.03083	0.10609	0.11233	6.75E-04	2.16E-06	2.22E-06	1.24E-05	1.25E-05	1.55E-05	1.64E-05	7.0396E-04
606027.14	4201161.24	117318.8868	0.00877	0.00888	0.03106	0.03135	0.10809	0.11428	6.60E-04	2.20E-06	2.26E-06	1.27E-05	1.27E-05	1.58E-05	1.67E-05	6.8983E-04
606047.14	4201161.24	114945.2776	0.00892	0.00903	0.03158	0.03187	0.10999	0.11603	6.47E-04	2.24E-06	2.30E-06	1.29E-05	1.29E-05	1.61E-05	1.69E-05	6.7698E-04
606067.14	4201161.24	112589.9898	0.00906	0.00917	0.03209	0.03239	0.11173	0.11757	6.33E-04	2.28E-06	2.33E-06	1.31E-05	1.31E-05	1.63E-05	1.71E-05	6.6422E-04
606087.14	4201161.24	110253.6713	0.00921	0.00933	0.03263	0.03294	0.11324	0.11882	6.20E-04	2.31E-06	2.37E-06	1.33E-05	1.34E-05	1.65E-05	1.73E-05	6.5159E-04
606107.14	4201161.24	107785.5078	0.00936	0.00948	0.03317	0.03349	0.11449	0.11981	6.06E-04	2.35E-06	2.41E-06	1.35E-05	1.36E-05	1.67E-05	1.75E-05	6.3823E-04
606127.14	4201161.24	105363.3652	0.00952	0.00965	0.03376	0.03409	0.11548	0.1205	5.93E-04	2.39E-06	2.46E-06	1.38E-05	1.38E-05	1.69E-05	1.76E-05	6.2517E-04
606147.14	4201161.24	102927.6317	0.00969	0.00982	0.03437	0.03471	0.11621	0.12092	5.79E-04	2.43E-06	2.50E-06	1.40E-05	1.41E-05	1.70E-05	1.76E-05	6.1205E-04
606167.14	4201161.24	100648.2807	0.00987	0.01001	0.03504	0.0354	0.11667	0.12106	5.66E-04	2.48E-06	2.55E-06	1.43E-05	1.44E-05	1.70E-05	1.76E-05	5.9987E-04
606187.14	4201161.24	98501.59303	0.01008	0.01022	0.03576	0.03613	0.11688	0.12095	5.54E-04	2.53E-06	2.60E-06	1.46E-05	1.47E-05	1.71E-05	1.76E-05	5.8849E-04
606207.14	4201161.24	96586.6151	0.01031	0.01046	0.03657	0.03694	0.11686	0.1206	5.43E-04	2.59E-06	2.66E-06	1.49E-05	1.50E-05	1.71E-05	1.76E-05	5.7850E-04
606227.14	4201161.24	94773.61852	0.01054	0.0107	0.03739	0.03777	0.11662	0.12007	5.33E-04	2.65E-06	2.72E-06	1.52E-05	1.53E-05	1.70E-05	1.75E-05	5.6909E-04
606247.14	4201161.24	93164.83836	0.0108	0.01096	0.03827	0.03865	0.11618	0.11938	5.24E-04	2.71E-06	2.79E-06	1.56E-05	1.57E-05	1.70E-05	1.74E-05	5.6088E-04
606267.14	4201161.24	91731.16123	0.01107	0.01125	0.03919	0.03959	0.1156	0.1185	5.16E-04	2.78E-06	2.86E-06	1.60E-05	1.61E-05	1.69E-05	1.73E-05	5.5372E-04
606287.14	4201161.24	90500.08817	0.01138	0.01156	0.04019	0.04058	0.11482	0.11747	5.09E-04	2.86E-06	2.94E-06	1.64E-05	1.65E-05	1.68E-05	1.71E-05	5.4776E-04
606307.14	4201161.24	89398.54661	0.01171	0.0119	0.04124	0.04164	0.1139	0.11633	5.03E-04	2.94E-06	3.03E-06	1.68E-05	1.69E-05	1.66E-05	1.70E-05	5.4259E-04
605907.14	4201181.24	129096.5913	0.00767	0.00774	0.02816	0.02841	0.11214	0.1185	7.26E-04	1.93E-06	1.97E-06	1.15E-05	1.15E-05	1.64E-05	1.73E-05	7.5315E-04
605927.14	4201181.24	125175.6681	0.00781	0.00789	0.02863	0.02889	0.11361	0.12051	7.04E-04	1.96E-06	2.01E-06	1.17E-05	1.17E-05	1.66E-05	1.76E-05	7.3155E-04
605947.14	4201181.24	121468.4694	0.00794	0.00802	0.02909	0.02936	0.11556	0.1228	6.83E-04	1.99E-06	2.04E-06	1.18E-05	1.19E-05	1.69E-05	1.79E-05	7.1114E-04
605967.14	4201181.24	118100.6602	0.00808	0.00817	0.02958	0.02985	0.11774	0.12515	6.64E-04	2.03E-06	2.08E-06	1.20E-05	1.21E-05	1.72E-05	1.82E-05	6.9266E-04
605987.14	4201181.24	115072.0832	0.00822	0.00831	0.03008	0.03036	0.12003	0.12742	6.47E-04	2.06E-06	2.11E-06	1.23E-05	1.23E-05	1.75E-05	1.86E-05	6.7611E-04
606007.14	4201181.24	112355.144	0.00836	0.00846	0.03058	0.03087	0.12223	0.1295	6.32E-04	2.10E-06	2.15E-06	1.25E-05	1.25E-05	1.78E-05	1.89E-05	6.6131E-04
606027.14	4201181.24	109873.3478	0.0085	0.0086	0.03109	0.03139	0.12427	0.13132	6.18E-04	2.13E-06	2.19E-06	1.27E-05	1.27E-05	1.81E-05	1.91E-05	6.4783E-04
606047.14	4201181.24	107593.2817	0.00865	0.00875	0.03161	0.03192	0.12607	0.13281	6.05E-04	2.17E-06	2.23E-06	1.29E-05	1.29E-05	1.84E-05	1.94E-05	6.3551E-04
606067.14	4201181.24	105281.4382	0.00877	0.00888	0.0321	0.03241	0.12759	0.13401	5.92E-04	2.20E-06	2.26E-06	1.31E-05	1.31E-05	1.86E-05	1.95E-05	6.2297E-04
606087.14	4201181.24	103046.7255	0.00891	0.00902	0.03261	0.03294	0.12881	0.13483	5.80E-04	2.24E-06	2.29E-06	1.33E-05	1.34E-05	1.88E-05	1.97E-05	6.1089E-04
606107.14	4201181.24	100778.6975	0.00904	0.00915	0.03313	0.03347	0.1297	0.13532	5.67E-04	2.27E-06	2.33E-06	1.35E-05	1.36E-05	1.89E-05	1.97E-05	5.9862E-04
606127.14	4201181.24	98587.79078	0.00919	0.00931	0.0337	0.03405	0.13023	0.13542	5.55E-04	2.31E-06	2.37E-06	1.37E-05	1.38E-05	1.90E-05	1.97E-05	5.8684E-04
606147.14	4201181.24	96433.37102	0.00934	0.00947	0.0343	0.03466	0.13046	0.13524	5.43E-04	2.35E-06	2.41E-06	1.40E-05	1.41E-05	1.91E-05	1.97E-05	5.7529E-04
606167.14	4201181.24	94402.38524	0.00952	0.00965	0.03497	0.03534	0.13037	0.13477	5.31E-04	2.39E-06	2.46E-06	1.42E-05	1.43E-05	1.90E-05	1.96E-05	5.6450E-04
606187.14	4201181.24	92520.95955	0.00972	0.00985	0.0357	0.03608	0.13001	0.13406	5.20E-04	2.44E-06	2.51E-06	1.45E-05	1.46E-05	1.90E-05	1.95E-05	5.5462E-04
606207.14	4201181.24	90748.89209	0.00992	0.01006	0.03646	0.03686	0.12941	0.13311	5.11E-04	2.49E-06	2.56E-06	1.49E-05	1.50E-05	1.89E-05	1.94E-05	5.4538E-04
606227.14	4201181.24	89098.32454	0.01014	0.01028	0.03727	0.03767	0.1286	0.13197	5.01E-04	2.55E-06	2.62E-06	1.52E-05	1.53E-05	1.88E-05	1.92E-05	5.3686E-04
606247.14	4201181.24	87616.8666	0.01037	0.01052	0.03813	0.03855	0.12762	0.13066	4.93E-04	2.60E-06	2.68E-06	1.55E-05	1.56E-05	1.86E-05	1.90E-05	5.2936E-04
606267.14	4201181.24	86251.31025	0.01062	0.01078	0.03904	0.03946	0.12647	0.12921	4.85E-04	2.67E-06	2.74E-06	1.59E-05	1.60E-05	1.85E-05	1.88E-05	5.2254E-04
606287.14	4201181.24	85069.46834	0.0109	0.01107	0.04002	0.04045	0.12515	0.12765	4.79E-04	2.74E-06	2.82E-06	1.63E-05	1.64E-05	1.83E-05	1.86E-05	5.1684E-04
606307.14	4201181.24	84041.3047	0.01121	0.01139	0.04108	0.04151	0.12373	0.12596	4.73E-04	2.82E-06	2.90E-06	1.67E-05	1.68E-05	1.81E-05	1.84E-05	5.1208E-04
605907.14	4201201.24	120391.1676	0.00745	0.00753	0.02819	0.02846	0.12975	0.13812	6.77E-04	1.87E-06	1.92E-06	1.15E-05	1.15E-05	1.89E-05	2.01E-05	7.0410E-04
605927.14	4201201.24	116879.4916	0.00758	0.00765	0.02864	0.02891	0.13202	0.1408	6.58E-04	1.90E-06	1.95E-06	1.17E-05	1.17E-05	1.93E-05	2.05E-05	6.8477E-04
605947.14	4201201.24	113646.2938	0.00771	0.00779	0.02911	0.02938	0.13454	0.1435	6.39E-04	1.94E-06	1.98E-06	1.19E-05	1.19E-05	1.96E-05	2.09E-05	6.6703E-04
605967.14	4201201.24	110671.9537	0.00784	0.00792	0.02959	0.02987	0.1371	0.14601	6.23E-04	1.97E-06	2.02E-06	1.21E-05	1.21E-05	2.00E-05	2.13E-05	6.5076E-04
605987.14	4201201.24	107974.4844	0.00798	0.00806	0.0301	0.03039	0.13952	0.14819	6.07E-04	2.00E-06	2.05E-06	1.23E-05	1.23E-05	2.04E-05	2.16E-05	6.3607E-04
606007.14	4201201.24	105524.5922	0.00812	0.00821	0.03062	0.03091	0.14168	0.14997	5.94E-04	2.04E-06	2.09E-06	1.25E-05	1.25E-05	2.07E-05	2.19E-05	6.2279E-04
606027.14	4201201.24	103268.666	0.00826	0.00835	0.03114	0.03145	0.14348	0.15132	5.81E-04	2.07E-06	2.12E-06	1.27E-05	1.28E-05	2.10E-05	2.21E-05	6.1060E-04
606047.14	4201201.24	101078.1331	0.0084	0.00849	0.03165	0.03197	0.14492	0.15226	5.69E-04	2.11E-06	2.16E-06	1.29E-05	1.30E-05	2.12E-05	2.22E-05	5.9877E-04
606067.14	4201201.24	98918.44148	0.00852	0.00862	0.03215	0.03247	0.14595	0.15279	5.56E-04	2.14E-06	2.19E-06	1.31E-05	1.32E-05	2.13E-05	2.23E-05	5.8708E-04
606087.14	4201201.24	96734.40359	0.00863	0.00873	0.03261	0.03295	0.14663	0.15294	5.44E-04	2.17E-06	2.22E-06	1.33E-05	1.34E-05	2.14E-05	2.23E-05	5.7524E-04
606107.14	4201201.24	94601.44793	0.00875	0.00885	0.0331	0.03344	0.1469	0.15265	5.32E-04	2.20E-06	2.25E-06	1.35E-05	1.36E-05	2.15E-05	2.22E-05	5.6370E-04
606127.14	4201201.24	92551.70055	0.00888	0.00898	0.03362	0.03398	0.14676	0.152	5.21E-04	2.23E-06	2.28E-06	1.37E-05	1.38E-05	2.14E-05	2.22E-05	5.5266E-04
606147.14	4201201.24	90646.88001	0.00903	0.00914	0.03423	0.03461	0.14624	0.15099	5.10E-04	2.27E-06	2.33E-06	1.39E-05	1.40E-05	2.14E-05	2.20E-05	5.4253E-04
606167.14	4201201.24	88823.8693	0.0092	0.00931	0.03489	0.03527	0.14541	0.14971	5.00E-04	2.31E-06	2.37E-06	1.42E-05	1.43E-05	2.12E-05	2.18E-05	5.3289E-04
606187.14	4201201.24	87117.03739	0.00938	0.0095	0.0356	0.036	0.1443	0.14819	4.90E-04	2.36E-06	2.42E-06	1.45E-05	1.46E-05	2.11E-05	2.16E-05	5.2397E-04
606207.14	4201201.24	85517.21145	0.00957	0.0097	0.03636	0.03677	0.14297	0.14647	4.81E-04	2.40E-06	2.47E-06	1.48E-05	1.49E-05	2.09E-05	2.13E-05	5.1569E-04
606227.14	4201201.24	84027.3692	0.00978	0.00991	0.03717	0.03759	0.14145	0.14459	4.73E-04	2.46E-06	2.52E-06	1.51E-05	1.52E-05	2.07E-05	2.11E-05	5.0808E-04
606247.14	4201201.24	82628.10333	0.00999	0.01013	0.038	0.03844	0.13977	0.14261	4.65E-04	2.51E-06	2.58E-06	1.55E-05	1.56E-05	2.04E-05	2.08E-05	5.0100E-04
606267.14	4201201.24	81355.83422	0.01023	0.01037	0.0389	0.03934	0.13795	0.14049	4.58E-04	2.57E-06	2.64E-06	1.58E-05	1.60E-05	2.01E-05	2.05E-05	4.9469E-04
606287.14	4201201.24	80167.50726	0.01047	0.01062	0.03982	0.04027	0.13606	0.13829	4.51E-04	2.63E-06	2.70E-06	1.62E-05	1.63E-05	1.99E-05	2.02E-05	4.8888E-04
606307.14	4201201.24	79103.51088	0.01074	0.01089	0.04081	0.04127	0.13404	0.13601	4.45E-04	2.70E-06	2.77E-06	1.66E-05	1.67E-05	1.96E-05	1.98E-05	4.8384E-04
605907.14	4201221.24	112468.086	0.00725	0.00732	0.02822	0.02849	0.15245	0.16334	6.33E-04	1.82E-06	1.86E-06	1.15E-05	1.16E-05	2.23E-05	2.38E-05	6.5945E-04
605927.14	4201221.24	109397.6478	0.00737	0.00744	0.02867	0.02894	0.15545	0.16645	6.15E-04	1.85E-06	1.89E-06	1.17E-05	1.17E-05	2.27E-05	2.43E-05	6.4260E-04
605947.14	4201221.24	106527.3088	0.00749	0.00756	0.02913	0.02941	0.15841	0.16924	5.99E-04	1.88E-06	1.92E-06	1.19E-05	1.19E-05	2.31E-05	2.47E-05	6.2689E-04
605967.14	4201221.24	103831.506	0.00761	0.00769	0.02959	0.02988	0.16111	0.17153	5.84E-04	1.91E-06	1.96E-06	1.21E-05	1.21E-05	2.35E-05	2.50E-05	6.1217E-04
605987.14	4201221.24	101395.6488	0.00774	0.00782	0.03009	0.03039	0.16334	0.17322	5.70E-04	1.94E-06	1.99E-06	1.23E-05	1.23E-05	2.39E-05	2.52E-05	5.9894E-04
606007.14	4201221.24	99165.82451	0.00788	0.00796	0.03061	0.03091	0.16505	0.17426	5.58E-04	1.98E-06	2.03E-06	1.25E-05	1.25E-05	2.41E-05	2.54E-05	5.8689E-04
606027.14	4201221.24	97156.42504	0.00803	0.00811	0.03116	0.03148	0.16619	0.17466	5.47E-04	2.02E-06	2.06E-06	1.27E-05	1.28E-05	2.43E-05	2.55E-05	5.7611E-04
606047.14	4201221.24	95258.22226	0.00817	0.00826	0.03172	0.03205	0.16677	0.17452	5.36E-04	2.05E-06	2.10E-06	1.29E-05	1.30E-05	2.44E-05	2.54E-05	5.6597E-04
606067.14	4201221.24	93309.07579	0.0083	0.00839	0.03225	0.03258	0.16694	0.17397	5.25E-04	2.08E-06	2.13E-06	1.31E-05	1.32E-05	2.44E-05	2.54E-05	5.5550E-04
606087.14	4201221.24	91265.95027	0.00841	0.0085	0.03271	0.03305	0.16669	0.17307	5.13E-04	2.11E-06	2.16E-06	1.33E-05	1.34E-05	2.43E-05	2.52E-05	5.4444E-04
606107.14	4201221.24	89117.79653	0.00849	0.00858	0.03309	0.03345	0.16612	0.17182	5.01E-04	2.13E-06	2.18E-06	1.35E-05	1.36E-05	2.43E-05	2.50E-05	5.3271E-04
606127.14	4201221.24	87188.47706	0.0086	0.0087	0.03357	0.03394	0.165	0.17014	4.90E-04	2.16E-06	2.21E-06	1.37E-05	1.38E-05	2.41E-05	2.48E-05	5.2231E-04
606147.14	4201221.24	85446.20207	0.00874	0.00884	0.03416	0.03455	0.16351	0.16809	4.81E-04	2.19E-06	2.25E-06	1.39E-05	1.40E-05	2.39E-05	2.45E-05	5.1307E-04
606167.14	4201221.24	83784.47496	0.00889	0.009	0.0348	0.0352	0.16171	0.1658	4.71E-04	2.23E-06	2.29E-06	1.42E-05	1.43E-05	2.36E-05	2.42E-05	5.0432E-04
606187.14	4201221.24	82212.33578	0.00906	0.00917	0.03549	0.0359	0.15968	0.16331	4.63E-04	2.28E-06	2.33E-06	1.45E-05	1.46E-05	2.33E-05	2.38E-05	4.9613E-04
606207.14	4201221.24	80737.17284	0.00924	0.00936	0.03622	0.03665	0.15746	0.16067	4.54E-04	2.32E-06	2.38E-06	1.48E-05	1.49E-05	2.30E-05	2.34E-05	4.8853E-04
606227.14	4201221.24	79363.7373	0.00944	0.00956	0.03701	0.03745	0.15508	0.15792	4.46E-04	2.37E-06	2.43E-06	1.51E-05	1.52E-05	2.26E-05	2.30E-05	4.8155E-04
606247.14	4201221.24	78085.41837	0.00964	0.00977	0.03785	0.0383	0.15261	0.15509	4.39E-04	2.42E-06	2.49E-06	1.54E-05	1.55E-05	2.23E-05	2.26E-05	4.7515E-04
606267.14	4201221.24	76884.50498	0.00986	0.00999	0.03872	0.03918	0.15003	0.15221	4.33E-04	2.48E-06	2.54E-06	1.58E-05	1.59E-05	2.19E-05	2.22E-05	4.6921E-04
606287.14	4201221.24	75735.98155	0.01008	0.01021	0.0396	0.04007	0.1474	0.1493	4.26E-04	2.53E-06	2.60E-06	1.61E-05	1.63E-05	2.15E-05	2.18E-05	4.6358E-04
606307.14	4201221.24	74692.28755	0.01032	0.01046	0.04055	0.04103	0.14471	0.14638	4.20E-04	2.59E-06	2.66E-06	1.65E-05	1.66E-05	2.11E-05	2.13E-05	4.5861E-04
605907.14	4201241.24	105187.7949	0.00705	0.00712	0.02822	0.02851	0.18203	0.1959	5.92E-04	1.77E-06	1.81E-06	1.15E-05	1.16E-05	2.66E-05	2.86E-05	6.1840E-04
605927.14	4201241.24	102518.8236	0.00717	0.00723	0.02868	0.02896	0.18547	0.19891	5.77E-04	1.80E-06	1.84E-06	1.17E-05	1.17E-05	2.71E-05	2.90E-05	6.0381E-04
605947.14	4201241.24	99983.4529	0.00729	0.00735	0.02913	0.02943	0.1884	0.20114	5.62E-04	1.83E-06	1.87E-06	1.19E-05	1.19E-05	2.75E-05	2.93E-05	5.8998E-04
605967.14	4201241.24	97593.52642	0.0074	0.00747	0.0296	0.0299	0.19067	0.2025	5.49E-04	1.86E-06	1.90E-06	1.21E-05	1.21E-05	2.78E-05	2.95E-05	5.7698E-04
605987.14	4201241.24	95352.87372	0.00752	0.00759	0.03007	0.03038	0.19217	0.20301	5.36E-04	1.89E-06	1.93E-06	1.22E-05	1.23E-05	2.81E-05	2.96E-05	5.6482E-04
606007.14	4201241.24	93348.95243	0.00765	0.00773	0.0306	0.03091	0.19282	0.20267	5.25E-04	1.92E-06	1.97E-06	1.25E-05	1.25E-05	2.82E-05	2.95E-05	5.5404E-04
606027.14	4201241.24	91481.99811	0.00779	0.00787	0.03114	0.03146	0.19274	0.20159	5.15E-04	1.96E-06	2.00E-06	1.27E-05	1.28E-05	2.81E-05	2.94E-05	5.4405E-04
606047.14	4201241.24	89789.7872	0.00794	0.00802	0.03173	0.03206	0.19199	0.19985	5.05E-04	1.99E-06	2.04E-06	1.29E-05	1.30E-05	2.80E-05	2.91E-05	5.3509E-04
606067.14	4201241.24	88157.55432	0.00809	0.00818	0.03232	0.03267	0.19066	0.19765	4.96E-04	2.03E-06	2.08E-06	1.32E-05	1.33E-05	2.78E-05	2.88E-05	5.2648E-04
606087.14	4201241.24	86454.87082	0.00823	0.00831	0.03288	0.03323	0.18898	0.19515	4.86E-04	2.07E-06	2.11E-06	1.34E-05	1.35E-05	2.76E-05	2.84E-05	5.1742E-04
606107.14	4201241.24	84458.00708	0.0083	0.00839	0.03327	0.03363	0.18711	0.19257	4.75E-04	2.08E-06	2.13E-06	1.36E-05	1.36E-05	2.73E-05	2.81E-05	5.0655E-04
606127.14	4201241.24	82446.59962	0.00836	0.00846	0.0336	0.03398	0.1849	0.18969	4.64E-04	2.10E-06	2.15E-06	1.37E-05	1.38E-05	2.70E-05	2.76E-05	4.9554E-04
606147.14	4201241.24	80826.52531	0.00849	0.00859	0.03416	0.03455	0.18217	0.18636	4.55E-04	2.13E-06	2.19E-06	1.39E-05	1.40E-05	2.66E-05	2.72E-05	4.8695E-04
606167.14	4201241.24	79302.29338	0.00864	0.00874	0.03478	0.03519	0.1792	0.18283	4.46E-04	2.17E-06	2.22E-06	1.42E-05	1.43E-05	2.62E-05	2.66E-05	4.7897E-04
606187.14	4201241.24	77837.66778	0.00879	0.00889	0.03544	0.03586	0.17605	0.17921	4.38E-04	2.21E-06	2.26E-06	1.44E-05	1.45E-05	2.57E-05	2.61E-05	4.7134E-04
606207.14	4201241.24	76469.81187	0.00896	0.00907	0.03615	0.03659	0.17277	0.17551	4.30E-04	2.25E-06	2.31E-06	1.47E-05	1.48E-05	2.52E-05	2.56E-05	4.6432E-04
606227.14	4201241.24	75159.07242	0.00913	0.00924	0.03689	0.03734	0.16941	0.17179	4.23E-04	2.29E-06	2.35E-06	1.50E-05	1.51E-05	2.47E-05	2.50E-05	4.5764E-04
606247.14	4201241.24	73946.86072	0.00932	0.00943	0.03769	0.03815	0.16599	0.16807	4.16E-04	2.34E-06	2.40E-06	1.54E-05	1.55E-05	2.42E-05	2.45E-05	4.5157E-04
606267.14	4201241.24	72801.14373	0.00951	0.00963	0.03852	0.039	0.16255	0.16433	4.10E-04	2.39E-06	2.45E-06	1.57E-05	1.58E-05	2.37E-05	2.40E-05	4.4591E-04
606287.14	4201241.24	71700.56169	0.00971	0.00984	0.03936	0.03985	0.15911	0.16063	4.03E-04	2.44E-06	2.50E-06	1.60E-05	1.62E-05	2.32E-05	2.34E-05	4.4050E-04
606307.14	4201241.24	70669.71713	0.00992	0.01005	0.04025	0.04075	0.15568	0.15697	3.98E-04	2.49E-06	2.56E-06	1.64E-05	1.65E-05	2.27E-05	2.29E-05	4.3554E-04
605907.14	4201261.24	96973.73978	0.00676	0.00682	0.02783	0.02813	0.22201	0.23899	5.46E-04	1.70E-06	1.74E-06	1.13E-05	1.14E-05	3.24E-05	3.48E-05	5.7172E-04
605927.14	4201261.24	96035.30687	0.00696	0.00702	0.02861	0.02891	0.22404	0.23985	5.40E-04	1.75E-06	1.79E-06	1.17E-05	1.17E-05	3.27E-05	3.50E-05	5.6718E-04
605947.14	4201261.24	93954.88962	0.00709	0.00715	0.02912	0.02943	0.22583	0.24024	5.29E-04	1.78E-06	1.82E-06	1.19E-05	1.19E-05	3.30E-05	3.50E-05	5.5596E-04
605967.14	4201261.24	91820.6771	0.0072	0.00727	0.02959	0.0299	0.22676	0.23963	5.17E-04	1.81E-06	1.85E-06	1.21E-05	1.21E-05	3.31E-05	3.49E-05	5.4439E-04
605987.14	4201261.24	89820.58208	0.00732	0.00738	0.03006	0.03038	0.22658	0.23796	5.05E-04	1.84E-06	1.88E-06	1.22E-05	1.23E-05	3.31E-05	3.47E-05	5.3359E-04
606007.14	4201261.24	87958.3834	0.00744	0.00751	0.03056	0.03089	0.22541	0.2354	4.95E-04	1.87E-06	1.91E-06	1.24E-05	1.25E-05	3.29E-05	3.43E-05	5.2358E-04
606027.14	4201261.24	86280.47116	0.00757	0.00765	0.03111	0.03144	0.22333	0.23206	4.85E-04	1.90E-06	1.95E-06	1.27E-05	1.28E-05	3.26E-05	3.38E-05	5.1466E-04
606047.14	4201261.24	84723.02745	0.00772	0.00779	0.0317	0.03204	0.22057	0.22818	4.77E-04	1.94E-06	1.98E-06	1.29E-05	1.30E-05	3.22E-05	3.33E-05	5.0646E-04
606067.14	4201261.24	83320.07317	0.00788	0.00796	0.03234	0.03269	0.21723	0.2238	4.69E-04	1.98E-06	2.03E-06	1.32E-05	1.33E-05	3.17E-05	3.26E-05	4.9917E-04
606087.14	4201261.24	81978.68813	0.00805	0.00813	0.03301	0.03338	0.21347	0.21917	4.61E-04	2.02E-06	2.07E-06	1.34E-05	1.35E-05	3.12E-05	3.19E-05	4.9226E-04
606107.14	4201261.24	80370.10727	0.00817	0.00825	0.03354	0.03392	0.20974	0.21462	4.52E-04	2.05E-06	2.10E-06	1.37E-05	1.38E-05	3.06E-05	3.13E-05	4.8371E-04
606127.14	4201261.24	78374.00987	0.0082	0.00829	0.03381	0.0342	0.20614	0.2103	4.41E-04	2.06E-06	2.11E-06	1.38E-05	1.39E-05	3.01E-05	3.07E-05	4.7272E-04
606147.14	4201261.24	76771.86963	0.0083	0.00839	0.03429	0.03469	0.20197	0.20556	4.32E-04	2.08E-06	2.13E-06	1.40E-05	1.41E-05	2.95E-05	3.00E-05	4.6415E-04
606167.14	4201261.24	75240.19388	0.00841	0.00851	0.0348	0.03521	0.19768	0.2007	4.23E-04	2.11E-06	2.17E-06	1.42E-05	1.43E-05	2.89E-05	2.93E-05	4.5601E-04
606187.14	4201261.24	73845.99749	0.00855	0.00864	0.0354	0.03583	0.19325	0.19581	4.15E-04	2.15E-06	2.20E-06	1.44E-05	1.45E-05	2.82E-05	2.85E-05	4.4873E-04
606207.14	4201261.24	72561.53493	0.0087	0.0088	0.03608	0.03653	0.18876	0.19092	4.08E-04	2.18E-06	2.24E-06	1.47E-05	1.48E-05	2.76E-05	2.78E-05	4.4215E-04
606227.14	4201261.24	71364.66259	0.00887	0.00897	0.03682	0.03729	0.18426	0.18608	4.01E-04	2.23E-06	2.28E-06	1.50E-05	1.51E-05	2.69E-05	2.71E-05	4.3611E-04
606247.14	4201261.24	70228.19705	0.00904	0.00915	0.0376	0.03808	0.17981	0.18132	3.95E-04	2.27E-06	2.33E-06	1.53E-05	1.54E-05	2.63E-05	2.64E-05	4.3044E-04
606267.14	4201261.24	69126.04812	0.00922	0.00933	0.03839	0.03888	0.17542	0.17666	3.89E-04	2.32E-06	2.37E-06	1.56E-05	1.58E-05	2.56E-05	2.57E-05	4.2498E-04
606287.14	4201261.24	68069.86335	0.0094	0.00951	0.03919	0.0397	0.1711	0.17211	3.83E-04	2.36E-06	2.42E-06	1.60E-05	1.61E-05	2.50E-05	2.51E-05	4.1979E-04
606307.14	4201261.24	67052.49261	0.00958	0.0097	0.04001	0.04053	0.16687	0.16766	3.77E-04	2.41E-06	2.47E-06	1.63E-05	1.64E-05	2.44E-05	2.44E-05	4.1483E-04
605907.14	4201281.24	88096.2731	0.00632	0.00637	0.02678	0.02708	0.2738	0.29363	4.96E-04	1.59E-06	1.62E-06	1.09E-05	1.10E-05	4.00E-05	4.28E-05	5.2070E-04
605927.14	4201281.24	87759.80216	0.00656	0.00662	0.02778	0.02809	0.27528	0.29268	4.94E-04	1.65E-06	1.68E-06	1.13E-05	1.14E-05	4.02E-05	4.27E-05	5.1975E-04
605947.14	4201281.24	87191.96213	0.0068	0.00686	0.02875	0.02906	0.27335	0.2886	4.91E-04	1.71E-06	1.75E-06	1.17E-05	1.18E-05	3.99E-05	4.21E-05	5.1747E-04
605967.14	4201281.24	86361.49579	0.00699	0.00705	0.0295	0.02982	0.27037	0.28352	4.86E-04	1.76E-06	1.79E-06	1.20E-05	1.21E-05	3.95E-05	4.13E-05	5.1351E-04
605987.14	4201281.24	84702.81167	0.00712	0.00718	0.03004	0.03036	0.26698	0.27824	4.77E-04	1.79E-06	1.83E-06	1.22E-05	1.23E-05	3.90E-05	4.06E-05	5.0468E-04
606007.14	4201281.24	83024.91974	0.00724	0.0073	0.03054	0.03087	0.26285	0.2724	4.67E-04	1.82E-06	1.86E-06	1.24E-05	1.25E-05	3.84E-05	3.97E-05	4.9571E-04
606027.14	4201281.24	81458.80762	0.00736	0.00743	0.03106	0.03141	0.25799	0.26603	4.58E-04	1.85E-06	1.89E-06	1.27E-05	1.27E-05	3.77E-05	3.88E-05	4.8739E-04
606047.14	4201281.24	80115.48151	0.00752	0.00759	0.03169	0.03204	0.25235	0.25917	4.51E-04	1.89E-06	1.93E-06	1.29E-05	1.30E-05	3.69E-05	3.78E-05	4.8043E-04
606067.14	4201281.24	78903.89067	0.00769	0.00776	0.03238	0.03274	0.24632	0.25204	4.44E-04	1.93E-06	1.97E-06	1.32E-05	1.33E-05	3.60E-05	3.67E-05	4.7427E-04
606087.14	4201281.24	77933.86576	0.00789	0.00797	0.03319	0.03356	0.23985	0.24466	4.38E-04	1.98E-06	2.03E-06	1.35E-05	1.36E-05	3.50E-05	3.57E-05	4.6957E-04
606107.14	4201281.24	76799.58342	0.00807	0.00815	0.0339	0.03429	0.23359	0.23765	4.32E-04	2.03E-06	2.07E-06	1.38E-05	1.39E-05	3.41E-05	3.46E-05	4.6387E-04
606127.14	4201281.24	75170.19736	0.00816	0.00825	0.03437	0.03477	0.22796	0.2313	4.23E-04	2.05E-06	2.10E-06	1.40E-05	1.41E-05	3.33E-05	3.37E-05	4.5514E-04
606147.14	4201281.24	73484.50613	0.00823	0.00831	0.03475	0.03517	0.22236	0.22511	4.13E-04	2.07E-06	2.11E-06	1.42E-05	1.43E-05	3.25E-05	3.28E-05	4.4600E-04
606167.14	4201281.24	71869.05974	0.00829	0.00838	0.03513	0.03556	0.21669	0.21893	4.04E-04	2.08E-06	2.13E-06	1.43E-05	1.44E-05	3.16E-05	3.19E-05	4.3726E-04
606187.14	4201281.24	70395.17174	0.00838	0.00847	0.03558	0.03602	0.21093	0.21278	3.96E-04	2.10E-06	2.15E-06	1.45E-05	1.46E-05	3.08E-05	3.10E-05	4.2939E-04
606207.14	4201281.24	69066.38505	0.00849	0.00858	0.03612	0.03657	0.2052	0.20666	3.89E-04	2.13E-06	2.18E-06	1.47E-05	1.48E-05	3.00E-05	3.01E-05	4.2241E-04
606227.14	4201281.24	67902.13023	0.00863	0.00873	0.03679	0.03726	0.1995	0.20065	3.82E-04	2.17E-06	2.22E-06	1.50E-05	1.51E-05	2.91E-05	2.92E-05	4.1649E-04
606247.14	4201281.24	66505.11661	0.00879	0.00889	0.03751	0.038	0.19393	0.19481	3.74E-04	2.21E-06	2.26E-06	1.53E-05	1.54E-05	2.83E-05	2.84E-05	4.0930E-04
606267.14	4201281.24	65470.70634	0.00895	0.00906	0.03829	0.0388	0.1885	0.18915	3.68E-04	2.25E-06	2.31E-06	1.56E-05	1.57E-05	2.75E-05	2.76E-05	4.0421E-04
606287.14	4201281.24	64477.65381	0.00913	0.00923	0.0391	0.03961	0.18323	0.18368	3.63E-04	2.29E-06	2.35E-06	1.59E-05	1.61E-05	2.68E-05	2.68E-05	3.9937E-04
606307.14	4201281.24	63529.08845	0.0093	0.00942	0.03992	0.04046	0.17811	0.17839	3.57E-04	2.34E-06	2.40E-06	1.63E-05	1.64E-05	2.60E-05	2.60E-05	3.9480E-04
605907.14	4201301.24	77929.82806	0.00575	0.00579	0.02504	0.02533	0.32389	0.34872	4.38E-04	1.44E-06	1.47E-06	1.02E-05	1.03E-05	4.73E-05	5.08E-05	4.6180E-04
605927.14	4201301.24	78669.8488	0.00602	0.00607	0.02622	0.02652	0.33453	0.35478	4.43E-04	1.51E-06	1.54E-06	1.07E-05	1.08E-05	4.89E-05	5.17E-05	4.6707E-04
605947.14	4201301.24	79497.99272	0.00634	0.0064	0.02757	0.02789	0.33247	0.34855	4.47E-04	1.59E-06	1.63E-06	1.12E-05	1.13E-05	4.86E-05	5.08E-05	4.7300E-04
605967.14	4201301.24	79429.33924	0.0066	0.00666	0.02867	0.029	0.32417	0.33621	4.47E-04	1.66E-06	1.69E-06	1.17E-05	1.18E-05	4.73E-05	4.90E-05	4.7364E-04
605987.14	4201301.24	78978.97177	0.00684	0.0069	0.02965	0.02999	0.31481	0.32477	4.44E-04	1.72E-06	1.76E-06	1.21E-05	1.22E-05	4.60E-05	4.73E-05	4.7203E-04
606007.14	4201301.24	78360.24309	0.00703	0.0071	0.03044	0.03079	0.30533	0.31351	4.41E-04	1.77E-06	1.81E-06	1.24E-05	1.25E-05	4.46E-05	4.57E-05	4.6929E-04
606027.14	4201301.24	77069.05184	0.00717	0.00724	0.03105	0.0314	0.29624	0.30294	4.34E-04	1.80E-06	1.84E-06	1.26E-05	1.27E-05	4.33E-05	4.42E-05	4.6259E-04
606047.14	4201301.24	75758.21139	0.00731	0.00738	0.03162	0.03198	0.28723	0.29263	4.26E-04	1.84E-06	1.88E-06	1.29E-05	1.30E-05	4.19E-05	4.27E-05	4.5576E-04
606067.14	4201301.24	74882.55054	0.00751	0.00759	0.03245	0.03282	0.27752	0.28192	4.21E-04	1.89E-06	1.93E-06	1.32E-05	1.33E-05	4.05E-05	4.11E-05	4.5161E-04
606087.14	4201301.24	74233.76558	0.00776	0.00783	0.03338	0.03376	0.26772	0.27134	4.18E-04	1.95E-06	1.99E-06	1.36E-05	1.37E-05	3.91E-05	3.95E-05	4.4885E-04
606107.14	4201301.24	73078.12963	0.00799	0.00807	0.03425	0.03461	0.25839	0.26132	4.11E-04	2.01E-06	2.05E-06	1.40E-05	1.40E-05	3.77E-05	3.81E-05	4.4317E-04
606127.14	4201301.24	71833.96468	0.00812	0.0082	0.03484	0.03522	0.25044	0.25275	4.04E-04	2.04E-06	2.09E-06	1.42E-05	1.43E-05	3.66E-05	3.68E-05	4.3672E-04
606147.14	4201301.24	70553.64922	0.00818	0.00826	0.03524	0.03567	0.24312	0.2449	3.97E-04	2.05E-06	2.10E-06	1.44E-05	1.45E-05	3.55E-05	3.57E-05	4.2989E-04
606167.14	4201301.24	69077.87631	0.00826	0.00834	0.03571	0.03615	0.23577	0.23709	3.89E-04	2.07E-06	2.12E-06	1.45E-05	1.47E-05	3.44E-05	3.46E-05	4.2202E-04
606187.14	4201301.24	67671.50186	0.00834	0.00843	0.03619	0.03664	0.22856	0.22952	3.81E-04	2.09E-06	2.14E-06	1.47E-05	1.49E-05	3.34E-05	3.35E-05	4.1454E-04
606207.14	4201301.24	66341.59417	0.00843	0.00852	0.03668	0.03715	0.22151	0.2222	3.73E-04	2.12E-06	2.17E-06	1.49E-05	1.51E-05	3.23E-05	3.24E-05	4.0751E-04
606227.14	4201301.24	65129.18687	0.00854	0.00863	0.03725	0.03773	0.21465	0.21505	3.66E-04	2.14E-06	2.20E-06	1.52E-05	1.53E-05	3.13E-05	3.13E-05	4.0122E-04
606247.14	4201301.24	64021.96559	0.00867	0.00877	0.03789	0.0384	0.20797	0.20815	3.60E-04	2.18E-06	2.23E-06	1.54E-05	1.56E-05	3.04E-05	3.03E-05	3.9559E-04
606267.14	4201301.24	63018.63948	0.00882	0.00892	0.03864	0.03916	0.20146	0.20149	3.55E-04	2.22E-06	2.27E-06	1.57E-05	1.59E-05	2.94E-05	2.94E-05	3.9063E-04
606287.14	4201301.24	62053.02338	0.00897	0.00908	0.0394	0.03994	0.19523	0.19511	3.49E-04	2.25E-06	2.31E-06	1.60E-05	1.62E-05	2.85E-05	2.84E-05	3.8590E-04
606307.14	4201301.24	61129.44804	0.00914	0.00924	0.0402	0.04075	0.18924	0.18898	3.44E-04	2.30E-06	2.35E-06	1.64E-05	1.65E-05	2.76E-05	2.75E-05	3.8145E-04
605927.14	4201321.24	71112.52411	0.0056	0.00565	0.02505	0.02535	0.40049	0.4201	4.00E-04	1.41E-06	1.44E-06	1.02E-05	1.03E-05	5.85E-05	6.12E-05	4.2339E-04
605947.14	4201321.24	71837.61044	0.00587	0.00592	0.02619	0.02651	0.40012	0.41453	4.04E-04	1.47E-06	1.51E-06	1.07E-05	1.08E-05	5.84E-05	6.04E-05	4.2854E-04
605967.14	4201321.24	72241.9114	0.00612	0.00618	0.02732	0.02765	0.38781	0.39985	4.06E-04	1.54E-06	1.57E-06	1.11E-05	1.12E-05	5.66E-05	5.83E-05	4.3186E-04
605987.14	4201321.24	72923.49996	0.00644	0.0065	0.0287	0.02905	0.36962	0.37817	4.10E-04	1.62E-06	1.65E-06	1.17E-05	1.18E-05	5.40E-05	5.51E-05	4.3699E-04
606007.14	4201321.24	72972.30377	0.00672	0.00679	0.0299	0.03025	0.35365	0.35936	4.11E-04	1.69E-06	1.73E-06	1.22E-05	1.23E-05	5.16E-05	5.24E-05	4.3839E-04
606027.14	4201321.24	72871.48144	0.00697	0.00704	0.03094	0.0313	0.33803	0.34253	4.10E-04	1.75E-06	1.79E-06	1.26E-05	1.27E-05	4.94E-05	4.99E-05	4.3879E-04
606047.14	4201321.24	71810.60508	0.00712	0.00719	0.0316	0.03197	0.3243	0.32777	4.04E-04	1.79E-06	1.83E-06	1.29E-05	1.30E-05	4.74E-05	4.78E-05	4.3344E-04
606067.14	4201321.24	70826.90693	0.00729	0.00736	0.03231	0.03268	0.31115	0.31377	3.98E-04	1.83E-06	1.87E-06	1.32E-05	1.33E-05	4.54E-05	4.57E-05	4.2857E-04
606087.14	4201321.24	70384.31054	0.00756	0.00763	0.03335	0.03373	0.29758	0.29955	3.96E-04	1.90E-06	1.94E-06	1.36E-05	1.37E-05	4.35E-05	4.37E-05	4.2707E-04
606107.14	4201321.24	69464.44407	0.00782	0.00789	0.0343	0.03468	0.28494	0.28642	3.91E-04	1.96E-06	2.01E-06	1.40E-05	1.41E-05	4.16E-05	4.17E-05	4.2280E-04
606127.14	4201321.24	68306.60766	0.00799	0.00807	0.03501	0.03541	0.27405	0.27504	3.84E-04	2.01E-06	2.05E-06	1.43E-05	1.44E-05	4.00E-05	4.01E-05	4.1696E-04
606147.14	4201321.24	67209.32242	0.0081	0.00818	0.03559	0.036	0.26427	0.26489	3.78E-04	2.03E-06	2.08E-06	1.45E-05	1.46E-05	3.86E-05	3.86E-05	4.1131E-04
606167.14	4201321.24	66140.86959	0.00823	0.00831	0.03623	0.03665	0.25485	0.25515	3.72E-04	2.07E-06	2.11E-06	1.48E-05	1.49E-05	3.72E-05	3.72E-05	4.0589E-04
606187.14	4201321.24	65105.41797	0.00833	0.00841	0.0368	0.03727	0.24604	0.24603	3.66E-04	2.09E-06	2.14E-06	1.50E-05	1.51E-05	3.59E-05	3.59E-05	4.0060E-04
606207.14	4201321.24	63989.80117	0.00842	0.00851	0.03735	0.03783	0.23761	0.23741	3.60E-04	2.11E-06	2.17E-06	1.52E-05	1.53E-05	3.47E-05	3.46E-05	3.9483E-04
606227.14	4201321.24	62791.83114	0.00852	0.00861	0.03792	0.03842	0.22952	0.22911	3.53E-04	2.14E-06	2.19E-06	1.54E-05	1.56E-05	3.35E-05	3.34E-05	3.8861E-04
606247.14	4201321.24	61700.01522	0.00864	0.00873	0.03856	0.03909	0.22169	0.22115	3.47E-04	2.17E-06	2.22E-06	1.57E-05	1.59E-05	3.24E-05	3.22E-05	3.8306E-04
606267.14	4201321.24	60676.53553	0.00877	0.00887	0.03925	0.03979	0.21421	0.21352	3.41E-04	2.20E-06	2.26E-06	1.60E-05	1.61E-05	3.13E-05	3.11E-05	3.7794E-04
606287.14	4201321.24	59737.21828	0.00892	0.00902	0.04002	0.04057	0.20702	0.20623	3.36E-04	2.24E-06	2.29E-06	1.63E-05	1.65E-05	3.02E-05	3.01E-05	3.7336E-04
606307.14	4201321.24	58807.42707	0.00906	0.00916	0.04077	0.04134	0.20015	0.19929	3.31E-04	2.28E-06	2.33E-06	1.66E-05	1.68E-05	2.92E-05	2.90E-05	3.6881E-04
605947.14	4201341.24	66869.66523	0.00562	0.00567	0.02574	0.02605	0.47717	0.48608	3.76E-04	1.41E-06	1.44E-06	1.05E-05	1.06E-05	6.97E-05	7.08E-05	4.0009E-04
605967.14	4201341.24	66814.78377	0.00581	0.00586	0.02659	0.02691	0.45684	0.46242	3.76E-04	1.46E-06	1.49E-06	1.08E-05	1.09E-05	6.67E-05	6.74E-05	4.0058E-04
605987.14	4201341.24	68042.17082	0.00616	0.00622	0.02813	0.02847	0.43103	0.43529	3.83E-04	1.55E-06	1.58E-06	1.15E-05	1.15E-05	6.29E-05	6.34E-05	4.0892E-04
606007.14	4201341.24	68544.19553	0.00647	0.00653	0.0295	0.02986	0.40487	0.40712	3.86E-04	1.62E-06	1.66E-06	1.20E-05	1.21E-05	5.91E-05	5.93E-05	4.1302E-04
606027.14	4201341.24	68297.79433	0.00671	0.00678	0.03056	0.03093	0.38326	0.38475	3.84E-04	1.69E-06	1.72E-06	1.24E-05	1.25E-05	5.60E-05	5.61E-05	4.1263E-04
606047.14	4201341.24	68131.3916	0.00695	0.00701	0.03157	0.03194	0.36315	0.3641	3.83E-04	1.75E-06	1.78E-06	1.29E-05	1.30E-05	5.30E-05	5.31E-05	4.1263E-04
606067.14	4201341.24	67379.22969	0.00714	0.00721	0.03238	0.03277	0.34526	0.3457	3.79E-04	1.79E-06	1.83E-06	1.32E-05	1.33E-05	5.04E-05	5.04E-05	4.0916E-04
606087.14	4201341.24	66822.88391	0.00736	0.00744	0.03332	0.03371	0.32832	0.32835	3.76E-04	1.85E-06	1.89E-06	1.36E-05	1.37E-05	4.79E-05	4.79E-05	4.0691E-04
606107.14	4201341.24	66112.76963	0.00763	0.0077	0.03433	0.0347	0.31228	0.31208	3.72E-04	1.92E-06	1.96E-06	1.40E-05	1.41E-05	4.56E-05	4.55E-05	4.0386E-04

606127.14	4201341.24	65030.77065	0.00785	0.00792	0.03514	0.03555	0.29812	0.29767	3.66E-04	1.97E-06	2.02E-06	1.43E-05	1.44E-05	4.35E-05	4.34E-05	3.9856E-04
606147.14	4201341.24	63995.25345	0.00802	0.0081	0.03589	0.03631	0.28552	0.28481	3.60E-04	2.01E-06	2.06E-06	1.46E-05	1.47E-05	4.17E-05	4.15E-05	3.9344E-04
606167.14	4201341.24	63009.15067	0.00817	0.00825	0.03658	0.03703	0.27402	0.27312	3.54E-04	2.05E-06	2.10E-06	1.49E-05	1.50E-05	4.00E-05	3.98E-05	3.8854E-04
606187.14	4201341.24	62064.34058	0.00829	0.00838	0.03724	0.03771	0.26338	0.26235	3.49E-04	2.08E-06	2.13E-06	1.52E-05	1.53E-05	3.85E-05	3.82E-05	3.8383E-04
606207.14	4201341.24	61153.30006	0.0084	0.00848	0.03787	0.03835	0.25349	0.25231	3.44E-04	2.11E-06	2.16E-06	1.54E-05	1.56E-05	3.70E-05	3.68E-05	3.7928E-04
606227.14	4201341.24	60263.89374	0.0085	0.00859	0.0385	0.039	0.24411	0.24285	3.39E-04	2.13E-06	2.19E-06	1.57E-05	1.58E-05	3.56E-05	3.54E-05	3.7485E-04
606247.14	4201341.24	59394.32008	0.00861	0.0087	0.03915	0.03969	0.2352	0.23384	3.34E-04	2.16E-06	2.21E-06	1.59E-05	1.61E-05	3.43E-05	3.41E-05	3.7056E-04
606267.14	4201341.24	58543.90859	0.00873	0.00882	0.03985	0.04041	0.22665	0.22526	3.29E-04	2.19E-06	2.24E-06	1.62E-05	1.64E-05	3.31E-05	3.28E-05	3.6641E-04
606287.14	4201341.24	57594.73928	0.00886	0.00896	0.04059	0.04117	0.21853	0.21709	3.24E-04	2.23E-06	2.28E-06	1.65E-05	1.67E-05	3.19E-05	3.16E-05	3.6175E-04
606307.14	4201341.24	56697.31013	0.00901	0.00911	0.04137	0.04197	0.2108	0.2093	3.19E-04	2.26E-06	2.32E-06	1.69E-05	1.70E-05	3.08E-05	3.05E-05	3.5742E-04
605967.14	4201361.24	63874.12868	0.00573	0.00579	0.02682	0.02715	0.53033	0.52933	3.59E-04	1.44E-06	1.47E-06	1.09E-05	1.10E-05	7.74E-05	7.72E-05	3.8419E-04
605987.14	4201361.24	64547.46754	0.00601	0.00607	0.0281	0.02846	0.49261	0.49148	3.63E-04	1.51E-06	1.54E-06	1.14E-05	1.15E-05	7.19E-05	7.16E-05	3.8917E-04
606007.14	4201361.24	64760.59212	0.00627	0.00634	0.02929	0.02966	0.45766	0.45637	3.64E-04	1.57E-06	1.61E-06	1.19E-05	1.20E-05	6.68E-05	6.65E-05	3.9147E-04
606027.14	4201361.24	64400.90859	0.00648	0.00654	0.03023	0.0306	0.42981	0.42765	3.62E-04	1.63E-06	1.66E-06	1.23E-05	1.24E-05	6.28E-05	6.23E-05	3.9032E-04
606047.14	4201361.24	64207.57072	0.00673	0.00679	0.03133	0.03172	0.40374	0.40163	3.61E-04	1.69E-06	1.73E-06	1.28E-05	1.29E-05	5.90E-05	5.85E-05	3.9026E-04
606067.14	4201361.24	63985.65466	0.00695	0.00702	0.03231	0.03271	0.38052	0.37836	3.60E-04	1.75E-06	1.79E-06	1.32E-05	1.33E-05	5.56E-05	5.51E-05	3.8992E-04
606087.14	4201361.24	63311.49728	0.00714	0.00721	0.03313	0.03353	0.36007	0.35788	3.56E-04	1.79E-06	1.83E-06	1.35E-05	1.36E-05	5.26E-05	5.22E-05	3.8689E-04
606107.14	4201361.24	62992.06197	0.0074	0.00748	0.0342	0.03462	0.34046	0.33831	3.54E-04	1.86E-06	1.90E-06	1.39E-05	1.40E-05	4.97E-05	4.93E-05	3.8611E-04
606127.14	4201361.24	61988.06127	0.00769	0.00776	0.03522	0.03563	0.32245	0.32037	3.49E-04	1.93E-06	1.97E-06	1.43E-05	1.45E-05	4.71E-05	4.67E-05	3.8143E-04
606147.14	4201361.24	61001.98869	0.00792	0.00799	0.03609	0.03654	0.30693	0.30477	3.43E-04	1.99E-06	2.03E-06	1.47E-05	1.48E-05	4.48E-05	4.44E-05	3.7672E-04
606167.14	4201361.24	60095.80139	0.00806	0.00814	0.03679	0.03725	0.29344	0.29125	3.38E-04	2.02E-06	2.07E-06	1.50E-05	1.51E-05	4.29E-05	4.25E-05	3.7227E-04
606187.14	4201361.24	59228.20343	0.00819	0.00827	0.03746	0.03795	0.281	0.27884	3.33E-04	2.06E-06	2.10E-06	1.53E-05	1.54E-05	4.10E-05	4.06E-05	3.6801E-04
606207.14	4201361.24	58385.90282	0.00831	0.00839	0.03815	0.03865	0.26943	0.26724	3.28E-04	2.09E-06	2.13E-06	1.55E-05	1.57E-05	3.93E-05	3.90E-05	3.6390E-04
606227.14	4201361.24	57567.96854	0.00844	0.00852	0.03886	0.03937	0.25861	0.25641	3.24E-04	2.12E-06	2.17E-06	1.58E-05	1.60E-05	3.78E-05	3.74E-05	3.5995E-04
606247.14	4201361.24	56772.82534	0.00856	0.00864	0.03958	0.04012	0.24842	0.24626	3.19E-04	2.15E-06	2.20E-06	1.61E-05	1.63E-05	3.63E-05	3.59E-05	3.5613E-04
606267.14	4201361.24	55996.50386	0.00869	0.00878	0.04036	0.04092	0.23879	0.23661	3.15E-04	2.18E-06	2.23E-06	1.64E-05	1.66E-05	3.49E-05	3.45E-05	3.5247E-04
606287.14	4201361.24	55245.89983	0.00882	0.00892	0.04113	0.04172	0.2297	0.22756	3.11E-04	2.22E-06	2.27E-06	1.68E-05	1.69E-05	3.35E-05	3.32E-05	3.4896E-04
606307.14	4201361.24	54516.2139	0.00897	0.00906	0.04195	0.04257	0.2211	0.21898	3.07E-04	2.25E-06	2.31E-06	1.71E-05	1.73E-05	3.23E-05	3.19E-05	3.4560E-04
605967.14	4201381.24	60803.33995	0.00562	0.00568	0.0269	0.02725	0.60404	0.59469	3.42E-04	1.41E-06	1.45E-06	1.10E-05	1.11E-05	8.82E-05	8.67E-05	3.6693E-04
605987.14	4201381.24	60876.95865	0.00582	0.00588	0.02785	0.02821	0.55611	0.54834	3.42E-04	1.46E-06	1.50E-06	1.13E-05	1.14E-05	8.12E-05	7.99E-05	3.6822E-04
606007.14	4201381.24	60852.91208	0.00603	0.00609	0.02883	0.02921	0.51385	0.50763	3.42E-04	1.51E-06	1.55E-06	1.17E-05	1.18E-05	7.50E-05	7.40E-05	3.6900E-04
606027.14	4201381.24	60641.448	0.00623	0.00629	0.02979	0.03017	0.47703	0.47123	3.41E-04	1.56E-06	1.60E-06	1.21E-05	1.22E-05	6.97E-05	6.87E-05	3.6869E-04
606047.14	4201381.24	60465.79222	0.00645	0.00652	0.03085	0.03124	0.44553	0.43988	3.40E-04	1.62E-06	1.66E-06	1.26E-05	1.27E-05	6.51E-05	6.41E-05	3.6868E-04
606067.14	4201381.24	60308.45011	0.0067	0.00677	0.03198	0.03238	0.41692	0.41186	3.39E-04	1.68E-06	1.72E-06	1.30E-05	1.31E-05	6.09E-05	6.00E-05	3.6884E-04
606087.14	4201381.24	60063.52425	0.00691	0.00698	0.03292	0.03333	0.39186	0.38725	3.38E-04	1.74E-06	1.78E-06	1.34E-05	1.35E-05	5.72E-05	5.64E-05	3.6834E-04
606107.14	4201381.24	59508.11883	0.00711	0.00718	0.03379	0.03421	0.36963	0.36535	3.35E-04	1.79E-06	1.83E-06	1.38E-05	1.39E-05	5.40E-05	5.33E-05	3.6603E-04
606127.14	4201381.24	59188.2529	0.00739	0.00746	0.03494	0.03537	0.3485	0.34458	3.33E-04	1.86E-06	1.90E-06	1.42E-05	1.43E-05	5.09E-05	5.02E-05	3.6531E-04
606147.14	4201381.24	58279.37273	0.00769	0.00776	0.03599	0.03644	0.32935	0.3257	3.28E-04	1.93E-06	1.97E-06	1.47E-05	1.48E-05	4.81E-05	4.75E-05	3.6121E-04
606167.14	4201381.24	57396.84129	0.00791	0.00799	0.0369	0.03736	0.31292	0.30941	3.23E-04	1.99E-06	2.03E-06	1.50E-05	1.52E-05	4.57E-05	4.51E-05	3.5710E-04
606187.14	4201381.24	56577.31968	0.00807	0.00815	0.03765	0.03814	0.29846	0.29508	3.18E-04	2.03E-06	2.07E-06	1.53E-05	1.55E-05	4.36E-05	4.30E-05	3.5319E-04
606207.14	4201381.24	55793.89343	0.00822	0.00829	0.03839	0.0389	0.2852	0.28192	3.14E-04	2.06E-06	2.11E-06	1.56E-05	1.58E-05	4.16E-05	4.11E-05	3.4947E-04
606227.14	4201381.24	55045.76816	0.00833	0.00841	0.03908	0.03962	0.27303	0.26985	3.10E-04	2.09E-06	2.14E-06	1.59E-05	1.61E-05	3.99E-05	3.93E-05	3.4589E-04
606247.14	4201381.24	54312.22982	0.00846	0.00854	0.03983	0.04039	0.26155	0.25852	3.06E-04	2.12E-06	2.17E-06	1.62E-05	1.64E-05	3.82E-05	3.77E-05	3.4245E-04
606267.14	4201381.24	53594.39472	0.0086	0.00869	0.04063	0.04122	0.25079	0.24783	3.02E-04	2.16E-06	2.21E-06	1.65E-05	1.67E-05	3.66E-05	3.61E-05	3.3915E-04
606287.14	4201381.24	52897.58932	0.00875	0.00884	0.04148	0.04209	0.24068	0.23779	2.98E-04	2.20E-06	2.25E-06	1.69E-05	1.71E-05	3.51E-05	3.47E-05	3.3600E-04
606307.14	4201381.24	52220.75589	0.00891	0.009	0.04236	0.04301	0.23112	0.22835	2.94E-04	2.24E-06	2.29E-06	1.73E-05	1.74E-05	3.38E-05	3.33E-05	3.3301E-04
605987.14	4201401.24	57396.28527	0.00563	0.00569	0.02757	0.02793	0.61826	0.60326	3.23E-04	1.41E-06	1.45E-06	1.12E-05	1.13E-05	9.03E-05	8.79E-05	3.4832E-04
606007.14	4201401.24	57238.60437	0.00579	0.00586	0.0284	0.02878	0.56859	0.55589	3.22E-04	1.45E-06	1.49E-06	1.16E-05	1.17E-05	8.30E-05	8.10E-05	3.4819E-04
606027.14	4201401.24	57027.53631	0.00597	0.00603	0.02927	0.02966	0.52522	0.51482								
606047.14	4201401.24	56790.98672	0.00616	0.00622	0.03019	0.03059	0.48698	0.47819								
606067.14	4201401.24	56511.2067	0.00635	0.00642	0.03114	0.03155	0.45433	0.44606								
606087.14	4201401.24	56208.7648	0.00656	0.00663	0.03212	0.03254	0.42521	0.41787								
606107.14	4201401.24	55809.90428	0.00675	0.00682	0.03304	0.03347	0.39931	0.39271								
606127.14	4201401.24	55606.67018	0.00696	0.00703	0.034	0.03444	0.37597	0.37								
606147.14	4201401.24	55243.18107	0.00719	0.00726	0.03504	0.0355	0.35467	0.34923								
606167.14	4201401.24	54950.83548	0.00744	0.00752	0.03613	0.0366	0.33526	0.3303								
606187.14	4201401.24	54221.78791	0.00767	0.00774	0.03709	0.03755	0.3179	0.31328								
606207.14	4201401.24	53475.26529	0.00788	0.00796	0.03799	0.03849	0.30223	0.29786								
606227.14	4201401.24	52743.07381	0.00809	0.00817	0.03892	0.03946	0.28789	0.28375								
606247.14	4201401.24	52038.68819	0.00828	0.00835	0.03982	0.04038	0.27479	0.27085								
606267.14	4201401.24	51358.38284	0.00846	0.00853	0.04073	0.04132	0.2627	0.25895								
606287.14	4201401.24	50697.5239	0.00865	0.00872	0.04169	0.04231	0.25141	0.24782								
606307.14	4201401.24	50066.3593	0.00882	0.00889	0.04261	0.04326	0.24095	0.2375								
606325.06	4201067.99	119456.4225	0.01474	0.01509	0.04168	0.04191	0.07602	0.07845								
606345.06	4201067.99	117933.8282	0.01521	0.01558	0.04269	0.04291	0.07637	0.07864								
606365.06	4201067.99	116453.4621	0.0157	0.0161	0.04371	0.04394	0.07659	0.07875								
606385.06	4201067.99	114982.506	0.01618	0.0166	0.04475	0.04498	0.07676	0.07876								
606405.06	4201067.99	113454.911	0.01669	0.01713	0.04582	0.04605	0.07683	0.07868								
606325.06	4201087.99	111133.6387	0.01407	0.01438	0.04192	0.04219	0.08298	0.08542								
606345.06	4201087.99	109634.3809	0.0145	0.01483	0.04294	0.04321	0.08312	0.08541								
606365.06	4201087.99	108198.2804	0.01495	0.0153	0.04397	0.04424	0.08314	0.08528								
606385.06	4201087.99	106779.5535	0.0154	0.01577	0.04502	0.0453	0.08307	0.08508								
606405.06	4201087.99	105333.1747	0.01587	0.01626	0.04612	0.04641	0.08294	0.08478								
606325.06	4201107.99	103863.3092	0.01345	0.01373	0.04209	0.0424	0.09048	0.09292								
606345.06	4201107.99	102402.7012	0.01387	0.01416	0.04314	0.04345	0.09034	0.09263								
606365.06	4201107.99	101005.2779	0.01429	0.01459	0.0442	0.04451	0.09012	0.09223								
606385.06	4201107.99	99641.03913	0.01471	0.01503	0.04526	0.04559	0.08979	0.09174								
606405.06	4201107.99	98270.13888	0.01514	0.01548	0.04637	0.0467	0.08937	0.09118								
606325.06	4201127.99	97435.97027	0.01288	0.01312	0.04219	0.04254	0.09851	0.10091								
606345.06	4201127.99	96027.5951	0.01328	0.01354	0.04328	0.04363	0.09805	0.10026								
606365.06	4201127.99	94675.24289	0.01369	0.01396	0.04437	0.04473	0.09752	0.09954								
606385.06	4201127.99	93364.93883	0.01408	0.01437	0.04546	0.04583	0.09688	0.09874								
606405.06	4201127.99	92058.89061	0.0145	0.0148	0.04659	0.04697	0.09615	0.09787								
606325.06	4201147.99	91687.6239	0.01235	0.01257	0.04223	0.04263	0.10705	0.10937								
606345.06	4201147.99	90347.02973	0.01273	0.01296	0.04335	0.04374	0.10623	0.10833								
606365.06	4201147.99	89045.50592	0.01314	0.01338	0.04452	0.04491	0.10528	0.10721								
606385.06	4201147.99	87789.10289	0.01353	0.01378	0.04564	0.04604	0.1043	0.10603								
606405.06	4201147.99	86549.29917	0.01393	0.01419	0.04678	0.04719	0.10323	0.10478								
606325.06	4201167.99	86500.97846	0.01185	0.01205	0.0422	0.04261	0.1161	0.11826								
606345.06	4201167.99	85236.44807	0.01222	0.01243	0.04336	0.04378	0.11481	0.11677								
606365.06	4201167.99	83997.75089	0.01264	0.01285	0.0446	0.04503	0.11343	0.11517								
606385.06	4201167.99	82800.34456	0.01302	0.01324	0.04576	0.0462	0.11203	0.11358								
606405.06	4201167.99	81628.89612	0.01339	0.01363	0.04692	0.04736	0.11056	0.11194								
606325.06	4201187.99	81598.8466	0.01137	0.01154	0.04206	0.0425	0.1256	0.12756								
606345.06	4201187.99	80600.63229	0.01173	0.01192	0.04327	0.04371	0.1238	0.12552								
606365.06	4201187.99	79443.29634	0.01213	0.01232	0.04455	0.04501	0.12193	0.12345								
606385.06	4201187.99	78297.853	0.01255	0.01275	0.04585	0.04632	0.11999	0.12135								
606405.06	4201187.99	77193.22535	0.01291	0.01312	0.04702	0.0475	0.11811	0.11927								
606325.06	4201207.99	76745.43171	0.01086	0.01101	0.0417	0.04217	0.13553	0.13722								
606345.06	4201207.99	76002.80178	0.01121	0.01137	0.04293	0.04341	0.13316	0.13461								
606365.06	4201207.99	75290.33151	0.01161	0.01178	0.04429	0.04478	0.13072	0.13198								
606385.06	4201207.99	74224.81045	0.01205	0.01223	0.04575	0.04625	0.12825	0.12932								
606405.06	4201207.99	73169.90351	0.01246	0.01265	0.04709	0.0476	0.12581	0.12673								
606325.06	4201227.99	72433.55288	0.01041	0.01055	0.04135	0.04184	0.14574	0.14709								
606345.06	4201227.99	71578.76962	0.01069	0.01084	0.04244	0.04294	0.14277	0.14392								
606365.06	4201227.99	70903.27552	0.01104	0.0112	0.04373	0.04424	0.13978	0.14074								
606385.06	4201227.99	70492.62266	0.0115	0.01166	0.04531	0.04583	0.13672	0.13751								
606405.06	4201227.99	69504.84818	0.01201	0.01218	0.04704	0.04758	0.13366	0.13428								
606325.06	4201247.99	68520.20963	0.00999	0.01012	0.04095	0.04146	0.15617	0.15712								
606345.06	4201247.99	67644.45868	0.01023	0.01037	0.04196	0.04248	0.15254	0.1533								
606365.06	4201247.99	66819.46263	0.0105	0.01063	0.04303	0.04355	0.14898	0.14955								
606325.06	4201267.99	64761.85918	0.00965	0.00977	0.04073	0.04126	0.16669	0.16716								
606345.06	4201267.99	63843.50935	0.00985	0.00997	0.04159	0.04213	0.16237	0.16268								
606365.06	4201267.99	62983.39726	0.01005	0.01018	0.0425	0.04305	0.15815	0.15831								
606325.06	4201287.99	61777.86599	0.0094	0.00951	0.04075	0.04129	0.17719	0.17715								
606345.06	4201287.99	60906.18682	0.00958	0.0097	0.04161	0.04216	0.17211	0.17195								
606365.06	4201287.99	60091.07773	0.00978	0.00991	0.04252	0.04308	0.1672	0.16692								
606325.06	4201307.99	59495.85508	0.00924	0.00935	0.04106	0.04162	0.18754	0.18699								
606345.06	4201307.99	58655.29496	0.00941	0.00952	0.0419	0.04248	0.18171	0.18105								
606365.06	4201307.99	57881.03366	0.00961	0.00972	0.04283	0.04342	0.17609	0.17535								
606325.06	4201327.99	57284.97996	0.00917	0.00928	0.04167	0.04227	0.19763	0.19651								
606345.06	4201327.99	56459.01254	0.00933	0.00944	0.04251	0.04312	0.19106	0.1899								
606365.06	4201327.99	55708.77288	0.00952	0.00963	0.04344	0.04406	0.18475	0.18355								
606325.06	4201347.99	55268.44739	0.00913	0.00922	0.04231	0.04293	0.20745	0.20573								
606345.06	4201347.99	54476.27711	0.00929	0.00939	0.04318	0.04382	0.20014	0.19841								
606365.06	4201347.99	53731.17265	0.00947	0.00957	0.04411	0.04476	0.19314	0.19143								
606325.06	4201367.99	53108.69491	0.00909	0.00918	0.04289	0.04353	0.21693	0.21462								
606345.06	4201367.99	52438.92881	0.00925	0.00934	0.04378	0.04444	0.2089	0.20661								
606365.06	4201367.99	51787.91844	0.00943	0.00953	0.04474	0.04543	0.20125	0.199								
606325.06	4201387.99	50903.34265	0.00903	0.00911	0.04329	0.04396	0.22614	0.22322								
606345.06	4201387.99	50278.88909	0.00921	0.00929	0.04428	0.04497	0.21733	0.2145								
606365.06	4201387.99	49673.48751	0.00939	0.00948	0.04528	0.04598	0.20903	0.20626								
606325.06	4201407.99	48836.56204	0.00893	0.009	0.0435	0.04418	0.23516	0.23162								
606345.06	4201407.99	48252.09701	0.00911	0.00919	0.04452	0.04523	0.2256	0.22217								
606365.06	4201407.99	47685.77483	0.0093	0.00938	0.04555	0.04629	0.21661	0.21331								
606461.88	4201147.93	83047.00713	0.01513	0.01543	0.05028	0.05074	0.09987	0.10099								
606481.88	4201147.93	81801.47737	0.01558	0.01589	0.05161	0.05209	0.09859	0.09959								
606501.88	4201147.93	80544.37341	0.01605	0.01639	0.05302	0.05353	0.09729	0.09816								
606461.88	4201167.93	78351.56414	0.01453	0.0148	0.05044	0.05093	0.10618	0.10713								
606481.88	4201167.93	77194.58692	0.01496	0.01524	0.05177	0.05229	0.10458	0.1054								
606501.88	4201167.93	76023.87152	0.01542	0.01571	0.05321	0.05375	0.10294	0.10364								
606461.88	4201187.93	74125.39748	0.01399	0.01423	0.05055	0.05108	0.11258	0.11335								
606481.88	4201187.93	73042.17099	0.01441	0.01466	0.05192	0.05247	0.11065	0.11126								
606501.88	4201187.93	71955.72437	0.01484	0.0151	0.05335	0.05393	0.10868	0.10918								
606461.88	4201207.93	70296.71497	0.0135	0.01371	0.05064	0.0512	0.11909	0.1196								
606481.88	4201207.93	69284.85951	0.0139	0.01412	0.05201	0.0526	0.11674	0.11716								
606501.88	4201207.93	68267.59365	0.01432	0.01455	0.05347	0.05408	0.11444	0.11472								
606461.88	4201227.93	66801.89549	0.01306	0.01325	0.05074	0.05133	0.12561	0.12586								
606481.88	4201227.93	65858.63913	0.01344	0.01363	0.05209	0.05271	0.12287	0.12302								
606501.88	4201227.93	64912.0011	0.01384	0.01404	0.05353	0.05417	0.12018	0.12025								
606461.88	4201247.93	63603.6984	0.01265	0.01282	0.0508	0.05141	0.13213	0.13209								
606481.88	4201247.93	62723.37362	0.01301	0.01319	0.05214	0.05278	0.12898	0.12886								
606501.88	4201247.93	61837.92542	0.01339	0.01358	0.05358	0.05425	0.1259	0.12569								
606461.88	4201267.93	60661.7728	0.01226	0.01242	0.05082	0.05145	0.1386	0.13826								
606481.88	4201267.93	59838.81913	0.01261	0.01277	0.05216	0.05282	0.13503	0.13462								
606501.88	4201267.93	59010.43113	0.01298	0.01315	0.0536	0.05429	0.13155	0.13107								
606461.88	4201287.93	57946.70927	0.01187	0.01202	0.05073	0.05139	0.145	0.14434								
606481.88	4201287.93	57171.56508	0.01224	0.01239	0.05218	0.05286	0.14096	0.14026								
606501.88	4201287.93	56397.55006	0.0126	0.01276	0.05361	0.05432	0.13709	0.13633								
606461.88	4201307.93	55436.20312	0.01141	0.01154	0.05029	0.05097	0.15137	0.15039								
606481.88	4201307.93	54700.84926	0.01188	0.01202	0.05212	0.05283	0.1468	0.14578								
606501.88	4201307.93	53974.50343	0.01225	0.01239	0.05361	0.05434	0.1425	0.14145								
606461.88	4201327.93	53085.81258	0.01107	0.01119	0.05011	0.0508	0.15751	0.15617								
606481.88	4201327.93	52406.58985	0.01151	0.01164	0.05191	0.05264	0.15252	0.15116								
606501.88	4201327.93	51720.74656	0.01193	0.01205	0.05358	0.05434	0.14776	0.14641								
606461.88	4201347.93	50868.45593	0.01076	0.01087	0.04995	0.05067	0.16346	0.16178								
606481.88	4201347.93	50261.61127	0.01118	0.01129	0.05169	0.05245	0.15804	0.15636								
606501.88	4201347.93	49620.20063	0.01162	0.01172	0.05348	0.05426	0.15286	0.15119								
606461.88	4201367.93	48840.75583	0.01066	0.01076	0.05048	0.05125	0.16903	0.16698								
606481.88	4201367.93	48247.06646	0.01101	0.0111	0.05197	0.05275	0.16325	0.16123								
606501.88	4201367.93	47648.50315	0.01139	0.01148	0.05358	0.05439	0.15771	0.15572								
606461.88	4201387.93	46907.64655	0.01059	0.01067	0.05105	0.05184	0.17433	0.1719								
606481.88	4201387.93	46343.77093	0.01095	0.01103	0.05261	0.05342	0.16811	0.16574								
606501.88	4201387.93	45749.48495	0.01147	0.01155	0.05465	0.05548	0.16209	0.15973								
606461.88	4201407.93	45037.44015	0.01073	0.0108	0.05219	0.05301	0.17914	0.17629								
606481.88	4201407.93	44459.96681	0.01123	0.0113	0.05413	0.05496	0.1723	0.16955								
606501.88	4201407.93	43854.35877	0.01213	0.01222	0.0565	0.05733	0.16571	0.16304								
606384.38	4201249.47	65885.26561	0.01077	0.01092	0.04421	0.04475	0.14618	0.1466								
606404.38	4201249.47	65780.74707	0.01133	0.01148	0.04622	0.04678	0.14248	0.14277								
606384.38	4201269.47	61947.26481	0.01024	0.01037	0.0434	0.04395	0.1548	0.15482								
606404.38	4201269.47	61785.36912	0.01063	0.01077	0.04498	0.04555	0.15066	0.15056								
606384.38	4201289.47	59140.59324	0.00997	0.0101	0.04345	0.04402	0.16322	0.16282								
606404.38	4201289.47	58440.04663	0.01021	0.01034	0.04451	0.0451	0.15856	0.15808								
606384.38	4201309.47	56985.5653	0.00979	0.00991	0.04379	0.04439	0.17148	0.17064								
606404.38	4201309.47	56303.34595	0.01003	0.01016	0.04487	0.04548	0.16622	0.16535								
606384.38	4201329.47	54860.88333	0.00971	0.00983	0.04443	0.04506	0.17951	0.17823								
606404.38	4201329.47	54192.57861	0.00994	0.01006	0.0455	0.04614	0.17366	0.17236								
606384.38	4201349.47	52919.44751	0.00966	0.00977	0.04512	0.04578	0.18727	0.18552								
606404.38	4201349.47	52263.88095	0.00988	0.00999	0.04618	0.04685	0.18085	0.17912								
606384.38	4201369.47	51018.72009	0.00962	0.00972	0.04577	0.04647	0.19475	0.19251								
606404.38	4201369.47	50403.33021	0.00984	0.00993	0.04683	0.04755	0.18778	0.18558								
606384.38	4201389.47	48952.64172	0.00959	0.00967	0.04635	0.04708	0.20192	0.19919								
606404.38	4201389.47	48376.77077	0.00981	0.00989	0.04745	0.0482	0.19439	0.19174								
606384.38	4201409.47	47009.58198	0.0095	0.00958	0.04665	0.04742	0.20889	0.20566								
606404.38	4201409.47	46468.48339	0.00973	0.0098	0.04782	0.0486	0.20078	0.19767								
606423.8	4201072.57	109994.106	0.01699	0.01744	0.04695	0.04721	0.07813	0.07988								

606443.8	4201072.57	108310.1901	0.01755	0.01803	0.04814	0.04841	0.07797	0.07959
606423.8	4201092.57	102248.2716	0.01615	0.01655	0.04726	0.04756	0.0841	0.0858
606443.8	4201092.57	100714.4742	0.01667	0.01709	0.04847	0.04879	0.08573	0.08531
606423.8	4201112.57	95482.92968	0.01542	0.01576	0.04752	0.04788	0.09039	0.09201
606443.8	4201112.57	94069.46291	0.0159	0.01627	0.04875	0.04912	0.08976	0.09124
606423.8	4201132.57	89522.45162	0.01477	0.01507	0.04775	0.04814	0.09696	0.09847
606443.8	4201132.57	88217.36774	0.01521	0.01553	0.04897	0.04938	0.09602	0.09738
606423.8	4201152.57	84236.71667	0.01417	0.01444	0.04792	0.04835	0.10375	0.10514
606443.8	4201152.57	83018.31911	0.01459	0.01487	0.04915	0.0496	0.10251	0.10372
606423.8	4201172.57	79503.1443	0.01363	0.01387	0.04805	0.04852	0.11078	0.11196
606443.8	4201172.57	78363.7382	0.01403	0.01427	0.04929	0.04977	0.10914	0.1102
606423.8	4201192.57	75232.18236	0.01314	0.01335	0.04816	0.04866	0.11797	0.11893
606443.8	4201192.57	74165.49662	0.01352	0.01374	0.0494	0.04992	0.11593	0.11675
606423.8	4201212.57	71354.25602	0.01269	0.01288	0.04824	0.04877	0.12528	0.12599
606443.8	4201212.57	70354.74825	0.01306	0.01325	0.0495	0.05004	0.12281	0.12338
606423.8	4201232.57	67810.96242	0.01229	0.01246	0.04831	0.04886	0.13264	0.13307
606443.8	4201232.57	66874.98239	0.01264	0.01282	0.04958	0.05015	0.12973	0.13001
606423.11	4201254.06	64368.56675	0.01182	0.01198	0.04818	0.04877	0.14075	0.14082
606443.11	4201254.06	63486.9285	0.01221	0.01237	0.04959	0.05019	0.13727	0.13723
606423.11	4201274.06	61117.76987	0.01114	0.01128	0.04715	0.04774	0.14843	0.14815
606443.11	4201274.06	60574.03792	0.01178	0.01193	0.04944	0.05007	0.14419	0.14383
606423.11	4201294.06	57806.30372	0.01058	0.01071	0.04625	0.04686	0.1559	0.15526
606443.11	4201294.06	57763.08854	0.01118	0.01131	0.04856	0.0492	0.15121	0.15052
606423.11	4201314.06	55282.42196	0.0103	0.01043	0.04627	0.0469	0.16307	0.16204
606443.11	4201314.06	54972.814	0.01076	0.01089	0.04813	0.04879	0.15796	0.15691
606423.11	4201334.06	53168.5552	0.01018	0.01029	0.04677	0.04743	0.16997	0.16854
606443.11	4201334.06	52667.09167	0.01051	0.01063	0.0482	0.04888	0.16443	0.163
606423.11	4201354.06	51286.15896	0.01011	0.01022	0.04743	0.04812	0.17661	0.17477
606443.11	4201354.06	50750.39969	0.01041	0.01051	0.04874	0.04945	0.1706	0.16879
606423.11	4201374.06	49371.32469	0.01007	0.01016	0.04811	0.04884	0.18296	0.18072
606443.11	4201374.06	48784.06256	0.01034	0.01043	0.04935	0.05011	0.17649	0.17429
606423.11	4201394.06	47402.96187	0.01003	0.01011	0.04871	0.04948	0.18904	0.18636
606443.11	4201394.06	46851.0644	0.0103	0.01038	0.04997	0.05076	0.1821	0.17949
606423.11	4201414.06	45549.87578	0.00997	0.01004	0.04912	0.04992	0.19485	0.19175
606443.11	4201414.06	45002.18633	0.01036	0.01042	0.0508	0.05161	0.18731	0.18426
606458.33	4201114.06	92577.04242	0.01621	0.01658	0.04969	0.05008	0.0897	0.09108
606478.33	4201114.06	91155.81631	0.0167	0.01709	0.05098	0.05139	0.08893	0.09018
606458.33	4201134.06	86856.61974	0.0155	0.01582	0.04992	0.05034	0.09576	0.09701
606478.33	4201134.06	85545.1356	0.01596	0.01631	0.05123	0.05168	0.09472	0.09584
606458.41	4201076.62	105444.1522	0.01778	0.01827	0.04912	0.0494	0.07891	0.08045
606478.41	4201076.62	103713.4194	0.01838	0.0189	0.05041	0.0507	0.0786	0.08
606458.41	4201096.62	98175.01304	0.0169	0.01732	0.04945	0.04979	0.08458	0.08603
606478.41	4201096.62	96625.22717	0.01744	0.01788	0.05075	0.0511	0.08402	0.08535
606487.59	4201114.96	90227.29124	0.0169	0.0173	0.05162	0.05203	0.0888	0.08999
606507.59	4201114.96	88778.24465	0.01746	0.01788	0.05305	0.05348	0.08793	0.08899
606487.59	4201134.96	84695.21062	0.01616	0.01651	0.05188	0.05235	0.09448	0.09553
606507.59	4201134.96	83370.62096	0.01666	0.01703	0.0533	0.05379	0.09334	0.09428
606487.67	4201077.52	102575.7797	0.01861	0.01914	0.05103	0.05134	0.07866	0.08001
606507.67	4201077.52	100854.3993	0.01924	0.01979	0.0524	0.05271	0.07821	0.07947
606487.67	4201097.52	95610.0991	0.01765	0.01811	0.05138	0.05175	0.08398	0.08527
606507.67	4201097.52	94053.38419	0.01822	0.01871	0.05277	0.05315	0.08333	0.08449
605889.69	4201158.66	144347.9558	0.0078	0.00788	0.02773	0.02797	0.09656	0.10067
605889.69	4201178.66	134020.4315	0.00758	0.00765	0.02776	0.02801	0.10945	0.11502
605889.69	4201198.66	124751.2946	0.00737	0.00744	0.02781	0.02806	0.12579	0.13331
605889.69	4201218.66	116304.0484	0.00717	0.00724	0.02783	0.0281	0.14691	0.15703
605889.69	4201238.66	108325.5621	0.00696	0.00702	0.02776	0.02804	0.17497	0.18832
605889.69	4201258.66	99312.43574	0.00664	0.0067	0.02728	0.02757	0.21345	0.23056
605889.69	4201278.66	90419.39713	0.00625	0.0063	0.02638	0.02668	0.26254	0.28318
605889.69	4201298.66	80006.64879	0.00571	0.00575	0.02474	0.02502	0.30855	0.33621
605876.33	4201162.41	145695.7889	0.00766	0.00774	0.02744	0.02767	0.0989	0.10285
605876.33	4201182.41	135121.6546	0.00745	0.00752	0.02747	0.02772	0.11195	0.11737
605876.33	4201202.41	125588.983	0.00725	0.00732	0.02751	0.02776	0.12854	0.13598
605876.33	4201222.41	116824.5924	0.00705	0.00711	0.0275	0.02776	0.15017	0.16034
605876.33	4201242.41	107770.9604	0.0068	0.00686	0.0273	0.02758	0.17932	0.19308
605876.33	4201262.41	98865.92029	0.00648	0.00653	0.02674	0.02703	0.21945	0.23751
605876.33	4201282.41	89770.10995	0.00609	0.00614	0.02582	0.02611	0.26679	0.28987
605876.33	4201302.41	79796.78091	0.0056	0.00565	0.02438	0.02467	0.31505	0.34604
605863.81	4201176.17	141289.299	0.00744	0.00751	0.02719	0.02744	0.10775	0.11222
605863.81	4201196.17	130945.4654	0.00723	0.0073	0.02721	0.02746	0.12273	0.12893
605863.81	4201216.17	120921.202	0.00702	0.00708	0.02717	0.02743	0.14211	0.15073
605863.81	4201236.17	111994.3818	0.00679	0.00685	0.02704	0.02731	0.16786	0.17984
605863.81	4201256.17	102924.2207	0.0065	0.00655	0.0266	0.02689	0.20332	0.21971
605863.81	4201276.17	94793.12014	0.00623	0.00628	0.02615	0.02644	0.25132	0.27093
605863.81	4201296.17	84399.11138	0.00574	0.00579	0.02474	0.02503	0.29426	0.32399
605852.79	4201178.5	142642.2951	0.00734	0.00741	0.02605	0.02719	0.10974	0.114
605852.79	4201198.5	131875.1396	0.00712	0.00719	0.02693	0.02718	0.12491	0.13083
605852.79	4201218.5	121521.9931	0.00691	0.00697	0.02687	0.02713	0.14443	0.15279
605852.79	4201238.5	112276.6925	0.00668	0.00674	0.02669	0.02696	0.17049	0.18229
605852.79	4201258.5	103286.6514	0.00641	0.00646	0.02631	0.0266	0.20622	0.22274
605852.79	4201278.5	95211.28603	0.00616	0.00621	0.02592	0.02621	0.25478	0.27441
605852.79	4201298.5	85228.67525	0.00572	0.00577	0.02469	0.02498	0.30002	0.33074
605841.72	4201197.42	133949.4807	0.00706	0.00712	0.02665	0.0269	0.12451	0.12982
605841.72	4201217.42	123792.5183	0.00685	0.00691	0.02659	0.02685	0.14334	0.15088
605841.72	4201237.42	114241.2707	0.00662	0.00668	0.02642	0.02669	0.16831	0.17913
605841.72	4201257.42	105253.2932	0.00638	0.00643	0.02612	0.02641	0.20234	0.21787
605841.72	4201277.42	97280.13698	0.00616	0.0062	0.02585	0.02614	0.24955	0.2692
605841.72	4201297.42	87973.45302	0.00579	0.00584	0.02402	0.02522	0.30006	0.32796
605829.79	4201251.28	109685.4746	0.0064	0.00645	0.026	0.02628	0.18982	0.20274
605829.79	4201271.28	101297.5516	0.00619	0.00623	0.02577	0.02606	0.23109	0.24989
605829.79	4201291.28	93488.83271	0.00597	0.00601	0.02545	0.02575	0.26755	0.31046
605818.78	4201253.61	110354.1236	0.00633	0.00638	0.0258	0.02608	0.1936	0.20608
605818.78	4201273.61	101953.1649	0.00613	0.00618	0.0256	0.02589	0.23531	0.25407
605818.78	4201293.61	94521.65516	0.00596	0.006	0.02544	0.02574	0.29517	0.31928
605807.71	4201252.53	112661.5095	0.00631	0.00636	0.02565	0.02592	0.19203	0.2032
605807.71	4201272.53	104032.4058	0.00612	0.00616	0.02548	0.02577	0.23188	0.24891
605807.71	4201292.53	96320.33934	0.00594	0.00598	0.02532	0.02562	0.28894	0.3126
605818.76	4201242.41	115473.2172	0.00645	0.0065	0.0259	0.02618	0.17559	0.18558
605831.7	4201240.74	114202.006	0.00653	0.00658	0.02617	0.02644	0.17294	0.18366
605821.68	4201230.72	120559.2384	0.00659	0.00664	0.02605	0.02631	0.15959	0.16777
605832.12	4201225.71	121279.9822	0.0067	0.00675	0.02631	0.02657	0.15301	0.16113
605779.97	4201340.44	82963.36839	0.00549	0.00553	0.02455	0.02487	0.56222	0.62399
605759.97	4201360.44	79776.2975	0.0054	0.00544	0.02455	0.02489	0.85648	1.02048
605779.97	4201360.44	75056.68876	0.0052	0.00524	0.02371	0.02403	0.76053	0.89551
605759.97	4201380.44	72805.43167	0.00516	0.0052	0.02391	0.02426	1.44208	1.78704
605779.97	4201380.44	67981.2828	0.00492	0.00496	0.02293	0.02325	1.15057	1.40012
605759.97	4201400.44	66499.37804	0.00493	0.00497	0.02328	0.02363	3.09453	3.48775
605779.97	4201400.44	63103.64544	0.00477	0.00481	0.02269	0.02302	2.16576	2.29687
605791.09	4201315.56	90401.69387	0.00573	0.00577	0.02502	0.02533	0.38597	0.42284
605791.09	4201335.56	82242.12053	0.00546	0.0055	0.02433	0.02465	0.49345	0.55806
605791.09	4201355.56	74051.40466	0.00514	0.00518	0.02339	0.0237	0.64998	0.76952
605798.95	4201281.17	101827.6593	0.00602	0.00606	0.0253	0.0256	0.25346	0.27276
605798.95	4201301.17	94332.63546	0.00585	0.00589	0.02517	0.02547	0.31966	0.34672
605798.95	4201321.17	86670.21951	0.00563	0.00567	0.02475	0.02506	0.40811	0.44078
605779.79	4201321.31	90116.82433	0.0057	0.00574	0.02498	0.0253	0.41611	0.4635
605786.18	4201298.71	96930.3487	0.00585	0.00589	0.02507	0.02537	0.30878	0.33544

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*   AERMOD ( 1919   1): C:\Users\a   patel\Desktop\   HRA 3\RANCH   HRA3\RA   NCH HRA   3.isc                 12/17/      19
*   AERMET ( 1413   4):                                                                                       10:58      37
*   MODELING OPTI   ONS USED:   Re   gDFAULT  CONC   ELEV  URBAN
*   PLOT            FILE OF ANNUAL   VALUES AVERAG   ED ACROSS     5 YEARS   FOR SO    URCE GROU   P: AREA3
*   FOR A           TOTAL OF  166    7 RECEPTORS.
*   FORMA           T: (3(1X,F13.5   ),3(1X,F8.2),2   X,A6,2X,A8,2   X,I8.8,   2X,A8)
*   X               Y                AVERAGE CONC    ZELEV         ZHILL     ZFLAG     AVE         GRP        NUM YRS   NET ID
*   ____________    ____________     ____________    ______  _     _____     ______    ______      ________   ________  ________
      606771.32      4200808.57      155511.5541       70.52       76.73         0 ANNUAL      AREA3             5
       606787.8      4200808.22      144532.8459       75.35       75.35         0 ANNUAL      AREA3             5
       606807.8      4200808.22      129919.5236       75.71       75.71         0 ANNUAL      AREA3             5
       606827.8      4200808.22      117918.5764       76.06       76.06         0 ANNUAL      AREA3             5
       606847.8      4200808.22      107817.4147          76          76         0 ANNUAL      AREA3             5
       606867.8      4200808.22      99211.71167       75.55       75.55         0 ANNUAL      AREA3             5
       606887.8      4200808.22      91866.24705       75.33       75.33         0 ANNUAL      AREA3             5
       606907.8      4200808.22      85466.45737       74.86       74.86         0 ANNUAL      AREA3             5
       606927.8      4200808.22      79890.25681       74.69       74.69         0 ANNUAL      AREA3             5
       606947.8      4200808.22      74967.92316        74.6        74.6         0 ANNUAL      AREA3             5
       606767.8      4200828.22      155309.5667       72.81       76.73         0 ANNUAL      AREA3             5
       606787.8      4200828.22         140336.6        76.7        76.7         0 ANNUAL      AREA3             5
       606807.8      4200828.22      126036.0946       76.13       76.13         0 ANNUAL      AREA3             5
       606827.8      4200828.22      114396.0238       75.64       75.64         0 ANNUAL      AREA3             5
       606847.8      4200828.22      104780.2993       75.57       75.57         0 ANNUAL      AREA3             5
       606867.8      4200828.22      96634.10726       75.59       75.59         0 ANNUAL      AREA3             5
       606887.8      4200828.22      89601.82619        75.4        75.4         0 ANNUAL      AREA3             5
       606907.8      4200828.22      83469.99993       75.02       75.02         0 ANNUAL      AREA3             5
       606927.8      4200828.22      78101.12581       74.76       74.76         0 ANNUAL      AREA3             5
       606947.8      4200828.22      73360.72938       74.64       74.64         0 ANNUAL      AREA3             5
       606967.8      4200828.22      69128.02533       74.44       74.44         0 ANNUAL      AREA3             5
       606987.8      4200828.22      65328.63306       74.23       74.23         0 ANNUAL      AREA3             5
       606747.8      4200848.22      161980.7128       68.27       76.73         0 ANNUAL      AREA3             5
       606767.8      4200848.22      147197.3767       72.08       76.73         0 ANNUAL      AREA3             5
       606787.8      4200848.22      133908.0436       75.92       75.92         0 ANNUAL      AREA3             5
       606807.8      4200848.22      120945.0068       75.67       75.67         0 ANNUAL      AREA3             5
       606827.8      4200848.22      110265.7756       75.54       75.54         0 ANNUAL      AREA3             5
       606847.8      4200848.22      101293.5131       75.47       75.47         0 ANNUAL      AREA3             5
       606867.8      4200848.22      93645.49235       75.48       75.48         0 ANNUAL      AREA3             5
       606887.8      4200848.22      87017.45345       75.34       75.34         0 ANNUAL      AREA3             5
       606907.8      4200848.22      81223.29463       75.11       75.11         0 ANNUAL      AREA3             5
       606927.8      4200848.22      76116.92934       74.84       74.84         0 ANNUAL      AREA3             5
       606947.8      4200848.22      71589.55421       74.64       74.64         0 ANNUAL      AREA3             5
       606967.8      4200848.22      67542.69697       74.44       74.44         0 ANNUAL      AREA3             5
       606987.8      4200848.22      63902.86705       74.24       74.24         0 ANNUAL      AREA3             5
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*   AERMOD ( 1919   1): C:\Users\ap   atel\Desktop   \HRA 3\RANCH   HRA3\RA   NCH HRA   3.isc                 12/17/      19
*   AERMET ( 1413   4):                                                                                       10:58      37
*   MODELING OPTI   ONS USED:   Reg   DFAULT  CONC   ELEV  URBAN
*   PLOT            FILE OF ANNUAL    VALUES AVERA   GED ACROSS     5 YEARS   FOR SO    URCE GRO   UP: ROAD1
*   FOR A           TOTAL OF  1667    RECEPTORS.
*   FORMA           T: (3(1X,F13.5)   ,3(1X,F8.2),   2X,A6,2X,A8,2  X,I8.8,   2X,A8)
*   X               Y                 AVERAGE CONC   ZELEV          ZHILL     ZFLAG     AVE        GRP        NUM YRS   NET ID
*   ____________    ____________      ____________   ______  _      _____     ______    ______     ________   ________  ________
      606771.32      4200808.57        0.08488       70.52       76.73         0 ANNUAL      ROAD1             5
       606787.8      4200808.22        0.08645       75.35       75.35         0 ANNUAL      ROAD1             5
       606807.8      4200808.22        0.09263       75.71       75.71         0 ANNUAL      ROAD1             5
       606827.8      4200808.22        0.09855       76.06       76.06         0 ANNUAL      ROAD1             5
       606847.8      4200808.22        0.10527          76          76         0 ANNUAL      ROAD1             5
       606867.8      4200808.22        0.11284       75.55       75.55         0 ANNUAL      ROAD1             5
       606887.8      4200808.22        0.12011       75.33       75.33         0 ANNUAL      ROAD1             5
       606907.8      4200808.22        0.12864       74.86       74.86         0 ANNUAL      ROAD1             5
       606927.8      4200808.22        0.13855       74.69       74.69         0 ANNUAL      ROAD1             5
       606947.8      4200808.22        0.14935        74.6        74.6         0 ANNUAL      ROAD1             5
       606767.8      4200828.22        0.07943       72.81       76.73         0 ANNUAL      ROAD1             5
       606787.8      4200828.22        0.08291        76.7        76.7         0 ANNUAL      ROAD1             5
       606807.8      4200828.22        0.08872       76.13       76.13         0 ANNUAL      ROAD1             5
       606827.8      4200828.22        0.09503       75.64       75.64         0 ANNUAL      ROAD1             5
       606847.8      4200828.22        0.10165       75.57       75.57         0 ANNUAL      ROAD1             5
       606867.8      4200828.22        0.10898       75.59       75.59         0 ANNUAL      ROAD1             5
       606887.8      4200828.22        0.11633        75.4        75.4         0 ANNUAL      ROAD1             5
       606907.8      4200828.22        0.12471       75.02       75.02         0 ANNUAL      ROAD1             5
       606927.8      4200828.22        0.13491       74.76       74.76         0 ANNUAL      ROAD1             5
       606947.8      4200828.22        0.14597       74.64       74.64         0 ANNUAL      ROAD1             5
       606967.8      4200828.22        0.15835       74.44       74.44         0 ANNUAL      ROAD1             5
       606987.8      4200828.22         0.1721       74.23       74.23         0 ANNUAL      ROAD1             5
       606747.8      4200848.22        0.07322       68.27       76.73         0 ANNUAL      ROAD1             5
       606767.8      4200848.22        0.07637       72.08       76.73         0 ANNUAL      ROAD1             5
       606787.8      4200848.22        0.07951       75.92       75.92         0 ANNUAL      ROAD1             5
       606807.8      4200848.22        0.08497       75.67       75.67         0 ANNUAL      ROAD1             5
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*   AERMOD ( 1919   1): C:\Users\ap   atel\Desktop   \HRA 3\RANCH   HRA3\RA   NCH HRA   3.isc                 12/17/      19
*   AERMET ( 1413   4):                                                                                       10:58      37
*   MODELING OPTI   ONS USED:   Reg   DFAULT  CONC   ELEV  URBAN
*   PLOT            FILE OF ANNUAL    VALUES AVERA   GED ACROSS     5 YEARS   FOR SO    URCE GRO   UP: ROAD2
*   FOR A           TOTAL OF  1667    RECEPTORS.
*   FORMA           T: (3(1X,F13.5)   ,3(1X,F8.2),   2X,A6,2X,A8,2  X,I8.8,   2X,A8)
*   X               Y                 AVERAGE CONC   ZELEV          ZHILL     ZFLAG     AVE        GRP        NUM YRS   NET ID
*   ____________    ____________      ____________   ______  _      _____     ______    ______     ________   ________  ________
      606771.32      4200808.57        0.08498       70.52       76.73         0 ANNUAL      ROAD2             5
       606787.8      4200808.22        0.08689       75.35       75.35         0 ANNUAL      ROAD2             5
       606807.8      4200808.22        0.09273       75.71       75.71         0 ANNUAL      ROAD2             5
       606827.8      4200808.22        0.09846       76.06       76.06         0 ANNUAL      ROAD2             5
       606847.8      4200808.22        0.10493          76          76         0 ANNUAL      ROAD2             5
       606867.8      4200808.22        0.11219       75.55       75.55         0 ANNUAL      ROAD2             5
       606887.8      4200808.22         0.1193       75.33       75.33         0 ANNUAL      ROAD2             5
       606907.8      4200808.22        0.12706       74.86       74.86         0 ANNUAL      ROAD2             5
       606927.8      4200808.22        0.13642       74.69       74.69         0 ANNUAL      ROAD2             5
       606947.8      4200808.22        0.14655        74.6        74.6         0 ANNUAL      ROAD2             5
       606767.8      4200828.22        0.08004       72.81       76.73         0 ANNUAL      ROAD2             5
       606787.8      4200828.22        0.08356        76.7        76.7         0 ANNUAL      ROAD2             5
       606807.8      4200828.22        0.08925       76.13       76.13         0 ANNUAL      ROAD2             5
       606827.8      4200828.22         0.0954       75.64       75.64         0 ANNUAL      ROAD2             5
       606847.8      4200828.22        0.10182       75.57       75.57         0 ANNUAL      ROAD2             5
       606867.8      4200828.22        0.10885       75.59       75.59         0 ANNUAL      ROAD2             5
       606887.8      4200828.22        0.11618        75.4        75.4         0 ANNUAL      ROAD2             5
       606907.8      4200828.22        0.12391       75.02       75.02         0 ANNUAL      ROAD2             5
       606927.8      4200828.22        0.13348       74.76       74.76         0 ANNUAL      ROAD2             5
       606947.8      4200828.22        0.14392       74.64       74.64         0 ANNUAL      ROAD2             5
       606967.8      4200828.22         0.1555       74.44       74.44         0 ANNUAL      ROAD2             5
       606987.8      4200828.22        0.16843       74.23       74.23         0 ANNUAL      ROAD2             5
       606747.8      4200848.22        0.07409       68.27       76.73         0 ANNUAL      ROAD2             5
       606767.8      4200848.22         0.0772       72.08       76.73         0 ANNUAL      ROAD2             5
       606787.8      4200848.22        0.08048       75.92       75.92         0 ANNUAL      ROAD2             5
       606807.8      4200848.22        0.08588       75.67       75.67         0 ANNUAL      ROAD2             5
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*   AERMOD ( 1919   1): C:\Users\a   patel\Desktop
*   AERMET ( 1413   4):
*   MODELING OPTI   ONS USED:   Re   gDFAULT  CONC
*   PLOT            FILE OF ANNUAL   VALUES AVERA
*   FOR A           TOTAL OF  166    7 RECEPTORS.
*   FORMA           T: (3(1X,F13.5   ),3(1X,F8.2),
*   X               Y                AVERAGE CONC
*   ____________    ____________     ____________
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       606787.8      4200808.22        0.04598
       606807.8      4200808.22        0.04694
       606827.8      4200808.22        0.04723
       606847.8      4200808.22        0.04756
       606867.8      4200808.22        0.04773
       606887.8      4200808.22        0.04774
       606907.8      4200808.22        0.04822
       606927.8      4200808.22        0.04848
       606947.8      4200808.22        0.04867
       606767.8      4200828.22        0.04887
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       606807.8      4200828.22        0.05015
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       606887.8      4200828.22        0.05164
       606907.8      4200828.22        0.05224
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       606947.8      4200828.22        0.05313
       606967.8      4200828.22        0.05344
       606987.8      4200828.22        0.05365
       606747.8      4200848.22        0.05153
       606767.8      4200848.22        0.05195
       606787.8      4200848.22        0.05277
       606807.8      4200848.22        0.05356
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606947.8	4201188.22	42437.13792	74.61	74.61	0 ANNUAL	AREA3	5
606967.8	4201188.22	41194.68725	74.42	74.42	0 ANNUAL	AREA3	5
606987.8	4201188.22	39992.56034	74.22	74.22	0 ANNUAL	AREA3	5
607007.8	4201188.22	38830.92682	74.03	74.03	0 ANNUAL	AREA3	5
607027.8	4201188.22	37707.06964	73.78	73.78	0 ANNUAL	AREA3	5
607047.8	4201188.22	36621.85026	73.52	73.52	0 ANNUAL	AREA3	5
607067.8	4201188.22	35576.75309	73.32	73.32	0 ANNUAL	AREA3	5
607087.8	4201188.22	34569.00065	73.12	73.12	0 ANNUAL	AREA3	5
607107.8	4201188.22	33597.55398	72.91	72.91	0 ANNUAL	AREA3	5
607127.8	4201188.22	32662.97048	72.74	72.74	0 ANNUAL	AREA3	5
607147.8	4201188.22	31761.21465	72.48	72.48	0 ANNUAL	AREA3	5
607167.8	4201188.22	30894.12683	72.24	72.24	0 ANNUAL	AREA3	5
607187.8	4201188.22	30061.28311	72.04	72.04	0 ANNUAL	AREA3	5
607207.8	4201188.22	29261.09104	71.85	71.85	0 ANNUAL	AREA3	5
607227.8	4201188.22	28492.03289	71.65	71.65	0 ANNUAL	AREA3	5
607247.8	4201188.22	27754.05043	71.49	71.49	0 ANNUAL	AREA3	5
607267.8	4201188.22	27045.44724	71.34	71.34	0 ANNUAL	AREA3	5
607287.8	4201188.22	26363.91913	71.14	71.14	0 ANNUAL	AREA3	5
607307.8	4201188.22	25708.95699	70.91	70.91	0 ANNUAL	AREA3	5
606527.8	4201208.22	66899.30271	78.74	78.74	0 ANNUAL	AREA3	5
606547.8	4201208.22	65863.11821	78.6	78.6	0 ANNUAL	AREA3	5
606567.8	4201208.22	64822.58384	78.52	78.52	0 ANNUAL	AREA3	5
606587.8	4201208.22	63757.4179	78.41	78.41	0 ANNUAL	AREA3	5
606607.8	4201208.22	62682.8944	78.3	78.3	0 ANNUAL	AREA3	5
606627.8	4201208.22	61572.81285	78.14	78.14	0 ANNUAL	AREA3	5
606647.8	4201208.22	60438.06775	77.94	77.94	0 ANNUAL	AREA3	5
606667.8	4201208.22	59257.08042	77.61	77.61	0 ANNUAL	AREA3	5
606687.8	4201208.22	58040.95178	77.37	77.37	0 ANNUAL	AREA3	5
606707.8	4201208.22	56787.57189	77.16	77.16	0 ANNUAL	AREA3	5
606727.8	4201208.22	55491.84912	76.85	76.85	0 ANNUAL	AREA3	5
606747.8	4201208.22	54172.99553	76.64	76.64	0 ANNUAL	AREA3	5
606767.8	4201208.22	52828.86909	76.4	76.4	0 ANNUAL	AREA3	5
606787.8	4201208.22	51475.02324	76.21	76.21	0 ANNUAL	AREA3	5
606807.8	4201208.22	50113.17756	75.94	75.94	0 ANNUAL	AREA3	5
606827.8	4201208.22	48759.79381	75.73	75.73	0 ANNUAL	AREA3	5
606847.8	4201208.22	47420.30381	75.51	75.51	0 ANNUAL	AREA3	5
606867.8	4201208.22	46106.56685	75.39	75.39	0 ANNUAL	AREA3	5
606887.8	4201208.22	44817.58965	75.23	75.23	0 ANNUAL	AREA3	5
606907.8	4201208.22	43555.73187	74.98	74.98	0 ANNUAL	AREA3	5
606927.8	4201208.22	42327.60955	74.73	74.73	0 ANNUAL	AREA3	5
606947.8	4201208.22	41136.78968	74.54	74.54	0 ANNUAL	AREA3	5
606967.8	4201208.22	39981.13677	74.34	74.34	0 ANNUAL	AREA3	5
606987.8	4201208.22	38860.743	74.13	74.13	0 ANNUAL	AREA3	5
607007.8	4201208.22	37776.10999	73.93	73.93	0 ANNUAL	AREA3	5
607027.8	4201208.22	36722.48929	73.61	73.61	0 ANNUAL	AREA3	5
607047.8	4201208.22	35706.98688	73.41	73.41	0 ANNUAL	AREA3	5
607067.8	4201208.22	34724.24897	73.18	73.18	0 ANNUAL	AREA3	5
607087.8	4201208.22	33774.1134	72.94	72.94	0 ANNUAL	AREA3	5
607107.8	4201208.22	32859.4415	72.82	72.82	0 ANNUAL	AREA3	5
607127.8	4201208.22	31974.44058	72.63	72.63	0 ANNUAL	AREA3	5
607147.8	4201208.22	31120.52495	72.44	72.44	0 ANNUAL	AREA3	5
607167.8	4201208.22	30296.53512	72.24	72.24	0 ANNUAL	AREA3	5
607187.8	4201208.22	29501.93939	72.03	72.03	0 ANNUAL	AREA3	5
607207.8	4201208.22	28735.17984	71.77	71.77	0 ANNUAL	AREA3	5
607227.8	4201208.22	27998.71049	71.6	71.6	0 ANNUAL	AREA3	5
607247.8	4201208.22	27289.3693	71.42	71.42	0 ANNUAL	AREA3	5
607267.8	4201208.22	26608.86148	71.35	71.35	0 ANNUAL	AREA3	5
607287.8	4201208.22	25951.20829	71.14	71.14	0 ANNUAL	AREA3	5
607307.8	4201208.22	25318.75465	70.94	70.94	0 ANNUAL	AREA3	5
606527.8	4201228.22	63630.31668	78.86	78.86	0 ANNUAL	AREA3	5
606547.8	4201228.22	62663.3302	78.74	78.74	0 ANNUAL	AREA3	5
606567.8	4201228.22	61688.25015	78.59	78.59	0 ANNUAL	AREA3	5
606587.8	4201228.22	60698.33136	78.55	78.55	0 ANNUAL	AREA3	5
606607.8	4201228.22	59694.56575	78.37	78.37	0 ANNUAL	AREA3	5
606627.8	4201228.22	58664.37526	78.2	78.2	0 ANNUAL	AREA3	5
606647.8	4201228.22	57612.07841	77.92	77.92	0 ANNUAL	AREA3	5
606667.8	4201228.22	56527.79625	77.63	77.63	0 ANNUAL	AREA3	5
606687.8	4201228.22	55415.99757	77.44	77.44	0 ANNUAL	AREA3	5
606707.8	4201228.22	54271.74434	77.24	77.24	0 ANNUAL	AREA3	5
606727.8	4201228.22	53093.59797	76.99	76.99	0 ANNUAL	AREA3	5
606747.8	4201228.22	51889.18128	76.71	76.71	0 ANNUAL	AREA3	5
606767.8	4201228.22	50663.1852	76.44	76.44	0 ANNUAL	AREA3	5
606787.8	4201228.22	49425.13884	76.18	76.18	0 ANNUAL	AREA3	5
606807.8	4201228.22	48178.97448	75.88	75.88	0 ANNUAL	AREA3	5
606827.8	4201228.22	46937.65273	75.64	75.64	0 ANNUAL	AREA3	5
606847.8	4201228.22	45707.69694	75.44	75.44	0 ANNUAL	AREA3	5
606867.8	4201228.22	44493.17222	75.22	75.22	0 ANNUAL	AREA3	5
606887.8	4201228.22	43296.56907	74.91	74.91	0 ANNUAL	AREA3	5
606907.8	4201228.22	42137.43891	74.9	74.9	0 ANNUAL	AREA3	5
606927.8	4201228.22	41000.31392	74.73	74.73	0 ANNUAL	AREA3	5
606947.8	4201228.22	39890.87675	74.49	74.49	0 ANNUAL	AREA3	5
606967.8	4201228.22	38812.01945	74.23	74.23	0 ANNUAL	AREA3	5
606987.8	4201228.22	37766.99298	74.04	74.04	0 ANNUAL	AREA3	5
607007.8	4201228.22	36750.84139	73.77	73.77	0 ANNUAL	AREA3	5
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607047.8	4201228.22	34810.9962	73.23	73.23	0 ANNUAL	AREA3	5
607067.8	4201228.22	33888.34348	73.03	73.03	0 ANNUAL	AREA3	5
607087.8	4201228.22	32994.92108	72.84	72.84	0 ANNUAL	AREA3	5
607107.8	4201228.22	32132.09283	72.73	72.73	0 ANNUAL	AREA3	5
607127.8	4201228.22	31294.32096	72.51	72.51	0 ANNUAL	AREA3	5
607147.8	4201228.22	30487.25819	72.42	72.42	0 ANNUAL	AREA3	5
607167.8	4201228.22	29702.56869	72.15	72.15	0 ANNUAL	AREA3	5
607187.8	4201228.22	28945.99577	71.95	71.95	0 ANNUAL	AREA3	5
607207.8	4201228.22	28214.13429	71.7	71.7	0 ANNUAL	AREA3	5
607227.8	4201228.22	27509.56449	71.54	71.54	0 ANNUAL	AREA3	5
607247.8	4201228.22	26828.78729	71.34	71.34	0 ANNUAL	AREA3	5
607267.8	4201228.22	26174.0183	71.23	71.23	0 ANNUAL	AREA3	5
607287.8	4201228.22	25542.6279	71.12	71.12	0 ANNUAL	AREA3	5
607307.8	4201228.22	24932.68364	70.94	70.94	0 ANNUAL	AREA3	5
606527.8	4201248.22	60639.91143	79.03	79.03	0 ANNUAL	AREA3	5
606547.8	4201248.22	59733.99603	78.85	78.85	0 ANNUAL	AREA3	5
606567.8	4201248.22	58820.23509	78.65	78.65	0 ANNUAL	AREA3	5
606587.8	4201248.22	57892.78291	78.53	78.53	0 ANNUAL	AREA3	5
606607.8	4201248.22	56959.06843	78.41	78.41	0 ANNUAL	AREA3	5
606627.8	4201248.22	55996.2203	78.13	78.13	0 ANNUAL	AREA3	5
606647.8	4201248.22	55021.18315	77.87	77.87	0 ANNUAL	AREA3	5
606667.8	4201248.22	54025.33772	77.71	77.71	0 ANNUAL	AREA3	5
606687.8	4201248.22	53002.94841	77.54	77.54	0 ANNUAL	AREA3	5
606707.8	4201248.22	51947.12464	77.21	77.21	0 ANNUAL	AREA3	5
606727.8	4201248.22	50869.84039	77	77	0 ANNUAL	AREA3	5
606747.8	4201248.22	49768.68817	76.73	76.73	0 ANNUAL	AREA3	5
606767.8	4201248.22	48644.2752	76.4	76.4	0 ANNUAL	AREA3	5
606787.8	4201248.22	47514.24511	76.21	76.21	0 ANNUAL	AREA3	5
606807.8	4201248.22	46368.97177	75.85	75.85	0 ANNUAL	AREA3	5
606827.8	4201248.22	45228.00435	75.6	75.6	0 ANNUAL	AREA3	5
606847.8	4201248.22	44093.83007	75.37	75.37	0 ANNUAL	AREA3	5
606867.8	4201248.22	42974.28077	75.2	75.2	0 ANNUAL	AREA3	5
606887.8	4201248.22	41868.09205	74.94	74.94	0 ANNUAL	AREA3	5
606907.8	4201248.22	40785.38232	74.74	74.74	0 ANNUAL	AREA3	5
606927.8	4201248.22	39726.07358	74.52	74.52	0 ANNUAL	AREA3	5
606947.8	4201248.22	38696.72389	74.41	74.41	0 ANNUAL	AREA3	5
606967.8	4201248.22	37692.12357	74.23	74.23	0 ANNUAL	AREA3	5
606987.8	4201248.22	36713.90946	74.01	74.01	0 ANNUAL	AREA3	5
607007.8	4201248.22	35759.22588	73.64	73.64	0 ANNUAL	AREA3	5
607027.8	4201248.22	34832.42907	73.27	73.27	0 ANNUAL	AREA3	5
607047.8	4201248.22	33937.47303	73.05	73.05	0 ANNUAL	AREA3	5
607067.8	4201248.22	33071.32487	72.91	72.91	0 ANNUAL	AREA3	5
607087.8	4201248.22	32229.44014	72.71	72.71	0 ANNUAL	AREA3	5
607107.8	4201248.22	31414.85787	72.58	72.58	0 ANNUAL	AREA3	5
607127.8	4201248.22	30623.2185	72.38	72.38	0 ANNUAL	AREA3	5
607147.8	4201248.22	29856.52695	72.2	72.2	0 ANNUAL	AREA3	5
607167.8	4201248.22	29114.66282	72.06	72.06	0 ANNUAL	AREA3	5
607187.8	4201248.22	28394.82085	71.86	71.86	0 ANNUAL	AREA3	5
607207.8	4201248.22	27697.66138	71.64	71.64	0 ANNUAL	AREA3	5
607227.8	4201248.22	27024.4462	71.48	71.48	0 ANNUAL	AREA3	5
607247.8	4201248.22	26373.7891	71.34	71.34	0 ANNUAL	AREA3	5
607267.8	4201248.22	25743.61222	71.14	71.14	0 ANNUAL	AREA3	5
607287.8	4201248.22	25136.98998	71.05	71.05	0 ANNUAL	AREA3	5
607307.8	4201248.22	24549.94405	70.91	70.91	0 ANNUAL	AREA3	5
606527.8	4201268.22	57888.05394	79.16	79.16	0 ANNUAL	AREA3	5
606547.8	4201268.22	57040.30246	78.95	78.95	0 ANNUAL	AREA3	5
606567.8	4201268.22	56185.07133	78.73	78.73	0 ANNUAL	AREA3	5
606587.8	4201268.22	55315.89912	78.54	78.54	0 ANNUAL	AREA3	5
606607.8	4201268.22	54439.20148	78.3	78.3	0 ANNUAL	AREA3	5
606627.8	4201268.22	53545.49811	78.11	78.11	0 ANNUAL	AREA3	5
606647.8	4201268.22	52640.41397	77.89	77.89	0 ANNUAL	AREA3	5
606667.8	4201268.22	51717.13405	77.72	77.72	0 ANNUAL	AREA3	5
606687.8	4201268.22	50765.48468	77.38	77.38	0 ANNUAL	AREA3	5
606707.8	4201268.22	49797.21152	77.17	77.17	0 ANNUAL	AREA3	5
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606747.8	4201268.22	47787.54965	76.52	76.52	0 ANNUAL	AREA3	5
606767.8	4201268.22	46766.39471	76.43	76.43	0 ANNUAL	AREA3	5
606787.8	4201268.22	45727.19952	76.24	76.24	0 ANNUAL	AREA3	5
606807.8	4201268.22	44675.18356	75.91	75.91	0 ANNUAL	AREA3	5
606827.8	4201268.22	43623.51489	75.65	75.65	0 ANNUAL	AREA3	5
606847.8	4201268.22	42575.86953	75.41	75.41	0 ANNUAL	AREA3	5
606867.8	4201268.22	41537.66857	75.19	75.19	0 ANNUAL	AREA3	5
606887.8	4201268.22	40512.06391	74.95	74.95	0 ANNUAL	AREA3	5
606907.8	4201268.22	39504.88463	74.74	74.74	0 ANNUAL	AREA3	5
606927.8	4201268.22	38518.29685	74.54	74.54	0 ANNUAL	AREA3	5
606947.8	4201268.22	37554.2457	74.34	74.34	0 ANNUAL	AREA3	5
606967.8	4201268.22	36614.11027	74.14	74.14	0 ANNUAL	AREA3	5
606987.8	4201268.22	35697.2852	73.9	73.9	0 ANNUAL	AREA3	5
607007.8	4201268.22	34800.31664	73.49	73.49	0 ANNUAL	AREA3	5
607027.8	4201268.22	33930.08316	73.13	73.13	0 ANNUAL	AREA3	5
607047.8	4201268.22	33089.72181	72.95	72.95	0 ANNUAL	AREA3	5
607067.8	4201268.22	32271.60541	72.71	72.71	0 ANNUAL	AREA3	5
607087.8	4201268.22	31480.43791	72.6	72.6	0 ANNUAL	AREA3	5
607107.8	4201268.22	30711.78514	72.48	72.48	0 ANNUAL	AREA3	5
607127.8	4201268.22	29962.48147	72.25	72.25	0 ANNUAL	AREA3	5
607147.8	4201268.22	29232.61732	71.92	71.92	0 ANNUAL	AREA3	5
607167.8	4201268.22	28531.80552	71.9	71.9	0 ANNUAL	AREA3	5
607187.8	4201268.22	27849.15478	71.77	71.77	0 ANNUAL	AREA3	5
607207.8	4201268.22	27184.45247	71.52	71.52	0 ANNUAL	AREA3	5
607227.8	4201268.22	26540.85957	71.31	71.31	0 ANNUAL	AREA3	5
607247.8	4201268.22	25919.76289	71.22	71.22	0 ANNUAL	AREA3	5
607267.8	4201268.22	25315.65215	71.01	71.01	0 ANNUAL	AREA3	5

607147.8	4201088.22	0.15643	72.54	72.54	0 ANNUAL	ROAD1	5
607167.8	4201088.22	0.18307	72.34	72.34	0 ANNUAL	ROAD1	5
607187.8	4201088.22	0.21821	72.14	72.14	0 ANNUAL	ROAD1	5
607207.8	4201088.22	0.2661	71.94	71.94	0 ANNUAL	ROAD1	5
607227.8	4201088.22	0.33423	71.74	71.74	0 ANNUAL	ROAD1	5
607247.8	4201088.22	0.43751	71.54	71.54	0 ANNUAL	ROAD1	5
607267.8	4201088.22	0.61001	71.34	71.34	0 ANNUAL	ROAD1	5
607287.8	4201088.22	0.94341	71.14	71.14	0 ANNUAL	ROAD1	5
607307.8	4201088.22	1.71503	70.94	70.94	0 ANNUAL	ROAD1	5
606527.8	4201108.22	0.01831	77.96	77.96	0 ANNUAL	ROAD1	5
606547.8	4201108.22	0.01892	77.91	77.91	0 ANNUAL	ROAD1	5
606567.8	4201108.22	0.01959	77.78	77.78	0 ANNUAL	ROAD1	5
606587.8	4201108.22	0.02029	77.7	77.7	0 ANNUAL	ROAD1	5
606607.8	4201108.22	0.02105	77.57	77.57	0 ANNUAL	ROAD1	5
606627.8	4201108.22	0.02185	77.48	77.48	0 ANNUAL	ROAD1	5
606647.8	4201108.22	0.02267	77.49	77.49	0 ANNUAL	ROAD1	5
606667.8	4201108.22	0.02358	77.42	77.42	0 ANNUAL	ROAD1	5
606687.8	4201108.22	0.02456	77.34	77.34	0 ANNUAL	ROAD1	5
606707.8	4201108.22	0.02565	77.17	77.17	0 ANNUAL	ROAD1	5
606727.8	4201108.22	0.0268	77.07	77.07	0 ANNUAL	ROAD1	5
606747.8	4201108.22	0.02807	76.89	76.89	0 ANNUAL	ROAD1	5
606767.8	4201108.22	0.0295	76.6	76.6	0 ANNUAL	ROAD1	5
606787.8	4201108.22	0.03101	76.42	76.42	0 ANNUAL	ROAD1	5
606807.8	4201108.22	0.03267	76.21	76.21	0 ANNUAL	ROAD1	5
606827.8	4201108.22	0.03451	75.96	75.96	0 ANNUAL	ROAD1	5
606847.8	4201108.22	0.03651	75.74	75.74	0 ANNUAL	ROAD1	5
606867.8	4201108.22	0.03874	75.57	75.57	0 ANNUAL	ROAD1	5
606887.8	4201108.22	0.04175	75.4	75.4	0 ANNUAL	ROAD1	5
606907.8	4201108.22	0.04477	75.17	75.17	0 ANNUAL	ROAD1	5
606927.8	4201108.22	0.04807	74.95	74.95	0 ANNUAL	ROAD1	5
606947.8	4201108.22	0.05156	74.77	74.77	0 ANNUAL	ROAD1	5
606967.8	4201108.22	0.05544	74.6	74.6	0 ANNUAL	ROAD1	5
606987.8	4201108.22	0.05982	74.44	74.44	0 ANNUAL	ROAD1	5
607007.8	4201108.22	0.06482	74.24	74.24	0 ANNUAL	ROAD1	5
607027.8	4201108.22	0.07057	74.04	74.04	0 ANNUAL	ROAD1	5
607047.8	4201108.22	0.07729	73.81	73.81	0 ANNUAL	ROAD1	5
607067.8	4201108.22	0.08518	73.54	73.54	0 ANNUAL	ROAD1	5
607087.8	4201108.22	0.09451	73.3	73.3	0 ANNUAL	ROAD1	5
607107.8	4201108.22	0.10581	73.04	73.04	0 ANNUAL	ROAD1	5
607127.8	4201108.22	0.11959	72.8	72.8	0 ANNUAL	ROAD1	5
607147.8	4201108.22	0.13673	72.54	72.54	0 ANNUAL	ROAD1	5
607167.8	4201108.22	0.15807	72.34	72.34	0 ANNUAL	ROAD1	5
607187.8	4201108.22	0.18544	72.14	72.14	0 ANNUAL	ROAD1	5
607207.8	4201108.22	0.2214	71.94	71.94	0 ANNUAL	ROAD1	5
607227.8	4201108.22	0.27029	71.74	71.74	0 ANNUAL	ROAD1	5
607247.8	4201108.22	0.34025	71.54	71.54	0 ANNUAL	ROAD1	5
607267.8	4201108.22	0.44835	71.34	71.34	0 ANNUAL	ROAD1	5
607287.8	4201108.22	0.63381	71.14	71.14	0 ANNUAL	ROAD1	5
607307.8	4201108.22	0.97654	70.94	70.94	0 ANNUAL	ROAD1	5
606527.8	4201128.22	0.01744	78.24	78.24	0 ANNUAL	ROAD1	5
606547.8	4201128.22	0.01803	78.07	78.07	0 ANNUAL	ROAD1	5
606567.8	4201128.22	0.01865	77.94	77.94	0 ANNUAL	ROAD1	5
606587.8	4201128.22	0.01929	77.89	77.89	0 ANNUAL	ROAD1	5
606607.8	4201128.22	0.02	77.77	77.77	0 ANNUAL	ROAD1	5
606627.8	4201128.22	0.02075	77.65	77.65	0 ANNUAL	ROAD1	5
606647.8	4201128.22	0.02151	77.65	77.65	0 ANNUAL	ROAD1	5
606667.8	4201128.22	0.02237	77.53	77.53	0 ANNUAL	ROAD1	5
606687.8	4201128.22	0.02331	77.34	77.34	0 ANNUAL	ROAD1	5
606707.8	4201128.22	0.02433	77.15	77.15	0 ANNUAL	ROAD1	5
606727.8	4201128.22	0.0254	77.02	77.02	0 ANNUAL	ROAD1	5
606747.8	4201128.22	0.02659	76.81	76.81	0 ANNUAL	ROAD1	5
606767.8	4201128.22	0.0279	76.54	76.54	0 ANNUAL	ROAD1	5
606787.8	4201128.22	0.02927	76.38	76.38	0 ANNUAL	ROAD1	5
606807.8	4201128.22	0.03076	76.24	76.24	0 ANNUAL	ROAD1	5
606827.8	4201128.22	0.03242	76.04	76.04	0 ANNUAL	ROAD1	5
606847.8	4201128.22	0.03429	75.76	75.76	0 ANNUAL	ROAD1	5
606867.8	4201128.22	0.03627	75.59	75.59	0 ANNUAL	ROAD1	5
606887.8	4201128.22	0.03913	75.38	75.38	0 ANNUAL	ROAD1	5
606907.8	4201128.22	0.04175	75.24	75.24	0 ANNUAL	ROAD1	5
606927.8	4201128.22	0.04471	75.04	75.04	0 ANNUAL	ROAD1	5
606947.8	4201128.22	0.04794	74.84	74.84	0 ANNUAL	ROAD1	5
606967.8	4201128.22	0.05147	74.64	74.64	0 ANNUAL	ROAD1	5
606987.8	4201128.22	0.05542	74.43	74.43	0 ANNUAL	ROAD1	5
607007.8	4201128.22	0.05987	74.23	74.23	0 ANNUAL	ROAD1	5
607027.8	4201128.22	0.06497	74.04	74.04	0 ANNUAL	ROAD1	5
607047.8	4201128.22	0.07093	73.79	73.79	0 ANNUAL	ROAD1	5
607067.8	4201128.22	0.07787	73.54	73.54	0 ANNUAL	ROAD1	5
607087.8	4201128.22	0.08614	73.24	73.24	0 ANNUAL	ROAD1	5
607107.8	4201128.22	0.09588	73.04	73.04	0 ANNUAL	ROAD1	5
607127.8	4201128.22	0.10777	72.79	72.79	0 ANNUAL	ROAD1	5
607147.8	4201128.22	0.12229	72.54	72.54	0 ANNUAL	ROAD1	5
607167.8	4201128.22	0.14003	72.34	72.34	0 ANNUAL	ROAD1	5
607187.8	4201128.22	0.16221	72.14	72.14	0 ANNUAL	ROAD1	5
607207.8	4201128.22	0.19045	71.94	71.94	0 ANNUAL	ROAD1	5
607227.8	4201128.22	0.22744	71.74	71.74	0 ANNUAL	ROAD1	5
607247.8	4201128.22	0.278	71.54	71.54	0 ANNUAL	ROAD1	5
607267.8	4201128.22	0.35113	71.34	71.34	0 ANNUAL	ROAD1	5
607287.8	4201128.22	0.46313	71.14	71.14	0 ANNUAL	ROAD1	5
607307.8	4201128.22	0.63308	70.93	70.93	0 ANNUAL	ROAD1	5
606527.8	4201148.22	0.01669	78.37	78.37	0 ANNUAL	ROAD1	5
606547.8	4201148.22	0.01724	78.21	78.21	0 ANNUAL	ROAD1	5
606567.8	4201148.22	0.01782	78.11	78.11	0 ANNUAL	ROAD1	5
606587.8	4201148.22	0.01844	77.99	77.99	0 ANNUAL	ROAD1	5
606607.8	4201148.22	0.01909	77.87	77.87	0 ANNUAL	ROAD1	5
606627.8	4201148.22	0.01976	77.87	77.87	0 ANNUAL	ROAD1	5
606647.8	4201148.22	0.02053	77.7	77.7	0 ANNUAL	ROAD1	5
606667.8	4201148.22	0.02134	77.54	77.54	0 ANNUAL	ROAD1	5
606687.8	4201148.22	0.02222	77.34	77.34	0 ANNUAL	ROAD1	5
606707.8	4201148.22	0.02317	77.14	77.14	0 ANNUAL	ROAD1	5
606727.8	4201148.22	0.02422	76.88	76.88	0 ANNUAL	ROAD1	5
606747.8	4201148.22	0.02531	76.71	76.71	0 ANNUAL	ROAD1	5
606767.8	4201148.22	0.02646	76.62	76.62	0 ANNUAL	ROAD1	5
606787.8	4201148.22	0.02776	76.4	76.4	0 ANNUAL	ROAD1	5
606807.8	4201148.22	0.02915	76.24	76.24	0 ANNUAL	ROAD1	5
606827.8	4201148.22	0.03069	76.04	76.04	0 ANNUAL	ROAD1	5
606847.8	4201148.22	0.03238	75.84	75.84	0 ANNUAL	ROAD1	5
606867.8	4201148.22	0.03427	75.59	75.59	0 ANNUAL	ROAD1	5
606887.8	4201148.22	0.03678	75.44	75.44	0 ANNUAL	ROAD1	5
606907.8	4201148.22	0.03935	75.24	75.24	0 ANNUAL	ROAD1	5
606927.8	4201148.22	0.04206	75.04	75.04	0 ANNUAL	ROAD1	5
606947.8	4201148.22	0.04503	74.82	74.82	0 ANNUAL	ROAD1	5
606967.8	4201148.22	0.04829	74.58	74.58	0 ANNUAL	ROAD1	5
606987.8	4201148.22	0.05189	74.34	74.34	0 ANNUAL	ROAD1	5
607007.8	4201148.22	0.05596	74.14	74.14	0 ANNUAL	ROAD1	5
607027.8	4201148.22	0.06056	73.97	73.97	0 ANNUAL	ROAD1	5
607047.8	4201148.22	0.06595	73.74	73.74	0 ANNUAL	ROAD1	5
607067.8	4201148.22	0.07219	73.52	73.52	0 ANNUAL	ROAD1	5
607087.8	4201148.22	0.07961	73.24	73.24	0 ANNUAL	ROAD1	5
607107.8	4201148.22	0.08838	73	73	0 ANNUAL	ROAD1	5
607127.8	4201148.22	0.0989	72.74	72.74	0 ANNUAL	ROAD1	5
607147.8	4201148.22	0.1114	72.54	72.54	0 ANNUAL	ROAD1	5
607167.8	4201148.22	0.12648	72.34	72.34	0 ANNUAL	ROAD1	5
607187.8	4201148.22	0.14487	72.14	72.14	0 ANNUAL	ROAD1	5
607207.8	4201148.22	0.16759	71.94	71.94	0 ANNUAL	ROAD1	5
607227.8	4201148.22	0.19633	71.74	71.74	0 ANNUAL	ROAD1	5
607247.8	4201148.22	0.23389	71.54	71.54	0 ANNUAL	ROAD1	5
607267.8	4201148.22	0.28468	71.34	71.34	0 ANNUAL	ROAD1	5
607287.8	4201148.22	0.3548	71.14	71.14	0 ANNUAL	ROAD1	5
607307.8	4201148.22	0.45058	70.84	70.84	0 ANNUAL	ROAD1	5
606527.8	4201168.22	0.01602	78.5	78.5	0 ANNUAL	ROAD1	5
606547.8	4201168.22	0.01653	78.37	78.37	0 ANNUAL	ROAD1	5
606567.8	4201168.22	0.01708	78.27	78.27	0 ANNUAL	ROAD1	5
606587.8	4201168.22	0.01766	78.14	78.14	0 ANNUAL	ROAD1	5
606607.8	4201168.22	0.01828	78.03	78.03	0 ANNUAL	ROAD1	5
606627.8	4201168.22	0.01892	77.98	77.98	0 ANNUAL	ROAD1	5
606647.8	4201168.22	0.01965	77.78	77.78	0 ANNUAL	ROAD1	5
606667.8	4201168.22	0.02043	77.57	77.57	0 ANNUAL	ROAD1	5
606687.8	4201168.22	0.02125	77.41	77.41	0 ANNUAL	ROAD1	5
606707.8	4201168.22	0.02217	77.1	77.1	0 ANNUAL	ROAD1	5
606727.8	4201168.22	0.02318	76.77	76.77	0 ANNUAL	ROAD1	5
606747.8	4201168.22	0.02421	76.6	76.6	0 ANNUAL	ROAD1	5
606767.8	4201168.22	0.02532	76.45	76.45	0 ANNUAL	ROAD1	5
606787.8	4201168.22	0.02651	76.31	76.31	0 ANNUAL	ROAD1	5
606807.8	4201168.22	0.02782	76.14	76.14	0 ANNUAL	ROAD1	5
606827.8	4201168.22	0.02923	76.02	76.02	0 ANNUAL	ROAD1	5
606847.8	4201168.22	0.03081	75.84	75.84	0 ANNUAL	ROAD1	5
606867.8	4201168.22	0.03258	75.59	75.59	0 ANNUAL	ROAD1	5
606887.8	4201168.22	0.03503	75.39	75.39	0 ANNUAL	ROAD1	5
606907.8	4201168.22	0.03742	75.17	75.17	0 ANNUAL	ROAD1	5
606927.8	4201168.22	0.04001	74.92	74.92	0 ANNUAL	ROAD1	5
606947.8	4201168.22	0.04267	74.74	74.74	0 ANNUAL	ROAD1	5
606967.8	4201168.22	0.04564	74.53	74.53	0 ANNUAL	ROAD1	5
606987.8	4201168.22	0.04897	74.32	74.32	0 ANNUAL	ROAD1	5
607007.8	4201168.22	0.05271	74.12	74.12	0 ANNUAL	ROAD1	5
607027.8	4201168.22	0.05699	73.93	73.93	0 ANNUAL	ROAD1	5
607047.8	4201168.22	0.06202	73.63	73.63	0 ANNUAL	ROAD1	5
607067.8	4201168.22	0.06776	73.42	73.42	0 ANNUAL	ROAD1	5
607087.8	4201168.22	0.07447	73.22	73.22	0 ANNUAL	ROAD1	5
607107.8	4201168.22	0.0825	72.93	72.93	0 ANNUAL	ROAD1	5
607127.8	4201168.22	0.09178	72.74	72.74	0 ANNUAL	ROAD1	5
607147.8	4201168.22	0.10274	72.54	72.54	0 ANNUAL	ROAD1	5
607167.8	4201168.22	0.11568	72.34	72.34	0 ANNUAL	ROAD1	5
607187.8	4201168.22	0.13111	72.12	72.12	0 ANNUAL	ROAD1	5
607207.8	4201168.22	0.14946	71.94	71.94	0 ANNUAL	ROAD1	5
607227.8	4201168.22	0.17198	71.74	71.74	0 ANNUAL	ROAD1	5
607247.8	4201168.22	0.20006	71.54	71.54	0 ANNUAL	ROAD1	5
607267.8	4201168.22	0.23573	71.34	71.34	0 ANNUAL	ROAD1	5
607287.8	4201168.22	0.28237	71.12	71.12	0 ANNUAL	ROAD1	5
607307.8	4201168.22	0.3424	70.84	70.84	0 ANNUAL	ROAD1	5
606527.8	4201188.22	0.01542	78.59	78.59	0 ANNUAL	ROAD1	5
606547.8	4201188.22	0.0159	78.52	78.52	0 ANNUAL	ROAD1	5
606567.8	4201188.22	0.01642	78.4	78.4	0 ANNUAL	ROAD1	5
606587.8	4201188.22	0.01697	78.27	78.27	0 ANNUAL	ROAD1	5
606607.8	4201188.22	0.01755	78.19	78.19	0 ANNUAL	ROAD1	5
606627.8	4201188.22	0.01817	78.08	78.08	0 ANNUAL	ROAD1	5
606647.8	4201188.22	0.01886	77.87	77.87	0 ANNUAL	ROAD1	5
606667.8	4201188.22	0.0196	77.66	77.66	0 ANNUAL	ROAD1	5
606687.8	4201188.22	0.02042	77.36	77.36	0 ANNUAL	ROAD1	5
606707.8	4201188.22	0.0213	77.06	77.06	0 ANNUAL	ROAD1	5
606727.8	4201188.22	0.02224	76.77	76.77	0 ANNUAL	ROAD1	5
606747.8	4201188.22	0.02323	76.55	76.55	0 ANNUAL	ROAD1	5
606767.8	4201188.22	0.02429	76.36	76.36	0 ANNUAL	ROAD1	5
606787.8	4201188.22	0.02544	76.19	76.19	0 ANNUAL	ROAD1	5
606807.8	4201188.22	0.02669	76.01	76.01	0 ANNUAL	ROAD1	5
606827.8	4201188.22	0.02803	75.89	75.89	0 ANNUAL	ROAD1	5
606847.8	4201188.22	0.02953	75.72	75.72	0 ANNUAL	ROAD1	5
606867.8	4201188.22	0.0312	75.57	75.57	0 ANNUAL	ROAD1	5
606887.8	4201188.22	0.03366	75.28	75.28	0 ANNUAL	ROAD1	5
606907.8	4201188.22	0.03586	75.04	75.04	0 ANNUAL	ROAD1	5
606927.8	4201188.22	0.03818	74.84	74.84	0 ANNUAL	ROAD1	5
606947.8	4201188.22	0.0407	74.61	74.61	0 ANNUAL	ROAD1	5
606967.8	4201188.22	0.04346	74.42	74.42	0 ANNUAL	ROAD1	5
606987.8	4201188.22	0.04657	74.22	74.22	0 ANNUAL	ROAD1	5
607007.8	4201188.22	0.05009	74.03	74.03	0 ANNUAL	ROAD1	5
607027.8	4201188.22	0.05415	73.78	73.78	0 ANNUAL	ROAD1	5
607047.8	4201188.22	0.05882	73.52	73.52	0 ANNUAL	ROAD1	5
607067.8	4201188.22	0.06417	73.32	73.32	0 ANNUAL	ROAD1	5
607087.8	4201188.22	0.07038	73.12	73.12	0 ANNUAL	ROAD1	5
607107.8	4201188.22	0.07761	72.91	72.91	0 ANNUAL	ROAD1	5
607127.8	4201188.22	0.0859	72.74	72.74	0 ANNUAL	ROAD1	5
607147.8	4201188.22	0.09564	72.48	72.48	0 ANNUAL	ROAD1	5
607167.8	4201188.22	0.10686	72.24	72.24	0 ANNUAL	ROAD1	5
607187.8	4201188.22	0.11975	72.04	72.04	0 ANNUAL	ROAD1	5
607207.8	4201188.22	0.13473	71.85	71.85	0 ANNUAL	ROAD1	5
607227.8	4201188.22	0.15241	71.65	71.65	0 ANNUAL	ROAD1	5
607247.8	4201188.22	0.17329	71.49	71.49	0 ANNUAL	ROAD1	5
607267.8	4201188.22	0.19864	71.34	71.34	0 ANNUAL	ROAD1	5
607287.8	4201188.22	0.23124	71.14	71.14	0 ANNUAL	ROAD1	5
607307.8	4201188.22	0.27233	70.91	70.91	0 ANNUAL	ROAD1	5
606527.8	4201208.22	0.01487	78.74	78.74	0 ANNUAL	ROAD1	5
606547.8	4201208.22	0.01534	78.6	78.6	0 ANNUAL	ROAD1	5
606567.8	4201208.22	0.01583	78.52	78.52	0 ANNUAL	ROAD1	5
606587.8	4201208.22	0.01635	78.41	78.41	0 ANNUAL	ROAD1	5
606607.8	4201208.22	0.01691	78.3	78.3	0 ANNUAL	ROAD1	5
606627.8	4201208.22	0.01751	78.14	78.14	0 ANNUAL	ROAD1	5
606647.8	4201208.22	0.01817	77.94	77.94	0 ANNUAL	ROAD1	5
606667.8	4201208.22	0.0189	77.61	77.61	0 ANNUAL	ROAD1	5
606687.8	4201208.22	0.01967	77.37	77.37	0 ANNUAL	ROAD1	5
606707.8	4201208.22	0.02048	77.16	77.16	0 ANNUAL	ROAD1	5
606727.8	4201208.22	0.02138	76.85	76.85	0 ANNUAL	ROAD1	5
606747.8	4201208.22	0.02232	76.64	76.64	0 ANNUAL	ROAD1	5
606767.8	4201208.22	0.02335	76.4	76.4	0 ANNUAL	ROAD1	5
606787.8	4201208.22	0.02446	76.21	76.21	0 ANNUAL	ROAD1	5
606807.8	4201208.22	0.02569	75.94	75.94	0 ANNUAL	ROAD1	5
606827.8	4201208.22	0.02702	75.73	75.73	0 ANNUAL	ROAD1	5
606847.8	4201208.22	0.02872	75.51	75.51	0 ANNUAL	ROAD1	5
606867.8	4201208.22	0.03047	75.39	75.39	0 ANNUAL	ROAD1	5
606887.8	4201208.22	0.03236	75.23	75.23	0 ANNUAL	ROAD1	5
606907.8	4201208.22	0.03443	74.98	74.98	0 ANNUAL	ROAD1	5
606927.8	4201208.22	0.03663	74.73	74.73	0 ANNUAL	ROAD1	5
606947.8	4201208.22	0.03898	74.54	74.54	0 ANNUAL	ROAD1	5
606967.8	4201208.22	0.0416	74.34	74.34	0 ANNUAL	ROAD1	5
606987.8	4201208.22	0.04455	74.13	74.13	0 ANNUAL	ROAD1	5
607007.8	4201208.22	0.0479	73.93	73.93	0 ANNUAL	ROAD1	5
607027.8	4201208.22	0.0518	73.61	73.61	0 ANNUAL	ROAD1	5
607047.8	4201208.22	0.05617	73.41	73.41	0 ANNUAL	ROAD1	5
607067.8	4201208.22	0.06122	73.18	73.18	0 ANNUAL	ROAD1	5
607087.8	4201208.22	0.06703	72.94	72.94	0 ANNUAL	ROAD1	5
607107.8	4201208.22	0.07353	72.82	72.82	0 ANNUAL	ROAD1	5
607127.8	4201208.22	0.08099	72.63	72.63	0 ANNUAL	ROAD1	5
607147.8	4201208.22	0.08942	72.44	72.44	0 ANNUAL	ROAD1	5
607167.8	4201208.22	0.09893	72.24	72.24	0 ANNUAL	ROAD1	5
607187.8	4201208.22	0.10964	72.03	72.03	0 ANNUAL	ROAD1	5
607207.8	4201208.22	0.12191	71.77	71.77	0 ANNUAL	ROAD1	5
607227.8	4201208.22	0.13558	71.6	71.6	0 ANNUAL	ROAD1	5
607247.8	4201208.22	0.15153	71.42	71.42	0 ANNUAL	ROAD1	5
607267.8	4201208.22	0.17012	71.35	71.35	0 ANNUAL	ROAD1	5
607287.8	4201208.22	0.1944	71.14	71.14	0 ANNUAL	ROAD1	5
607307.8	4201208.22	0.22396	70.94	70.94	0 ANNUAL	ROAD1	5
606527.8	4201228.22	0.01437	78.86	78.86	0 ANNUAL	ROAD1	5
606547.8	4201228.22	0.01482	78.74	78.74	0 ANNUAL	ROAD1	5
606567.8	4201228.22	0.0153	78.59	78.59	0 ANNUAL	ROAD1	5
606587.8	4201228.22	0.01579	78.55	78.55	0 ANNUAL	ROAD1	5
606607.8	4201228.22	0.01634	78.37	78.37	0 ANNUAL	ROAD1	5
606627.8	4201228.22	0.01692	78.2	78.2	0 ANNUAL	ROAD1	5
606647.8	4201228.22	0.01757	77.92	77.92	0 ANNUAL	ROAD1	5
606667.8	4201228.22	0.01826	77.63	77.63	0 ANNUAL	ROAD1	5
606687.8	4201228.22	0.01898	77.44	77.44	0 ANNUAL	ROAD1	5
606707.8	4201228.22	0.01975	77.24	77.24	0 ANNUAL	ROAD1	5
606727.8	4201228.22	0.0206	76.99	76.99	0 ANNUAL	ROAD1	5
606747.8	4201228.22	0.02153	76.71	76.71	0 ANNUAL	ROAD1	5
606767.8	4201228.22	0.02253	76.44	76.44	0 ANNUAL	ROAD1	5
606787.8	4201228.22	0.02362	76.18	76.18	0 ANNUAL	ROAD1	5
606807.8	4201228.22	0.02482	75.88	75.88	0 ANNUAL	ROAD1	5
606827.8	4201228.22	0.02611	75.64	75.64	0 ANNUAL	ROAD1	5
606847.8	4201228.22	0.02786	75.44	75.44	0 ANNUAL	ROAD1	5
606867.8	4201228.22	0.02958	75.22	75.22	0 ANNUAL	ROAD1	5
606887.8	4201228.22	0.03146	74.91	74.91	0 ANNUAL	ROAD1	5
606907.8	4201228.22	0.03322	74.9	74.9	0 ANNUAL	ROAD1	5
606927.8	4201228.22	0.03523	74.73	74.73	0 ANNUAL	ROAD1	5
606947.8	4201228.22	0.03749	74.49	74.49	0 ANNUAL	ROAD1	5
606967.8	4201228.22	0.04003	74.23	74.23	0 ANNUAL	ROAD1	5
606987.8	4201228.22	0.04285	74.04	74.04	0 ANNUAL	ROAD1	5
607007.8	4201228.22	0.04609	73.77	73.77	0 ANNUAL	ROAD1	5
607027.8	4201228.22	0.04983	73.41	73.41	0 ANNUAL	ROAD1	5
607047.8	4201228.22	0.05397	73.23	73.23	0 ANNUAL	ROAD1	5
607067.8	4201228.22	0.0587	73.03	73.03	0 ANNUAL	ROAD1	5
607087.8	4201228.22	0.06404	72.84	72.84	0 ANNUAL	ROAD1	5
607107.8	4201228.22	0.06994	72.73	72.73	0 ANNUAL	ROAD1	5
607127.8	4201228.22	0.07662	72.51	72.51	0 ANNUAL	ROAD1	5
607147.8	4201228.22	0.08381	72.42	72.42	0 ANNUAL	ROAD1	5
607167.8	4201228.22	0.09196	72.15	72.15	0 ANNUAL	ROAD1	5
607187.8	4201228.22	0.10075	71.95	71.95	0 ANNUAL	ROAD1	5
607207.8	4201228.22	0.11053	71.7	71.7	0 ANNUAL	ROAD1	5
607227.8	4201228.22	0.1212	71.54	71.54	0 ANNUAL	ROAD1	5
607247.8	4201228.22	0.13378	71.34	71.34	0 ANNUAL	ROAD1	5
607267.8	4201228.22	0.14861	71.23	71.23	0 ANNUAL	ROAD1	5
607287.8	4201228.22	0.16682	71.12	71.12	0 ANNUAL	ROAD1	5
607307.8	4201228.22	0.18887	70.94	70.94	0 ANNUAL	ROAD1	5
606527.8	4201248.22	0.01391	79.03	79.03	0 ANNUAL	ROAD1	5
606547.8	4201248.22	0.01435	78.85	78.85	0 ANNUAL	ROAD1	5
606567.8	4201248.22	0.01483	78.65	78.65	0 ANNUAL	ROAD1	5
606587.8	4201248.22	0.01531	78.53	78.53	0 ANNUAL	ROAD1	5
606607.8	4201248.22	0.01583	78.41	78.41	0 ANNUAL	ROAD1	5
606627.8	4201248.22	0.01641	78.13	78.13	0 ANNUAL	ROAD1	5
606647.8	4201248.22	0.01703	77.87	77.87	0 ANNUAL	ROAD1	5
606667.8	4201248.22	0.01767	77.71	77.71	0 ANNUAL	ROAD1	5
606687.8	4201248.22	0.01836	77.54	77.54	0 ANNUAL	ROAD1	5
606707.8	4201248.22	0.01914	77.21	77.21	0 ANNUAL	ROAD1	5
606727.8	4201248.22	0.01995	77	77	0 ANNUAL	ROAD1	5
606747.8	4201248.22	0.02084	76.73	76.73	0 ANNUAL	ROAD1	5
606767.8	4201248.22	0.02183	76.4	76.4	0 ANNUAL	ROAD1	5
606787.8	4201248.22	0.02286	76.21	76.21	0 ANNUAL	ROAD1	5
606807.8	4201248.22	0.02405	75.85	75.85	0 ANNUAL	ROAD1	5
606827.8	4201248.22	0.0253	75.6	75.6	0 ANNUAL	ROAD1	5
606847.8	4201248.22	0.02709	75.37	75.37	0 ANNUAL	ROAD1	5
606867.8	4201248.22	0.02865	75.2	75.2	0 ANNUAL	ROAD1	5
606887.8	4201248.22	0.03038	74.94	74.94	0 ANNUAL	ROAD1	5
606907.8	4201248.22	0.03215	74.74	74.74	0 ANNUAL	ROAD1	5
606927.8	4201248.22	0.0341	74.52	74.52	0 ANNUAL	ROAD1	5
606947.8	4201248.22	0.03623	74.41	74.41	0 ANNUAL	ROAD1	5
606967.8	4201248.22	0.03863	74.23	74.23	0 ANNUAL	ROAD1	5
606987.8	4201248.22	0.04136	74.01	74.01	0 ANNUAL	ROAD1	5
607007.8	4201248.22	0.04453	73.64	73.64	0 ANNUAL	ROAD1	5
607027.8	4201248.22	0.04812	73.27	73.27	0 ANNUAL	ROAD1	5
607047.8	4201248.22	0.05208	73.05	73.05	0 ANNUAL	ROAD1	5
607067.8	4201248.22	0.05646	72.91	72.91	0 ANNUAL	ROAD1	5
607087.8	4201248.22	0.06138	72.71	72.71	0 ANNUAL	ROAD1	5
607107.8	4201248.22	0.06672	72.58	72.58	0 ANNUAL	ROAD1	5
607127.8	4201248.22	0.07259	72.38	72.38	0 ANNUAL	ROAD1	5
607147.8	4201248.22	0.07889	72.2	72.2	0 ANNUAL	ROAD1	5
607167.8	4201248.22	0.08552	72.06	72.06	0 ANNUAL	ROAD1	5
607187.8	4201248.22	0.09266	71.86	71.86	0 ANNUAL	ROAD1	5
607207.8	4201248.22	0.10041	71.64	71.64	0 ANNUAL	ROAD1	5
607227.8	4201248.22	0.10894	71.48	71.48	0 ANNUAL	ROAD1	5
607247.8	4201248.22	0.11891	71.34	71.34	0 ANNUAL	ROAD1	5
607267.8	4201248.22	0.13127	71.14	71.14	0 ANNUAL	ROAD1	5
607287.8	4201248.22	0.14564	71.05	71.05	0 ANNUAL	ROAD1	5
607307.8	4201248.22	0.16239	70.91	70.91	0 ANNUAL	ROAD1	5
606527.8	4201268.22	0.0135	79.16	79.16	0 ANNUAL	ROAD1	5
606547.8	4201268.22	0.01393	78.95	78.95	0 ANNUAL	ROAD1	5
606567.8	4201268.22	0.01439	78.73	78.73	0 ANNUAL	ROAD1	5
606587.8	4201268.22	0.01487	78.54	78.54	0 ANNUAL	ROAD1	5
606607.8	4201268.22	0.01539	78.3	78.3	0 ANNUAL	ROAD1	5
606627.8	4201268.22	0.01594	78.11	78.11	0 ANNUAL	ROAD1	5
606647.8	4201268.22	0.01653	77.89	77.89	0 ANNUAL	ROAD1	5
606667.8	4201268.22	0.01715	77.72	77.72	0 ANNUAL	ROAD1	5
606687.8	4201268.22	0.01786	77.38	77.38	0 ANNUAL	ROAD1	5
606707.8	4201268.22	0.0186	77.17	77.17	0 ANNUAL	ROAD1	5
606727.8	4201268.22	0.01941	76.86	76.86	0 ANNUAL	ROAD1	5
606747.8	4201268.22	0.02031	76.52	76.52	0 ANNUAL	ROAD1	5
606767.8	4201268.22	0.0212	76.43	76.43	0 ANNUAL	ROAD1	5
606787.8	4201268.22	0.0222	76.24	76.24	0 ANNUAL	ROAD1	5
606807.8	4201268.22	0.02334	75.91	75.91	0 ANNUAL	ROAD1	5
606827.8	4201268.22	0.02456	75.65	75.65	0 ANNUAL	ROAD1	5
606847.8	4201268.22	0.02623	75.41	75.41	0 ANNUAL	ROAD1	5
606867.8	4201268.22	0.0278	75.19	75.19	0 ANNUAL	ROAD1	5
606887.8	4201268.22	0.02944	74.95	74.95	0 ANNUAL	ROAD1	5
606907.8	4201268.22	0.03115	74.74	74.74	0 ANNUAL	ROAD1	5
606927.8	4201268.22	0.03304	74.54	74.54	0 ANNUAL	ROAD1	5
606947.8	4201268.22	0.03513	74.34	74.34	0 ANNUAL	ROAD1	5
606967.8	4201268.22	0.03747	74.14	74.14	0 ANNUAL	ROAD1	5
606987.8	4201268.22	0.04013	73.9	73.9	0 ANNUAL	ROAD1	5
607007.8	4201268.22	0.0432	73.49	73.49	0 ANNUAL	ROAD1	5
607027.8	4201268.22	0.04663	73.13	73.13	0 ANNUAL	ROAD1	5
607047.8	4201268.22	0.05034	72.95	72.95	0 ANNUAL	ROAD1	5
607067.8	4201268.22	0.05448	72.71	72.71	0 ANNUAL	ROAD1	5
607087.8	4201268.22	0.05889	72.6	72.6	0 ANNUAL	ROAD1	5
607107.8	4201268.22	0.06363	72.48	72.48	0 ANNUAL	ROAD1	5
607127.8	4201268.22	0.06877	72.25	72.25	0 ANNUAL	ROAD1	5
607147.8	4201268.22	0.07429	71.92	71.92	0 ANNUAL	ROAD1	5
607167.8	4201268.22	0.0796	71.9	71.9	0 ANNUAL	ROAD1	5
607187.8	4201268.22	0.08527	71.77	71.77	0 ANNUAL	ROAD1	5
607207.8	4201268.22	0.09163	71.52	71.52	0 ANNUAL	ROAD1	5
607227.8	4201268.22	0.09881	71.31	71.31	0 ANNUAL	ROAD1	5
607247.8	4201268.22	0.10703	71.22	71.22	0 ANNUAL	ROAD1	5
607267.8	4201268.22	0.11727	71.01	71.01	0 ANNUAL	ROAD1	5

607147.8	4201088.22	0.1689	72.54	72.54	0 ANNUAL	ROAD2	5
607167.8	4201088.22	0.19873	72.34	72.34	0 ANNUAL	ROAD2	5
607187.8	4201088.22	0.23855	72.14	72.14	0 ANNUAL	ROAD2	5
607207.8	4201088.22	0.2937	71.94	71.94	0 ANNUAL	ROAD2	5
607227.8	4201088.22	0.3738	71.74	71.74	0 ANNUAL	ROAD2	5
607247.8	4201088.22	0.4984	71.54	71.54	0 ANNUAL	ROAD2	5
607267.8	4201088.22	0.7135	71.34	71.34	0 ANNUAL	ROAD2	5
607287.8	4201088.22	1.15085	71.14	71.14	0 ANNUAL	ROAD2	5
607307.8	4201088.22	2.29712	70.94	70.94	0 ANNUAL	ROAD2	5
606527.8	4201108.22	0.01878	77.96	77.96	0 ANNUAL	ROAD2	5
606547.8	4201108.22	0.01942	77.91	77.91	0 ANNUAL	ROAD2	5
606567.8	4201108.22	0.02012	77.78	77.78	0 ANNUAL	ROAD2	5
606587.8	4201108.22	0.02085	77.7	77.7	0 ANNUAL	ROAD2	5
606607.8	4201108.22	0.02164	77.57	77.57	0 ANNUAL	ROAD2	5
606627.8	4201108.22	0.02248	77.48	77.48	0 ANNUAL	ROAD2	5
606647.8	4201108.22	0.02334	77.49	77.49	0 ANNUAL	ROAD2	5
606667.8	4201108.22	0.0243	77.42	77.42	0 ANNUAL	ROAD2	5
606687.8	4201108.22	0.02532	77.34	77.34	0 ANNUAL	ROAD2	5
606707.8	4201108.22	0.02647	77.17	77.17	0 ANNUAL	ROAD2	5
606727.8	4201108.22	0.02767	77.07	77.07	0 ANNUAL	ROAD2	5
606747.8	4201108.22	0.02901	76.89	76.89	0 ANNUAL	ROAD2	5
606767.8	4201108.22	0.03052	76.6	76.6	0 ANNUAL	ROAD2	5
606787.8	4201108.22	0.0321	76.42	76.42	0 ANNUAL	ROAD2	5
606807.8	4201108.22	0.03385	76.21	76.21	0 ANNUAL	ROAD2	5
606827.8	4201108.22	0.03578	75.96	75.96	0 ANNUAL	ROAD2	5
606847.8	4201108.22	0.0379	75.74	75.74	0 ANNUAL	ROAD2	5
606867.8	4201108.22	0.04025	75.57	75.57	0 ANNUAL	ROAD2	5
606887.8	4201108.22	0.04326	75.4	75.4	0 ANNUAL	ROAD2	5
606907.8	4201108.22	0.04653	75.17	75.17	0 ANNUAL	ROAD2	5
606927.8	4201108.22	0.05006	74.95	74.95	0 ANNUAL	ROAD2	5
606947.8	4201108.22	0.05382	74.77	74.77	0 ANNUAL	ROAD2	5
606967.8	4201108.22	0.05796	74.6	74.6	0 ANNUAL	ROAD2	5
606987.8	4201108.22	0.06261	74.44	74.44	0 ANNUAL	ROAD2	5
607007.8	4201108.22	0.06798	74.24	74.24	0 ANNUAL	ROAD2	5
607027.8	4201108.22	0.07417	74.04	74.04	0 ANNUAL	ROAD2	5
607047.8	4201108.22	0.08132	73.81	73.81	0 ANNUAL	ROAD2	5
607067.8	4201108.22	0.08978	73.54	73.54	0 ANNUAL	ROAD2	5
607087.8	4201108.22	0.09981	73.3	73.3	0 ANNUAL	ROAD2	5
607107.8	4201108.22	0.11197	73.04	73.04	0 ANNUAL	ROAD2	5
607127.8	4201108.22	0.1268	72.8	72.8	0 ANNUAL	ROAD2	5
607147.8	4201108.22	0.14534	72.54	72.54	0 ANNUAL	ROAD2	5
607167.8	4201108.22	0.16866	72.34	72.34	0 ANNUAL	ROAD2	5
607187.8	4201108.22	0.1989	72.14	72.14	0 ANNUAL	ROAD2	5
607207.8	4201108.22	0.23923	71.94	71.94	0 ANNUAL	ROAD2	5
607227.8	4201108.22	0.29506	71.74	71.74	0 ANNUAL	ROAD2	5
607247.8	4201108.22	0.37668	71.54	71.54	0 ANNUAL	ROAD2	5
607267.8	4201108.22	0.50629	71.34	71.34	0 ANNUAL	ROAD2	5
607287.8	4201108.22	0.73976	71.14	71.14	0 ANNUAL	ROAD2	5
607307.8	4201108.22	1.23148	70.94	70.94	0 ANNUAL	ROAD2	5
606527.8	4201128.22	0.01784	78.24	78.24	0 ANNUAL	ROAD2	5
606547.8	4201128.22	0.01846	78.07	78.07	0 ANNUAL	ROAD2	5
606567.8	4201128.22	0.01911	77.94	77.94	0 ANNUAL	ROAD2	5
606587.8	4201128.22	0.01977	77.89	77.89	0 ANNUAL	ROAD2	5
606607.8	4201128.22	0.0205	77.77	77.77	0 ANNUAL	ROAD2	5
606627.8	4201128.22	0.02128	77.65	77.65	0 ANNUAL	ROAD2	5
606647.8	4201128.22	0.02208	77.65	77.65	0 ANNUAL	ROAD2	5
606667.8	4201128.22	0.02297	77.53	77.53	0 ANNUAL	ROAD2	5
606687.8	4201128.22	0.02396	77.34	77.34	0 ANNUAL	ROAD2	5
606707.8	4201128.22	0.02501	77.15	77.15	0 ANNUAL	ROAD2	5
606727.8	4201128.22	0.02613	77.02	77.02	0 ANNUAL	ROAD2	5
606747.8	4201128.22	0.02737	76.81	76.81	0 ANNUAL	ROAD2	5
606767.8	4201128.22	0.02874	76.54	76.54	0 ANNUAL	ROAD2	5
606787.8	4201128.22	0.03017	76.38	76.38	0 ANNUAL	ROAD2	5
606807.8	4201128.22	0.03173	76.24	76.24	0 ANNUAL	ROAD2	5
606827.8	4201128.22	0.03346	76.04	76.04	0 ANNUAL	ROAD2	5
606847.8	4201128.22	0.03541	75.76	75.76	0 ANNUAL	ROAD2	5
606867.8	4201128.22	0.03754	75.59	75.59	0 ANNUAL	ROAD2	5
606887.8	4201128.22	0.04034	75.38	75.38	0 ANNUAL	ROAD2	5
606907.8	4201128.22	0.04314	75.24	75.24	0 ANNUAL	ROAD2	5
606927.8	4201128.22	0.04627	75.04	75.04	0 ANNUAL	ROAD2	5
606947.8	4201128.22	0.04975	74.84	74.84	0 ANNUAL	ROAD2	5
606967.8	4201128.22	0.05343	74.64	74.64	0 ANNUAL	ROAD2	5
606987.8	4201128.22	0.05757	74.43	74.43	0 ANNUAL	ROAD2	5
607007.8	4201128.22	0.06229	74.23	74.23	0 ANNUAL	ROAD2	5
607027.8	4201128.22	0.06767	74.04	74.04	0 ANNUAL	ROAD2	5
607047.8	4201128.22	0.0739	73.79	73.79	0 ANNUAL	ROAD2	5
607067.8	4201128.22	0.08118	73.54	73.54	0 ANNUAL	ROAD2	5
607087.8	4201128.22	0.08986	73.24	73.24	0 ANNUAL	ROAD2	5
607107.8	4201128.22	0.10011	73.04	73.04	0 ANNUAL	ROAD2	5
607127.8	4201128.22	0.11259	72.79	72.79	0 ANNUAL	ROAD2	5
607147.8	4201128.22	0.12793	72.54	72.54	0 ANNUAL	ROAD2	5
607167.8	4201128.22	0.14686	72.34	72.34	0 ANNUAL	ROAD2	5
607187.8	4201128.22	0.17079	72.14	72.14	0 ANNUAL	ROAD2	5
607207.8	4201128.22	0.20172	71.94	71.94	0 ANNUAL	ROAD2	5
607227.8	4201128.22	0.24295	71.74	71.74	0 ANNUAL	ROAD2	5
607247.8	4201128.22	0.30054	71.54	71.54	0 ANNUAL	ROAD2	5
607267.8	4201128.22	0.38671	71.34	71.34	0 ANNUAL	ROAD2	5
607287.8	4201128.22	0.52774	71.14	71.14	0 ANNUAL	ROAD2	5
607307.8	4201128.22	0.7709	70.93	70.93	0 ANNUAL	ROAD2	5
606527.8	4201148.22	0.01704	78.37	78.37	0 ANNUAL	ROAD2	5
606547.8	4201148.22	0.01761	78.21	78.21	0 ANNUAL	ROAD2	5
606567.8	4201148.22	0.01821	78.11	78.11	0 ANNUAL	ROAD2	5
606587.8	4201148.22	0.01885	77.99	77.99	0 ANNUAL	ROAD2	5
606607.8	4201148.22	0.01953	77.87	77.87	0 ANNUAL	ROAD2	5
606627.8	4201148.22	0.02022	77.87	77.87	0 ANNUAL	ROAD2	5
606647.8	4201148.22	0.02101	77.7	77.7	0 ANNUAL	ROAD2	5
606667.8	4201148.22	0.02185	77.54	77.54	0 ANNUAL	ROAD2	5
606687.8	4201148.22	0.02277	77.34	77.34	0 ANNUAL	ROAD2	5
606707.8	4201148.22	0.02375	77.14	77.14	0 ANNUAL	ROAD2	5
606727.8	4201148.22	0.02483	76.88	76.88	0 ANNUAL	ROAD2	5
606747.8	4201148.22	0.02597	76.71	76.71	0 ANNUAL	ROAD2	5
606767.8	4201148.22	0.02716	76.62	76.62	0 ANNUAL	ROAD2	5
606787.8	4201148.22	0.02851	76.4	76.4	0 ANNUAL	ROAD2	5
606807.8	4201148.22	0.02995	76.24	76.24	0 ANNUAL	ROAD2	5
606827.8	4201148.22	0.03154	76.04	76.04	0 ANNUAL	ROAD2	5
606847.8	4201148.22	0.03329	75.84	75.84	0 ANNUAL	ROAD2	5
606867.8	4201148.22	0.03529	75.59	75.59	0 ANNUAL	ROAD2	5
606887.8	4201148.22	0.03744	75.44	75.44	0 ANNUAL	ROAD2	5
606907.8	4201148.22	0.04043	75.24	75.24	0 ANNUAL	ROAD2	5
606927.8	4201148.22	0.04329	75.04	75.04	0 ANNUAL	ROAD2	5
606947.8	4201148.22	0.04645	74.82	74.82	0 ANNUAL	ROAD2	5
606967.8	4201148.22	0.0498	74.58	74.58	0 ANNUAL	ROAD2	5
606987.8	4201148.22	0.05357	74.34	74.34	0 ANNUAL	ROAD2	5
607007.8	4201148.22	0.05778	74.14	74.14	0 ANNUAL	ROAD2	5
607027.8	4201148.22	0.06256	73.97	73.97	0 ANNUAL	ROAD2	5
607047.8	4201148.22	0.06809	73.74	73.74	0 ANNUAL	ROAD2	5
607067.8	4201148.22	0.07452	73.52	73.52	0 ANNUAL	ROAD2	5
607087.8	4201148.22	0.08217	73.24	73.24	0 ANNUAL	ROAD2	5
607107.8	4201148.22	0.09123	73	73	0 ANNUAL	ROAD2	5
607127.8	4201148.22	0.10211	72.74	72.74	0 ANNUAL	ROAD2	5
607147.8	4201148.22	0.11515	72.54	72.54	0 ANNUAL	ROAD2	5
607167.8	4201148.22	0.13107	72.34	72.34	0 ANNUAL	ROAD2	5
607187.8	4201148.22	0.15074	72.14	72.14	0 ANNUAL	ROAD2	5
607207.8	4201148.22	0.17548	71.94	71.94	0 ANNUAL	ROAD2	5
607227.8	4201148.22	0.20743	71.74	71.74	0 ANNUAL	ROAD2	5
607247.8	4201148.22	0.25038	71.54	71.54	0 ANNUAL	ROAD2	5
607267.8	4201148.22	0.31105	71.34	71.34	0 ANNUAL	ROAD2	5
607287.8	4201148.22	0.40019	71.14	71.14	0 ANNUAL	ROAD2	5
607307.8	4201148.22	0.53166	70.84	70.84	0 ANNUAL	ROAD2	5
606527.8	4201168.22	0.01632	78.5	78.5	0 ANNUAL	ROAD2	5
606547.8	4201168.22	0.01686	78.37	78.37	0 ANNUAL	ROAD2	5
606567.8	4201168.22	0.01742	78.27	78.27	0 ANNUAL	ROAD2	5
606587.8	4201168.22	0.01802	78.14	78.14	0 ANNUAL	ROAD2	5
606607.8	4201168.22	0.01865	78.03	78.03	0 ANNUAL	ROAD2	5
606627.8	4201168.22	0.01932	77.98	77.98	0 ANNUAL	ROAD2	5
606647.8	4201168.22	0.02006	77.78	77.78	0 ANNUAL	ROAD2	5
606667.8	4201168.22	0.02087	77.57	77.57	0 ANNUAL	ROAD2	5
606687.8	4201168.22	0.02171	77.41	77.41	0 ANNUAL	ROAD2	5
606707.8	4201168.22	0.02266	77.1	77.1	0 ANNUAL	ROAD2	5
606727.8	4201168.22	0.0237	76.77	76.77	0 ANNUAL	ROAD2	5
606747.8	4201168.22	0.02476	76.6	76.6	0 ANNUAL	ROAD2	5
606767.8	4201168.22	0.0259	76.45	76.45	0 ANNUAL	ROAD2	5
606787.8	4201168.22	0.02713	76.31	76.31	0 ANNUAL	ROAD2	5
606807.8	4201168.22	0.02847	76.14	76.14	0 ANNUAL	ROAD2	5
606827.8	4201168.22	0.02992	76.02	76.02	0 ANNUAL	ROAD2	5
606847.8	4201168.22	0.03154	75.84	75.84	0 ANNUAL	ROAD2	5
606867.8	4201168.22	0.0334	75.59	75.59	0 ANNUAL	ROAD2	5
606887.8	4201168.22	0.03577	75.39	75.39	0 ANNUAL	ROAD2	5
606907.8	4201168.22	0.03828	75.17	75.17	0 ANNUAL	ROAD2	5
606927.8	4201168.22	0.04099	74.92	74.92	0 ANNUAL	ROAD2	5
606947.8	4201168.22	0.04377	74.74	74.74	0 ANNUAL	ROAD2	5
606967.8	4201168.22	0.04682	74.53	74.53	0 ANNUAL	ROAD2	5
606987.8	4201168.22	0.05023	74.32	74.32	0 ANNUAL	ROAD2	5
607007.8	4201168.22	0.05408	74.12	74.12	0 ANNUAL	ROAD2	5
607027.8	4201168.22	0.05845	73.93	73.93	0 ANNUAL	ROAD2	5
607047.8	4201168.22	0.06356	73.63	73.63	0 ANNUAL	ROAD2	5
607067.8	4201168.22	0.0694	73.42	73.42	0 ANNUAL	ROAD2	5
607087.8	4201168.22	0.07623	73.22	73.22	0 ANNUAL	ROAD2	5
607107.8	4201168.22	0.08444	72.93	72.93	0 ANNUAL	ROAD2	5
607127.8	4201168.22	0.09399	72.74	72.74	0 ANNUAL	ROAD2	5
607147.8	4201168.22	0.10538	72.54	72.54	0 ANNUAL	ROAD2	5
607167.8	4201168.22	0.11903	72.34	72.34	0 ANNUAL	ROAD2	5
607187.8	4201168.22	0.13558	72.12	72.12	0 ANNUAL	ROAD2	5
607207.8	4201168.22	0.15569	71.94	71.94	0 ANNUAL	ROAD2	5
607227.8	4201168.22	0.181	71.74	71.74	0 ANNUAL	ROAD2	5
607247.8	4201168.22	0.21369	71.54	71.54	0 ANNUAL	ROAD2	5
607267.8	4201168.22	0.25693	71.34	71.34	0 ANNUAL	ROAD2	5
607287.8	4201168.22	0.3151	71.12	71.12	0 ANNUAL	ROAD2	5
607307.8	4201168.22	0.39319	70.84	70.84	0 ANNUAL	ROAD2	5
606527.8	4201188.22	0.01569	78.59	78.59	0 ANNUAL	ROAD2	5
606547.8	4201188.22	0.01618	78.52	78.52	0 ANNUAL	ROAD2	5
606567.8	4201188.22	0.01672	78.4	78.4	0 ANNUAL	ROAD2	5
606587.8	4201188.22	0.01729	78.27	78.27	0 ANNUAL	ROAD2	5
606607.8	4201188.22	0.01788	78.19	78.19	0 ANNUAL	ROAD2	5
606627.8	4201188.22	0.01852	78.08	78.08	0 ANNUAL	ROAD2	5
606647.8	4201188.22	0.01922	77.87	77.87	0 ANNUAL	ROAD2	5
606667.8	4201188.22	0.01998	77.66	77.66	0 ANNUAL	ROAD2	5
606687.8	4201188.22	0.02082	77.36	77.36	0 ANNUAL	ROAD2	5
606707.8	4201188.22	0.02171	77.06	77.06	0 ANNUAL	ROAD2	5
606727.8	4201188.22	0.02268	76.77	76.77	0 ANNUAL	ROAD2	5
606747.8	4201188.22	0.02369	76.55	76.55	0 ANNUAL	ROAD2	5
606767.8	4201188.22	0.02478	76.36	76.36	0 ANNUAL	ROAD2	5
606787.8	4201188.22	0.02595	76.19	76.19	0 ANNUAL	ROAD2	5
606807.8	4201188.22	0.02723	76.01	76.01	0 ANNUAL	ROAD2	5
606827.8	4201188.22	0.0286	75.89	75.89	0 ANNUAL	ROAD2	5
606847.8	4201188.22	0.03012	75.72	75.72	0 ANNUAL	ROAD2	5
606867.8	4201188.22	0.03182	75.57	75.57	0 ANNUAL	ROAD2	5
606887.8	4201188.22	0.03428	75.28	75.28	0 ANNUAL	ROAD2	5
606907.8	4201188.22	0.03657	75.04	75.04	0 ANNUAL	ROAD2	5
606927.8	4201188.22	0.039	74.84	74.84	0 ANNUAL	ROAD2	5
606947.8	4201188.22	0.04156	74.61	74.61	0 ANNUAL	ROAD2	5
606967.8	4201188.22	0.04438	74.42	74.42	0 ANNUAL	ROAD2	5
606987.8	4201188.22	0.04754	74.22	74.22	0 ANNUAL	ROAD2	5
607007.8	4201188.22	0.05112	74.03	74.03	0 ANNUAL	ROAD2	5
607027.8	4201188.22	0.0552	73.78	73.78	0 ANNUAL	ROAD2	5
607047.8	4201188.22	0.05991	73.52	73.52	0 ANNUAL	ROAD2	5
607067.8	4201188.22	0.06531	73.32	73.32	0 ANNUAL	ROAD2	5
607087.8	4201188.22	0.0716	73.12	73.12	0 ANNUAL	ROAD2	5
607107.8	4201188.22	0.07895	72.91	72.91	0 ANNUAL	ROAD2	5
607127.8	4201188.22	0.08748	72.74	72.74	0 ANNUAL	ROAD2	5
607147.8	4201188.22	0.09764	72.48	72.48	0 ANNUAL	ROAD2	5
607167.8	4201188.22	0.10955	72.24	72.24	0 ANNUAL	ROAD2	5
607187.8	4201188.22	0.12353	72.04	72.04	0 ANNUAL	ROAD2	5
607207.8	4201188.22	0.1402	71.85	71.85	0 ANNUAL	ROAD2	5
607227.8	4201188.22	0.1605	71.65	71.65	0 ANNUAL	ROAD2	5
607247.8	4201188.22	0.18523	71.49	71.49	0 ANNUAL	ROAD2	5
607267.8	4201188.22	0.21573	71.34	71.34	0 ANNUAL	ROAD2	5
607287.8	4201188.22	0.25489	71.14	71.14	0 ANNUAL	ROAD2	5
607307.8	4201188.22	0.30614	70.91	70.91	0 ANNUAL	ROAD2	5
606527.8	4201208.22	0.01511	78.74	78.74	0 ANNUAL	ROAD2	5
606547.8	4201208.22	0.01559	78.6	78.6	0 ANNUAL	ROAD2	5
606567.8	4201208.22	0.01609	78.52	78.52	0 ANNUAL	ROAD2	5
606587.8	4201208.22	0.01663	78.41	78.41	0 ANNUAL	ROAD2	5
606607.8	4201208.22	0.0172	78.3	78.3	0 ANNUAL	ROAD2	5
606627.8	4201208.22	0.01781	78.14	78.14	0 ANNUAL	ROAD2	5
606647.8	4201208.22	0.01848	77.94	77.94	0 ANNUAL	ROAD2	5
606667.8	4201208.22	0.01923	77.61	77.61	0 ANNUAL	ROAD2	5
606687.8	4201208.22	0.02001	77.37	77.37	0 ANNUAL	ROAD2	5
606707.8	4201208.22	0.02083	77.16	77.16	0 ANNUAL	ROAD2	5
606727.8	4201208.22	0.02175	76.85	76.85	0 ANNUAL	ROAD2	5
606747.8	4201208.22	0.02271	76.64	76.64	0 ANNUAL	ROAD2	5
606767.8	4201208.22	0.02376	76.4	76.4	0 ANNUAL	ROAD2	5
606787.8	4201208.22	0.02488	76.21	76.21	0 ANNUAL	ROAD2	5
606807.8	4201208.22	0.02613	75.94	75.94	0 ANNUAL	ROAD2	5
606827.8	4201208.22	0.02748	75.73	75.73	0 ANNUAL	ROAD2	5
606847.8	4201208.22	0.02899	75.51	75.51	0 ANNUAL	ROAD2	5
606867.8	4201208.22	0.03088	75.39	75.39	0 ANNUAL	ROAD2	5
606887.8	4201208.22	0.03285	75.23	75.23	0 ANNUAL	ROAD2	5
606907.8	4201208.22	0.03503	74.98	74.98	0 ANNUAL	ROAD2	5
606927.8	4201208.22	0.03728	74.73	74.73	0 ANNUAL	ROAD2	5
606947.8	4201208.22	0.03966	74.54	74.54	0 ANNUAL	ROAD2	5
606967.8	4201208.22	0.04231	74.34	74.34	0 ANNUAL	ROAD2	5
606987.8	4201208.22	0.04528	74.13	74.13	0 ANNUAL	ROAD2	5
607007.8	4201208.22	0.04864	73.93	73.93	0 ANNUAL	ROAD2	5
607027.8	4201208.22	0.05254	73.61	73.61	0 ANNUAL	ROAD2	5
607047.8	4201208.22	0.05692	73.41	73.41	0 ANNUAL	ROAD2	5
607067.8	4201208.22	0.062	73.18	73.18	0 ANNUAL	ROAD2	5
607087.8	4201208.22	0.06787	72.94	72.94	0 ANNUAL	ROAD2	5
607107.8	4201208.22	0.07449	72.82	72.82	0 ANNUAL	ROAD2	5
607127.8	4201208.22	0.08222	72.63	72.63	0 ANNUAL	ROAD2	5
607147.8	4201208.22	0.09109	72.44	72.44	0 ANNUAL	ROAD2	5
607167.8	4201208.22	0.10131	72.24	72.24	0 ANNUAL	ROAD2	5
607187.8	4201208.22	0.11314	72.03	72.03	0 ANNUAL	ROAD2	5
607207.8	4201208.22	0.12708	71.77	71.77	0 ANNUAL	ROAD2	5
607227.8	4201208.22	0.14307	71.6	71.6	0 ANNUAL	ROAD2	5
607247.8	4201208.22	0.16192	71.42	71.42	0 ANNUAL	ROAD2	5
607267.8	4201208.22	0.18364	71.35	71.35	0 ANNUAL	ROAD2	5
607287.8	4201208.22	0.21185	71.14	71.14	0 ANNUAL	ROAD2	5
607307.8	4201208.22	0.24764	70.94	70.94	0 ANNUAL	ROAD2	5
606527.8	4201228.22	0.01459	78.86	78.86	0 ANNUAL	ROAD2	5
606547.8	4201228.22	0.01505	78.74	78.74	0 ANNUAL	ROAD2	5
606567.8	4201228.22	0.01554	78.59	78.59	0 ANNUAL	ROAD2	5
606587.8	4201228.22	0.01603	78.55	78.55	0 ANNUAL	ROAD2	5
606607.8	4201228.22	0.01659	78.37	78.37	0 ANNUAL	ROAD2	5
606627.8	4201228.22	0.01718	78.2	78.2	0 ANNUAL	ROAD2	5
606647.8	4201228.22	0.01784	77.92	77.92	0 ANNUAL	ROAD2	5
606667.8	4201228.22	0.01855	77.63	77.63	0 ANNUAL	ROAD2	5
606687.8	4201228.22	0.01928	77.44	77.44	0 ANNUAL	ROAD2	5
606707.8	4201228.22	0.02006	77.24	77.24	0 ANNUAL	ROAD2	5
606727.8	4201228.22	0.02092	76.99	76.99	0 ANNUAL	ROAD2	5
606747.8	4201228.22	0.02186	76.71	76.71	0 ANNUAL	ROAD2	5
606767.8	4201228.22	0.02287	76.44	76.44	0 ANNUAL	ROAD2	5
606787.8	4201228.22	0.02397	76.18	76.18	0 ANNUAL	ROAD2	5
606807.8	4201228.22	0.02518	75.88	75.88	0 ANNUAL	ROAD2	5
606827.8	4201228.22	0.02648	75.64	75.64	0 ANNUAL	ROAD2	5
606847.8	4201228.22	0.02795	75.44	75.44	0 ANNUAL	ROAD2	5
606867.8	4201228.22	0.02998	75.22	75.22	0 ANNUAL	ROAD2	5
606887.8	4201228.22	0.0319	74.91	74.91	0 ANNUAL	ROAD2	5
606907.8	4201228.22	0.03368	74.9	74.9	0 ANNUAL	ROAD2	5
606927.8	4201228.22	0.03574	74.73	74.73	0 ANNUAL	ROAD2	5
606947.8	4201228.22	0.03801	74.49	74.49	0 ANNUAL	ROAD2	5
606967.8	4201228.22	0.04056	74.23	74.23	0 ANNUAL	ROAD2	5
606987.8	4201228.22	0.04338	74.04	74.04	0 ANNUAL	ROAD2	5
607007.8	4201228.22	0.0466	73.77	73.77	0 ANNUAL	ROAD2	5
607027.8	4201228.22	0.05033	73.41	73.41	0 ANNUAL	ROAD2	5
607047.8	4201228.22	0.05447	73.23	73.23	0 ANNUAL	ROAD2	5
607067.8	4201228.22	0.05922	73.03	73.03	0 ANNUAL	ROAD2	5
607087.8	4201228.22	0.06462	72.84	72.84	0 ANNUAL	ROAD2	5
607107.8	4201228.22	0.07068	72.73	72.73	0 ANNUAL	ROAD2	5
607127.8	4201228.22	0.07767	72.51	72.51	0 ANNUAL	ROAD2	5
607147.8	4201228.22	0.08535	72.42	72.42	0 ANNUAL	ROAD2	5
607167.8	4201228.22	0.09429	72.15	72.15	0 ANNUAL	ROAD2	5
607187.8	4201228.22	0.10423	71.95	71.95	0 ANNUAL	ROAD2	5
607207.8	4201228.22	0.11556	71.7	71.7	0 ANNUAL	ROAD2	5
607227.8	4201228.22	0.12807	71.54	71.54	0 ANNUAL	ROAD2	5
607247.8	4201228.22	0.14256	71.34	71.34	0 ANNUAL	ROAD2	5
607267.8	4201228.22	0.15933	71.23	71.23	0 ANNUAL	ROAD2	5
607287.8	4201228.22	0.18007	71.12	71.12	0 ANNUAL	ROAD2	5
607307.8	4201228.22	0.2063	70.94	70.94	0 ANNUAL	ROAD2	5
606527.8	4201248.22	0.01411	79.03	79.03	0 ANNUAL	ROAD2	5
606547.8	4201248.22	0.01456	78.85	78.85	0 ANNUAL	ROAD2	5
606567.8	4201248.22	0.01503	78.65	78.65	0 ANNUAL	ROAD2	5
606587.8	4201248.22	0.01553	78.53	78.53	0 ANNUAL	ROAD2	5
606607.8	4201248.22	0.01605	78.41	78.41	0 ANNUAL	ROAD2	5
606627.8	4201248.22	0.01664	78.13	78.13	0 ANNUAL	ROAD2	5
606647.8	4201248.22	0.01727	77.87	77.87	0 ANNUAL	ROAD2	5
606667.8	4201248.22	0.01792	77.71	77.71	0 ANNUAL	ROAD2	5
606687.8	4201248.22	0.01861	77.54	77.54	0 ANNUAL	ROAD2	5
606707.8	4201248.22	0.0194	77.21	77.21	0 ANNUAL	ROAD2	5
606727.8	4201248.22	0.02022	77	77	0 ANNUAL	ROAD2	5
606747.8	4201248.22	0.02112	76.73	76.73	0 ANNUAL	ROAD2	5
606767.8	4201248.22	0.02212	76.4	76.4	0 ANNUAL	ROAD2	5
606787.8	4201248.22	0.02315	76.21	76.21	0 ANNUAL	ROAD2	5
606807.8	4201248.22	0.02434	75.85	75.85	0 ANNUAL	ROAD2	5
606827.8	4201248.22	0.0256	75.6	75.6	0 ANNUAL	ROAD2	5
606847.8	4201248.22	0.02731	75.37	75.37	0 ANNUAL	ROAD2	5
606867.8	4201248.22	0.02895	75.2	75.2	0 ANNUAL	ROAD2	5
606887.8	4201248.22	0.03073	74.94	74.94	0 ANNUAL	ROAD2	5
606907.8	4201248.22	0.03254	74.74	74.74	0 ANNUAL	ROAD2	5
606927.8	4201248.22	0.0345	74.52	74.52	0 ANNUAL	ROAD2	5
606947.8	4201248.22	0.03661	74.41	74.41	0 ANNUAL	ROAD2	5
606967.8	4201248.22	0.039	74.23	74.23	0 ANNUAL	ROAD2	5
606987.8	4201248.22	0.04172	74.01	74.01	0 ANNUAL	ROAD2	5
607007.8	4201248.22	0.04486	73.64	73.64	0 ANNUAL	ROAD2	5
607027.8	4201248.22	0.04843	73.27	73.27	0 ANNUAL	ROAD2	5
607047.8	4201248.22	0.05239	73.05	73.05	0 ANNUAL	ROAD2	5
607067.8	4201248.22	0.0568	72.91	72.91	0 ANNUAL	ROAD2	5
607087.8	4201248.22	0.06182	72.71	72.71	0 ANNUAL	ROAD2	5
607107.8	4201248.22	0.06737	72.58	72.58	0 ANNUAL	ROAD2	5
607127.8	4201248.22	0.07361	72.38	72.38	0 ANNUAL	ROAD2	5
607147.8	4201248.22	0.08047	72.2	72.2	0 ANNUAL	ROAD2	5
607167.8	4201248.22	0.08793	72.06	72.06	0 ANNUAL	ROAD2	5
607187.8	4201248.22	0.09618	71.86	71.86	0 ANNUAL	ROAD2	5
607207.8	4201248.22	0.10522	71.64	71.64	0 ANNUAL	ROAD2	5
607227.8	4201248.22	0.11503	71.48	71.48	0 ANNUAL	ROAD2	5
607247.8	4201248.22	0.12616	71.34	71.34	0 ANNUAL	ROAD2	5
607267.8	4201248.22	0.13982	71.14	71.14	0 ANNUAL	ROAD2	5
607287.8	4201248.22	0.156	71.05	71.05	0 ANNUAL	ROAD2	5
607307.8	4201248.22	0.17574	70.91	70.91	0 ANNUAL	ROAD2	5
606527.8	4201268.22	0.01367	79.16	79.16	0 ANNUAL	ROAD2	5
606547.8	4201268.22	0.01411	78.95	78.95	0 ANNUAL	ROAD2	5
606567.8	4201268.22	0.01457	78.73	78.73	0 ANNUAL	ROAD2	5
606587.8	4201268.22	0.01506	78.54	78.54	0 ANNUAL	ROAD2	5
606607.8	4201268.22	0.01559	78.3	78.3	0 ANNUAL	ROAD2	5
606627.8	4201268.22	0.01614	78.11	78.11	0 ANNUAL	ROAD2	5
606647.8	4201268.22	0.01674	77.89	77.89	0 ANNUAL	ROAD2	5
606667.8	4201268.22	0.01737	77.72	77.72	0 ANNUAL	ROAD2	5
606687.8	4201268.22	0.01808	77.38	77.38	0 ANNUAL	ROAD2	5
606707.8	4201268.22	0.01882	77.17	77.17	0 ANNUAL	ROAD2	5
606727.8	4201268.22	0.01964	76.86	76.86	0 ANNUAL	ROAD2	5
606747.8	4201268.22	0.02054	76.52	76.52	0 ANNUAL	ROAD2	5
606767.8	4201268.22	0.02143	76.43	76.43	0 ANNUAL	ROAD2	5
606787.8	4201268.22	0.02244	76.24	76.24	0 ANNUAL	ROAD2	5
606807.8	4201268.22	0.02358	75.91	75.91	0 ANNUAL	ROAD2	5
606827.8	4201268.22	0.0248	75.65	75.65	0 ANNUAL	ROAD2	5
606847.8	4201268.22	0.02637	75.41	75.41	0 ANNUAL	ROAD2	5
606867.8	4201268.22	0.02803	75.19	75.19	0 ANNUAL	ROAD2	5
606887.8	4201268.22	0.02972	74.95	74.95	0 ANNUAL	ROAD2	5
606907.8	4201268.22	0.03145	74.74	74.74	0 ANNUAL	ROAD2	5
606927.8	4201268.22	0.03332	74.54	74.54	0 ANNUAL	ROAD2	5
606947.8	4201268.22	0.03539	74.34	74.34	0 ANNUAL	ROAD2	5
606967.8	4201268.22	0.03771	74.14	74.14	0 ANNUAL	ROAD2	5
606987.8	4201268.22	0.04034	73.9	73.9	0 ANNUAL	ROAD2	5
607007.8	4201268.22	0.04338	73.49	73.49	0 ANNUAL	ROAD2	5
607027.8	4201268.22	0.0468	73.13	73.13	0 ANNUAL	ROAD2	5
607047.8	4201268.22	0.05052	72.95	72.95	0 ANNUAL	ROAD2	5
607067.8	4201268.22	0.05473	72.71	72.71	0 ANNUAL	ROAD2	5
607087.8	4201268.22	0.05929	72.6	72.6	0 ANNUAL	ROAD2	5
607107.8	4201268.22	0.0643	72.48	72.48	0 ANNUAL	ROAD2	5
607127.8	4201268.22	0.06987	72.25	72.25	0 ANNUAL	ROAD2	5
607147.8	4201268.22	0.07602	71.92	71.92	0 ANNUAL	ROAD2	5
607167.8	4201268.22	0.08214	71.9	71.9	0 ANNUAL	ROAD2	5
607187.8	4201268.22	0.08876	71.77	71.77	0 ANNUAL	ROAD2	5
607207.8	4201268.22	0.09608	71.52	71.52	0 ANNUAL	ROAD2	5
607227.8	4201268.22	0.10408	71.31	71.31	0 ANNUAL	ROAD2	5
607247.8	4201268.22	0.11301	71.22	71.22	0 ANNUAL	ROAD2	5
607267.8	4201268.22	0.12423	71.01	71.01	0 ANNUAL	ROAD2	5

607147.8	4201088.22	0.26433
607167.8	4201088.22	0.29823
607187.8	4201088.22	0.34172
607207.8	4201088.22	0.39951
607227.8	4201088.22	0.47986
607247.8	4201088.22	0.59894
607267.8	4201088.22	0.79269
607287.8	4201088.22	1.15797
607307.8	4201088.22	2.03513
606527.8	4201108.22	0.05442
606547.8	4201108.22	0.05597
606567.8	4201108.22	0.05763
606587.8	4201108.22	0.05938
606607.8	4201108.22	0.06126
606627.8	4201108.22	0.06324
606647.8	4201108.22	0.06533
606667.8	4201108.22	0.06757
606687.8	4201108.22	0.06997
606707.8	4201108.22	0.07255
606727.8	4201108.22	0.07527
606747.8	4201108.22	0.0782
606767.8	4201108.22	0.08137
606787.8	4201108.22	0.08472
606807.8	4201108.22	0.08834
606827.8	4201108.22	0.09227
606847.8	4201108.22	0.09652
606867.8	4201108.22	0.10083
606887.8	4201108.22	0.10538
606907.8	4201108.22	0.11081
606927.8	4201108.22	0.11682
606947.8	4201108.22	0.12348
606967.8	4201108.22	0.13086
606987.8	4201108.22	0.13909
607007.8	4201108.22	0.14843
607027.8	4201108.22	0.15901
607047.8	4201108.22	0.17126
607067.8	4201108.22	0.18551
607087.8	4201108.22	0.2021
607107.8	4201108.22	0.22176
607127.8	4201108.22	0.2453
607147.8	4201108.22	0.27407
607167.8	4201108.22	0.30976
607187.8	4201108.22	0.35552
607207.8	4201108.22	0.41617
607227.8	4201108.22	0.50008
607247.8	4201108.22	0.62316
607267.8	4201108.22	0.81929
607287.8	4201108.22	1.17287
607307.8	4201108.22	1.93063
606527.8	4201128.22	0.05469
606547.8	4201128.22	0.05629
606567.8	4201128.22	0.05798
606587.8	4201128.22	0.05974
606607.8	4201128.22	0.06165
606627.8	4201128.22	0.06367
606647.8	4201128.22	0.06579
606667.8	4201128.22	0.06809
606687.8	4201128.22	0.07058
606707.8	4201128.22	0.07323
606727.8	4201128.22	0.07602
606747.8	4201128.22	0.07903
606767.8	4201128.22	0.08227
606787.8	4201128.22	0.08569
606807.8	4201128.22	0.08937
606827.8	4201128.22	0.09337
606847.8	4201128.22	0.09777
606867.8	4201128.22	0.10227
606887.8	4201128.22	0.10709
606907.8	4201128.22	0.11266
606927.8	4201128.22	0.11886
606947.8	4201128.22	0.12573
606967.8	4201128.22	0.1334
606987.8	4201128.22	0.14198
607007.8	4201128.22	0.15164
607027.8	4201128.22	0.16258
607047.8	4201128.22	0.17527
607067.8	4201128.22	0.18999
607087.8	4201128.22	0.20731
607107.8	4201128.22	0.22764
607127.8	4201128.22	0.25215
607147.8	4201128.22	0.28205
607167.8	4201128.22	0.31917
607187.8	4201128.22	0.36673
607207.8	4201128.22	0.42971
607227.8	4201128.22	0.51667
607247.8	4201128.22	0.64378
607267.8	4201128.22	0.84488
607287.8	4201128.22	1.20172
607307.8	4201128.22	1.93945
606527.8	4201148.22	0.05494
606547.8	4201148.22	0.05655
606567.8	4201148.22	0.05825
606587.8	4201148.22	0.06005
606607.8	4201148.22	0.06198
606627.8	4201148.22	0.06398
606647.8	4201148.22	0.06619
606667.8	4201148.22	0.06854
606687.8	4201148.22	0.07108
606707.8	4201148.22	0.07378
606727.8	4201148.22	0.07668
606747.8	4201148.22	0.07973
606767.8	4201148.22	0.08296
606787.8	4201148.22	0.08647
606807.8	4201148.22	0.09023
606827.8	4201148.22	0.09432
606847.8	4201148.22	0.09877
606867.8	4201148.22	0.10338
606887.8	4201148.22	0.10856
606907.8	4201148.22	0.11423
606927.8	4201148.22	0.1206
606947.8	4201148.22	0.12768
606967.8	4201148.22	0.13563
606987.8	4201148.22	0.14453
607007.8	4201148.22	0.15449
607027.8	4201148.22	0.16573
607047.8	4201148.22	0.17877
607067.8	4201148.22	0.19388
607087.8	4201148.22	0.2117
607107.8	4201148.22	0.23278
607127.8	4201148.22	0.25819
607147.8	4201148.22	0.28897
607167.8	4201148.22	0.32739
607187.8	4201148.22	0.37665
607207.8	4201148.22	0.44192
607227.8	4201148.22	0.53207
607247.8	4201148.22	0.66377
607267.8	4201148.22	0.87134
607287.8	4201148.22	1.23508
607307.8	4201148.22	1.97295
606527.8	4201168.22	0.05513
606547.8	4201168.22	0.05675
606567.8	4201168.22	0.05845
606587.8	4201168.22	0.06028
606607.8	4201168.22	0.06221
606627.8	4201168.22	0.06425
606647.8	4201168.22	0.06649
606667.8	4201168.22	0.06889
606687.8	4201168.22	0.07144
606707.8	4201168.22	0.07423
606727.8	4201168.22	0.07721
606747.8	4201168.22	0.08032
606767.8	4201168.22	0.08363
606787.8	4201168.22	0.08717
606807.8	4201168.22	0.091
606827.8	4201168.22	0.09511
606847.8	4201168.22	0.09963
606867.8	4201168.22	0.10434
606887.8	4201168.22	0.10971
606907.8	4201168.22	0.11556
606927.8	4201168.22	0.12208
606947.8	4201168.22	0.12936
606967.8	4201168.22	0.13751
606987.8	4201168.22	0.14663
607007.8	4201168.22	0.15685
607027.8	4201168.22	0.16844
607047.8	4201168.22	0.18191
607067.8	4201168.22	0.19742
607087.8	4201168.22	0.21557
607107.8	4201168.22	0.23737
607127.8	4201168.22	0.26334
607147.8	4201168.22	0.29506
607167.8	4201168.22	0.33468
607187.8	4201168.22	0.38565
607207.8	4201168.22	0.45299
607227.8	4201168.22	0.54633
607247.8	4201168.22	0.68282
607267.8	4201168.22	0.89764
607287.8	4201168.22	1.27431
607307.8	4201168.22	2.03248
606527.8	4201188.22	0.0553
606547.8	4201188.22	0.0569
606567.8	4201188.22	0.05862
606587.8	4201188.22	0.06045
606607.8	4201188.22	0.06238
606627.8	4201188.22	0.06445
606647.8	4201188.22	0.06671
606667.8	4201188.22	0.06913
606687.8	4201188.22	0.07177
606707.8	4201188.22	0.07458
606727.8	4201188.22	0.07759
606747.8	4201188.22	0.08077
606767.8	4201188.22	0.08415
606787.8	4201188.22	0.08776
606807.8	4201188.22	0.09165
606827.8	4201188.22	0.09582
606847.8	4201188.22	0.10039
606867.8	4201188.22	0.10517
606887.8	4201188.22	0.11072
606907.8	4201188.22	0.11671
606927.8	4201188.22	0.12331
606947.8	4201188.22	0.13078
606967.8	4201188.22	0.13909
606987.8	4201188.22	0.14843
607007.8	4201188.22	0.15888
607027.8	4201188.22	0.17088
607047.8	4201188.22	0.18466
607067.8	4201188.22	0.20052
607087.8	4201188.22	0.21912
607107.8	4201188.22	0.24125
607127.8	4201188.22	0.26783
607147.8	4201188.22	0.30059
607167.8	4201188.22	0.34155
607187.8	4201188.22	0.39403
607207.8	4201188.22	0.46371
607227.8	4201188.22	0.56047
607247.8	4201188.22	0.70128
607267.8	4201188.22	0.92189
607287.8	4201188.22	1.31007
607307.8	4201188.22	2.09956
606527.8	4201208.22	0.05541
606547.8	4201208.22	0.05704
606567.8	4201208.22	0.05874
606587.8	4201208.22	0.06057
606607.8	4201208.22	0.06251
606627.8	4201208.22	0.06461
606647.8	4201208.22	0.06687
606667.8	4201208.22	0.06936
606687.8	4201208.22	0.07198
606707.8	4201208.22	0.07478
606727.8	4201208.22	0.07783
606747.8	4201208.22	0.08104
606767.8	4201208.22	0.08449
606787.8	4201208.22	0.08815
606807.8	4201208.22	0.09214
606827.8	4201208.22	0.09641
606847.8	4201208.22	0.10094
606867.8	4201208.22	0.10602
606887.8	4201208.22	0.11151
606907.8	4201208.22	0.11759
606927.8	4201208.22	0.12438
606947.8	4201208.22	0.13193
606967.8	4201208.22	0.1404
606987.8	4201208.22	0.14993
607007.8	4201208.22	0.16063
607027.8	4201208.22	0.17298
607047.8	4201208.22	0.18702
607067.8	4201208.22	0.20328
607087.8	4201208.22	0.22237
607107.8	4201208.22	0.24481
607127.8	4201208.22	0.27202
607147.8	4201208.22	0.30536
607167.8	4201208.22	0.34711
607187.8	4201208.22	0.40095
607207.8	4201208.22	0.47316
607227.8	4201208.22	0.57245
607247.8	4201208.22	0.71796
607267.8	4201208.22	0.94285
607287.8	4201208.22	1.34409
607307.8	4201208.22	2.16176
606527.8	4201228.22	0.0555
606547.8	4201228.22	0.05712
606567.8	4201228.22	0.05885
606587.8	4201228.22	0.06064
606607.8	4201228.22	0.06262
606627.8	4201228.22	0.06472
606647.8	4201228.22	0.06702
606667.8	4201228.22	0.06949
606687.8	4201228.22	0.0721
606707.8	4201228.22	0.07491
606727.8	4201228.22	0.07795
606747.8	4201228.22	0.08122
606767.8	4201228.22	0.08472
606787.8	4201228.22	0.08846
606807.8	4201228.22	0.0925
606827.8	4201228.22	0.09686
606847.8	4201228.22	0.10166
606867.8	4201228.22	0.10663
606887.8	4201228.22	0.11221
606907.8	4201228.22	0.11829
606927.8	4201228.22	0.12514
606947.8	4201228.22	0.13282
606967.8	4201228.22	0.14142
606987.8	4201228.22	0.15105
607007.8	4201228.22	0.16206
607027.8	4201228.22	0.17476
607047.8	4201228.22	0.18904
607067.8	4201228.22	0.20557
607087.8	4201228.22	0.22495
607107.8	4201228.22	0.24781
607127.8	4201228.22	0.27567
607147.8	4201228.22	0.30935
607167.8	4201228.22	0.35238
607187.8	4201228.22	0.40744
607207.8	4201228.22	0.48124
607227.8	4201228.22	0.58263
607247.8	4201228.22	0.73206
607267.8	4201228.22	0.9652
607287.8	4201228.22	1.37476
607307.8	4201228.22	2.21814
606527.8	4201248.22	0.05555
606547.8	4201248.22	0.05719
606567.8	4201248.22	0.05894
606587.8	4201248.22	0.06076
606607.8	4201248.22	0.0627
606627.8	4201248.22	0.06485
606647.8	4201248.22	0.06714
606667.8	4201248.22	0.06955
606687.8	4201248.22	0.07215
606707.8	4201248.22	0.07503
606727.8	4201248.22	0.07806
606747.8	4201248.22	0.08134
606767.8	4201248.22	0.08489
606787.8	4201248.22	0.08862
606807.8	4201248.22	0.09274
606827.8	4201248.22	0.0972
606847.8	4201248.22	0.10203
606867.8	4201248.22	0.10706
606887.8	4201248.22	0.11263
606907.8	4201248.22	0.11887
606927.8	4201248.22	0.12581
606947.8	4201248.22	0.13346
606967.8	4201248.22	0.14211
606987.8	4201248.22	0.15181
607007.8	4201248.22	0.1631
607027.8	4201248.22	0.17602
607047.8	4201248.22	0.19058
607067.8	4201248.22	0.20734
607087.8	4201248.22	0.22707
607107.8	4201248.22	0.25041
607127.8	4201248.22	0.27877
607147.8	4201248.22	0.31355
607167.8	4201248.22	0.35692
607187.8	4201248.22	0.4131
607207.8	4201248.22	0.48799
607227.8	4201248.22	0.59095
607247.8	4201248.22	0.74098
607267.8	4201248.22	0.98076
607287.8	4201248.22	1.39624
607307.8	4201248.22	2.25472
606527.8	4201268.22	0.0556
606547.8	4201268.22	0.05724
606567.8	4201268.22	0.059
606587.8	4201268.22	0.06085
606607.8	4201268.22	0.06284
606627.8	4201268.22	0.06494
606647.8	4201268.22	0.0672
606667.8	4201268.22	0.0696
606687.8	4201268.22	0.07229
606707.8	4201268.22	0.0751
606727.8	4201268.22	0.07818
606747.8	4201268.22	0.08152
606767.8	4201268.22	0.08494
606787.8	4201268.22	0.08869
606807.8	4201268.22	0.0928
606827.8	4201268.22	0.09723
606847.8	4201268.22	0.10229
606867.8	4201268.22	0.10732
606887.8	4201268.22	0.11291
606907.8	4201268.22	0.11917
606927.8	4201268.22	0.12613
606947.8	4201268.22	0.13391
606967.8	4201268.22	0.14263
606987.8	4201268.22	0.15242
607007.8	4201268.22	0.16384
607027.8	4201268.22	0.17687
607047.8	4201268.22	0.19158
607067.8	4201268.22	0.20872
607087.8	4201268.22	0.22864
607107.8	4201268.22	0.2523
607127.8	4201268.22	0.28122
607147.8	4201268.22	0.3174
607167.8	4201268.22	0.36108
607187.8	4201268.22	0.41782
607207.8	4201268.22	0.49431
607227.8	4201268.22	0.59971
607247.8	4201268.22	0.75095
607267.8	4201268.22	0.99142

607287.8	4201268.22	24733.56025	70.94	70.94	0 ANNUAL	AREA3	5
607307.8	4201268.22	24171.1412	70.92	70.92	0 ANNUAL	AREA3	5
606527.8	4201288.22	55346.23773	79.35	79.35	0 ANNUAL	AREA3	5
606547.8	4201288.22	54552.52443	79.03	79.03	0 ANNUAL	AREA3	5
606567.8	4201288.22	53749.8736	78.73	78.73	0 ANNUAL	AREA3	5
606587.8	4201288.22	52931.30649	78.37	78.37	0 ANNUAL	AREA3	5
606607.8	4201288.22	52109.44856	78.07	78.07	0 ANNUAL	AREA3	5
606627.8	4201288.22	51275.79033	77.89	77.89	0 ANNUAL	AREA3	5
606647.8	4201288.22	50434.76436	77.73	77.73	0 ANNUAL	AREA3	5
606667.8	4201288.22	49574.09535	77.49	77.49	0 ANNUAL	AREA3	5
606687.8	4201288.22	48695.81118	77.26	77.26	0 ANNUAL	AREA3	5
606707.8	4201288.22	47794.60205	76.91	76.91	0 ANNUAL	AREA3	5
606727.8	4201288.22	46882.85942	76.75	76.75	0 ANNUAL	AREA3	5
606747.8	4201288.22	45948.93938	76.48	76.48	0 ANNUAL	AREA3	5
606767.8	4201288.22	45005.34021	76.32	76.32	0 ANNUAL	AREA3	5
606787.8	4201288.22	44049.95446	76.19	76.19	0 ANNUAL	AREA3	5
606807.8	4201288.22	43085.03792	76	76	0 ANNUAL	AREA3	5
606827.8	4201288.22	42113.93921	75.75	75.75	0 ANNUAL	AREA3	5
606847.8	4201288.22	41142.05591	75.45	75.45	0 ANNUAL	AREA3	5
606867.8	4201288.22	40180.32147	75.26	75.26	0 ANNUAL	AREA3	5
606887.8	4201288.22	39227.73622	75.04	75.04	0 ANNUAL	AREA3	5
606907.8	4201288.22	38286.92351	74.76	74.76	0 ANNUAL	AREA3	5
606927.8	4201288.22	37363.82174	74.5	74.5	0 ANNUAL	AREA3	5
606947.8	4201288.22	36460.18446	74.24	74.24	0 ANNUAL	AREA3	5
606967.8	4201288.22	35579.70799	74.05	74.05	0 ANNUAL	AREA3	5
606987.8	4201288.22	34718.30434	73.77	73.77	0 ANNUAL	AREA3	5
607007.8	4201288.22	33875.47815	73.36	73.36	0 ANNUAL	AREA3	5
607027.8	4201288.22	33057.65396	73.03	73.03	0 ANNUAL	AREA3	5
607047.8	4201288.22	32266.45464	72.85	72.85	0 ANNUAL	AREA3	5
607067.8	4201288.22	31496.07397	72.64	72.64	0 ANNUAL	AREA3	5
607087.8	4201288.22	30747.41327	72.45	72.45	0 ANNUAL	AREA3	5
607107.8	4201288.22	30021.40233	72.33	72.33	0 ANNUAL	AREA3	5
607127.8	4201288.22	29310.07201	72	72	0 ANNUAL	AREA3	5
607147.8	4201288.22	28618.72322	71.67	71.67	0 ANNUAL	AREA3	5
607167.8	4201288.22	27951.60524	71.54	71.54	0 ANNUAL	AREA3	5
607187.8	4201288.22	27305.65772	71.52	71.52	0 ANNUAL	AREA3	5
607207.8	4201288.22	26674.92318	71.36	71.36	0 ANNUAL	AREA3	5
607227.8	4201288.22	26059.69848	71.08	71.08	0 ANNUAL	AREA3	5
607247.8	4201288.22	25465.75789	70.95	70.95	0 ANNUAL	AREA3	5
607267.8	4201288.22	24891.09916	70.91	70.91	0 ANNUAL	AREA3	5
607287.8	4201288.22	24332.79017	70.83	70.83	0 ANNUAL	AREA3	5
607307.8	4201288.22	23792.69769	70.82	70.82	0 ANNUAL	AREA3	5
606527.8	4201308.22	52989.82844	79.46	79.46	0 ANNUAL	AREA3	5
606547.8	4201308.22	52246.56561	79.1	79.1	0 ANNUAL	AREA3	5
606567.8	4201308.22	51488.57357	78.58	78.58	0 ANNUAL	AREA3	5
606587.8	4201308.22	50718.59762	78.1	78.1	0 ANNUAL	AREA3	5
606607.8	4201308.22	49952.50461	77.87	77.87	0 ANNUAL	AREA3	5
606627.8	4201308.22	49166.76446	77.51	77.51	0 ANNUAL	AREA3	5
606647.8	4201308.22	48380.16182	77.3	77.3	0 ANNUAL	AREA3	5
606667.8	4201308.22	47583.14379	77.18	77.18	0 ANNUAL	AREA3	5
606687.8	4201308.22	46770.20399	77.04	77.04	0 ANNUAL	AREA3	5
606707.8	4201308.22	45938.79566	76.82	76.82	0 ANNUAL	AREA3	5
606727.8	4201308.22	45093.60996	76.64	76.64	0 ANNUAL	AREA3	5
606747.8	4201308.22	44227.5107	76.32	76.32	0 ANNUAL	AREA3	5
606767.8	4201308.22	43357.16402	76.21	76.21	0 ANNUAL	AREA3	5
606787.8	4201308.22	42475.98326	76.13	76.13	0 ANNUAL	AREA3	5
606807.8	4201308.22	41586.94965	76.03	76.03	0 ANNUAL	AREA3	5
606827.8	4201308.22	40686.54817	75.75	75.75	0 ANNUAL	AREA3	5
606847.8	4201308.22	39788.50074	75.54	75.54	0 ANNUAL	AREA3	5
606867.8	4201308.22	38892.56869	75.29	75.29	0 ANNUAL	AREA3	5
606887.8	4201308.22	38006.8643	75.11	75.11	0 ANNUAL	AREA3	5
606907.8	4201308.22	37129.25556	74.84	74.84	0 ANNUAL	AREA3	5
606927.8	4201308.22	36266.39123	74.59	74.59	0 ANNUAL	AREA3	5
606947.8	4201308.22	35416.60888	74.23	74.23	0 ANNUAL	AREA3	5
606967.8	4201308.22	34590.75302	74.05	74.05	0 ANNUAL	AREA3	5
606987.8	4201308.22	33776.91347	73.63	73.63	0 ANNUAL	AREA3	5
607007.8	4201308.22	32985.06689	73.27	73.27	0 ANNUAL	AREA3	5
607027.8	4201308.22	32215.39909	72.97	72.97	0 ANNUAL	AREA3	5
607047.8	4201308.22	31470.15759	72.82	72.82	0 ANNUAL	AREA3	5
607067.8	4201308.22	30741.38136	72.55	72.55	0 ANNUAL	AREA3	5
607087.8	4201308.22	30033.43263	72.33	72.33	0 ANNUAL	AREA3	5
607107.8	4201308.22	29341.43703	71.99	71.99	0 ANNUAL	AREA3	5
607127.8	4201308.22	28670.5142	71.76	71.76	0 ANNUAL	AREA3	5
607147.8	4201308.22	28014.78269	71.41	71.41	0 ANNUAL	AREA3	5
607167.8	4201308.22	27377.36643	71.09	71.09	0 ANNUAL	AREA3	5
607187.8	4201308.22	26764.64532	71.09	71.09	0 ANNUAL	AREA3	5
607207.8	4201308.22	26166.58742	71.01	71.01	0 ANNUAL	AREA3	5
607227.8	4201308.22	25581.48815	70.78	70.78	0 ANNUAL	AREA3	5
607247.8	4201308.22	25014.88569	70.66	70.66	0 ANNUAL	AREA3	5
607267.8	4201308.22	24466.15686	70.65	70.65	0 ANNUAL	AREA3	5
607287.8	4201308.22	23933.18899	70.65	70.65	0 ANNUAL	AREA3	5
607307.8	4201308.22	23416.1193	70.69	70.69	0 ANNUAL	AREA3	5
606527.8	4201328.22	50796.01254	79.49	79.49	0 ANNUAL	AREA3	5
606547.8	4201328.22	50096.57677	78.98	78.98	0 ANNUAL	AREA3	5
606567.8	4201328.22	49383.74664	78.36	78.36	0 ANNUAL	AREA3	5
606587.8	4201328.22	48653.39935	77.62	77.62	0 ANNUAL	AREA3	5
606607.8	4201328.22	47921.54507	77.02	77.02	0 ANNUAL	AREA3	5
606627.8	4201328.22	47187.4174	76.69	76.69	0 ANNUAL	AREA3	5
606647.8	4201328.22	46459.40334	76.64	76.64	0 ANNUAL	AREA3	5
606667.8	4201328.22	45720.32219	76.62	76.62	0 ANNUAL	AREA3	5
606687.8	4201328.22	44968.52934	76.61	76.61	0 ANNUAL	AREA3	5
606707.8	4201328.22	44207.13161	76.7	76.7	0 ANNUAL	AREA3	5
606727.8	4201328.22	43422.24791	76.52	76.52	0 ANNUAL	AREA3	5
606747.8	4201328.22	42623.25466	76.33	76.33	0 ANNUAL	AREA3	5
606767.8	4201328.22	41810.0245	76.05	76.05	0 ANNUAL	AREA3	5
606787.8	4201328.22	40991.04889	75.91	75.91	0 ANNUAL	AREA3	5
606807.8	4201328.22	40168.72803	75.86	75.86	0 ANNUAL	AREA3	5
606827.8	4201328.22	39338.3968	75.73	75.73	0 ANNUAL	AREA3	5
606847.8	4201328.22	38504.28695	75.54	75.54	0 ANNUAL	AREA3	5
606867.8	4201328.22	37671.9849	75.34	75.34	0 ANNUAL	AREA3	5
606887.8	4201328.22	36843.9159	75.1	75.1	0 ANNUAL	AREA3	5
606907.8	4201328.22	36026.34236	74.91	74.91	0 ANNUAL	AREA3	5
606927.8	4201328.22	35218.30183	74.66	74.66	0 ANNUAL	AREA3	5
606947.8	4201328.22	34422.36825	74.35	74.35	0 ANNUAL	AREA3	5
606967.8	4201328.22	33641.97697	74.03	74.03	0 ANNUAL	AREA3	5
606987.8	4201328.22	32879.16098	73.72	73.72	0 ANNUAL	AREA3	5
607007.8	4201328.22	32131.5553	73.32	73.32	0 ANNUAL	AREA3	5
607027.8	4201328.22	31402.51103	72.92	72.92	0 ANNUAL	AREA3	5
607047.8	4201328.22	30700.42439	72.83	72.83	0 ANNUAL	AREA3	5
607067.8	4201328.22	30011.2404	72.55	72.55	0 ANNUAL	AREA3	5
607087.8	4201328.22	29336.34107	72.13	72.13	0 ANNUAL	AREA3	5
607107.8	4201328.22	28680.65049	71.77	71.77	0 ANNUAL	AREA3	5
607127.8	4201328.22	28039.0498	71.3	71.3	0 ANNUAL	AREA3	5
607147.8	4201328.22	27414.45181	70.84	70.84	0 ANNUAL	AREA3	5
607167.8	4201328.22	26808.06443	70.46	70.46	0 ANNUAL	AREA3	5
607187.8	4201328.22	26227.34356	70.5	70.5	0 ANNUAL	AREA3	5
607207.8	4201328.22	25662.1753	70.57	70.57	0 ANNUAL	AREA3	5
607227.8	4201328.22	25107.33104	70.45	70.45	0 ANNUAL	AREA3	5
607247.8	4201328.22	24568.05127	70.38	70.38	0 ANNUAL	AREA3	5
607267.8	4201328.22	24043.62376	70.35	70.35	0 ANNUAL	AREA3	5
607287.8	4201328.22	23536.9656	70.51	70.51	0 ANNUAL	AREA3	5
607307.8	4201328.22	23041.53433	70.55	70.55	0 ANNUAL	AREA3	5
606527.8	4201348.22	48745.46806	79.36	79.36	0 ANNUAL	AREA3	5
606547.8	4201348.22	48079.83078	78.49	78.49	0 ANNUAL	AREA3	5
606567.8	4201348.22	47396.21519	77.47	77.47	0 ANNUAL	AREA3	5
606587.8	4201348.22	46707.73727	76.69	76.69	0 ANNUAL	AREA3	5
606607.8	4201348.22	46020.01089	76.08	76.08	0 ANNUAL	AREA3	5
606627.8	4201348.22	45336.98364	75.84	75.84	0 ANNUAL	AREA3	5
606647.8	4201348.22	44659.49262	75.84	75.84	0 ANNUAL	AREA3	5
606667.8	4201348.22	43972.79474	75.88	75.88	0 ANNUAL	AREA3	5
606687.8	4201348.22	43274.13587	75.91	75.91	0 ANNUAL	AREA3	5
606707.8	4201348.22	42571.4451	76.14	76.14	0 ANNUAL	AREA3	5
606727.8	4201348.22	41853.33624	76.29	76.29	0 ANNUAL	AREA3	5
606747.8	4201348.22	41118.90725	76.34	76.34	0 ANNUAL	AREA3	5
606767.8	4201348.22	40361.91255	76.03	76.03	0 ANNUAL	AREA3	5
606787.8	4201348.22	39598.64987	75.81	75.81	0 ANNUAL	AREA3	5
606807.8	4201348.22	38825.84019	75.54	75.54	0 ANNUAL	AREA3	5
606827.8	4201348.22	38058.33762	75.54	75.54	0 ANNUAL	AREA3	5
606847.8	4201348.22	37286.46124	75.49	75.49	0 ANNUAL	AREA3	5
606867.8	4201348.22	36510.95075	75.31	75.31	0 ANNUAL	AREA3	5
606887.8	4201348.22	35738.63722	75.11	75.11	0 ANNUAL	AREA3	5
606907.8	4201348.22	34974.31527	74.95	74.95	0 ANNUAL	AREA3	5
606927.8	4201348.22	34217.31613	74.72	74.72	0 ANNUAL	AREA3	5
606947.8	4201348.22	33471.6389	74.48	74.48	0 ANNUAL	AREA3	5
606967.8	4201348.22	32737.73717	74.18	74.18	0 ANNUAL	AREA3	5
606987.8	4201348.22	32020.59492	73.94	73.94	0 ANNUAL	AREA3	5
607007.8	4201348.22	31316.3862	73.6	73.6	0 ANNUAL	AREA3	5
607027.8	4201348.22	30620.72517	72.96	72.96	0 ANNUAL	AREA3	5
607047.8	4201348.22	29952.24241	72.7	72.7	0 ANNUAL	AREA3	5
607067.8	4201348.22	29293.14334	72.16	72.16	0 ANNUAL	AREA3	5
607087.8	4201348.22	28653.00413	71.71	71.71	0 ANNUAL	AREA3	5
607107.8	4201348.22	28029.70572	71.28	71.28	0 ANNUAL	AREA3	5
607127.8	4201348.22	27417.79748	70.68	70.68	0 ANNUAL	AREA3	5
607147.8	4201348.22	26826.72893	70.29	70.29	0 ANNUAL	AREA3	5
607167.8	4201348.22	26253.02684	70	70	0 ANNUAL	AREA3	5
607187.8	4201348.22	25699.15186	69.94	69.94	0 ANNUAL	AREA3	5
607207.8	4201348.22	25163.58873	70.08	70.08	0 ANNUAL	AREA3	5
607227.8	4201348.22	24638.32752	70.1	70.1	0 ANNUAL	AREA3	5
607247.8	4201348.22	24124.44732	70.04	70.04	0 ANNUAL	AREA3	5
607267.8	4201348.22	23625.52907	70.09	70.09	0 ANNUAL	AREA3	5
607287.8	4201348.22	23143.01113	70.33	70.33	0 ANNUAL	AREA3	5
607307.8	4201348.22	22669.62098	70.42	70.42	0 ANNUAL	AREA3	5
606527.8	4201368.22	46806.8626	78.48	78.71	0 ANNUAL	AREA3	5
606547.8	4201368.22	46159.07142	77.1	78.85	0 ANNUAL	AREA3	5
606567.8	4201368.22	45517.0695	76.21	76.21	0 ANNUAL	AREA3	5
606587.8	4201368.22	44881.29011	75.7	75.7	0 ANNUAL	AREA3	5
606607.8	4201368.22	44244.57904	75.28	75.28	0 ANNUAL	AREA3	5
606627.8	4201368.22	43597.18462	74.86	74.86	0 ANNUAL	AREA3	5
606647.8	4201368.22	42959.21445	74.74	74.74	0 ANNUAL	AREA3	5
606667.8	4201368.22	42323.52387	74.88	74.88	0 ANNUAL	AREA3	5
606687.8	4201368.22	41680.35128	75.09	75.09	0 ANNUAL	AREA3	5
606707.8	4201368.22	41027.9057	75.35	75.35	0 ANNUAL	AREA3	5
606727.8	4201368.22	40372.75052	75.84	75.84	0 ANNUAL	AREA3	5
606747.8	4201368.22	39698.94449	76.15	76.15	0 ANNUAL	AREA3	5
606767.8	4201368.22	39000.19335	76.05	76.05	0 ANNUAL	AREA3	5
606787.8	4201368.22	38283.94232	75.67	75.67	0 ANNUAL	AREA3	5
606807.8	4201368.22	37564.51594	75.42	75.42	0 ANNUAL	AREA3	5
606827.8	4201368.22	36847.07521	75.35	75.35	0 ANNUAL	AREA3	5
606847.8	4201368.22	36123.9375	75.2	75.2	0 ANNUAL	AREA3	5
606867.8	4201368.22	35401.64473	75.08	75.08	0 ANNUAL	AREA3	5
606887.8	4201368.22	34679.84289	74.9	74.9	0 ANNUAL	AREA3	5
606907.8	4201368.22	33964.35959	74.76	74.76	0 ANNUAL	AREA3	5
606927.8	4201368.22	33255.86213	74.6	74.6	0 ANNUAL	AREA3	5
606947.8	4201368.22	32556.66661	74.43	74.43	0 ANNUAL	AREA3	5
606967.8	4201368.22	31872.00274	74.37	74.37	0 ANNUAL	AREA3	5
606987.8	4201368.22	31193.57582	74.07	74.07	0 ANNUAL	AREA3	5
607007.8	4201368.22	30530.7043	73.83	73.83	0 ANNUAL	AREA3	5
607027.8	4201368.22	29866.24386	72.97	72.97	0 ANNUAL	AREA3	5
607047.8	4201368.22	29224.35174	72.38	72.38	0 ANNUAL	AREA3	5
607067.8	4201368.22	28590.75229	71.52	71.52	0 ANNUAL	AREA3	5
607087.8	4201368.22	27978.88175	70.89	70.89	0 ANNUAL	AREA3	5
607107.8	4201368.22	27391.62556	70.61	70.61	0 ANNUAL	AREA3	5
607127.8	4201368.22	26817.4341	70.28	70.28	0 ANNUAL	AREA3	5
607147.8	4201368.22	26254.86154	69.85	69.85	0 ANNUAL	AREA3	5
607167.8	4201368.22	25708.0522	69.5	69.5	0 ANNUAL	AREA3	5
607187.8	4201368.22	25177.79435	69.28	69.28	0 ANNUAL	AREA3	5
607207.8	4201368.22	24667.9267	69.39	69.39	0 ANNUAL	AREA3	5
607227.8	4201368.22	24171.89747	69.58	69.58	0 ANNUAL	AREA3	5
607247.8	4201368.22	23684.88198	69.65	69.65	0 ANNUAL	AREA3	5
607267.8	4201368.22	23208.84965	69.7	69.7	0 ANNUAL	AREA3	5
607287.8	4201368.22	22749.77734	70.02	70.02	0 ANNUAL	AREA3	5
607307.8	4201368.22	22299.93277	70.27	70.27	0 ANNUAL	AREA3	5
606527.8	4201388.22	44905.84436	75.7	81.06	0 ANNUAL	AREA3	5
606547.8	4201388.22	44308.17224	74.88	80.41	0 ANNUAL	AREA3	5
606567.8	4201388.22	43722.34305	74.43	74.43	0 ANNUAL	AREA3	5
606587.8	4201388.22	43150.2049	74.41	74.41	0 ANNUAL	AREA3	5
606607.8	4201388.22	42574.57011	74.42	74.42	0 ANNUAL	AREA3	5
606627.8	4201388.22	41982.4011	74.25	74.25	0 ANNUAL	AREA3	5
606647.8	4201388.22	41385.16721	74.16	74.16	0 ANNUAL	AREA3	5
606667.8	4201388.22	40781.24907	74.07	74.07	0 ANNUAL	AREA3	5
606687.8	4201388.22	40176.25416	74.15	74.15	0 ANNUAL	AREA3	5
606707.8	4201388.22	39568.22589	74.39	74.39	0 ANNUAL	AREA3	5
606727.8	4201388.22	38961.069	74.91	74.91	0 ANNUAL	AREA3	5
606747.8	4201388.22	38354.49423	75.77	75.77	0 ANNUAL	AREA3	5
606767.8	4201388.22	37710.24313	75.89	75.89	0 ANNUAL	AREA3	5
606787.8	4201388.22	37040.25929	75.47	75.47	0 ANNUAL	AREA3	5
606807.8	4201388.22	36373.51082	75.36	75.36	0 ANNUAL	AREA3	5
606827.8	4201388.22	35700.69653	75.2	75.2	0 ANNUAL	AREA3	5
606847.8	4201388.22	35022.43257	74.97	74.97	0 ANNUAL	AREA3	5
606867.8	4201388.22	34342.79083	74.72	74.72	0 ANNUAL	AREA3	5
606887.8	4201388.22	33667.06235	74.55	74.55	0 ANNUAL	AREA3	5
606907.8	4201388.22	32995.37767	74.39	74.39	0 ANNUAL	AREA3	5
606927.8	4201388.22	32332.12934	74.31	74.31	0 ANNUAL	AREA3	5
606947.8	4201388.22	31677.54407	74.26	74.26	0 ANNUAL	AREA3	5
606967.8	4201388.22	31033.77365	74.26	74.26	0 ANNUAL	AREA3	5
606987.8	4201388.22	30398.78257	74.18	74.18	0 ANNUAL	AREA3	5
607007.8	4201388.22	29768.6049	73.82	73.82	0 ANNUAL	AREA3	5
607027.8	4201388.22	29119.64102	72.26	72.99	0 ANNUAL	AREA3	5
607047.8	4201388.22	28505.89905	71.49	71.49	0 ANNUAL	AREA3	5
607067.8	4201388.22	27904.14758	70.64	70.64	0 ANNUAL	AREA3	5
607087.8	4201388.22	27327.15088	70.16	70.16	0 ANNUAL	AREA3	5
607107.8	4201388.22	26771.39191	69.95	69.95	0 ANNUAL	AREA3	5
607127.8	4201388.22	26228.71242	69.73	69.73	0 ANNUAL	AREA3	5
607147.8	4201388.22	25695.96744	69.39	69.39	0 ANNUAL	AREA3	5
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607187.8	4201388.22	24670.40666	68.79	68.79	0 ANNUAL	AREA3	5
607207.8	4201388.22	24178.48168	68.61	68.61	0 ANNUAL	AREA3	5
607227.8	4201388.22	23708.88996	68.9	68.9	0 ANNUAL	AREA3	5
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607267.8	4201388.22	22796.97408	69.31	69.31	0 ANNUAL	AREA3	5
607287.8	4201388.22	22362.28175	69.81	69.81	0 ANNUAL	AREA3	5
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606587.8	4201408.22	41562.44226	73.99	73.99	0 ANNUAL	AREA3	5
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607007.8	4201408.22	28990.13726	72.14	74.15	0 ANNUAL	AREA3	5
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606458.41	4201096.62	98175.01304	78.14	78.14	0	ANNUAL	AREA3	5
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606487.59	4201114.96	90227.29124	78.22	78.22	0	ANNUAL	AREA3	5
606507.59	4201114.96	88778.24465	78.02	78.02	0	ANNUAL	AREA3	5
606487.59	4201134.96	84695.21062	78.34	78.34	0	ANNUAL	AREA3	5
606507.59	4201134.96	83370.62096	78.25	78.25	0	ANNUAL	AREA3	5
606487.67	4201077.52	102575.7797	77.66	77.66	0	ANNUAL	AREA3	5
606507.67	4201077.52	100854.3993	77.56	77.56	0	ANNUAL	AREA3	5
606487.67	4201097.52	95610.0991	77.97	77.97	0	ANNUAL	AREA3	5
606507.67	4201097.52	94053.38419	77.87	77.87	0	ANNUAL	AREA3	5
605889.69	4201158.66	144347.9558 85.29	1	13.61	0	ANNUAL	AREA3	5
605889.69	4201178.66	134020.4315 85.54	1	13.61	0	ANNUAL	AREA3	5
605889.69	4201198.66	124751.2946 85.69	1	13.61	0	ANNUAL	AREA3	5
605889.69	4201218.66	116304.0484 85.89	1	13.61	0	ANNUAL	AREA3	5
605889.69	4201238.66	108325.5621 86.56	1	13.61	0	ANNUAL	AREA3	5
605889.69	4201258.66	99312.43574 89.10	1	13.61	0	ANNUAL	AREA3	5
605889.69	4201278.66	90419.39713 93.23	1	13.61	0	ANNUAL	AREA3	5
605889.69	4201298.66	80006.64879 100.84	1	13.61	0	ANNUAL	AREA3	5
605876.33	4201162.41	145695.7889 85.57	1	13.61	0	ANNUAL	AREA3	5
605876.33	4201182.41	135121.6546 85.79	1	13.61	0	ANNUAL	AREA3	5
605876.33	4201202.41	125588.983 85.99	1	13.61	0	ANNUAL	AREA3	5
605876.33	4201222.41	116824.5924 86.38	1	13.61	0	ANNUAL	AREA3	5
605876.33	4201242.41	107770.9604 87.63	1	13.61	0	ANNUAL	AREA3	5
605876.33	4201262.41	98865.92029 90.44	1	13.61	0	ANNUAL	AREA3	5
605876.33	4201282.41	89770.10995 94.65	1	13.61	0	ANNUAL	AREA3	5
605876.33	4201302.41	79796.78091 101.51	1	13.61	0	ANNUAL	AREA3	5
605863.81	4201176.17	141289.299 85.91	1	13.61	0	ANNUAL	AREA3	5
605863.81	4201196.17	130945.4654 86.22	1	13.61	0	ANNUAL	AREA3	5
605863.81	4201216.17	120921.202 86.77	1	13.61	0	ANNUAL	AREA3	5
605863.81	4201236.17	111994.3818 87.72	1	13.61	0	ANNUAL	AREA3	5
605863.81	4201256.17	102924.2207 90.00	1	13.61	0	ANNUAL	AREA3	5
605863.81	4201276.17	94793.12014 92.17	1	13.61	0	ANNUAL	AREA3	5
605863.81	4201296.17	84399.11138 98.63	1	13.61	0	ANNUAL	AREA3	5
605852.79	4201178.5	142642.2951 86.17	1	13.61	0	ANNUAL	AREA3	5
605852.79	4201198.5	131875.1396 86.69	1	13.61	0	ANNUAL	AREA3	5
605852.79	4201218.5	121521.9931 87.32	1	13.61	0	ANNUAL	AREA3	5
605852.79	4201238.5	112276.6925 88.46	1	13.61	0	ANNUAL	AREA3	5
605852.79	4201258.5	103286.6514 90.44	1	13.61	0	ANNUAL	AREA3	5
605852.79	4201278.5	95211.28603 92.34	1	13.61	0	ANNUAL	AREA3	5
605852.79	4201298.5	85228.67525 97.99	1	13.61	0	ANNUAL	AREA3	5
605841.72	4201197.42	133949.4807 87.09	1	13.61	0	ANNUAL	AREA3	5
605841.72	4201217.42	123792.5183 87.70	1	13.61	0	ANNUAL	AREA3	5
605841.72	4201237.42	114241.2707 88.80	1	13.61	0	ANNUAL	AREA3	5
605841.72	4201257.42	105253.2932 90.38	1	13.61	0	ANNUAL	AREA3	5
605841.72	4201277.42	97280.13698 91.76	1	13.61	0	ANNUAL	AREA3	5
605841.72	4201297.42	87973.45302 96.02	1	13.61	0	ANNUAL	AREA3	5
605829.79	4201251.28	109685.4746 89.91	1	13.61	0	ANNUAL	AREA3	5
605829.79	4201271.28	101297.5516 91.14	1	13.61	0	ANNUAL	AREA3	5
605829.79	4201291.28	93488.83271 92.66	1	13.61	0	ANNUAL	AREA3	5
605818.78	4201253.61	110354.1236 90.00	1	13.61	0	ANNUAL	AREA3	5
605818.78	4201273.61	101953.1649 91.03	1	13.61	0	ANNUAL	AREA3	5
605818.78	4201293.61	94521.65516 91.83	1	13.61	0	ANNUAL	AREA3	5
605807.71	4201252.53	112661.5095 89.80	1	13.61	0	ANNUAL	AREA3	5
605807.71	4201272.53	104032.4058 90.70	1	13.61	0	ANNUAL	AREA3	5
605807.71	4201292.53	96320.33934 91.49	1	13.61	0	ANNUAL	AREA3	5
605818.76	4201242.41	115473.2172 89.40	1	13.61	0	ANNUAL	AREA3	5
605831.7	4201240.74	114202.006 89.20	1	13.61	0	ANNUAL	AREA3	5
605821.68	4201230.72	120559.2384 88.83	1	13.61	0	ANNUAL	AREA3	5
605832.12	4201225.71	121279.9822 88.38	1	13.61	0	ANNUAL	AREA3	5
605779.97	4201340.44	82963.36839 92.81	1	13.61	0	ANNUAL	AREA3	5
605759.97	4201360.44	79776.2975 91.01	1	19.11	0	ANNUAL	AREA3	5
605779.97	4201360.44	75056.68876 96.75	1	13.61	0	ANNUAL	AREA3	5
605759.97	4201380.44	72805.43167 93.94	1	18.2	0	ANNUAL	AREA3	5
605779.97	4201380.44	67981.2828 100.70	1	13.61	0	ANNUAL	AREA3	5
605759.97	4201400.44	66499.37804 96.87	1	13.61	0	ANNUAL	AREA3	5
605779.97	4201400.44	63103.64544 101.95	1	13.5	0	ANNUAL	AREA3	5
605791.09	4201315.56	90401.69387 91.56	1	13.61	0	ANNUAL	AREA3	5
605791.09	4201335.56	82242.12053 94.76	1	13.61	0	ANNUAL	AREA3	5
605791.09	4201355.56	74051.40466 99.31	1	13.61	0	ANNUAL	AREA3	5
605798.95	4201281.17	101827.6593 90.84	1	13.61	0	ANNUAL	AREA3	5
605798.95	4201301.17	94332.63546 91.52	1	13.61	0	ANNUAL	AREA3	5
605798.95	4201321.17	86670.21951 93.46	1	13.61	0	ANNUAL	AREA3	5
605779.79	4201321.31	90116.82433 90.79	1	13.61	0	ANNUAL	AREA3	5
605786.18	4201298.71	96930.3487 90.94	1	13.61	0	ANNUAL	AREA3	5

** CONCUNIT ug/ m^3
** DEPUNIT g/m^ 2

606345.06	4201227.99	0.01069	84.58	84.58	0	ANNUAL	ROAD1	5
606365.06	4201227.99	0.01104	83.69	85.21	0	ANNUAL	ROAD1	5
606385.06	4201227.99	0.0115	82.15	87.3	0	ANNUAL	ROAD1	5
606405.06	4201227.99	0.01201	80.35	87.31	0	ANNUAL	ROAD1	5
606325.06	4201247.99	0.00999	86.2	86.2	0	ANNUAL	ROAD1	5
606345.06	4201247.99	0.01023	85.95	85.95	0	ANNUAL	ROAD1	5
606365.06	4201247.99	0.0105	85.63	85.63	0	ANNUAL	ROAD1	5
606325.06	4201267.99	0.00965	86.84	86.84	0	ANNUAL	ROAD1	5
606345.06	4201267.99	0.00985	86.94	86.94	0	ANNUAL	ROAD1	5
606365.06	4201267.99	0.01005	86.98	86.98	0	ANNUAL	ROAD1	5
606325.06	4201287.99	0.0094	86.85	86.85	0	ANNUAL	ROAD1	5
606345.06	4201287.99	0.00958	86.97	86.97	0	ANNUAL	ROAD1	5
606365.06	4201287.99	0.00978	87.02	87.02	0	ANNUAL	ROAD1	5
606325.06	4201307.99	0.00924	86.1	86.1	0	ANNUAL	ROAD1	5
606345.06	4201307.99	0.00941	86.3	86.3	0	ANNUAL	ROAD1	5
606365.06	4201307.99	0.00961	86.35	86.35	0	ANNUAL	ROAD1	5
606325.06	4201327.99	0.00917	84.53	84.53	0	ANNUAL	ROAD1	5
606345.06	4201327.99	0.00933	84.83	84.83	0	ANNUAL	ROAD1	5
606365.06	4201327.99	0.00952	84.94	84.94	0	ANNUAL	ROAD1	5
606325.06	4201347.99	0.00913	82.84	82.84	0	ANNUAL	ROAD1	5
606345.06	4201347.99	0.00929	83.13	83.13	0	ANNUAL	ROAD1	5
606365.06	4201347.99	0.00947	83.35	83.35	0	ANNUAL	ROAD1	5
606325.06	4201367.99	0.00909	81.16	95.48	0	ANNUAL	ROAD1	5
606345.06	4201367.99	0.00925	81.53	81.53	0	ANNUAL	ROAD1	5
606365.06	4201367.99	0.00943	81.74	81.74	0	ANNUAL	ROAD1	5
606325.06	4201387.99	0.00903	79.83	95.86	0	ANNUAL	ROAD1	5
606345.06	4201387.99	0.00921	80.03	95.86	0	ANNUAL	ROAD1	5
606365.06	4201387.99	0.00939	80.29	95.65	0	ANNUAL	ROAD1	5
606325.06	4201407.99	0.00893	79.09	96.28	0	ANNUAL	ROAD1	5
606345.06	4201407.99	0.00911	79.21	95.86	0	ANNUAL	ROAD1	5
606365.06	4201407.99	0.0093	79.41	95.86	0	ANNUAL	ROAD1	5
606461.88	4201147.93	0.01513	78.63	78.63	0	ANNUAL	ROAD1	5
606481.88	4201147.93	0.01558	78.52	78.52	0	ANNUAL	ROAD1	5
606501.88	4201147.93	0.01605	78.42	78.42	0	ANNUAL	ROAD1	5
606461.88	4201167.93	0.01453	78.82	78.82	0	ANNUAL	ROAD1	5
606481.88	4201167.93	0.01496	78.71	78.71	0	ANNUAL	ROAD1	5
606501.88	4201167.93	0.01542	78.54	78.54	0	ANNUAL	ROAD1	5
606461.88	4201187.93	0.01399	79.02	79.02	0	ANNUAL	ROAD1	5
606481.88	4201187.93	0.01441	78.83	78.83	0	ANNUAL	ROAD1	5
606501.88	4201187.93	0.01484	78.7	78.7	0	ANNUAL	ROAD1	5
606461.88	4201207.93	0.0135	79.23	79.23	0	ANNUAL	ROAD1	5
606481.88	4201207.93	0.0139	79.02	79.02	0	ANNUAL	ROAD1	5
606501.88	4201207.93	0.01432	78.82	78.82	0	ANNUAL	ROAD1	5
606461.88	4201227.93	0.01306	79.33	79.33	0	ANNUAL	ROAD1	5
606481.88	4201227.93	0.01344	79.19	79.19	0	ANNUAL	ROAD1	5
606501.88	4201227.93	0.01384	79.02	79.02	0	ANNUAL	ROAD1	5
606461.88	4201247.93	0.01265	79.51	87.22	0	ANNUAL	ROAD1	5
606481.88	4201247.93	0.01301	79.39	79.39	0	ANNUAL	ROAD1	5
606501.88	4201247.93	0.01339	79.21	79.21	0	ANNUAL	ROAD1	5
606461.88	4201267.93	0.01226	79.75	87.31	0	ANNUAL	ROAD1	5
606481.88	4201267.93	0.01261	79.62	79.62	0	ANNUAL	ROAD1	5
606501.88	4201267.93	0.01298	79.42	79.42	0	ANNUAL	ROAD1	5
606461.88	4201287.93	0.01187	80.2	87.22	0	ANNUAL	ROAD1	5
606481.88	4201287.93	0.01224	79.81	79.81	0	ANNUAL	ROAD1	5
606501.88	4201287.93	0.0126	79.62	79.62	0	ANNUAL	ROAD1	5
606461.88	4201307.93	0.01141	81.37	85.61	0	ANNUAL	ROAD1	5
606481.88	4201307.93	0.01188	80.13	80.13	0	ANNUAL	ROAD1	5
606501.88	4201307.93	0.01225	79.82	79.82	0	ANNUAL	ROAD1	5
606461.88	4201327.93	0.01107	81.89	83.02	0	ANNUAL	ROAD1	5
606481.88	4201327.93	0.01151	80.76	80.76	0	ANNUAL	ROAD1	5
606501.88	4201327.93	0.01193	80.04	80.04	0	ANNUAL	ROAD1	5
606461.88	4201347.93	0.01076	82.34	82.34	0	ANNUAL	ROAD1	5
606481.88	4201347.93	0.01118	81.32	81.32	0	ANNUAL	ROAD1	5
606501.88	4201347.93	0.01162	80.39	80.39	0	ANNUAL	ROAD1	5
606461.88	4201367.93	0.01066	81.31	81.31	0	ANNUAL	ROAD1	5
606481.88	4201367.93	0.01101	80.88	80.88	0	ANNUAL	ROAD1	5
606501.88	4201367.93	0.01139	80.3	80.3	0	ANNUAL	ROAD1	5
606461.88	4201387.93	0.01059	80.21	80.21	0	ANNUAL	ROAD1	5
606481.88	4201387.93	0.01095	79.65	79.65	0	ANNUAL	ROAD1	5
606501.88	4201387.93	0.01147	78.14	80.63	0	ANNUAL	ROAD1	5
606461.88	4201407.93	0.01073	77.64	95.77	0	ANNUAL	ROAD1	5
606481.88	4201407.93	0.01123	76.16	95.77	0	ANNUAL	ROAD1	5
606501.88	4201407.93	0.01213	74.33	95.77	0	ANNUAL	ROAD1	5
606384.38	4201249.47	0.01077	85.06	86.56	0	ANNUAL	ROAD1	5
606404.38	4201249.47	0.01133	82.67	87.31	0	ANNUAL	ROAD1	5
606384.38	4201269.47	0.01024	87.05	87.05	0	ANNUAL	ROAD1	5
606404.38	4201269.47	0.01063	85.74	87.22	0	ANNUAL	ROAD1	5
606384.38	4201289.47	0.00997	87.03	87.03	0	ANNUAL	ROAD1	5
606404.38	4201289.47	0.01021	86.87	86.87	0	ANNUAL	ROAD1	5
606384.38	4201309.47	0.00979	86.32	86.32	0	ANNUAL	ROAD1	5
606404.38	4201309.47	0.01003	86.16	86.16	0	ANNUAL	ROAD1	5
606384.38	4201329.47	0.00971	84.91	84.91	0	ANNUAL	ROAD1	5
606404.38	4201329.47	0.00994	84.85	84.85	0	ANNUAL	ROAD1	5
606384.38	4201349.47	0.00966	83.35	83.35	0	ANNUAL	ROAD1	5
606404.38	4201349.47	0.00988	83.38	83.38	0	ANNUAL	ROAD1	5
606384.38	4201369.47	0.00962	81.78	81.78	0	ANNUAL	ROAD1	5
606404.38	4201369.47	0.00984	81.89	81.89	0	ANNUAL	ROAD1	5
606384.38	4201389.47	0.00959	80.32	95.65	0	ANNUAL	ROAD1	5
606404.38	4201389.47	0.00981	80.43	95.52	0	ANNUAL	ROAD1	5
606384.38	4201409.47	0.0095	79.43	95.77	0	ANNUAL	ROAD1	5
606404.38	4201409.47	0.00973	79.48	95.77	0	ANNUAL	ROAD1	5
606423.8	4201072.57	0.01699	78.31	78.31	0	ANNUAL	ROAD1	5
606443.8	4201072.57	0.01755	78.02	78.02	0	ANNUAL	ROAD1	5
606423.8	4201092.57	0.01615	78.56	78.56	0	ANNUAL	ROAD1	5
606443.8	4201092.57	0.01667	78.27	78.27	0	ANNUAL	ROAD1	5
606423.8	4201112.57	0.01542	78.73	78.73	0	ANNUAL	ROAD1	5
606443.8	4201112.57	0.0159	78.45	78.45	0	ANNUAL	ROAD1	5
606423.8	4201132.57	0.01477	78.85	78.85	0	ANNUAL	ROAD1	5
606443.8	4201132.57	0.01521	78.65	78.65	0	ANNUAL	ROAD1	5
606423.8	4201152.57	0.01417	79.05	79.05	0	ANNUAL	ROAD1	5
606443.8	4201152.57	0.01459	78.85	78.85	0	ANNUAL	ROAD1	5
606423.8	4201172.57	0.01363	79.25	79.25	0	ANNUAL	ROAD1	5
606443.8	4201172.57	0.01403	79.05	79.05	0	ANNUAL	ROAD1	5
606423.8	4201192.57	0.01314	79.44	79.44	0	ANNUAL	ROAD1	5
606443.8	4201192.57	0.01352	79.23	79.23	0	ANNUAL	ROAD1	5
606423.8	4201212.57	0.01269	79.64	87.3	0	ANNUAL	ROAD1	5
606443.8	4201212.57	0.01306	79.4	79.4	0	ANNUAL	ROAD1	5
606423.8	4201232.57	0.01229	79.81	87.31	0	ANNUAL	ROAD1	5
606443.8	4201232.57	0.01264	79.54	87.31	0	ANNUAL	ROAD1	5
606423.11	4201254.06	0.01182	80.38	87.31	0	ANNUAL	ROAD1	5
606443.11	4201254.06	0.01221	79.75	87.31	0	ANNUAL	ROAD1	5
606423.11	4201274.06	0.01114	83.11	87.31	0	ANNUAL	ROAD1	5
606443.11	4201274.06	0.01178	80.39	87.31	0	ANNUAL	ROAD1	5
606423.11	4201294.06	0.01058	85.24	86.31	0	ANNUAL	ROAD1	5
606443.11	4201294.06	0.01118	82.62	86.84	0	ANNUAL	ROAD1	5
606423.11	4201314.06	0.0103	85.29	85.29	0	ANNUAL	ROAD1	5
606443.11	4201314.06	0.01076	83.68	84.29	0	ANNUAL	ROAD1	5
606423.11	4201334.06	0.01018	84.29	84.29	0	ANNUAL	ROAD1	5
606443.11	4201334.06	0.01051	83.62	83.62	0	ANNUAL	ROAD1	5
606423.11	4201354.06	0.01011	82.91	82.91	0	ANNUAL	ROAD1	5
606443.11	4201354.06	0.01041	82.56	82.56	0	ANNUAL	ROAD1	5
606423.11	4201374.06	0.01007	81.44	81.44	0	ANNUAL	ROAD1	5
606443.11	4201374.06	0.01034	81.31	81.31	0	ANNUAL	ROAD1	5
606423.11	4201394.06	0.01003	80.09	95.62	0	ANNUAL	ROAD1	5
606443.11	4201394.06	0.0103	80	93.16	0	ANNUAL	ROAD1	5
606423.11	4201414.06	0.00997	79.09	95.77	0	ANNUAL	ROAD1	5
606443.11	4201414.06	0.01036	78.06	95.77	0	ANNUAL	ROAD1	5
606458.33	4201114.06	0.01621	78.32	78.32	0	ANNUAL	ROAD1	5
606478.33	4201114.06	0.0167	78.25	78.25	0	ANNUAL	ROAD1	5
606458.33	4201134.06	0.0155	78.52	78.52	0	ANNUAL	ROAD1	5
606478.33	4201134.06	0.01596	78.42	78.42	0	ANNUAL	ROAD1	5
606458.41	4201076.62	0.01778	77.9	77.9	0	ANNUAL	ROAD1	5
606478.41	4201076.62	0.01838	77.7	77.7	0	ANNUAL	ROAD1	5
606458.41	4201096.62	0.0169	78.14	78.14	0	ANNUAL	ROAD1	5
606478.41	4201096.62	0.01744	78	78	0	ANNUAL	ROAD1	5
606487.59	4201114.96	0.0169	78.22	78.22	0	ANNUAL	ROAD1	5
606507.59	4201114.96	0.01746	78.02	78.02	0	ANNUAL	ROAD1	5
606487.59	4201134.96	0.01616	78.34	78.34	0	ANNUAL	ROAD1	5
606507.59	4201134.96	0.01666	78.25	78.25	0	ANNUAL	ROAD1	5
606487.67	4201077.52	0.01861	77.66	77.66	0	ANNUAL	ROAD1	5
606507.67	4201077.52	0.01924	77.56	77.56	0	ANNUAL	ROAD1	5
606487.67	4201097.52	0.01765	77.97	77.97	0	ANNUAL	ROAD1	5
606507.67	4201097.52	0.01822	77.87	77.87	0	ANNUAL	ROAD1	5
605889.69	4201158.66	0.0078 85.29	1	13.61	0	ANNUAL	ROAD1	5
605889.69	4201178.66	0.00758 85.54	1	13.61	0	ANNUAL	ROAD1	5
605889.69	4201198.66	0.00737 85.69	1	13.61	0	ANNUAL	ROAD1	5
605889.69	4201218.66	0.00717 85.89	1	13.61	0	ANNUAL	ROAD1	5
605889.69	4201238.66	0.00696 86.56	1	13.61	0	ANNUAL	ROAD1	5
605889.69	4201258.66	0.00664 89.10	1	13.61	0	ANNUAL	ROAD1	5
605889.69	4201278.66	0.00625 93.23	1	13.61	0	ANNUAL	ROAD1	5
605889.69	4201298.66	0.00571 100.84	1	13.61	0	ANNUAL	ROAD1	5
605876.33	4201162.41	0.00766 85.57	1	13.61	0	ANNUAL	ROAD1	5
605876.33	4201182.41	0.00745 85.79	1	13.61	0	ANNUAL	ROAD1	5
605876.33	4201202.41	0.00725 85.99	1	13.61	0	ANNUAL	ROAD1	5
605876.33	4201222.41	0.00705 86.38	1	13.61	0	ANNUAL	ROAD1	5
605876.33	4201242.41	0.0068 87.63	1	13.61	0	ANNUAL	ROAD1	5
605876.33	4201262.41	0.00648 90.44	1	13.61	0	ANNUAL	ROAD1	5
605876.33	4201282.41	0.00609 94.65	1	13.61	0	ANNUAL	ROAD1	5
605876.33	4201302.41	0.0056 101.51	1	13.61	0	ANNUAL	ROAD1	5
605863.81	4201176.17	0.00744 85.91	1	13.61	0	ANNUAL	ROAD1	5
605863.81	4201196.17	0.00723 86.22	1	13.61	0	ANNUAL	ROAD1	5
605863.81	4201216.17	0.00702 86.77	1	13.61	0	ANNUAL	ROAD1	5
605863.81	4201236.17	0.00679 87.72	1	13.61	0	ANNUAL	ROAD1	5
605863.81	4201256.17	0.0065 90.00	1	13.61	0	ANNUAL	ROAD1	5
605863.81	4201276.17	0.00623 92.17	1	13.61	0	ANNUAL	ROAD1	5
605863.81	4201296.17	0.00574 98.63	1	13.61	0	ANNUAL	ROAD1	5
605852.79	4201178.5	0.00734 86.17	1	13.61	0	ANNUAL	ROAD1	5
605852.79	4201198.5	0.00712 86.69	1	13.61	0	ANNUAL	ROAD1	5
605852.79	4201218.5	0.00691 87.32	1	13.61	0	ANNUAL	ROAD1	5
605852.79	4201238.5	0.00668 88.46	1	13.61	0	ANNUAL	ROAD1	5
605852.79	4201258.5	0.00641 90.44	1	13.61	0	ANNUAL	ROAD1	5
605852.79	4201278.5	0.00616 92.34	1	13.61	0	ANNUAL	ROAD1	5
605852.79	4201298.5	0.00572 97.99	1	13.61	0	ANNUAL	ROAD1	5
605841.72	4201197.42	0.00706 87.09	1	13.61	0	ANNUAL	ROAD1	5
605841.72	4201217.42	0.00685 87.70	1	13.61	0	ANNUAL	ROAD1	5
605841.72	4201237.42	0.00662 88.80	1	13.61	0	ANNUAL	ROAD1	5
605841.72	4201257.42	0.00638 90.38	1	13.61	0	ANNUAL	ROAD1	5
605841.72	4201277.42	0.00616 91.76	1	13.61	0	ANNUAL	ROAD1	5
605841.72	4201297.42	0.00579 96.02	1	13.61	0	ANNUAL	ROAD1	5
605829.79	4201251.28	0.0064 89.91	1	13.61	0	ANNUAL	ROAD1	5
605829.79	4201271.28	0.00619 91.14	1	13.61	0	ANNUAL	ROAD1	5
605829.79	4201291.28	0.00597 92.66	1	13.61	0	ANNUAL	ROAD1	5
605818.78	4201253.61	0.00633 90.00	1	13.61	0	ANNUAL	ROAD1	5
605818.78	4201273.61	0.00613 91.03	1	13.61	0	ANNUAL	ROAD1	5
605818.78	4201293.61	0.00596 91.83	1	13.61	0	ANNUAL	ROAD1	5
605807.71	4201252.53	0.00631 89.80	1	13.61	0	ANNUAL	ROAD1	5
605807.71	4201272.53	0.00612 90.70	1	13.61	0	ANNUAL	ROAD1	5
605807.71	4201292.53	0.00594 91.49	1	13.61	0	ANNUAL	ROAD1	5
605818.76	4201242.41	0.00645 89.40	1	13.61	0	ANNUAL	ROAD1	5
605831.7	4201240.74	0.00653 89.20	1	13.61	0	ANNUAL	ROAD1	5
605821.68	4201230.72	0.00659 88.83	1	13.61	0	ANNUAL	ROAD1	5
605832.12	4201225.71	0.0067 88.38	1	13.61	0	ANNUAL	ROAD1	5
605779.97	4201340.44	0.00549 92.81	1	13.61	0	ANNUAL	ROAD1	5
605759.97	4201360.44	0.0054 91.01	1	19.11	0	ANNUAL	ROAD1	5
605779.97	4201360.44	0.0052 96.75	1	13.61	0	ANNUAL	ROAD1	5
605759.97	4201380.44	0.00516 93.94	1	18.2	0	ANNUAL	ROAD1	5
605779.97	4201380.44	0.00492 100.70	1	13.61	0	ANNUAL	ROAD1	5
605759.97	4201400.44	0.00493 96.87	1	13.61	0	ANNUAL	ROAD1	5
605779.97	4201400.44	0.00477 101.95	1	13.5	0	ANNUAL	ROAD1	5
605791.09	4201315.56	0.00573 91.56	1	13.61	0	ANNUAL	ROAD1	5
605791.09	4201335.56	0.00546 94.76	1	13.61	0	ANNUAL	ROAD1	5
605791.09	4201355.56	0.00514 99.31	1	13.61	0	ANNUAL	ROAD1	5
605798.95	4201281.17	0.00602 90.84	1	13.61	0	ANNUAL	ROAD1	5
605798.95	4201301.17	0.00585 91.52	1	13.61	0	ANNUAL	ROAD1	5
605798.95	4201321.17	0.00563 93.46	1	13.61	0	ANNUAL	ROAD1	5
605779.79	4201321.31	0.0057 90.79	1	13.61	0	ANNUAL	ROAD1	5
605786.18	4201298.71	0.00585 90.94	1	13.61	0	ANNUAL	ROAD1	5

** CONCUNIT ug/ m^3
** DEPUNIT g/m^ 2

606345.06	4201227.99	0.01084	84.58	84.58	0	ANNUAL	ROAD2	5
606365.06	4201227.99	0.0112	83.69	85.21	0	ANNUAL	ROAD2	5
606385.06	4201227.99	0.01166	82.15	87.3	0	ANNUAL	ROAD2	5
606405.06	4201227.99	0.01218	80.35	87.31	0	ANNUAL	ROAD2	5
606325.06	4201247.99	0.01012	86.2	86.2	0	ANNUAL	ROAD2	5
606345.06	4201247.99	0.01037	85.95	85.95	0	ANNUAL	ROAD2	5
606365.06	4201247.99	0.01063	85.63	85.63	0	ANNUAL	ROAD2	5
606325.06	4201267.99	0.00977	86.84	86.84	0	ANNUAL	ROAD2	5
606345.06	4201267.99	0.00997	86.94	86.94	0	ANNUAL	ROAD2	5
606365.06	4201267.99	0.01018	86.98	86.98	0	ANNUAL	ROAD2	5
606325.06	4201287.99	0.00951	86.85	86.85	0	ANNUAL	ROAD2	5
606345.06	4201287.99	0.0097	86.97	86.97	0	ANNUAL	ROAD2	5
606365.06	4201287.99	0.00991	87.02	87.02	0	ANNUAL	ROAD2	5
606325.06	4201307.99	0.00935	86.1	86.1	0	ANNUAL	ROAD2	5
606345.06	4201307.99	0.00952	86.3	86.3	0	ANNUAL	ROAD2	5
606365.06	4201307.99	0.00972	86.35	86.35	0	ANNUAL	ROAD2	5
606325.06	4201327.99	0.00928	84.53	84.53	0	ANNUAL	ROAD2	5
606345.06	4201327.99	0.00944	84.83	84.83	0	ANNUAL	ROAD2	5
606365.06	4201327.99	0.00963	84.94	84.94	0	ANNUAL	ROAD2	5
606325.06	4201347.99	0.00922	82.84	82.84	0	ANNUAL	ROAD2	5
606345.06	4201347.99	0.00939	83.13	83.13	0	ANNUAL	ROAD2	5
606365.06	4201347.99	0.00957	83.35	83.35	0	ANNUAL	ROAD2	5
606325.06	4201367.99	0.00918	81.16	95.48	0	ANNUAL	ROAD2	5
606345.06	4201367.99	0.00934	81.53	81.53	0	ANNUAL	ROAD2	5
606365.06	4201367.99	0.00953	81.74	81.74	0	ANNUAL	ROAD2	5
606325.06	4201387.99	0.00911	79.83	95.86	0	ANNUAL	ROAD2	5
606345.06	4201387.99	0.00929	80.03	95.86	0	ANNUAL	ROAD2	5
606365.06	4201387.99	0.00948	80.29	95.65	0	ANNUAL	ROAD2	5
606325.06	4201407.99	0.009	79.09	96.28	0	ANNUAL	ROAD2	5
606345.06	4201407.99	0.00919	79.21	95.86	0	ANNUAL	ROAD2	5
606365.06	4201407.99	0.00938	79.41	95.86	0	ANNUAL	ROAD2	5
606461.88	4201147.93	0.01543	78.63	78.63	0	ANNUAL	ROAD2	5
606481.88	4201147.93	0.01589	78.52	78.52	0	ANNUAL	ROAD2	5
606501.88	4201147.93	0.01639	78.42	78.42	0	ANNUAL	ROAD2	5
606461.88	4201167.93	0.0148	78.82	78.82	0	ANNUAL	ROAD2	5
606481.88	4201167.93	0.01524	78.71	78.71	0	ANNUAL	ROAD2	5
606501.88	4201167.93	0.01571	78.54	78.54	0	ANNUAL	ROAD2	5
606461.88	4201187.93	0.01423	79.02	79.02	0	ANNUAL	ROAD2	5
606481.88	4201187.93	0.01466	78.83	78.83	0	ANNUAL	ROAD2	5
606501.88	4201187.93	0.0151	78.7	78.7	0	ANNUAL	ROAD2	5
606461.88	4201207.93	0.01371	79.23	79.23	0	ANNUAL	ROAD2	5
606481.88	4201207.93	0.01412	79.02	79.02	0	ANNUAL	ROAD2	5
606501.88	4201207.93	0.01455	78.82	78.82	0	ANNUAL	ROAD2	5
606461.88	4201227.93	0.01325	79.33	79.33	0	ANNUAL	ROAD2	5
606481.88	4201227.93	0.01363	79.19	79.19	0	ANNUAL	ROAD2	5
606501.88	4201227.93	0.01404	79.02	79.02	0	ANNUAL	ROAD2	5
606461.88	4201247.93	0.01282	79.51	87.22	0	ANNUAL	ROAD2	5
606481.88	4201247.93	0.01319	79.39	79.39	0	ANNUAL	ROAD2	5
606501.88	4201247.93	0.01358	79.21	79.21	0	ANNUAL	ROAD2	5
606461.88	4201267.93	0.01242	79.75	87.31	0	ANNUAL	ROAD2	5
606481.88	4201267.93	0.01277	79.62	79.62	0	ANNUAL	ROAD2	5
606501.88	4201267.93	0.01315	79.42	79.42	0	ANNUAL	ROAD2	5
606461.88	4201287.93	0.01202	80.2	87.22	0	ANNUAL	ROAD2	5
606481.88	4201287.93	0.01239	79.81	79.81	0	ANNUAL	ROAD2	5
606501.88	4201287.93	0.01276	79.62	79.62	0	ANNUAL	ROAD2	5
606461.88	4201307.93	0.01154	81.37	85.61	0	ANNUAL	ROAD2	5
606481.88	4201307.93	0.01202	80.13	80.13	0	ANNUAL	ROAD2	5
606501.88	4201307.93	0.01239	79.82	79.82	0	ANNUAL	ROAD2	5
606461.88	4201327.93	0.01119	81.89	83.02	0	ANNUAL	ROAD2	5
606481.88	4201327.93	0.01164	80.76	80.76	0	ANNUAL	ROAD2	5
606501.88	4201327.93	0.01205	80.04	80.04	0	ANNUAL	ROAD2	5
606461.88	4201347.93	0.01087	82.34	82.34	0	ANNUAL	ROAD2	5
606481.88	4201347.93	0.01129	81.32	81.32	0	ANNUAL	ROAD2	5
606501.88	4201347.93	0.01172	80.39	80.39	0	ANNUAL	ROAD2	5
606461.88	4201367.93	0.01076	81.31	81.31	0	ANNUAL	ROAD2	5
606481.88	4201367.93	0.0111	80.88	80.88	0	ANNUAL	ROAD2	5
606501.88	4201367.93	0.01148	80.3	80.3	0	ANNUAL	ROAD2	5
606461.88	4201387.93	0.01067	80.21	80.21	0	ANNUAL	ROAD2	5
606481.88	4201387.93	0.01103	79.65	79.65	0	ANNUAL	ROAD2	5
606501.88	4201387.93	0.01155	78.14	80.63	0	ANNUAL	ROAD2	5
606461.88	4201407.93	0.0108	77.64	95.77	0	ANNUAL	ROAD2	5
606481.88	4201407.93	0.0113	76.16	95.77	0	ANNUAL	ROAD2	5
606501.88	4201407.93	0.01222	74.33	95.77	0	ANNUAL	ROAD2	5
606384.38	4201249.47	0.01092	85.06	86.56	0	ANNUAL	ROAD2	5
606404.38	4201249.47	0.01148	82.67	87.31	0	ANNUAL	ROAD2	5
606384.38	4201269.47	0.01037	87.05	87.05	0	ANNUAL	ROAD2	5
606404.38	4201269.47	0.01077	85.74	87.22	0	ANNUAL	ROAD2	5
606384.38	4201289.47	0.0101	87.03	87.03	0	ANNUAL	ROAD2	5
606404.38	4201289.47	0.01034	86.87	86.87	0	ANNUAL	ROAD2	5
606384.38	4201309.47	0.00991	86.32	86.32	0	ANNUAL	ROAD2	5
606404.38	4201309.47	0.01016	86.16	86.16	0	ANNUAL	ROAD2	5
606384.38	4201329.47	0.00983	84.91	84.91	0	ANNUAL	ROAD2	5
606404.38	4201329.47	0.01006	84.85	84.85	0	ANNUAL	ROAD2	5
606384.38	4201349.47	0.00977	83.35	83.35	0	ANNUAL	ROAD2	5
606404.38	4201349.47	0.00999	83.38	83.38	0	ANNUAL	ROAD2	5
606384.38	4201369.47	0.00972	81.78	81.78	0	ANNUAL	ROAD2	5
606404.38	4201369.47	0.00993	81.89	81.89	0	ANNUAL	ROAD2	5
606384.38	4201389.47	0.00967	80.32	95.65	0	ANNUAL	ROAD2	5
606404.38	4201389.47	0.00989	80.43	95.52	0	ANNUAL	ROAD2	5
606384.38	4201409.47	0.00958	79.43	95.77	0	ANNUAL	ROAD2	5
606404.38	4201409.47	0.0098	79.48	95.77	0	ANNUAL	ROAD2	5
606423.8	4201072.57	0.01744	78.31	78.31	0	ANNUAL	ROAD2	5
606443.8	4201072.57	0.01803	78.02	78.02	0	ANNUAL	ROAD2	5
606423.8	4201092.57	0.01655	78.56	78.56	0	ANNUAL	ROAD2	5
606443.8	4201092.57	0.01709	78.27	78.27	0	ANNUAL	ROAD2	5
606423.8	4201112.57	0.01576	78.73	78.73	0	ANNUAL	ROAD2	5
606443.8	4201112.57	0.01627	78.45	78.45	0	ANNUAL	ROAD2	5
606423.8	4201132.57	0.01507	78.85	78.85	0	ANNUAL	ROAD2	5
606443.8	4201132.57	0.01553	78.65	78.65	0	ANNUAL	ROAD2	5
606423.8	4201152.57	0.01444	79.05	79.05	0	ANNUAL	ROAD2	5
606443.8	4201152.57	0.01487	78.85	78.85	0	ANNUAL	ROAD2	5
606423.8	4201172.57	0.01387	79.25	79.25	0	ANNUAL	ROAD2	5
606443.8	4201172.57	0.01427	79.05	79.05	0	ANNUAL	ROAD2	5
606423.8	4201192.57	0.01335	79.44	79.44	0	ANNUAL	ROAD2	5
606443.8	4201192.57	0.01374	79.23	79.23	0	ANNUAL	ROAD2	5
606423.8	4201212.57	0.01288	79.64	87.3	0	ANNUAL	ROAD2	5
606443.8	4201212.57	0.01325	79.4	79.4	0	ANNUAL	ROAD2	5
606423.8	4201232.57	0.01246	79.81	87.31	0	ANNUAL	ROAD2	5
606443.8	4201232.57	0.01282	79.54	87.31	0	ANNUAL	ROAD2	5
606423.11	4201254.06	0.01198	80.38	87.31	0	ANNUAL	ROAD2	5
606443.11	4201254.06	0.01237	79.75	87.31	0	ANNUAL	ROAD2	5
606423.11	4201274.06	0.01128	83.11	87.31	0	ANNUAL	ROAD2	5
606443.11	4201274.06	0.01193	80.39	87.31	0	ANNUAL	ROAD2	5
606423.11	4201294.06	0.01071	85.24	86.31	0	ANNUAL	ROAD2	5
606443.11	4201294.06	0.01131	82.62	86.84	0	ANNUAL	ROAD2	5
606423.11	4201314.06	0.01043	85.29	85.29	0	ANNUAL	ROAD2	5
606443.11	4201314.06	0.01089	83.68	84.29	0	ANNUAL	ROAD2	5
606423.11	4201334.06	0.01029	84.29	84.29	0	ANNUAL	ROAD2	5
606443.11	4201334.06	0.01063	83.62	83.62	0	ANNUAL	ROAD2	5
606423.11	4201354.06	0.01022	82.91	82.91	0	ANNUAL	ROAD2	5
606443.11	4201354.06	0.01051	82.56	82.56	0	ANNUAL	ROAD2	5
606423.11	4201374.06	0.01016	81.44	81.44	0	ANNUAL	ROAD2	5
606443.11	4201374.06	0.01043	81.31	81.31	0	ANNUAL	ROAD2	5
606423.11	4201394.06	0.01011	80.09	95.62	0	ANNUAL	ROAD2	5
606443.11	4201394.06	0.01038	80	93.16	0	ANNUAL	ROAD2	5
606423.11	4201414.06	0.01004	79.09	95.77	0	ANNUAL	ROAD2	5
606443.11	4201414.06	0.01042	78.06	95.77	0	ANNUAL	ROAD2	5
606458.33	4201114.06	0.01658	78.32	78.32	0	ANNUAL	ROAD2	5
606478.33	4201114.06	0.01709	78.25	78.25	0	ANNUAL	ROAD2	5
606458.33	4201134.06	0.01582	78.52	78.52	0	ANNUAL	ROAD2	5
606478.33	4201134.06	0.01631	78.42	78.42	0	ANNUAL	ROAD2	5
606458.41	4201076.62	0.01827	77.9	77.9	0	ANNUAL	ROAD2	5
606478.41	4201076.62	0.0189	77.7	77.7	0	ANNUAL	ROAD2	5
606458.41	4201096.62	0.01732	78.14	78.14	0	ANNUAL	ROAD2	5
606478.41	4201096.62	0.01788	78	78	0	ANNUAL	ROAD2	5
606487.59	4201114.96	0.0173	78.22	78.22	0	ANNUAL	ROAD2	5
606507.59	4201114.96	0.01788	78.02	78.02	0	ANNUAL	ROAD2	5
606487.59	4201134.96	0.01651	78.34	78.34	0	ANNUAL	ROAD2	5
606507.59	4201134.96	0.01703	78.25	78.25	0	ANNUAL	ROAD2	5
606487.67	4201077.52	0.01914	77.66	77.66	0	ANNUAL	ROAD2	5
606507.67	4201077.52	0.01979	77.56	77.56	0	ANNUAL	ROAD2	5
606487.67	4201097.52	0.01811	77.97	77.97	0	ANNUAL	ROAD2	5
606507.67	4201097.52	0.01871	77.87	77.87	0	ANNUAL	ROAD2	5
605889.69	4201158.66	0.00788 85.29	1	13.61	0	ANNUAL	ROAD2	5
605889.69	4201178.66	0.00765 85.54	1	13.61	0	ANNUAL	ROAD2	5
605889.69	4201198.66	0.00744 85.69	1	13.61	0	ANNUAL	ROAD2	5
605889.69	4201218.66	0.00724 85.89	1	13.61	0	ANNUAL	ROAD2	5
605889.69	4201238.66	0.00702 86.56	1	13.61	0	ANNUAL	ROAD2	5
605889.69	4201258.66	0.0067 89.10	1	13.61	0	ANNUAL	ROAD2	5
605889.69	4201278.66	0.0063 93.23	1	13.61	0	ANNUAL	ROAD2	5
605889.69	4201298.66	0.00575 100.84	1	13.61	0	ANNUAL	ROAD2	5
605876.33	4201162.41	0.00774 85.57	1	13.61	0	ANNUAL	ROAD2	5
605876.33	4201182.41	0.00752 85.79	1	13.61	0	ANNUAL	ROAD2	5
605876.33	4201202.41	0.00732 85.99	1	13.61	0	ANNUAL	ROAD2	5
605876.33	4201222.41	0.00711 86.38	1	13.61	0	ANNUAL	ROAD2	5
605876.33	4201242.41	0.00686 87.63	1	13.61	0	ANNUAL	ROAD2	5
605876.33	4201262.41	0.00653 90.44	1	13.61	0	ANNUAL	ROAD2	5
605876.33	4201282.41	0.00614 94.65	1	13.61	0	ANNUAL	ROAD2	5
605876.33	4201302.41	0.00565 101.51	1	13.61	0	ANNUAL	ROAD2	5
605863.81	4201176.17	0.00751 85.91	1	13.61	0	ANNUAL	ROAD2	5
605863.81	4201196.17	0.0073 86.22	1	13.61	0	ANNUAL	ROAD2	5
605863.81	4201216.17	0.00708 86.77	1	13.61	0	ANNUAL	ROAD2	5
605863.81	4201236.17	0.00685 87.72	1	13.61	0	ANNUAL	ROAD2	5
605863.81	4201256.17	0.00655 90.00	1	13.61	0	ANNUAL	ROAD2	5
605863.81	4201276.17	0.00628 92.17	1	13.61	0	ANNUAL	ROAD2	5
605863.81	4201296.17	0.00579 98.63	1	13.61	0	ANNUAL	ROAD2	5
605852.79	4201178.5	0.00741 86.17	1	13.61	0	ANNUAL	ROAD2	5
605852.79	4201198.5	0.00719 86.69	1	13.61	0	ANNUAL	ROAD2	5
605852.79	4201218.5	0.00697 87.32	1	13.61	0	ANNUAL	ROAD2	5
605852.79	4201238.5	0.00674 88.46	1	13.61	0	ANNUAL	ROAD2	5
605852.79	4201258.5	0.00646 90.44	1	13.61	0	ANNUAL	ROAD2	5
605852.79	4201278.5	0.00621 92.34	1	13.61	0	ANNUAL	ROAD2	5
605852.79	4201298.5	0.00577 97.99	1	13.61	0	ANNUAL	ROAD2	5
605841.72	4201197.42	0.00712 87.09	1	13.61	0	ANNUAL	ROAD2	5
605841.72	4201217.42	0.00691 87.70	1	13.61	0	ANNUAL	ROAD2	5
605841.72	4201237.42	0.00668 88.80	1	13.61	0	ANNUAL	ROAD2	5
605841.72	4201257.42	0.00643 90.38	1	13.61	0	ANNUAL	ROAD2	5
605841.72	4201277.42	0.0062 91.76	1	13.61	0	ANNUAL	ROAD2	5
605841.72	4201297.42	0.00584 96.02	1	13.61	0	ANNUAL	ROAD2	5
605829.79	4201251.28	0.00645 89.91	1	13.61	0	ANNUAL	ROAD2	5
605829.79	4201271.28	0.00623 91.14	1	13.61	0	ANNUAL	ROAD2	5
605829.79	4201291.28	0.00601 92.66	1	13.61	0	ANNUAL	ROAD2	5
605818.78	4201253.61	0.00638 90.00	1	13.61	0	ANNUAL	ROAD2	5
605818.78	4201273.61	0.00618 91.03	1	13.61	0	ANNUAL	ROAD2	5
605818.78	4201293.61	0.006 91.83	1	13.61	0	ANNUAL	ROAD2	5
605807.71	4201252.53	0.00636 89.80	1	13.61	0	ANNUAL	ROAD2	5
605807.71	4201272.53	0.00616 90.70	1	13.61	0	ANNUAL	ROAD2	5
605807.71	4201292.53	0.00598 91.49	1	13.61	0	ANNUAL	ROAD2	5
605818.76	4201242.41	0.0065 89.40	1	13.61	0	ANNUAL	ROAD2	5
605831.7	4201240.74	0.00658 89.20	1	13.61	0	ANNUAL	ROAD2	5
605821.68	4201230.72	0.00664 88.83	1	13.61	0	ANNUAL	ROAD2	5
605832.12	4201225.71	0.00675 88.38	1	13.61	0	ANNUAL	ROAD2	5
605779.97	4201340.44	0.00553 92.81	1	13.61	0	ANNUAL	ROAD2	5
605759.97	4201360.44	0.00544 91.01	1	19.11	0	ANNUAL	ROAD2	5
605779.97	4201360.44	0.00524 96.75	1	13.61	0	ANNUAL	ROAD2	5
605759.97	4201380.44	0.0052 93.94	1	18.2	0	ANNUAL	ROAD2	5
605779.97	4201380.44	0.00496 100.70	1	13.61	0	ANNUAL	ROAD2	5
605759.97	4201400.44	0.00497 96.87	1	13.61	0	ANNUAL	ROAD2	5
605779.97	4201400.44	0.00481 101.95	1	13.5	0	ANNUAL	ROAD2	5
605791.09	4201315.56	0.00577 91.56	1	13.61	0	ANNUAL	ROAD2	5
605791.09	4201335.56	0.0055 94.76	1	13.61	0	ANNUAL	ROAD2	5
605791.09	4201355.56	0.00518 99.31	1	13.61	0	ANNUAL	ROAD2	5
605798.95	4201281.17	0.00606 90.84	1	13.61	0	ANNUAL	ROAD2	5
605798.95	4201301.17	0.00589 91.52	1	13.61	0	ANNUAL	ROAD2	5
605798.95	4201321.17	0.00567 93.46	1	13.61	0	ANNUAL	ROAD2	5
605779.79	4201321.31	0.00574 90.79	1	13.61	0	ANNUAL	ROAD2	5
605786.18	4201298.71	0.00589 90.94	1	13.61	0	ANNUAL	ROAD2	5

** CONCUNIT ug/ m^3
** DEPUNIT g/m^ 2

606345.06	4201227.99	0.04244
606365.06	4201227.99	0.04373
606385.06	4201227.99	0.04531
606405.06	4201227.99	0.04704
606325.06	4201247.99	0.04095
606345.06	4201247.99	0.04196
606365.06	4201247.99	0.04303
606325.06	4201267.99	0.04073
606345.06	4201267.99	0.04159
606365.06	4201267.99	0.0425
606325.06	4201287.99	0.04075
606345.06	4201287.99	0.04161
606365.06	4201287.99	0.04252
606325.06	4201307.99	0.04106
606345.06	4201307.99	0.0419
606365.06	4201307.99	0.04283
606325.06	4201327.99	0.04167
606345.06	4201327.99	0.04251
606365.06	4201327.99	0.04344
606325.06	4201347.99	0.04231
606345.06	4201347.99	0.04318
606365.06	4201347.99	0.04411
606325.06	4201367.99	0.04289
606345.06	4201367.99	0.04378
606365.06	4201367.99	0.04474
606325.06	4201387.99	0.04329
606345.06	4201387.99	0.04428
606365.06	4201387.99	0.04528
606325.06	4201407.99	0.0435
606345.06	4201407.99	0.04452
606365.06	4201407.99	0.04555
606461.88	4201147.93	0.05028
606481.88	4201147.93	0.05161
606501.88	4201147.93	0.05302
606461.88	4201167.93	0.05044
606481.88	4201167.93	0.05177
606501.88	4201167.93	0.05321
606461.88	4201187.93	0.05055
606481.88	4201187.93	0.05192
606501.88	4201187.93	0.05335
606461.88	4201207.93	0.05064
606481.88	4201207.93	0.05201
606501.88	4201207.93	0.05347
606461.88	4201227.93	0.05074
606481.88	4201227.93	0.05209
606501.88	4201227.93	0.05353
606461.88	4201247.93	0.0508
606481.88	4201247.93	0.05214
606501.88	4201247.93	0.05358
606461.88	4201267.93	0.05082
606481.88	4201267.93	0.05216
606501.88	4201267.93	0.0536
606461.88	4201287.93	0.05073
606481.88	4201287.93	0.05218
606501.88	4201287.93	0.05361
606461.88	4201307.93	0.05029
606481.88	4201307.93	0.05212
606501.88	4201307.93	0.05361
606461.88	4201327.93	0.05011
606481.88	4201327.93	0.05191
606501.88	4201327.93	0.05358
606461.88	4201347.93	0.04995
606481.88	4201347.93	0.05169
606501.88	4201347.93	0.05348
606461.88	4201367.93	0.05048
606481.88	4201367.93	0.05197
606501.88	4201367.93	0.05358
606461.88	4201387.93	0.05105
606481.88	4201387.93	0.05261
606501.88	4201387.93	0.05465
606461.88	4201407.93	0.05219
606481.88	4201407.93	0.05413
606501.88	4201407.93	0.0565
606384.38	4201249.47	0.04421
606404.38	4201249.47	0.04622
606384.38	4201269.47	0.0434
606404.38	4201269.47	0.04498
606384.38	4201289.47	0.04345
606404.38	4201289.47	0.04451
606384.38	4201309.47	0.04379
606404.38	4201309.47	0.04487
606384.38	4201329.47	0.04443
606404.38	4201329.47	0.0455
606384.38	4201349.47	0.04512
606404.38	4201349.47	0.04618
606384.38	4201369.47	0.04577
606404.38	4201369.47	0.04683
606384.38	4201389.47	0.04635
606404.38	4201389.47	0.04745
606384.38	4201409.47	0.04665
606404.38	4201409.47	0.04782
606423.8	4201072.57	0.04695
606443.8	4201072.57	0.04814
606423.8	4201092.57	0.04726
606443.8	4201092.57	0.04847
606423.8	4201112.57	0.04752
606443.8	4201112.57	0.04875
606423.8	4201132.57	0.04775
606443.8	4201132.57	0.04897
606423.8	4201152.57	0.04792
606443.8	4201152.57	0.04915
606423.8	4201172.57	0.04805
606443.8	4201172.57	0.04929
606423.8	4201192.57	0.04816
606443.8	4201192.57	0.0494
606423.8	4201212.57	0.04824
606443.8	4201212.57	0.0495
606423.8	4201232.57	0.04831
606443.8	4201232.57	0.04958
606423.11	4201254.06	0.04818
606443.11	4201254.06	0.04959
606423.11	4201274.06	0.04715
606443.11	4201274.06	0.04944
606423.11	4201294.06	0.04625
606443.11	4201294.06	0.04856
606423.11	4201314.06	0.04627
606443.11	4201314.06	0.04813
606423.11	4201334.06	0.04677
606443.11	4201334.06	0.0482
606423.11	4201354.06	0.04743
606443.11	4201354.06	0.04874
606423.11	4201374.06	0.04811
606443.11	4201374.06	0.04935
606423.11	4201394.06	0.04871
606443.11	4201394.06	0.04997
606423.11	4201414.06	0.04912
606443.11	4201414.06	0.0508
606458.33	4201114.06	0.04969
606478.33	4201114.06	0.05098
606458.33	4201134.06	0.04992
606478.33	4201134.06	0.05123
606458.41	4201076.62	0.04912
606478.41	4201076.62	0.05041
606458.41	4201096.62	0.04945
606478.41	4201096.62	0.05075
606487.59	4201114.96	0.05162
606507.59	4201114.96	0.05305
606487.59	4201134.96	0.05188
606507.59	4201134.96	0.0533
606487.67	4201077.52	0.05103
606507.67	4201077.52	0.0524
606487.67	4201097.52	0.05138
606507.67	4201097.52	0.05277
605889.69	4201158.66	0.02773
605889.69	4201178.66	0.02776
605889.69	4201198.66	0.02781
605889.69	4201218.66	0.02783
605889.69	4201238.66	0.02776
605889.69	4201258.66	0.02728
605889.69	4201278.66	0.02638
605889.69	4201298.66	0.02474
605876.33	4201162.41	0.02744
605876.33	4201182.41	0.02747
605876.33	4201202.41	0.02751
605876.33	4201222.41	0.0275
605876.33	4201242.41	0.0273
605876.33	4201262.41	0.02674
605876.33	4201282.41	0.02582
605876.33	4201302.41	0.02438
605863.81	4201176.17	0.02719
605863.81	4201196.17	0.02721
605863.81	4201216.17	0.02717
605863.81	4201236.17	0.02704
605863.81	4201256.17	0.0266
605863.81	4201276.17	0.02615
605863.81	4201296.17	0.02474
605852.79	4201178.5	0.02695
605852.79	4201198.5	0.02693
605852.79	4201218.5	0.02687
605852.79	4201238.5	0.02669
605852.79	4201258.5	0.02631
605852.79	4201278.5	0.02592
605852.79	4201298.5	0.02469
605841.72	4201197.42	0.02665
605841.72	4201217.42	0.02659
605841.72	4201237.42	0.02642
605841.72	4201257.42	0.02612
605841.72	4201277.42	0.02585
605841.72	4201297.42	0.02492
605829.79	4201251.28	0.026
605829.79	4201271.28	0.02577
605829.79	4201291.28	0.02545
605818.78	4201253.61	0.0258
605818.78	4201273.61	0.0256
605818.78	4201293.61	0.02544
605807.71	4201252.53	0.02565
605807.71	4201272.53	0.02548
605807.71	4201292.53	0.02532
605818.76	4201242.41	0.0259
605831.7	4201240.74	0.02617
605821.68	4201230.72	0.02605
605832.12	4201225.71	0.02631
605779.97	4201340.44	0.02455
605759.97	4201360.44	0.02455
605779.97	4201360.44	0.02371
605759.97	4201380.44	0.02391
605779.97	4201380.44	0.02293
605759.97	4201400.44	0.02328
605779.97	4201400.44	0.02269
605791.09	4201315.56	0.02502
605791.09	4201335.56	0.02433
605791.09	4201355.56	0.02339
605798.95	4201281.17	0.0253
605798.95	4201301.17	0.02517
605798.95	4201321.17	0.02475
605779.79	4201321.31	0.02498
605786.18	4201298.71	0.02507

** CONCUNIT ug/ m^3
** DEPUNIT g/m^ 2

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\HRA 3\RANCH  HRA3\RA  NCH HRA  3.isc                  12/17/        19
                                                          10:58       37
ELEV  URBAN
GED ACROSS    5 YEARS   FOR SO    URCE GRO  UP: ROAD3

2X,A6,2X,A8,2 X,I8.8,   2X,A8)
ZELEV         ZHILL     ZFLAG     AVE       GRP        NUM YRS  NET ID
______  _     _____     ______    ______    ________   ________ ________
    70.52     76.73          0 ANNUAL   ROAD3          5
    75.35     75.35          0 ANNUAL   ROAD3          5
    75.71     75.71          0 ANNUAL   ROAD3          5
    76.06     76.06          0 ANNUAL   ROAD3          5
       76        76          0 ANNUAL   ROAD3          5
    75.55     75.55          0 ANNUAL   ROAD3          5
    75.33     75.33          0 ANNUAL   ROAD3          5
    74.86     74.86          0 ANNUAL   ROAD3          5
    74.69     74.69          0 ANNUAL   ROAD3          5
     74.6      74.6          0 ANNUAL   ROAD3          5
    72.81     76.73          0 ANNUAL   ROAD3          5
     76.7      76.7          0 ANNUAL   ROAD3          5
    76.13     76.13          0 ANNUAL   ROAD3          5
    75.64     75.64          0 ANNUAL   ROAD3          5
    75.57     75.57          0 ANNUAL   ROAD3          5
    75.59     75.59          0 ANNUAL   ROAD3          5
     75.4      75.4          0 ANNUAL   ROAD3          5
    75.02     75.02          0 ANNUAL   ROAD3          5
    74.76     74.76          0 ANNUAL   ROAD3          5
    74.64     74.64          0 ANNUAL   ROAD3          5
    74.44     74.44          0 ANNUAL   ROAD3          5
    74.23     74.23          0 ANNUAL   ROAD3          5
    68.27     76.73          0 ANNUAL   ROAD3          5
    72.08     76.73          0 ANNUAL   ROAD3          5
    75.92     75.92          0 ANNUAL   ROAD3          5
    75.67     75.67          0 ANNUAL   ROAD3          5
    75.54     75.54          0 ANNUAL   ROAD3          5
    75.47     75.47          0 ANNUAL   ROAD3          5
    75.48     75.48          0 ANNUAL   ROAD3          5
    75.34     75.34          0 ANNUAL   ROAD3          5
    75.11     75.11          0 ANNUAL   ROAD3          5
    74.84     74.84          0 ANNUAL   ROAD3          5
    74.64     74.64          0 ANNUAL   ROAD3          5
    74.44     74.44          0 ANNUAL   ROAD3          5
    74.24     74.24          0 ANNUAL   ROAD3          5
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* AERMOD ( 1919  1): C:\Users\ap  atel\Desktop  \HRA 3\RANCH  HRA3\RA  NCH HRA  3.isc        12/17/       19
* AERMET ( 1413  4):                                                                            10:58      37
* MODELING OPTI  ONS USED:   Reg  DFAULT  CONC  ELEV  URBAN
* PLOT           FILE OF ANNUAL   VALUES AVERA  GED ACROSS     5 YEARS   FOR SO   URCE GRO  UP: ROAD4
* FOR A          TOTAL OF  1667   RECEPTORS.
* FORMA          T: (3(1X,F13.5)  ,3(1X,F8.2),  2X,A6,2X,A8,2  X,I8.8,   2X,A8)
* X              Y                AVERAGE CONC  ZELEV          ZHILL     ZFLAG    AVE       GRP        NUM YRS  NET ID
* ____________   ____________     ____________  ______  _      _____     ______   ______    ________   ________ ________
      606771.32     4200808.57        0.04498         70.52     76.73          0 ANNUAL   ROAD4          5
       606787.8     4200808.22        0.04418         75.35     75.35          0 ANNUAL   ROAD4          5
       606807.8     4200808.22        0.04487         75.71     75.71          0 ANNUAL   ROAD4          5
       606827.8     4200808.22        0.04515         76.06     76.06          0 ANNUAL   ROAD4          5
       606847.8     4200808.22        0.04536            76        76          0 ANNUAL   ROAD4          5
       606867.8     4200808.22        0.04526         75.55     75.55          0 ANNUAL   ROAD4          5
       606887.8     4200808.22        0.04539         75.33     75.33          0 ANNUAL   ROAD4          5
       606907.8     4200808.22        0.04576         74.86     74.86          0 ANNUAL   ROAD4          5
       606927.8     4200808.22        0.04592         74.69     74.69          0 ANNUAL   ROAD4          5
       606947.8     4200808.22        0.04599          74.6      74.6          0 ANNUAL   ROAD4          5
       606767.8     4200828.22        0.04722         72.81     76.73          0 ANNUAL   ROAD4          5
       606787.8     4200828.22        0.04763          76.7      76.7          0 ANNUAL   ROAD4          5
       606807.8     4200828.22        0.04814         76.13     76.13          0 ANNUAL   ROAD4          5
       606827.8     4200828.22         0.0484         75.64     75.64          0 ANNUAL   ROAD4          5
       606847.8     4200828.22        0.04874         75.57     75.57          0 ANNUAL   ROAD4          5
       606867.8     4200828.22        0.04908         75.59     75.59          0 ANNUAL   ROAD4          5
       606887.8     4200828.22        0.04914          75.4      75.4          0 ANNUAL   ROAD4          5
       606907.8     4200828.22         0.0496         75.02     75.02          0 ANNUAL   ROAD4          5
       606927.8     4200828.22        0.04996         74.76     74.76          0 ANNUAL   ROAD4          5
       606947.8     4200828.22        0.05019         74.64     74.64          0 ANNUAL   ROAD4          5
       606967.8     4200828.22        0.05035         74.44     74.44          0 ANNUAL   ROAD4          5
       606987.8     4200828.22        0.05042         74.23     74.23          0 ANNUAL   ROAD4          5
       606747.8     4200848.22        0.05004         68.27     76.73          0 ANNUAL   ROAD4          5
       606767.8     4200848.22        0.05034         72.08     76.73          0 ANNUAL   ROAD4          5
       606787.8     4200848.22        0.05093         75.92     75.92          0 ANNUAL   ROAD4          5
       606807.8     4200848.22        0.05147         75.67     75.67          0 ANNUAL   ROAD4          5
       606827.8     4200848.22        0.05168         75.54     75.54          0 ANNUAL   ROAD4          5
       606847.8     4200848.22        0.05214         75.47     75.47          0 ANNUAL   ROAD4          5
       606867.8     4200848.22        0.05268         75.48     75.48          0 ANNUAL   ROAD4          5
       606887.8     4200848.22        0.05323         75.34     75.34          0 ANNUAL   ROAD4          5
       606907.8     4200848.22        0.05383         75.11     75.11          0 ANNUAL   ROAD4          5
       606927.8     4200848.22        0.05442         74.84     74.84          0 ANNUAL   ROAD4          5
       606947.8     4200848.22        0.05487         74.64     74.64          0 ANNUAL   ROAD4          5
       606967.8     4200848.22        0.05523         74.44     74.44          0 ANNUAL   ROAD4          5
       606987.8     4200848.22        0.05548         74.24     74.24          0 ANNUAL   ROAD4          5
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* AERMOD ( 1919  1): C:\Users\ap  atel\Desktop  \HRA 3\RANCH  HRA3\RA  NCH HRA  3.isc        12/17/       19
* AERMET ( 1413  4):                                                                            10:58      37
* MODELING OPTI  ONS USED:   Reg  DFAULT  CONC  ELEV  URBAN
* PLOT           FILE OF ANNUAL   VALUES AVERA  GED ACROSS     5 YEARS   FOR SO   URCE GRO  UP: ROAD5
* FOR A          TOTAL OF  1667   RECEPTORS.
* FORMA          T: (3(1X,F13.5)  ,3(1X,F8.2),  2X,A6,2X,A8,2  X,I8.8,   2X,A8)
* X              Y                AVERAGE CONC  ZELEV          ZHILL     ZFLAG    AVE       GRP        NUM YRS  NET ID
* ____________   ____________     ____________  ______  _      _____     ______   ______    ________   ________ ________
      606771.32     4200808.57        0.03495         70.52     76.73          0 ANNUAL   ROAD5          5
       606787.8     4200808.22        0.03523         75.35     75.35          0 ANNUAL   ROAD5          5
       606807.8     4200808.22         0.0354         75.71     75.71          0 ANNUAL   ROAD5          5
       606827.8     4200808.22        0.03554         76.06     76.06          0 ANNUAL   ROAD5          5
       606847.8     4200808.22        0.03565            76        76          0 ANNUAL   ROAD5          5
       606867.8     4200808.22        0.03573         75.55     75.55          0 ANNUAL   ROAD5          5
       606887.8     4200808.22         0.0358         75.33     75.33          0 ANNUAL   ROAD5          5
       606907.8     4200808.22        0.03583         74.86     74.86          0 ANNUAL   ROAD5          5
       606927.8     4200808.22        0.03585         74.69     74.69          0 ANNUAL   ROAD5          5
       606947.8     4200808.22        0.03586          74.6      74.6          0 ANNUAL   ROAD5          5
       606767.8     4200828.22        0.03696         72.81     76.73          0 ANNUAL   ROAD5          5
       606787.8     4200828.22        0.03723          76.7      76.7          0 ANNUAL   ROAD5          5
       606807.8     4200828.22        0.03734         76.13     76.13          0 ANNUAL   ROAD5          5
       606827.8     4200828.22        0.03742         75.64     75.64          0 ANNUAL   ROAD5          5
       606847.8     4200828.22         0.0375         75.57     75.57          0 ANNUAL   ROAD5          5
       606867.8     4200828.22        0.03755         75.59     75.59          0 ANNUAL   ROAD5          5
       606887.8     4200828.22        0.03757          75.4      75.4          0 ANNUAL   ROAD5          5
       606907.8     4200828.22        0.03757         75.02     75.02          0 ANNUAL   ROAD5          5
       606927.8     4200828.22        0.03755         74.76     74.76          0 ANNUAL   ROAD5          5
       606947.8     4200828.22        0.03751         74.64     74.64          0 ANNUAL   ROAD5          5
       606967.8     4200828.22        0.03745         74.44     74.44          0 ANNUAL   ROAD5          5
       606987.8     4200828.22        0.03738         74.23     74.23          0 ANNUAL   ROAD5          5
       606747.8     4200848.22        0.03871         68.27     76.73          0 ANNUAL   ROAD5          5
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* AERMOD ( 1919  1): C:\Users\a   patel\Desktop  \HRA 3\RANCH  HRA3\RA  NCH HRA  3.isc       12/17/       19
* AERMET ( 1413  4):                                                                            10:58      37
* MODELING OPTI  ONS USED:   Re   gDFAULT  CONC  ELEV  URBAN
* PLOT           FILE OF ANNUAL   VALUES AVERA   GED ACROSS     5 YEARS   FOR SO   URCE GRO  UP: ROAD6
* FOR A          TOTAL OF  166    7 RECEPTORS.
* FORMA          T: (3(1X,F13.5   ),3(1X,F8.2),  2X,A6,2X,A8,2  X,I8.8,   2X,A8)
* X              Y                AVERAGE CONC   ZELEV          ZHILL     ZFLAG    AVE       GRP        NUM YRS  NET ID
* ____________   ____________     ____________   ______  _      _____     ______   ______    ________   ________ ________
      606771.32     4200808.57        0.03568         70.52     76.73          0 ANNUAL   ROAD6          5
       606787.8     4200808.22        0.03594         75.35     75.35          0 ANNUAL   ROAD6          5
       606807.8     4200808.22        0.03608         75.71     75.71          0 ANNUAL   ROAD6          5
       606827.8     4200808.22         0.0362         76.06     76.06          0 ANNUAL   ROAD6          5
       606847.8     4200808.22        0.03629            76        76          0 ANNUAL   ROAD6          5
       606867.8     4200808.22        0.03634         75.55     75.55          0 ANNUAL   ROAD6          5
       606887.8     4200808.22        0.03637         75.33     75.33          0 ANNUAL   ROAD6          5
       606907.8     4200808.22        0.03638         74.86     74.86          0 ANNUAL   ROAD6          5
       606927.8     4200808.22        0.03638         74.69     74.69          0 ANNUAL   ROAD6          5
       606947.8     4200808.22        0.03636          74.6      74.6          0 ANNUAL   ROAD6          5
       606767.8     4200828.22         0.0377         72.81     76.73          0 ANNUAL   ROAD6          5
       606787.8     4200828.22        0.03795          76.7      76.7          0 ANNUAL   ROAD6          5
       606807.8     4200828.22        0.03803         76.13     76.13          0 ANNUAL   ROAD6          5
       606827.8     4200828.22        0.03808         75.64     75.64          0 ANNUAL   ROAD6          5
       606847.8     4200828.22        0.03812         75.57     75.57          0 ANNUAL   ROAD6          5
       606867.8     4200828.22        0.03815         75.59     75.59          0 ANNUAL   ROAD6          5
       606887.8     4200828.22        0.03814          75.4      75.4          0 ANNUAL   ROAD6          5
       606907.8     4200828.22        0.03811         75.02     75.02          0 ANNUAL   ROAD6          5
       606927.8     4200828.22        0.03806         74.76     74.76          0 ANNUAL   ROAD6          5
       606947.8     4200828.22          0.038         74.64     74.64          0 ANNUAL   ROAD6          5
       606967.8     4200828.22        0.03792         74.44     74.44          0 ANNUAL   ROAD6          5
       606987.8     4200828.22        0.03781         74.23     74.23          0 ANNUAL   ROAD6          5
       606747.8     4200848.22        0.03948         68.27     76.73          0 ANNUAL   ROAD6          5
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* AERMOD ( 1919  1): C:\Users\apa  tel\Desktop  \HRA 2\RANCH  HRA2\RA  NCH HRA  2.isc        12/17/       19
* AERMET ( 1413  4):                                                                            9:32       24
* MODELING OPTI  ONS USED:   RegD  FAULT  CONC  ELEV  URBAN
* PLOT           FILE OF ANNUAL V  ALUES AVERA  GED ACROSS     5 YEARS   FOR SO   URCE GRO  UP: ROAD6
* FOR A          TOTAL OF  1068    RECEPTORS.
* FORMA          T: (3(1X,F13.5),  3(1X,F8.2),  2X,A6,2X,A8,2  X,I8.8,   2X,A8)
* X              Y    A            VERAGE CONC  ZELEV          ZHILL     ZFLAG    AVE       GRP        NUM YRS  NET ID
* ____________   ____________  _   ___________  ______  _      _____     ______   ______    ________   ________ ________
      606771.32     4200808.57        0.03568         70.52     76.73          0 ANNUAL   ROAD6          5
       606787.8     4200808.22        0.03594         75.35     75.35          0 ANNUAL   ROAD6          5
       606807.8     4200808.22        0.03608         75.71     75.71          0 ANNUAL   ROAD6          5
       606827.8     4200808.22         0.0362         76.06     76.06          0 ANNUAL   ROAD6          5
       606847.8     4200808.22        0.03629            76        76          0 ANNUAL   ROAD6          5
       606867.8     4200808.22        0.03634         75.55     75.55          0 ANNUAL   ROAD6          5
       606887.8     4200808.22        0.03637         75.33     75.33          0 ANNUAL   ROAD6          5
       606907.8     4200808.22        0.03638         74.86     74.86          0 ANNUAL   ROAD6          5
       606927.8     4200808.22        0.03638         74.69     74.69          0 ANNUAL   ROAD6          5
       606947.8     4200808.22        0.03636          74.6      74.6          0 ANNUAL   ROAD6          5
       606767.8     4200828.22         0.0377         72.81     76.73          0 ANNUAL   ROAD6          5
       606787.8     4200828.22        0.03795          76.7      76.7          0 ANNUAL   ROAD6          5
       606807.8     4200828.22        0.03803         76.13     76.13          0 ANNUAL   ROAD6          5
       606827.8     4200828.22        0.03808         75.64     75.64          0 ANNUAL   ROAD6          5
       606847.8     4200828.22        0.03812         75.57     75.57          0 ANNUAL   ROAD6          5
       606867.8     4200828.22        0.03815         75.59     75.59          0 ANNUAL   ROAD6          5
       606887.8     4200828.22        0.03814          75.4      75.4          0 ANNUAL   ROAD6          5
       606907.8     4200828.22        0.03811         75.02     75.02          0 ANNUAL   ROAD6          5
       606927.8     4200828.22        0.03806         74.76     74.76          0 ANNUAL   ROAD6          5
       606947.8     4200828.22          0.038         74.64     74.64          0 ANNUAL   ROAD6          5
       606967.8     4200828.22        0.03792         74.44     74.44          0 ANNUAL   ROAD6          5
       606987.8     4200828.22        0.03781         74.23     74.23          0 ANNUAL   ROAD6          5
       606747.8     4200848.22        0.03948         68.27     76.73          0 ANNUAL   ROAD6          5
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* AERMOD ( 1919  1): C:\Users\a   patel\Desktop  \HRA\RANCH  HRA\RANCH  HRA.isc               12/16/       19
* AERMET ( 1413  4):                                                                            18:11      22
* MODELING OPTI  ONS USED:   Re   gDFAULT  CONC  ELEV  UR       BAN
* PLOT           FILE OF ANNUAL   VALUES AVERA   GED ACROSS     5 YEARS   FOR SOUR  CE GRO  UP: ROAD6
* FOR A          TOTAL OF  140    4 RECEPTORS.
* FORMA          T: (3(1X,F13.5   ),3(1X,F8.2),  2X,A6,2X,A     8,2X,I8.8,  2X,A8)
* X              Y                AVERAGE CONC   ZELEV          ZHILL       ZFLAG    AVE       GRP        NUM YRS  NET ID
* ____________   ____________     ____________   ______         ______      ______   ______    ________   ________ ________
      607590.92     4201023.63        0.03455         67.84     67.84          0 ANNUAL   ROAD6          5
      607614.41     4201023.63        0.03394         67.56     67.56          0 ANNUAL   ROAD6          5
       607637.9     4201023.63        0.03335         67.23     67.23          0 ANNUAL   ROAD6          5
      607661.39     4201023.63        0.03277         66.95     66.95          0 ANNUAL   ROAD6          5
      607684.88     4201023.63         0.0322         66.67     66.67          0 ANNUAL   ROAD6          5
      607708.37     4201023.63        0.03164         66.39     66.39          0 ANNUAL   ROAD6          5
      607590.92     4201040.15        0.03483         67.81     67.81          0 ANNUAL   ROAD6          5
      607614.41     4201040.15        0.03421         67.48     67.48          0 ANNUAL   ROAD6          5
       607637.9     4201040.15         0.0336         67.22     67.22          0 ANNUAL   ROAD6          5
      607661.39     4201040.15          0.033          66.9      66.9          0 ANNUAL   ROAD6          5
      607684.88     4201040.15        0.03241         66.66     66.66          0 ANNUAL   ROAD6          5
      607708.37     4201040.15        0.03184         66.34     66.34          0 ANNUAL   ROAD6          5
      607590.92     4201056.67         0.0351          67.8      67.8          0 ANNUAL   ROAD6          5
      607614.41     4201056.67        0.03445         67.47     67.47          0 ANNUAL   ROAD6          5
       607637.9     4201056.67        0.03382         67.14     67.14          0 ANNUAL   ROAD6          5
      607661.39     4201056.67        0.03321         66.91     66.91          0 ANNUAL   ROAD6          5
      607684.88     4201056.67        0.03261         66.58     66.58          0 ANNUAL   ROAD6          5
      607708.37     4201056.67        0.03202         66.29     66.29          0 ANNUAL   ROAD6          5
      607520.45     4201073.19        0.03741         68.52     68.52          0 ANNUAL   ROAD6          5
      607543.94     4201073.19        0.03671         68.28     68.28          0 ANNUAL   ROAD6          5
      607567.43     4201073.19        0.03602         68.04     68.04          0 ANNUAL   ROAD6          5
      607590.92     4201073.19        0.03534          67.8      67.8          0 ANNUAL   ROAD6          5
      607614.41     4201073.19        0.03468         67.47     67.47          0 ANNUAL   ROAD6          5
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72.54	72.54	0	ANNUAL	ROAD3	5	607147.8	4201088.22	0.26635	72.54	72.54	0 ANNUAL	ROAD4
72.34	72.34	0	ANNUAL	ROAD3	5	607167.8	4201088.22	0.30052	72.34	72.34	0 ANNUAL	ROAD4
72.14	72.14	0	ANNUAL	ROAD3	5	607187.8	4201088.22	0.34424	72.14	72.14	0 ANNUAL	ROAD4
71.94	71.94	0	ANNUAL	ROAD3	5	607207.8	4201088.22	0.40207	71.94	71.94	0 ANNUAL	ROAD4
71.74	71.74	0	ANNUAL	ROAD3	5	607227.8	4201088.22	0.48202	71.74	71.74	0 ANNUAL	ROAD4
71.54	71.54	0	ANNUAL	ROAD3	5	607247.8	4201088.22	0.59935	71.54	71.54	0 ANNUAL	ROAD4
71.34	71.34	0	ANNUAL	ROAD3	5	607267.8	4201088.22	0.78713	71.34	71.34	0 ANNUAL	ROAD4
71.14	71.14	0	ANNUAL	ROAD3	5	607287.8	4201088.22	1.12953	71.14	71.14	0 ANNUAL	ROAD4
70.94	70.94	0	ANNUAL	ROAD3	5	607307.8	4201088.22	1.88382	70.94	70.94	0 ANNUAL	ROAD4
77.96	77.96	0	ANNUAL	ROAD3	5	606527.8	4201108.22	0.05485	77.96	77.96	0 ANNUAL	ROAD4
77.91	77.91	0	ANNUAL	ROAD3	5	606547.8	4201108.22	0.05642	77.91	77.91	0 ANNUAL	ROAD4
77.78	77.78	0	ANNUAL	ROAD3	5	606567.8	4201108.22	0.05811	77.78	77.78	0 ANNUAL	ROAD4
77.7	77.7	0	ANNUAL	ROAD3	5	606587.8	4201108.22	0.05988	77.7	77.7	0 ANNUAL	ROAD4
77.57	77.57	0	ANNUAL	ROAD3	5	606607.8	4201108.22	0.06179	77.57	77.57	0 ANNUAL	ROAD4
77.48	77.48	0	ANNUAL	ROAD3	5	606627.8	4201108.22	0.0638	77.48	77.48	0 ANNUAL	ROAD4
77.49	77.49	0	ANNUAL	ROAD3	5	606647.8	4201108.22	0.06591	77.49	77.49	0 ANNUAL	ROAD4
77.42	77.42	0	ANNUAL	ROAD3	5	606667.8	4201108.22	0.06817	77.42	77.42	0 ANNUAL	ROAD4
77.34	77.34	0	ANNUAL	ROAD3	5	606687.8	4201108.22	0.07059	77.34	77.34	0 ANNUAL	ROAD4
77.17	77.17	0	ANNUAL	ROAD3	5	606707.8	4201108.22	0.07319	77.17	77.17	0 ANNUAL	ROAD4
77.07	77.07	0	ANNUAL	ROAD3	5	606727.8	4201108.22	0.07593	77.07	77.07	0 ANNUAL	ROAD4
76.89	76.89	0	ANNUAL	ROAD3	5	606747.8	4201108.22	0.07887	76.89	76.89	0 ANNUAL	ROAD4
76.6	76.6	0	ANNUAL	ROAD3	5	606767.8	4201108.22	0.08207	76.6	76.6	0 ANNUAL	ROAD4
76.42	76.42	0	ANNUAL	ROAD3	5	606787.8	4201108.22	0.08545	76.42	76.42	0 ANNUAL	ROAD4
76.21	76.21	0	ANNUAL	ROAD3	5	606807.8	4201108.22	0.08911	76.21	76.21	0 ANNUAL	ROAD4
75.96	75.96	0	ANNUAL	ROAD3	5	606827.8	4201108.22	0.09309	75.96	75.96	0 ANNUAL	ROAD4
75.74	75.74	0	ANNUAL	ROAD3	5	606847.8	4201108.22	0.09737	75.74	75.74	0 ANNUAL	ROAD4
75.57	75.57	0	ANNUAL	ROAD3	5	606867.8	4201108.22	0.10156	75.57	75.57	0 ANNUAL	ROAD4
75.4	75.4	0	ANNUAL	ROAD3	5	606887.8	4201108.22	0.10636	75.4	75.4	0 ANNUAL	ROAD4
75.17	75.17	0	ANNUAL	ROAD3	5	606907.8	4201108.22	0.11188	75.17	75.17	0 ANNUAL	ROAD4
74.95	74.95	0	ANNUAL	ROAD3	5	606927.8	4201108.22	0.11797	74.95	74.95	0 ANNUAL	ROAD4
74.77	74.77	0	ANNUAL	ROAD3	5	606947.8	4201108.22	0.12474	74.77	74.77	0 ANNUAL	ROAD4
74.6	74.6	0	ANNUAL	ROAD3	5	606967.8	4201108.22	0.13225	74.6	74.6	0 ANNUAL	ROAD4
74.44	74.44	0	ANNUAL	ROAD3	5	606987.8	4201108.22	0.14067	74.44	74.44	0 ANNUAL	ROAD4
74.24	74.24	0	ANNUAL	ROAD3	5	607007.8	4201108.22	0.15018	74.24	74.24	0 ANNUAL	ROAD4
74.04	74.04	0	ANNUAL	ROAD3	5	607027.8	4201108.22	0.16102	74.04	74.04	0 ANNUAL	ROAD4
73.81	73.81	0	ANNUAL	ROAD3	5	607047.8	4201108.22	0.17358	73.81	73.81	0 ANNUAL	ROAD4
73.54	73.54	0	ANNUAL	ROAD3	5	607067.8	4201108.22	0.18822	73.54	73.54	0 ANNUAL	ROAD4
73.3	73.3	0	ANNUAL	ROAD3	5	607087.8	4201108.22	0.20533	73.3	73.3	0 ANNUAL	ROAD4
73.04	73.04	0	ANNUAL	ROAD3	5	607107.8	4201108.22	0.22567	73.04	73.04	0 ANNUAL	ROAD4
72.8	72.8	0	ANNUAL	ROAD3	5	607127.8	4201108.22	0.25016	72.8	72.8	0 ANNUAL	ROAD4
72.54	72.54	0	ANNUAL	ROAD3	5	607147.8	4201108.22	0.28027	72.54	72.54	0 ANNUAL	ROAD4
72.34	72.34	0	ANNUAL	ROAD3	5	607167.8	4201108.22	0.31786	72.34	72.34	0 ANNUAL	ROAD4
72.14	72.14	0	ANNUAL	ROAD3	5	607187.8	4201108.22	0.3664	72.14	72.14	0 ANNUAL	ROAD4

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70.94 70.94 0 ANNUAL ROAD3 5
70.92 70.92 0 ANNUAL ROAD3 5
79.35 79.35 0 ANNUAL ROAD3 5
79.03 79.03 0 ANNUAL ROAD3 5
78.73 78.73 0 ANNUAL ROAD3 5
78.37 78.37 0 ANNUAL ROAD3 5
78.07 78.07 0 ANNUAL ROAD3 5
77.89 77.89 0 ANNUAL ROAD3 5
77.73 77.73 0 ANNUAL ROAD3 5
77.49 77.49 0 ANNUAL ROAD3 5
77.26 77.26 0 ANNUAL ROAD3 5
76.91 76.91 0 ANNUAL ROAD3 5
76.75 76.75 0 ANNUAL ROAD3 5
76.48 76.48 0 ANNUAL ROAD3 5
76.32 76.32 0 ANNUAL ROAD3 5
76.19 76.19 0 ANNUAL ROAD3 5
   76    76 0 ANNUAL ROAD3 5
75.75 75.75 0 ANNUAL ROAD3 5
75.45 75.45 0 ANNUAL ROAD3 5
75.26 75.26 0 ANNUAL ROAD3 5
75.04 75.04 0 ANNUAL ROAD3 5
74.76 74.76 0 ANNUAL ROAD3 5
 74.5  74.5 0 ANNUAL ROAD3 5
74.24 74.24 0 ANNUAL ROAD3 5
74.05 74.05 0 ANNUAL ROAD3 5
73.77 73.77 0 ANNUAL ROAD3 5
73.36 73.36 0 ANNUAL ROAD3 5
73.03 73.03 0 ANNUAL ROAD3 5
72.85 72.85 0 ANNUAL ROAD3 5
72.64 72.64 0 ANNUAL ROAD3 5
72.45 72.45 0 ANNUAL ROAD3 5
72.33 72.33 0 ANNUAL ROAD3 5
   72    72 0 ANNUAL ROAD3 5
71.67 71.67 0 ANNUAL ROAD3 5
71.54 71.54 0 ANNUAL ROAD3 5
71.52 71.52 0 ANNUAL ROAD3 5
71.36 71.36 0 ANNUAL ROAD3 5
71.08 71.08 0 ANNUAL ROAD3 5
70.95 70.95 0 ANNUAL ROAD3 5
70.91 70.91 0 ANNUAL ROAD3 5
70.83 70.83 0 ANNUAL ROAD3 5
70.82 70.82 0 ANNUAL ROAD3 5
79.46 79.46 0 ANNUAL ROAD3 5
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607287.8 4201268.22
607307.8 4201268.22
606527.8 4201288.22
606547.8 4201288.22
606567.8 4201288.22
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		79.96	79.96	0	ANNUAL	ROAD3	5
		79.46	79.46	0	ANNUAL	ROAD3	5
		79	79	0	ANNUAL	ROAD3	5
		78.72	78.72	0	ANNUAL	ROAD3	5
		78.5	78.5	0	ANNUAL	ROAD3	5
		80.16	80.16	0	ANNUAL	ROAD3	5
		79.67	79.67	0	ANNUAL	ROAD3	5
		79.28	79.28	0	ANNUAL	ROAD3	5
		78.99	78.99	0	ANNUAL	ROAD3	5
		78.74	78.74	0	ANNUAL	ROAD3	5
		80.41	80.41	0	ANNUAL	ROAD3	5
		79.89	79.89	0	ANNUAL	ROAD3	5
		79.47	79.47	0	ANNUAL	ROAD3	5
		79.19	79.19	0	ANNUAL	ROAD3	5
		78.95	78.95	0	ANNUAL	ROAD3	5
		80.78	80.78	0	ANNUAL	ROAD3	5
		80.18	80.18	0	ANNUAL	ROAD3	5
		79.67	79.67	0	ANNUAL	ROAD3	5
		79.37	79.37	0	ANNUAL	ROAD3	5
		79.09	79.09	0	ANNUAL	ROAD3	5
		81.21	81.21	0	ANNUAL	ROAD3	5
		80.57	80.57	0	ANNUAL	ROAD3	5
		79.88	79.88	0	ANNUAL	ROAD3	5
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		79.2	79.2	0	ANNUAL	ROAD3	5
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		81.07	81.07	0	ANNUAL	ROAD3	5
		80.18	80.18	0	ANNUAL	ROAD3	5
		79.7	79.7	0	ANNUAL	ROAD3	5
		79.4	79.4	0	ANNUAL	ROAD3	5
		82.6	82.6	0	ANNUAL	ROAD3	5
		81.74	81.74	0	ANNUAL	ROAD3	5
		80.82	80.82	0	ANNUAL	ROAD3	5
		79.92	79.92	0	ANNUAL	ROAD3	5
		79.6	79.6	0	ANNUAL	ROAD3	5
		83.9	83.9	0	ANNUAL	ROAD3	5
		83.04	83.04	0	ANNUAL	ROAD3	5
		81.9	84.33	0	ANNUAL	ROAD3	5
		80.65	87.3	0	ANNUAL	ROAD3	5
		79.85	87.3	0	ANNUAL	ROAD3	5
		85.06	85.06	0	ANNUAL	ROAD3	5

84.58	84.58	0 ANNUAL	ROAD3	5
83.69	85.21	0 ANNUAL	ROAD3	5
82.15	87.3	0 ANNUAL	ROAD3	5
80.35	87.31	0 ANNUAL	ROAD3	5
86.2	86.2	0 ANNUAL	ROAD3	5
85.95	85.95	0 ANNUAL	ROAD3	5
85.63	85.63	0 ANNUAL	ROAD3	5
86.84	86.84	0 ANNUAL	ROAD3	5
86.94	86.94	0 ANNUAL	ROAD3	5
86.98	86.98	0 ANNUAL	ROAD3	5
86.85	86.85	0 ANNUAL	ROAD3	5
86.97	86.97	0 ANNUAL	ROAD3	5
87.02	87.02	0 ANNUAL	ROAD3	5
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84.94	84.94	0 ANNUAL	ROAD3	5
82.84	82.84	0 ANNUAL	ROAD3	5
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79.41	95.86	0 ANNUAL	ROAD3	5
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79.33	79.33	0 ANNUAL	ROAD3	5
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79.02	79.02	0 ANNUAL	ROAD3	5
79.51	87.22	0 ANNUAL	ROAD3	5
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79.21	79.21	0 ANNUAL	ROAD3	5
79.75	87.31	0 ANNUAL	ROAD3	5
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79.42	79.42	0 ANNUAL	ROAD3	5
80.2	87.22	0 ANNUAL	ROAD3	5
79.81	79.81	0 ANNUAL	ROAD3	5
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81.89	83.02	0 ANNUAL	ROAD3	5
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81.31	81.31	0 ANNUAL	ROAD3	5
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78.14	80.63	0 ANNUAL	ROAD3	5
77.64	95.77	0 ANNUAL	ROAD3	5
76.16	95.77	0 ANNUAL	ROAD3	5
74.33	95.77	0 ANNUAL	ROAD3	5
85.06	86.56	0 ANNUAL	ROAD3	5
82.67	87.31	0 ANNUAL	ROAD3	5
87.05	87.05	0 ANNUAL	ROAD3	5
85.74	87.22	0 ANNUAL	ROAD3	5
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86.87	86.87	0 ANNUAL	ROAD3	5
86.32	86.32	0 ANNUAL	ROAD3	5
86.16	86.16	0 ANNUAL	ROAD3	5
84.91	84.91	0 ANNUAL	ROAD3	5
84.85	84.85	0 ANNUAL	ROAD3	5
83.35	83.35	0 ANNUAL	ROAD3	5
83.38	83.38	0 ANNUAL	ROAD3	5
81.78	81.78	0 ANNUAL	ROAD3	5
81.89	81.89	0 ANNUAL	ROAD3	5
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80.43	95.52	0 ANNUAL	ROAD3	5
79.43	95.77	0 ANNUAL	ROAD3	5
79.48	95.77	0 ANNUAL	ROAD3	5
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79.64	87.3	0 ANNUAL	ROAD3	5
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79.54	87.31	0 ANNUAL	ROAD3	5
80.38	87.31	0 ANNUAL	ROAD3	5
79.75	87.31	0 ANNUAL	ROAD3	5
83.11	87.31	0 ANNUAL	ROAD3	5
80.39	87.31	0 ANNUAL	ROAD3	5
85.24	86.31	0 ANNUAL	ROAD3	5
82.62	86.84	0 ANNUAL	ROAD3	5
85.29	85.29	0 ANNUAL	ROAD3	5
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81.44	81.44	0 ANNUAL	ROAD3	5
81.31	81.31	0 ANNUAL	ROAD3	5
80.09	95.62	0 ANNUAL	ROAD3	5
80	93.16	0 ANNUAL	ROAD3	5
79.09	95.77	0 ANNUAL	ROAD3	5
78.06	95.77	0 ANNUAL	ROAD3	5
78.32	78.32	0 ANNUAL	ROAD3	5
78.25	78.25	0 ANNUAL	ROAD3	5
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77.9	77.9	0 ANNUAL	ROAD3	5
77.7	77.7	0 ANNUAL	ROAD3	5
78.14	78.14	0 ANNUAL	ROAD3	5
78	78	0 ANNUAL	ROAD3	5
78.22	78.22	0 ANNUAL	ROAD3	5
78.02	78.02	0 ANNUAL	ROAD3	5
78.34	78.34	0 ANNUAL	ROAD3	5
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92.17 1	13.61	0 ANNUAL	ROAD3	5
98.63 1	13.61	0 ANNUAL	ROAD3	5
86.17 1	13.61	0 ANNUAL	ROAD3	5
86.69 1	13.61	0 ANNUAL	ROAD3	5
87.32 1	13.61	0 ANNUAL	ROAD3	5
88.46 1	13.61	0 ANNUAL	ROAD3	5
90.44 1	13.61	0 ANNUAL	ROAD3	5
92.34 1	13.61	0 ANNUAL	ROAD3	5
97.99 1	13.61	0 ANNUAL	ROAD3	5
87.09 1	13.61	0 ANNUAL	ROAD3	5
87.70 1	13.61	0 ANNUAL	ROAD3	5
88.80 1	13.61	0 ANNUAL	ROAD3	5
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89.91 1	13.61	0 ANNUAL	ROAD3	5
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92.66 1	13.61	0 ANNUAL	ROAD3	5
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91.83 1	13.61	0 ANNUAL	ROAD3	5
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91.49 1	13.61	0 ANNUAL	ROAD3	5
89.40 1	13.61	0 ANNUAL	ROAD3	5
89.20 1	13.61	0 ANNUAL	ROAD3	5
88.83 1	13.61	0 ANNUAL	ROAD3	5
88.38 1	13.61	0 ANNUAL	ROAD3	5
92.81 1	13.61	0 ANNUAL	ROAD3	5
91.01 1	19.11	0 ANNUAL	ROAD3	5
96.75 1	13.61	0 ANNUAL	ROAD3	5
93.94 1	18.2	0 ANNUAL	ROAD3	5
100.70 1	13.61	0 ANNUAL	ROAD3	5
96.87 1	13.61	0 ANNUAL	ROAD3	5
101.95 1	13.5	0 ANNUAL	ROAD3	5
91.56 1	13.61	0 ANNUAL	ROAD3	5
94.76 1	13.61	0 ANNUAL	ROAD3	5
99.31 1	13.61	0 ANNUAL	ROAD3	5
90.84 1	13.61	0 ANNUAL	ROAD3	5
91.52 1	13.61	0 ANNUAL	ROAD3	5
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90.79 1	13.61	0 ANNUAL	ROAD3	5
90.94 1	13.61	0 ANNUAL	ROAD3	5

606345.06	4201227.99	0.04294	84.58	84.58	0 ANNUAL	ROAD4	5
606365.06	4201227.99	0.04424	83.69	85.21	0 ANNUAL	ROAD4	5
606385.06	4201227.99	0.04583	82.15	87.3	0 ANNUAL	ROAD4	5
606405.06	4201227.99	0.04758	80.35	87.31	0 ANNUAL	ROAD4	5
606325.06	4201247.99	0.04146	86.2	86.2	0 ANNUAL	ROAD4	5
606345.06	4201247.99	0.04248	85.95	85.95	0 ANNUAL	ROAD4	5
606365.06	4201247.99	0.04355	85.63	85.63	0 ANNUAL	ROAD4	5
606325.06	4201267.99	0.04126	86.84	86.84	0 ANNUAL	ROAD4	5
606345.06	4201267.99	0.04213	86.94	86.94	0 ANNUAL	ROAD4	5
606365.06	4201267.99	0.04305	86.98	86.98	0 ANNUAL	ROAD4	5
606325.06	4201287.99	0.04129	86.85	86.85	0 ANNUAL	ROAD4	5
606345.06	4201287.99	0.04216	86.97	86.97	0 ANNUAL	ROAD4	5
606365.06	4201287.99	0.04308	87.02	87.02	0 ANNUAL	ROAD4	5
606325.06	4201307.99	0.04162	86.1	86.1	0 ANNUAL	ROAD4	5
606345.06	4201307.99	0.04248	86.3	86.3	0 ANNUAL	ROAD4	5
606365.06	4201307.99	0.04342	86.35	86.35	0 ANNUAL	ROAD4	5
606325.06	4201327.99	0.04227	84.53	84.53	0 ANNUAL	ROAD4	5
606345.06	4201327.99	0.04312	84.83	84.83	0 ANNUAL	ROAD4	5
606365.06	4201327.99	0.04406	84.94	84.94	0 ANNUAL	ROAD4	5
606325.06	4201347.99	0.04293	82.84	82.84	0 ANNUAL	ROAD4	5
606345.06	4201347.99	0.04382	83.13	83.13	0 ANNUAL	ROAD4	5
606365.06	4201347.99	0.04476	83.35	83.35	0 ANNUAL	ROAD4	5
606325.06	4201367.99	0.04353	81.16	95.48	0 ANNUAL	ROAD4	5
606345.06	4201367.99	0.04444	81.53	81.53	0 ANNUAL	ROAD4	5
606365.06	4201367.99	0.04543	81.74	81.74	0 ANNUAL	ROAD4	5
606325.06	4201387.99	0.04396	79.83	95.86	0 ANNUAL	ROAD4	5
606345.06	4201387.99	0.04497	80.03	95.86	0 ANNUAL	ROAD4	5
606365.06	4201387.99	0.04598	80.29	95.65	0 ANNUAL	ROAD4	5
606325.06	4201407.99	0.04418	79.09	96.28	0 ANNUAL	ROAD4	5
606345.06	4201407.99	0.04523	79.21	95.86	0 ANNUAL	ROAD4	5
606365.06	4201407.99	0.04629	79.41	95.86	0 ANNUAL	ROAD4	5
606461.88	4201147.93	0.05074	78.63	78.63	0 ANNUAL	ROAD4	5
606481.88	4201147.93	0.05209	78.52	78.52	0 ANNUAL	ROAD4	5
606501.88	4201147.93	0.05353	78.42	78.42	0 ANNUAL	ROAD4	5
606461.88	4201167.93	0.05093	78.82	78.82	0 ANNUAL	ROAD4	5
606481.88	4201167.93	0.05229	78.71	78.71	0 ANNUAL	ROAD4	5
606501.88	4201167.93	0.05375	78.54	78.54	0 ANNUAL	ROAD4	5
606461.88	4201187.93	0.05108	79.02	79.02	0 ANNUAL	ROAD4	5
606481.88	4201187.93	0.05247	78.83	78.83	0 ANNUAL	ROAD4	5
606501.88	4201187.93	0.05393	78.7	78.7	0 ANNUAL	ROAD4	5
606461.88	4201207.93	0.0512	79.23	79.23	0 ANNUAL	ROAD4	5
606481.88	4201207.93	0.0526	79.02	79.02	0 ANNUAL	ROAD4	5
606501.88	4201207.93	0.05408	78.82	78.82	0 ANNUAL	ROAD4	5
606461.88	4201227.93	0.05133	79.33	79.33	0 ANNUAL	ROAD4	5
606481.88	4201227.93	0.05271	79.19	79.19	0 ANNUAL	ROAD4	5
606501.88	4201227.93	0.05417	79.02	79.02	0 ANNUAL	ROAD4	5
606461.88	4201247.93	0.05141	79.51	87.22	0 ANNUAL	ROAD4	5
606481.88	4201247.93	0.05278	79.39	79.39	0 ANNUAL	ROAD4	5
606501.88	4201247.93	0.05425	79.21	79.21	0 ANNUAL	ROAD4	5
606461.88	4201267.93	0.05145	79.75	87.31	0 ANNUAL	ROAD4	5
606481.88	4201267.93	0.05282	79.62	79.62	0 ANNUAL	ROAD4	5
606501.88	4201267.93	0.05429	79.42	79.42	0 ANNUAL	ROAD4	5
606461.88	4201287.93	0.05139	80.2	87.22	0 ANNUAL	ROAD4	5
606481.88	4201287.93	0.05286	79.81	79.81	0 ANNUAL	ROAD4	5
606501.88	4201287.93	0.05432	79.62	79.62	0 ANNUAL	ROAD4	5
606461.88	4201307.93	0.05097	81.37	85.61	0 ANNUAL	ROAD4	5
606481.88	4201307.93	0.05283	80.13	80.13	0 ANNUAL	ROAD4	5
606501.88	4201307.93	0.05434	79.82	79.82	0 ANNUAL	ROAD4	5
606461.88	4201327.93	0.0508	81.89	83.02	0 ANNUAL	ROAD4	5
606481.88	4201327.93	0.05264	80.76	80.76	0 ANNUAL	ROAD4	5
606501.88	4201327.93	0.05434	80.04	80.04	0 ANNUAL	ROAD4	5
606461.88	4201347.93	0.05067	82.34	82.34	0 ANNUAL	ROAD4	5
606481.88	4201347.93	0.05245	81.32	81.32	0 ANNUAL	ROAD4	5
606501.88	4201347.93	0.05426	80.39	80.39	0 ANNUAL	ROAD4	5
606461.88	4201367.93	0.05125	81.31	81.31	0 ANNUAL	ROAD4	5
606481.88	4201367.93	0.05275	80.88	80.88	0 ANNUAL	ROAD4	5
606501.88	4201367.93	0.05439	80.3	80.3	0 ANNUAL	ROAD4	5
606461.88	4201387.93	0.05184	80.21	80.21	0 ANNUAL	ROAD4	5
606481.88	4201387.93	0.05342	79.65	79.65	0 ANNUAL	ROAD4	5
606501.88	4201387.93	0.05548	78.14	80.63	0 ANNUAL	ROAD4	5
606461.88	4201407.93	0.05301	77.64	95.77	0 ANNUAL	ROAD4	5
606481.88	4201407.93	0.05496	76.16	95.77	0 ANNUAL	ROAD4	5
606501.88	4201407.93	0.05733	74.33	95.77	0 ANNUAL	ROAD4	5
606384.38	4201249.47	0.04475	85.06	86.56	0 ANNUAL	ROAD4	5
606404.38	4201249.47	0.04678	82.67	87.31	0 ANNUAL	ROAD4	5
606384.38	4201269.47	0.04395	87.05	87.05	0 ANNUAL	ROAD4	5
606404.38	4201269.47	0.04555	85.74	87.22	0 ANNUAL	ROAD4	5
606384.38	4201289.47	0.04402	87.03	87.03	0 ANNUAL	ROAD4	5
606404.38	4201289.47	0.0451	86.87	86.87	0 ANNUAL	ROAD4	5
606384.38	4201309.47	0.04439	86.32	86.32	0 ANNUAL	ROAD4	5
606404.38	4201309.47	0.04548	86.16	86.16	0 ANNUAL	ROAD4	5
606384.38	4201329.47	0.04506	84.91	84.91	0 ANNUAL	ROAD4	5
606404.38	4201329.47	0.04614	84.85	84.85	0 ANNUAL	ROAD4	5
606384.38	4201349.47	0.04578	83.35	83.35	0 ANNUAL	ROAD4	5
606404.38	4201349.47	0.04685	83.38	83.38	0 ANNUAL	ROAD4	5
606384.38	4201369.47	0.04647	81.78	81.78	0 ANNUAL	ROAD4	5
606404.38	4201369.47	0.04755	81.89	81.89	0 ANNUAL	ROAD4	5
606384.38	4201389.47	0.04708	80.32	95.65	0 ANNUAL	ROAD4	5
606404.38	4201389.47	0.0482	80.43	95.52	0 ANNUAL	ROAD4	5
606384.38	4201409.47	0.04742	79.43	95.77	0 ANNUAL	ROAD4	5
606404.38	4201409.47	0.0486	79.48	95.77	0 ANNUAL	ROAD4	5
606423.8	4201072.57	0.04721	78.31	78.31	0 ANNUAL	ROAD4	5
606443.8	4201072.57	0.04841	78.02	78.02	0 ANNUAL	ROAD4	5
606423.8	4201092.57	0.04756	78.56	78.56	0 ANNUAL	ROAD4	5
606443.8	4201092.57	0.04879	78.27	78.27	0 ANNUAL	ROAD4	5
606423.8	4201112.57	0.04788	78.73	78.73	0 ANNUAL	ROAD4	5
606443.8	4201112.57	0.04912	78.45	78.45	0 ANNUAL	ROAD4	5
606423.8	4201132.57	0.04814	78.85	78.85	0 ANNUAL	ROAD4	5
606443.8	4201132.57	0.04938	78.65	78.65	0 ANNUAL	ROAD4	5
606423.8	4201152.57	0.04835	79.05	79.05	0 ANNUAL	ROAD4	5
606443.8	4201152.57	0.0496	78.85	78.85	0 ANNUAL	ROAD4	5
606423.8	4201172.57	0.04852	79.25	79.25	0 ANNUAL	ROAD4	5
606443.8	4201172.57	0.04977	79.05	79.05	0 ANNUAL	ROAD4	5
606423.8	4201192.57	0.04866	79.44	79.44	0 ANNUAL	ROAD4	5
606443.8	4201192.57	0.04992	79.23	79.23	0 ANNUAL	ROAD4	5
606423.8	4201212.57	0.04877	79.64	87.3	0 ANNUAL	ROAD4	5
606443.8	4201212.57	0.05004	79.4	79.4	0 ANNUAL	ROAD4	5
606423.8	4201232.57	0.04886	79.81	87.31	0 ANNUAL	ROAD4	5
606443.8	4201232.57	0.05015	79.54	87.31	0 ANNUAL	ROAD4	5
606423.11	4201254.06	0.04877	80.38	87.31	0 ANNUAL	ROAD4	5
606443.11	4201254.06	0.05019	79.75	87.31	0 ANNUAL	ROAD4	5
606423.11	4201274.06	0.04774	83.11	87.31	0 ANNUAL	ROAD4	5
606443.11	4201274.06	0.05007	80.39	87.31	0 ANNUAL	ROAD4	5
606423.11	4201294.06	0.04686	85.24	86.31	0 ANNUAL	ROAD4	5
606443.11	4201294.06	0.0492	82.62	86.84	0 ANNUAL	ROAD4	5
606423.11	4201314.06	0.0469	85.29	85.29	0 ANNUAL	ROAD4	5
606443.11	4201314.06	0.04879	83.68	84.29	0 ANNUAL	ROAD4	5
606423.11	4201334.06	0.04743	84.29	84.29	0 ANNUAL	ROAD4	5
606443.11	4201334.06	0.04888	83.62	83.62	0 ANNUAL	ROAD4	5
606423.11	4201354.06	0.04812	82.91	82.91	0 ANNUAL	ROAD4	5
606443.11	4201354.06	0.04945	82.56	82.56	0 ANNUAL	ROAD4	5
606423.11	4201374.06	0.04884	81.44	81.44	0 ANNUAL	ROAD4	5
606443.11	4201374.06	0.05011	81.31	81.31	0 ANNUAL	ROAD4	5
606423.11	4201394.06	0.04948	80.09	95.62	0 ANNUAL	ROAD4	5
606443.11	4201394.06	0.05076	80	93.16	0 ANNUAL	ROAD4	5
606423.11	4201414.06	0.04992	79.09	95.77	0 ANNUAL	ROAD4	5
606443.11	4201414.06	0.05161	78.06	95.77	0 ANNUAL	ROAD4	5
606458.33	4201114.06	0.05008	78.32	78.32	0 ANNUAL	ROAD4	5
606478.33	4201114.06	0.05139	78.25	78.25	0 ANNUAL	ROAD4	5
606458.33	4201134.06	0.05034	78.52	78.52	0 ANNUAL	ROAD4	5
606478.33	4201134.06	0.05168	78.42	78.42	0 ANNUAL	ROAD4	5
606458.41	4201076.62	0.0494	77.9	77.9	0 ANNUAL	ROAD4	5
606478.41	4201076.62	0.0507	77.7	77.7	0 ANNUAL	ROAD4	5
606458.41	4201096.62	0.04979	78.14	78.14	0 ANNUAL	ROAD4	5
606478.41	4201096.62	0.0511	78	78	0 ANNUAL	ROAD4	5
606487.59	4201114.96	0.05203	78.22	78.22	0 ANNUAL	ROAD4	5
606507.59	4201114.96	0.05348	78.02	78.02	0 ANNUAL	ROAD4	5
606487.59	4201134.96	0.05235	78.34	78.34	0 ANNUAL	ROAD4	5
606507.59	4201134.96	0.05379	78.25	78.25	0 ANNUAL	ROAD4	5
606487.67	4201077.52	0.05134	77.66	77.66	0 ANNUAL	ROAD4	5
606507.67	4201077.52	0.05271	77.56	77.56	0 ANNUAL	ROAD4	5
606487.67	4201097.52	0.05175	77.97	77.97	0 ANNUAL	ROAD4	5
606507.67	4201097.52	0.05315	77.87	77.87	0 ANNUAL	ROAD4	5
605889.69	4201158.66	0.02797	85.29 1	13.61	0 ANNUAL	ROAD4	5
605889.69	4201178.66	0.02801	85.54 1	13.61	0 ANNUAL	ROAD4	5
605889.69	4201198.66	0.02806	85.69 1	13.61	0 ANNUAL	ROAD4	5
605889.69	4201218.66	0.0281	85.89 1	13.61	0 ANNUAL	ROAD4	5
605889.69	4201238.66	0.02804	86.56 1	13.61	0 ANNUAL	ROAD4	5
605889.69	4201258.66	0.02757	89.10 1	13.61	0 ANNUAL	ROAD4	5
605889.69	4201278.66	0.02668	93.23 1	13.61	0 ANNUAL	ROAD4	5
605889.69	4201298.66	0.02502	100.84 1	13.61	0 ANNUAL	ROAD4	5
605876.33	4201162.41	0.02767	85.57 1	13.61	0 ANNUAL	ROAD4	5
605876.33	4201182.41	0.02772	85.79 1	13.61	0 ANNUAL	ROAD4	5
605876.33	4201202.41	0.02776	85.99 1	13.61	0 ANNUAL	ROAD4	5
605876.33	4201222.41	0.02776	86.38 1	13.61	0 ANNUAL	ROAD4	5
605876.33	4201242.41	0.02758	87.63 1	13.61	0 ANNUAL	ROAD4	5
605876.33	4201262.41	0.02703	90.44 1	13.61	0 ANNUAL	ROAD4	5
605876.33	4201282.41	0.02611	94.65 1	13.61	0 ANNUAL	ROAD4	5
605876.33	4201302.41	0.02467	101.51 1	13.61	0 ANNUAL	ROAD4	5
605863.81	4201176.17	0.02744	85.91 1	13.61	0 ANNUAL	ROAD4	5
605863.81	4201196.17	0.02746	86.22 1	13.61	0 ANNUAL	ROAD4	5
605863.81	4201216.17	0.02743	86.77 1	13.61	0 ANNUAL	ROAD4	5
605863.81	4201236.17	0.02731	87.72 1	13.61	0 ANNUAL	ROAD4	5
605863.81	4201256.17	0.02689	90.00 1	13.61	0 ANNUAL	ROAD4	5
605863.81	4201276.17	0.02644	92.17 1	13.61	0 ANNUAL	ROAD4	5
605863.81	4201296.17	0.02503	98.63 1	13.61	0 ANNUAL	ROAD4	5
605852.79	4201178.5	0.02719	86.17 1	13.61	0 ANNUAL	ROAD4	5
605852.79	4201198.5	0.02718	86.69 1	13.61	0 ANNUAL	ROAD4	5
605852.79	4201218.5	0.02713	87.32 1	13.61	0 ANNUAL	ROAD4	5
605852.79	4201238.5	0.02696	88.46 1	13.61	0 ANNUAL	ROAD4	5
605852.79	4201258.5	0.0266	90.44 1	13.61	0 ANNUAL	ROAD4	5
605852.79	4201278.5	0.02621	92.34 1	13.61	0 ANNUAL	ROAD4	5
605852.79	4201298.5	0.02498	97.99 1	13.61	0 ANNUAL	ROAD4	5
605841.72	4201197.42	0.0269	87.09 1	13.61	0 ANNUAL	ROAD4	5
605841.72	4201217.42	0.02685	87.70 1	13.61	0 ANNUAL	ROAD4	5
605841.72	4201237.42	0.02669	88.80 1	13.61	0 ANNUAL	ROAD4	5
605841.72	4201257.42	0.02641	90.38 1	13.61	0 ANNUAL	ROAD4	5
605841.72	4201277.42	0.02614	91.76 1	13.61	0 ANNUAL	ROAD4	5
605841.72	4201297.42	0.02522	96.02 1	13.61	0 ANNUAL	ROAD4	5
605829.79	4201251.28	0.02628	89.91 1	13.61	0 ANNUAL	ROAD4	5
605829.79	4201271.28	0.02606	91.14 1	13.61	0 ANNUAL	ROAD4	5
605829.79	4201291.28	0.02575	92.66 1	13.61	0 ANNUAL	ROAD4	5
605818.78	4201253.61	0.02608	90.00 1	13.61	0 ANNUAL	ROAD4	5
605818.78	4201273.61	0.02589	91.03 1	13.61	0 ANNUAL	ROAD4	5
605818.78	4201293.61	0.02574	91.83 1	13.61	0 ANNUAL	ROAD4	5
605807.71	4201252.53	0.02592	89.80 1	13.61	0 ANNUAL	ROAD4	5
605807.71	4201272.53	0.02577	90.70 1	13.61	0 ANNUAL	ROAD4	5
605807.71	4201292.53	0.02562	91.49 1	13.61	0 ANNUAL	ROAD4	5
605818.76	4201242.41	0.02618	89.40 1	13.61	0 ANNUAL	ROAD4	5
605831.7	4201240.74	0.02644	89.20 1	13.61	0 ANNUAL	ROAD4	5
605821.68	4201230.72	0.02631	88.83 1	13.61	0 ANNUAL	ROAD4	5
605832.12	4201225.71	0.02657	88.38 1	13.61	0 ANNUAL	ROAD4	5
605779.97	4201340.44	0.02487	92.81 1	13.61	0 ANNUAL	ROAD4	5
605759.97	4201360.44	0.02489	91.01 1	19.11	0 ANNUAL	ROAD4	5
605779.97	4201360.44	0.02403	96.75 1	13.61	0 ANNUAL	ROAD4	5
605759.97	4201380.44	0.02426	93.94 1	18.2	0 ANNUAL	ROAD4	5
605779.97	4201380.44	0.02325	100.70 1	13.61	0 ANNUAL	ROAD4	5
605759.97	4201400.44	0.02363	96.87 1	13.61	0 ANNUAL	ROAD4	5
605779.97	4201400.44	0.02302	101.95 1	13.5	0 ANNUAL	ROAD4	5
605791.09	4201315.56	0.02533	91.56 1	13.61	0 ANNUAL	ROAD4	5
605791.09	4201335.56	0.02465	94.76 1	13.61	0 ANNUAL	ROAD4	5
605791.09	4201355.56	0.0237	99.31 1	13.61	0 ANNUAL	ROAD4	5
605798.95	4201281.17	0.0256	90.84 1	13.61	0 ANNUAL	ROAD4	5
605798.95	4201301.17	0.02547	91.52 1	13.61	0 ANNUAL	ROAD4	5
605798.95	4201321.17	0.02506	93.46 1	13.61	0 ANNUAL	ROAD4	5
605779.79	4201321.31	0.0253	90.79 1	13.61	0 ANNUAL	ROAD4	5
605786.18	4201298.71	0.02537	90.94 1	13.61	0 ANNUAL	ROAD4	5

** CONCUNIT ug/ m^3
** DEPUNIT g/m^ 2

606345.06	4201227.99	0.14277	84.58	84.58	0 ANNUAL	ROAD5	5
606365.06	4201227.99	0.13978	83.69	85.21	0 ANNUAL	ROAD5	5
606385.06	4201227.99	0.13672	82.15	87.3	0 ANNUAL	ROAD5	5
606405.06	4201227.99	0.13366	80.35	87.31	0 ANNUAL	ROAD5	5
606325.06	4201247.99	0.15617	86.2	86.2	0 ANNUAL	ROAD5	5
606345.06	4201247.99	0.15254	85.95	85.95	0 ANNUAL	ROAD5	5
606365.06	4201247.99	0.14898	85.63	85.63	0 ANNUAL	ROAD5	5
606325.06	4201267.99	0.16669	86.84	86.84	0 ANNUAL	ROAD5	5
606345.06	4201267.99	0.16237	86.94	86.94	0 ANNUAL	ROAD5	5
606365.06	4201267.99	0.15815	86.98	86.98	0 ANNUAL	ROAD5	5
606325.06	4201287.99	0.17719	86.85	86.85	0 ANNUAL	ROAD5	5
606345.06	4201287.99	0.17211	86.97	86.97	0 ANNUAL	ROAD5	5
606365.06	4201287.99	0.1672	87.02	87.02	0 ANNUAL	ROAD5	5
606325.06	4201307.99	0.18754	86.1	86.1	0 ANNUAL	ROAD5	5
606345.06	4201307.99	0.18171	86.3	86.3	0 ANNUAL	ROAD5	5
606365.06	4201307.99	0.17609	86.35	86.35	0 ANNUAL	ROAD5	5
606325.06	4201327.99	0.19763	84.53	84.53	0 ANNUAL	ROAD5	5
606345.06	4201327.99	0.19106	84.83	84.83	0 ANNUAL	ROAD5	5
606365.06	4201327.99	0.18475	84.94	84.94	0 ANNUAL	ROAD5	5
606325.06	4201347.99	0.20745	82.84	82.84	0 ANNUAL	ROAD5	5
606345.06	4201347.99	0.20014	83.13	83.13	0 ANNUAL	ROAD5	5
606365.06	4201347.99	0.19314	83.35	83.35	0 ANNUAL	ROAD5	5
606325.06	4201367.99	0.21693	81.16	95.48	0 ANNUAL	ROAD5	5
606345.06	4201367.99	0.2089	81.53	81.53	0 ANNUAL	ROAD5	5
606365.06	4201367.99	0.20125	81.74	81.74	0 ANNUAL	ROAD5	5
606325.06	4201387.99	0.22614	79.83	95.86	0 ANNUAL	ROAD5	5
606345.06	4201387.99	0.21733	80.03	95.86	0 ANNUAL	ROAD5	5
606365.06	4201387.99	0.20903	80.29	95.65	0 ANNUAL	ROAD5	5
606325.06	4201407.99	0.23516	79.09	96.28	0 ANNUAL	ROAD5	5
606345.06	4201407.99	0.2256	79.21	95.86	0 ANNUAL	ROAD5	5
606365.06	4201407.99	0.21661	79.41	95.86	0 ANNUAL	ROAD5	5
606461.88	4201147.93	0.09987	78.63	78.63	0 ANNUAL	ROAD5	5
606481.88	4201147.93	0.09859	78.52	78.52	0 ANNUAL	ROAD5	5
606501.88	4201147.93	0.09729	78.42	78.42	0 ANNUAL	ROAD5	5
606461.88	4201167.93	0.10618	78.82	78.82	0 ANNUAL	ROAD5	5
606481.88	4201167.93	0.10458	78.71	78.71	0 ANNUAL	ROAD5	5
606501.88	4201167.93	0.10294	78.54	78.54	0 ANNUAL	ROAD5	5
606461.88	4201187.93	0.11258	79.02	79.02	0 ANNUAL	ROAD5	5
606481.88	4201187.93	0.11065	78.83	78.83	0 ANNUAL	ROAD5	5
606501.88	4201187.93	0.10868	78.7	78.7	0 ANNUAL	ROAD5	5
606461.88	4201207.93	0.11909	79.23	79.23	0 ANNUAL	ROAD5	5
606481.88	4201207.93	0.11674	79.02	79.02	0 ANNUAL	ROAD5	5
606501.88	4201207.93	0.11444	78.82	78.82	0 ANNUAL	ROAD5	5
606461.88	4201227.93	0.12561	79.33	79.33	0 ANNUAL	ROAD5	5
606481.88	4201227.93	0.12287	79.19	79.19	0 ANNUAL	ROAD5	5
606501.88	4201227.93	0.12018	79.02	79.02	0 ANNUAL	ROAD5	5
606461.88	4201247.93	0.13213	79.51	87.22	0 ANNUAL	ROAD5	5
606481.88	4201247.93	0.12898	79.39	79.39	0 ANNUAL	ROAD5	5
606501.88	4201247.93	0.1259	79.21	79.21	0 ANNUAL	ROAD5	5
606461.88	4201267.93	0.1386	79.75	87.31	0 ANNUAL	ROAD5	5
606481.88	4201267.93	0.13503	79.62	79.62	0 ANNUAL	ROAD5	5
606501.88	4201267.93	0.13155	79.42	79.42	0 ANNUAL	ROAD5	5
606461.88	4201287.93	0.145	80.2	87.22	0 ANNUAL	ROAD5	5
606481.88	4201287.93	0.14096	79.81	79.81	0 ANNUAL	ROAD5	5
606501.88	4201287.93	0.13709	79.62	79.62	0 ANNUAL	ROAD5	5
606461.88	4201307.93	0.15137	81.37	85.61	0 ANNUAL	ROAD5	5
606481.88	4201307.93	0.1468	80.13	80.13	0 ANNUAL	ROAD5	5
606501.88	4201307.93	0.1425	79.82	79.82	0 ANNUAL	ROAD5	5
606461.88	4201327.93	0.15751	81.89	83.02	0 ANNUAL	ROAD5	5
606481.88	4201327.93	0.15252	80.76	80.76	0 ANNUAL	ROAD5	5
606501.88	4201327.93	0.14776	80.04	80.04	0 ANNUAL	ROAD5	5
606461.88	4201347.93	0.16346	82.34	82.34	0 ANNUAL	ROAD5	5
606481.88	4201347.93	0.15804	81.32	81.32	0 ANNUAL	ROAD5	5
606501.88	4201347.93	0.15286	80.39	80.39	0 ANNUAL	ROAD5	5
606461.88	4201367.93	0.16903	81.31	81.31	0 ANNUAL	ROAD5	5
606481.88	4201367.93	0.16325	80.88	80.88	0 ANNUAL	ROAD5	5
606501.88	4201367.93	0.15771	80.3	80.3	0 ANNUAL	ROAD5	5
606461.88	4201387.93	0.17433	80.21	80.21	0 ANNUAL	ROAD5	5
606481.88	4201387.93	0.16811	79.65	79.65	0 ANNUAL	ROAD5	5
606501.88	4201387.93	0.16209	78.14	80.63	0 ANNUAL	ROAD5	5
606461.88	4201407.93	0.17914	77.64	95.77	0 ANNUAL	ROAD5	5
606481.88	4201407.93	0.1723	76.16	95.77	0 ANNUAL	ROAD5	5
606501.88	4201407.93	0.16571	74.33	95.77	0 ANNUAL	ROAD5	5
606384.38	4201249.47	0.14618	85.06	86.56	0 ANNUAL	ROAD5	5
606404.38	4201249.47	0.14248	82.67	87.31	0 ANNUAL	ROAD5	5
606384.38	4201269.47	0.1548	87.05	87.05	0 ANNUAL	ROAD5	5
606404.38	4201269.47	0.15066	85.74	87.22	0 ANNUAL	ROAD5	5
606384.38	4201289.47	0.16322	87.03	87.03	0 ANNUAL	ROAD5	5
606404.38	4201289.47	0.15856	86.87	86.87	0 ANNUAL	ROAD5	5
606384.38	4201309.47	0.17148	86.32	86.32	0 ANNUAL	ROAD5	5
606404.38	4201309.47	0.16622	86.16	86.16	0 ANNUAL	ROAD5	5
606384.38	4201329.47	0.17951	84.91	84.91	0 ANNUAL	ROAD5	5
606404.38	4201329.47	0.17366	84.85	84.85	0 ANNUAL	ROAD5	5
606384.38	4201349.47	0.18727	83.35	83.35	0 ANNUAL	ROAD5	5
606404.38	4201349.47	0.18085	83.38	83.38	0 ANNUAL	ROAD5	5
606384.38	4201369.47	0.19475	81.78	81.78	0 ANNUAL	ROAD5	5
606404.38	4201369.47	0.18778	81.89	81.89	0 ANNUAL	ROAD5	5
606384.38	4201389.47	0.20192	80.32	95.65	0 ANNUAL	ROAD5	5
606404.38	4201389.47	0.19439	80.43	95.52	0 ANNUAL	ROAD5	5
606384.38	4201409.47	0.20889	79.43	95.77	0 ANNUAL	ROAD5	5
606404.38	4201409.47	0.20078	79.48	95.77	0 ANNUAL	ROAD5	5
606423.8	4201072.57	0.07813	78.31	78.31	0 ANNUAL	ROAD5	5
606443.8	4201072.57	0.07797	78.02	78.02	0 ANNUAL	ROAD5	5
606423.8	4201092.57	0.0841	78.56	78.56	0 ANNUAL	ROAD5	5
606443.8	4201092.57	0.08373	78.27	78.27	0 ANNUAL	ROAD5	5
606423.8	4201112.57	0.09039	78.73	78.73	0 ANNUAL	ROAD5	5
606443.8	4201112.57	0.08976	78.45	78.45	0 ANNUAL	ROAD5	5
606423.8	4201132.57	0.09696	78.85	78.85	0 ANNUAL	ROAD5	5
606443.8	4201132.57	0.09602	78.65	78.65	0 ANNUAL	ROAD5	5
606423.8	4201152.57	0.10375	79.05	79.05	0 ANNUAL	ROAD5	5
606443.8	4201152.57	0.10251	78.85	78.85	0 ANNUAL	ROAD5	5
606423.8	4201172.57	0.11078	79.25	79.25	0 ANNUAL	ROAD5	5
606443.8	4201172.57	0.10914	79.05	79.05	0 ANNUAL	ROAD5	5
606423.8	4201192.57	0.11797	79.44	79.44	0 ANNUAL	ROAD5	5
606443.8	4201192.57	0.11593	79.23	79.23	0 ANNUAL	ROAD5	5
606423.8	4201212.57	0.12528	79.64	87.3	0 ANNUAL	ROAD5	5
606443.8	4201212.57	0.12281	79.4	79.4	0 ANNUAL	ROAD5	5
606423.8	4201232.57	0.13264	79.81	87.31	0 ANNUAL	ROAD5	5
606443.8	4201232.57	0.12973	79.54	87.31	0 ANNUAL	ROAD5	5
606423.11	4201254.06	0.14075	80.38	87.31	0 ANNUAL	ROAD5	5
606443.11	4201254.06	0.13727	79.75	87.31	0 ANNUAL	ROAD5	5
606423.11	4201274.06	0.14843	83.11	87.31	0 ANNUAL	ROAD5	5
606443.11	4201274.06	0.14419	80.39	87.31	0 ANNUAL	ROAD5	5
606423.11	4201294.06	0.1559	85.24	86.31	0 ANNUAL	ROAD5	5
606443.11	4201294.06	0.15121	82.62	86.84	0 ANNUAL	ROAD5	5
606423.11	4201314.06	0.16307	85.29	85.29	0 ANNUAL	ROAD5	5
606443.11	4201314.06	0.15796	83.68	84.29	0 ANNUAL	ROAD5	5
606423.11	4201334.06	0.16997	84.29	84.29	0 ANNUAL	ROAD5	5
606443.11	4201334.06	0.16443	83.62	83.62	0 ANNUAL	ROAD5	5
606423.11	4201354.06	0.17661	82.91	82.91	0 ANNUAL	ROAD5	5
606443.11	4201354.06	0.1706	82.56	82.56	0 ANNUAL	ROAD5	5
606423.11	4201374.06	0.18296	81.44	81.44	0 ANNUAL	ROAD5	5
606443.11	4201374.06	0.17649	81.31	81.31	0 ANNUAL	ROAD5	5
606423.11	4201394.06	0.18904	80.09	95.62	0 ANNUAL	ROAD5	5
606443.11	4201394.06	0.1821	80	93.16	0 ANNUAL	ROAD5	5
606423.11	4201414.06	0.19485	79.09	95.77	0 ANNUAL	ROAD5	5
606443.11	4201414.06	0.18731	78.06	95.77	0 ANNUAL	ROAD5	5
606458.33	4201114.06	0.0897	78.32	78.32	0 ANNUAL	ROAD5	5
606478.33	4201114.06	0.08893	78.25	78.25	0 ANNUAL	ROAD5	5
606458.33	4201134.06	0.09576	78.52	78.52	0 ANNUAL	ROAD5	5
606478.33	4201134.06	0.09472	78.42	78.42	0 ANNUAL	ROAD5	5
606458.41	4201076.62	0.07891	77.9	77.9	0 ANNUAL	ROAD5	5
606478.41	4201076.62	0.0786	77.7	77.7	0 ANNUAL	ROAD5	5
606458.41	4201096.62	0.08458	78.14	78.14	0 ANNUAL	ROAD5	5
606478.41	4201096.62	0.08402	78	78	0 ANNUAL	ROAD5	5
606487.59	4201114.96	0.0888	78.22	78.22	0 ANNUAL	ROAD5	5
606507.59	4201114.96	0.08793	78.02	78.02	0 ANNUAL	ROAD5	5
606487.59	4201134.96	0.09448	78.34	78.34	0 ANNUAL	ROAD5	5
606507.59	4201134.96	0.09334	78.25	78.25	0 ANNUAL	ROAD5	5
606487.67	4201077.52	0.07866	77.66	77.66	0 ANNUAL	ROAD5	5
606507.67	4201077.52	0.07821	77.56	77.56	0 ANNUAL	ROAD5	5
606487.67	4201097.52	0.08398	77.97	77.97	0 ANNUAL	ROAD5	5
606507.67	4201097.52	0.08333	77.87	77.87	0 ANNUAL	ROAD5	5
605889.69	4201158.66	0.09656	85.29 1	13.61	0 ANNUAL	ROAD5	5
605889.69	4201178.66	0.10945	85.54 1	13.61	0 ANNUAL	ROAD5	5
605889.69	4201198.66	0.12579	85.69 1	13.61	0 ANNUAL	ROAD5	5
605889.69	4201218.66	0.14691	85.89 1	13.61	0 ANNUAL	ROAD5	5
605889.69	4201238.66	0.17497	86.56 1	13.61	0 ANNUAL	ROAD5	5
605889.69	4201258.66	0.21345	89.10 1	13.61	0 ANNUAL	ROAD5	5
605889.69	4201278.66	0.26254	93.23 1	13.61	0 ANNUAL	ROAD5	5
605889.69	4201298.66	0.30855	100.84 1	13.61	0 ANNUAL	ROAD5	5
605876.33	4201162.41	0.0989	85.57 1	13.61	0 ANNUAL	ROAD5	5
605876.33	4201182.41	0.11195	85.79 1	13.61	0 ANNUAL	ROAD5	5
605876.33	4201202.41	0.12854	85.99 1	13.61	0 ANNUAL	ROAD5	5
605876.33	4201222.41	0.15017	86.38 1	13.61	0 ANNUAL	ROAD5	5
605876.33	4201242.41	0.17932	87.63 1	13.61	0 ANNUAL	ROAD5	5
605876.33	4201262.41	0.21945	90.44 1	13.61	0 ANNUAL	ROAD5	5
605876.33	4201282.41	0.26679	94.65 1	13.61	0 ANNUAL	ROAD5	5
605876.33	4201302.41	0.31505	101.51 1	13.61	0 ANNUAL	ROAD5	5
605863.81	4201176.17	0.10775	85.91 1	13.61	0 ANNUAL	ROAD5	5
605863.81	4201196.17	0.12273	86.22 1	13.61	0 ANNUAL	ROAD5	5
605863.81	4201216.17	0.14211	86.77 1	13.61	0 ANNUAL	ROAD5	5
605863.81	4201236.17	0.16786	87.72 1	13.61	0 ANNUAL	ROAD5	5
605863.81	4201256.17	0.20332	90.00 1	13.61	0 ANNUAL	ROAD5	5
605863.81	4201276.17	0.25132	92.17 1	13.61	0 ANNUAL	ROAD5	5
605863.81	4201296.17	0.29426	98.63 1	13.61	0 ANNUAL	ROAD5	5
605852.79	4201178.5	0.10974	86.17 1	13.61	0 ANNUAL	ROAD5	5
605852.79	4201198.5	0.12491	86.69 1	13.61	0 ANNUAL	ROAD5	5
605852.79	4201218.5	0.14443	87.32 1	13.61	0 ANNUAL	ROAD5	5
605852.79	4201238.5	0.17049	88.46 1	13.61	0 ANNUAL	ROAD5	5
605852.79	4201258.5	0.20622	90.44 1	13.61	0 ANNUAL	ROAD5	5
605852.79	4201278.5	0.25478	92.34 1	13.61	0 ANNUAL	ROAD5	5
605852.79	4201298.5	0.30002	97.99 1	13.61	0 ANNUAL	ROAD5	5
605841.72	4201197.42	0.12451	87.09 1	13.61	0 ANNUAL	ROAD5	5
605841.72	4201217.42	0.14334	87.70 1	13.61	0 ANNUAL	ROAD5	5
605841.72	4201237.42	0.16831	88.80 1	13.61	0 ANNUAL	ROAD5	5
605841.72	4201257.42	0.20234	90.38 1	13.61	0 ANNUAL	ROAD5	5
605841.72	4201277.42	0.24955	91.76 1	13.61	0 ANNUAL	ROAD5	5
605841.72	4201297.42	0.30006	96.02 1	13.61	0 ANNUAL	ROAD5	5
605829.79	4201251.28	0.18982	89.91 1	13.61	0 ANNUAL	ROAD5	5
605829.79	4201271.28	0.23109	91.14 1	13.61	0 ANNUAL	ROAD5	5
605829.79	4201291.28	0.28755	92.66 1	13.61	0 ANNUAL	ROAD5	5
605818.78	4201253.61	0.1936	90.00 1	13.61	0 ANNUAL	ROAD5	5
605818.78	4201273.61	0.23531	91.03 1	13.61	0 ANNUAL	ROAD5	5
605818.78	4201293.61	0.29517	91.83 1	13.61	0 ANNUAL	ROAD5	5
605807.71	4201252.53	0.19203	89.80 1	13.61	0 ANNUAL	ROAD5	5
605807.71	4201272.53	0.23188	90.70 1	13.61	0 ANNUAL	ROAD5	5
605807.71	4201292.53	0.28894	91.49 1	13.61	0 ANNUAL	ROAD5	5
605818.76	4201242.41	0.17559	89.40 1	13.61	0 ANNUAL	ROAD5	5
605831.7	4201240.74	0.17294	89.20 1	13.61	0 ANNUAL	ROAD5	5
605821.68	4201230.72	0.15959	88.83 1	13.61	0 ANNUAL	ROAD5	5
605832.12	4201225.71	0.15301	88.38 1	13.61	0 ANNUAL	ROAD5	5
605779.97	4201340.44	0.56222	92.81 1	13.61	0 ANNUAL	ROAD5	5
605759.97	4201360.44	0.85648	91.01 1	19.11	0 ANNUAL	ROAD5	5
605779.97	4201360.44	0.76053	96.75 1	13.61	0 ANNUAL	ROAD5	5
605759.97	4201380.44	1.44208	93.94 1	18.2	0 ANNUAL	ROAD5	5
605779.97	4201380.44	1.15057	100.70 1	13.61	0 ANNUAL	ROAD5	5
605759.97	4201400.44	3.09453	96.87 1	13.61	0 ANNUAL	ROAD5	5
605779.97	4201400.44	2.16576	101.95 1	13.5	0 ANNUAL	ROAD5	5
605791.09	4201315.56	0.38597	91.56 1	13.61	0 ANNUAL	ROAD5	5
605791.09	4201335.56	0.49345	94.76 1	13.61	0 ANNUAL	ROAD5	5
605791.09	4201355.56	0.64998	99.31 1	13.61	0 ANNUAL	ROAD5	5
605798.95	4201281.17	0.25346	90.84 1	13.61	0 ANNUAL	ROAD5	5
605798.95	4201301.17	0.31966	91.52 1	13.61	0 ANNUAL	ROAD5	5
605798.95	4201321.17	0.40811	93.46 1	13.61	0 ANNUAL	ROAD5	5
605779.79	4201321.31	0.41611	90.79 1	13.61	0 ANNUAL	ROAD5	5
605786.18	4201298.71	0.30878	90.94 1	13.61	0 ANNUAL	ROAD5	5

** CONCUNIT ug/ m^3
** DEPUNIT g/m^ 2

606345.06	4201227.99	0.14392	84.58	84.58	0 ANNUAL	ROAD6	5
606365.06	4201227.99	0.14074	83.69	85.21	0 ANNUAL	ROAD6	5
606385.06	4201227.99	0.13751	82.15	87.3	0 ANNUAL	ROAD6	5
606405.06	4201227.99	0.13428	80.35	87.31	0 ANNUAL	ROAD6	5
606325.06	4201247.99	0.15712	86.2	86.2	0 ANNUAL	ROAD6	5
606345.06	4201247.99	0.1533	85.95	85.95	0 ANNUAL	ROAD6	5
606365.06	4201247.99	0.14955	85.63	85.63	0 ANNUAL	ROAD6	5
606325.06	4201267.99	0.16716	86.84	86.84	0 ANNUAL	ROAD6	5
606345.06	4201267.99	0.16268	86.94	86.94	0 ANNUAL	ROAD6	5
606365.06	4201267.99	0.15831	86.98	86.98	0 ANNUAL	ROAD6	5
606325.06	4201287.99	0.17715	86.85	86.85	0 ANNUAL	ROAD6	5
606345.06	4201287.99	0.17195	86.97	86.97	0 ANNUAL	ROAD6	5
606365.06	4201287.99	0.16692	87.02	87.02	0 ANNUAL	ROAD6	5
606325.06	4201307.99	0.18699	86.1	86.1	0 ANNUAL	ROAD6	5
606345.06	4201307.99	0.18105	86.3	86.3	0 ANNUAL	ROAD6	5
606365.06	4201307.99	0.17535	86.35	86.35	0 ANNUAL	ROAD6	5
606325.06	4201327.99	0.19651	84.53	84.53	0 ANNUAL	ROAD6	5
606345.06	4201327.99	0.1899	84.83	84.83	0 ANNUAL	ROAD6	5
606365.06	4201327.99	0.18355	84.94	84.94	0 ANNUAL	ROAD6	5
606325.06	4201347.99	0.20573	82.84	82.84	0 ANNUAL	ROAD6	5
606345.06	4201347.99	0.19841	83.13	83.13	0 ANNUAL	ROAD6	5
606365.06	4201347.99	0.19143	83.35	83.35	0 ANNUAL	ROAD6	5
606325.06	4201367.99	0.21462	81.16	95.48	0 ANNUAL	ROAD6	5
606345.06	4201367.99	0.20661	81.53	81.53	0 ANNUAL	ROAD6	5
606365.06	4201367.99	0.199	81.74	81.74	0 ANNUAL	ROAD6	5
606325.06	4201387.99	0.22322	79.83	95.86	0 ANNUAL	ROAD6	5
606345.06	4201387.99	0.2145	80.03	95.86	0 ANNUAL	ROAD6	5
606365.06	4201387.99	0.20626	80.29	95.65	0 ANNUAL	ROAD6	5
606325.06	4201407.99	0.23162	79.09	96.28	0 ANNUAL	ROAD6	5
606345.06	4201407.99	0.22217	79.21	95.86	0 ANNUAL	ROAD6	5
606365.06	4201407.99	0.21331	79.41	95.86	0 ANNUAL	ROAD6	5
606461.88	4201147.93	0.10099	78.63	78.63	0 ANNUAL	ROAD6	5
606481.88	4201147.93	0.09959	78.52	78.52	0 ANNUAL	ROAD6	5
606501.88	4201147.93	0.09816	78.42	78.42	0 ANNUAL	ROAD6	5
606461.88	4201167.93	0.10713	78.82	78.82	0 ANNUAL	ROAD6	5
606481.88	4201167.93	0.1054	78.71	78.71	0 ANNUAL	ROAD6	5
606501.88	4201167.93	0.10364	78.54	78.54	0 ANNUAL	ROAD6	5
606461.88	4201187.93	0.11335	79.02	79.02	0 ANNUAL	ROAD6	5
606481.88	4201187.93	0.11126	78.83	78.83	0 ANNUAL	ROAD6	5
606501.88	4201187.93	0.10918	78.7	78.7	0 ANNUAL	ROAD6	5
606461.88	4201207.93	0.1196	79.23	79.23	0 ANNUAL	ROAD6	5
606481.88	4201207.93	0.11716	79.02	79.02	0 ANNUAL	ROAD6	5
606501.88	4201207.93	0.11472	78.82	78.82	0 ANNUAL	ROAD6	5
606461.88	4201227.93	0.12586	79.33	79.33	0 ANNUAL	ROAD6	5
606481.88	4201227.93	0.12302	79.19	79.19	0 ANNUAL	ROAD6	5
606501.88	4201227.93	0.12025	79.02	79.02	0 ANNUAL	ROAD6	5
606461.88	4201247.93	0.13209	79.51	87.22	0 ANNUAL	ROAD6	5
606481.88	4201247.93	0.12886	79.39	79.39	0 ANNUAL	ROAD6	5
606501.88	4201247.93	0.12569	79.21	79.21	0 ANNUAL	ROAD6	5
606461.88	4201267.93	0.13826	79.75	87.31	0 ANNUAL	ROAD6	5
606481.88	4201267.93	0.13462	79.62	79.62	0 ANNUAL	ROAD6	5
606501.88	4201267.93	0.13107	79.42	79.42	0 ANNUAL	ROAD6	5
606461.88	4201287.93	0.14434	80.2	87.22	0 ANNUAL	ROAD6	5
606481.88	4201287.93	0.14026	79.81	79.81	0 ANNUAL	ROAD6	5
606501.88	4201287.93	0.13633	79.62	79.62	0 ANNUAL	ROAD6	5
606461.88	4201307.93	0.15039	81.37	85.61	0 ANNUAL	ROAD6	5
606481.88	4201307.93	0.14578	80.13	80.13	0 ANNUAL	ROAD6	5
606501.88	4201307.93	0.14145	79.82	79.82	0 ANNUAL	ROAD6	5
606461.88	4201327.93	0.15617	81.89	83.02	0 ANNUAL	ROAD6	5
606481.88	4201327.93	0.15116	80.76	80.76	0 ANNUAL	ROAD6	5
606501.88	4201327.93	0.14641	80.04	80.04	0 ANNUAL	ROAD6	5
606461.88	4201347.93	0.16178	82.34	82.34	0 ANNUAL	ROAD6	5
606481.88	4201347.93	0.15636	81.32	81.32	0 ANNUAL	ROAD6	5
606501.88	4201347.93	0.15119	80.39	80.39	0 ANNUAL	ROAD6	5
606461.88	4201367.93	0.16698	81.31	81.31	0 ANNUAL	ROAD6	5
606481.88	4201367.93	0.16123	80.88	80.88	0 ANNUAL	ROAD6	5
606501.88	4201367.93	0.15572	80.3	80.3	0 ANNUAL	ROAD6	5
606461.88	4201387.93	0.1719	80.21	80.21	0 ANNUAL	ROAD6	5
606481.88	4201387.93	0.16574	79.65	79.65	0 ANNUAL	ROAD6	5
606501.88	4201387.93	0.15973	78.14	80.63	0 ANNUAL	ROAD6	5
606461.88	4201407.93	0.17629	77.64	95.77	0 ANNUAL	ROAD6	5
606481.88	4201407.93	0.16955	76.16	95.77	0 ANNUAL	ROAD6	5
606501.88	4201407.93	0.16304	74.33	95.77	0 ANNUAL	ROAD6	5
606384.38	4201249.47	0.1466	85.06	86.56	0 ANNUAL	ROAD6	5
606404.38	4201249.47	0.14277	82.67	87.31	0 ANNUAL	ROAD6	5
606384.38	4201269.47	0.15482	87.05	87.05	0 ANNUAL	ROAD6	5
606404.38	4201269.47	0.15056	85.74	87.22	0 ANNUAL	ROAD6	5
606384.38	4201289.47	0.16282	87.03	87.03	0 ANNUAL	ROAD6	5
606404.38	4201289.47	0.15808	86.87	86.87	0 ANNUAL	ROAD6	5
606384.38	4201309.47	0.17064	86.32	86.32	0 ANNUAL	ROAD6	5
606404.38	4201309.47	0.16535	86.16	86.16	0 ANNUAL	ROAD6	5
606384.38	4201329.47	0.17823	84.91	84.91	0 ANNUAL	ROAD6	5
606404.38	4201329.47	0.17236	84.85	84.85	0 ANNUAL	ROAD6	5
606384.38	4201349.47	0.18552	83.35	83.35	0 ANNUAL	ROAD6	5
606404.38	4201349.47	0.17912	83.38	83.38	0 ANNUAL	ROAD6	5
606384.38	4201369.47	0.19251	81.78	81.78	0 ANNUAL	ROAD6	5
606404.38	4201369.47	0.18558	81.89	81.89	0 ANNUAL	ROAD6	5
606384.38	4201389.47	0.19919	80.32	95.65	0 ANNUAL	ROAD6	5
606404.38	4201389.47	0.19174	80.43	95.52	0 ANNUAL	ROAD6	5
606384.38	4201409.47	0.20566	79.43	95.77	0 ANNUAL	ROAD6	5
606404.38	4201409.47	0.19767	79.48	95.77	0 ANNUAL	ROAD6	5
606423.8	4201072.57	0.07988	78.31	78.31	0 ANNUAL	ROAD6	5
606443.8	4201072.57	0.07959	78.02	78.02	0 ANNUAL	ROAD6	5
606423.8	4201092.57	0.0858	78.56	78.56	0 ANNUAL	ROAD6	5
606443.8	4201092.57	0.08531	78.27	78.27	0 ANNUAL	ROAD6	5
606423.8	4201112.57	0.09201	78.73	78.73	0 ANNUAL	ROAD6	5
606443.8	4201112.57	0.09124	78.45	78.45	0 ANNUAL	ROAD6	5
606423.8	4201132.57	0.09847	78.85	78.85	0 ANNUAL	ROAD6	5
606443.8	4201132.57	0.09738	78.65	78.65	0 ANNUAL	ROAD6	5
606423.8	4201152.57	0.10514	79.05	79.05	0 ANNUAL	ROAD6	5
606443.8	4201152.57	0.10372	78.85	78.85	0 ANNUAL	ROAD6	5
606423.8	4201172.57	0.11196	79.25	79.25	0 ANNUAL	ROAD6	5
606443.8	4201172.57	0.1102	79.05	79.05	0 ANNUAL	ROAD6	5
606423.8	4201192.57	0.11893	79.44	79.44	0 ANNUAL	ROAD6	5
606443.8	4201192.57	0.11675	79.23	79.23	0 ANNUAL	ROAD6	5
606423.8	4201212.57	0.12599	79.64	87.3	0 ANNUAL	ROAD6	5
606443.8	4201212.57	0.12338	79.4	79.4	0 ANNUAL	ROAD6	5
606423.8	4201232.57	0.13307	79.81	87.31	0 ANNUAL	ROAD6	5
606443.8	4201232.57	0.13001	79.54	87.31	0 ANNUAL	ROAD6	5
606423.11	4201254.06	0.14082	80.38	87.31	0 ANNUAL	ROAD6	5
606443.11	4201254.06	0.13723	79.75	87.31	0 ANNUAL	ROAD6	5
606423.11	4201274.06	0.14815	83.11	87.31	0 ANNUAL	ROAD6	5
606443.11	4201274.06	0.14383	80.39	87.31	0 ANNUAL	ROAD6	5
606423.11	4201294.06	0.15526	85.24	86.31	0 ANNUAL	ROAD6	5
606443.11	4201294.06	0.15052	82.62	86.84	0 ANNUAL	ROAD6	5
606423.11	4201314.06	0.16204	85.29	85.29	0 ANNUAL	ROAD6	5
606443.11	4201314.06	0.15691	83.68	84.29	0 ANNUAL	ROAD6	5
606423.11	4201334.06	0.16854	84.29	84.29	0 ANNUAL	ROAD6	5
606443.11	4201334.06	0.163	83.62	83.62	0 ANNUAL	ROAD6	5
606423.11	4201354.06	0.17477	82.91	82.91	0 ANNUAL	ROAD6	5
606443.11	4201354.06	0.16879	82.56	82.56	0 ANNUAL	ROAD6	5
606423.11	4201374.06	0.18072	81.44	81.44	0 ANNUAL	ROAD6	5
606443.11	4201374.06	0.17429	81.31	81.31	0 ANNUAL	ROAD6	5
606423.11	4201394.06	0.18636	80.09	95.62	0 ANNUAL	ROAD6	5
606443.11	4201394.06	0.17949	80	93.16	0 ANNUAL	ROAD6	5
606423.11	4201414.06	0.19175	79.09	95.77	0 ANNUAL	ROAD6	5
606443.11	4201414.06	0.18426	78.06	95.77	0 ANNUAL	ROAD6	5
606458.33	4201114.06	0.09108	78.32	78.32	0 ANNUAL	ROAD6	5
606478.33	4201114.06	0.09018	78.25	78.25	0 ANNUAL	ROAD6	5
606458.33	4201134.06	0.09701	78.52	78.52	0 ANNUAL	ROAD6	5
606478.33	4201134.06	0.09584	78.42	78.42	0 ANNUAL	ROAD6	5
606458.41	4201076.62	0.08045	77.9	77.9	0 ANNUAL	ROAD6	5
606478.41	4201076.62	0.08	77.7	77.7	0 ANNUAL	ROAD6	5
606458.41	4201096.62	0.08603	78.14	78.14	0 ANNUAL	ROAD6	5
606478.41	4201096.62	0.08535	78	78	0 ANNUAL	ROAD6	5
606487.59	4201114.96	0.08999	78.22	78.22	0 ANNUAL	ROAD6	5
606507.59	4201114.96	0.08899	78.02	78.02	0 ANNUAL	ROAD6	5
606487.59	4201134.96	0.09553	78.34	78.34	0 ANNUAL	ROAD6	5
606507.59	4201134.96	0.09428	78.25	78.25	0 ANNUAL	ROAD6	5
606487.67	4201077.52	0.08001	77.66	77.66	0 ANNUAL	ROAD6	5
606507.67	4201077.52	0.07947	77.56	77.56	0 ANNUAL	ROAD6	5
606487.67	4201097.52	0.08527	77.97	77.97	0 ANNUAL	ROAD6	5
606507.67	4201097.52	0.08449	77.87	77.87	0 ANNUAL	ROAD6	5
605889.69	4201158.66	0.10067	85.29 1	13.61	0 ANNUAL	ROAD6	5
605889.69	4201178.66	0.11502	85.54 1	13.61	0 ANNUAL	ROAD6	5
605889.69	4201198.66	0.13331	85.69 1	13.61	0 ANNUAL	ROAD6	5
605889.69	4201218.66	0.15703	85.89 1	13.61	0 ANNUAL	ROAD6	5
605889.69	4201238.66	0.18832	86.56 1	13.61	0 ANNUAL	ROAD6	5
605889.69	4201258.66	0.23056	89.10 1	13.61	0 ANNUAL	ROAD6	5
605889.69	4201278.66	0.28318	93.23 1	13.61	0 ANNUAL	ROAD6	5
605889.69	4201298.66	0.33621	100.84 1	13.61	0 ANNUAL	ROAD6	5
605876.33	4201162.41	0.10285	85.57 1	13.61	0 ANNUAL	ROAD6	5
605876.33	4201182.41	0.11737	85.79 1	13.61	0 ANNUAL	ROAD6	5
605876.33	4201202.41	0.13598	85.99 1	13.61	0 ANNUAL	ROAD6	5
605876.33	4201222.41	0.16034	86.38 1	13.61	0 ANNUAL	ROAD6	5
605876.33	4201242.41	0.19308	87.63 1	13.61	0 ANNUAL	ROAD6	5
605876.33	4201262.41	0.23751	90.44 1	13.61	0 ANNUAL	ROAD6	5
605876.33	4201282.41	0.28987	94.65 1	13.61	0 ANNUAL	ROAD6	5
605876.33	4201302.41	0.34604	101.51 1	13.61	0 ANNUAL	ROAD6	5
605863.81	4201176.17	0.11222	85.91 1	13.61	0 ANNUAL	ROAD6	5
605863.81	4201196.17	0.12893	86.22 1	13.61	0 ANNUAL	ROAD6	5
605863.81	4201216.17	0.15073	86.77 1	13.61	0 ANNUAL	ROAD6	5
605863.81	4201236.17	0.17984	87.72 1	13.61	0 ANNUAL	ROAD6	5
605863.81	4201256.17	0.21971	90.00 1	13.61	0 ANNUAL	ROAD6	5
605863.81	4201276.17	0.27093	92.17 1	13.61	0 ANNUAL	ROAD6	5
605863.81	4201296.17	0.32399	98.63 1	13.61	0 ANNUAL	ROAD6	5
605852.79	4201178.5	0.114	86.17 1	13.61	0 ANNUAL	ROAD6	5
605852.79	4201198.5	0.13083	86.69 1	13.61	0 ANNUAL	ROAD6	5
605852.79	4201218.5	0.15279	87.32 1	13.61	0 ANNUAL	ROAD6	5
605852.79	4201238.5	0.18229	88.46 1	13.61	0 ANNUAL	ROAD6	5
605852.79	4201258.5	0.22274	90.44 1	13.61	0 ANNUAL	ROAD6	5
605852.79	4201278.5	0.27441	92.34 1	13.61	0 ANNUAL	ROAD6	5
605852.79	4201298.5	0.33074	97.99 1	13.61	0 ANNUAL	ROAD6	5
605841.72	4201197.42	0.12982	87.09 1	13.61	0 ANNUAL	ROAD6	5
605841.72	4201217.42	0.15088	87.70 1	13.61	0 ANNUAL	ROAD6	5
605841.72	4201237.42	0.17913	88.80 1	13.61	0 ANNUAL	ROAD6	5
605841.72	4201257.42	0.21787	90.38 1	13.61	0 ANNUAL	ROAD6	5
605841.72	4201277.42	0.2692	91.76 1	13.61	0 ANNUAL	ROAD6	5
605841.72	4201297.42	0.32796	96.02 1	13.61	0 ANNUAL	ROAD6	5
605829.79	4201251.28	0.20274	89.91 1	13.61	0 ANNUAL	ROAD6	5
605829.79	4201271.28	0.24989	91.14 1	13.61	0 ANNUAL	ROAD6	5
605829.79	4201291.28	0.31046	92.66 1	13.61	0 ANNUAL	ROAD6	5
605818.78	4201253.61	0.20608	90.00 1	13.61	0 ANNUAL	ROAD6	5
605818.78	4201273.61	0.25407	91.03 1	13.61	0 ANNUAL	ROAD6	5
605818.78	4201293.61	0.31928	91.83 1	13.61	0 ANNUAL	ROAD6	5
605807.71	4201252.53	0.2032	89.80 1	13.61	0 ANNUAL	ROAD6	5
605807.71	4201272.53	0.24891	90.70 1	13.61	0 ANNUAL	ROAD6	5
605807.71	4201292.53	0.3126	91.49 1	13.61	0 ANNUAL	ROAD6	5
605818.76	4201242.41	0.18558	89.40 1	13.61	0 ANNUAL	ROAD6	5
605831.7	4201240.74	0.18366	89.20 1	13.61	0 ANNUAL	ROAD6	5
605821.68	4201230.72	0.16777	88.83 1	13.61	0 ANNUAL	ROAD6	5
605832.12	4201225.71	0.16113	88.38 1	13.61	0 ANNUAL	ROAD6	5
605779.97	4201340.44	0.62399	92.81 1	13.61	0 ANNUAL	ROAD6	5
605759.97	4201360.44	1.02048	91.01 1	19.11	0 ANNUAL	ROAD6	5
605779.97	4201360.44	0.89551	96.75 1	13.61	0 ANNUAL	ROAD6	5
605759.97	4201380.44	1.78704	93.94 1	18.2	0 ANNUAL	ROAD6	5
605779.97	4201380.44	1.40012	100.70 1	13.61	0 ANNUAL	ROAD6	5
605759.97	4201400.44	3.48775	96.87 1	13.61	0 ANNUAL	ROAD6	5
605779.97	4201400.44	2.29687	101.95 1	13.5	0 ANNUAL	ROAD6	5
605791.09	4201315.56	0.42284	91.56 1	13.61	0 ANNUAL	ROAD6	5
605791.09	4201335.56	0.55806	94.76 1	13.61	0 ANNUAL	ROAD6	5
605791.09	4201355.56	0.76952	99.31 1	13.61	0 ANNUAL	ROAD6	5
605798.95	4201281.17	0.27276	90.84 1	13.61	0 ANNUAL	ROAD6	5
605798.95	4201301.17	0.34672	91.52 1	13.61	0 ANNUAL	ROAD6	5
605798.95	4201321.17	0.44978	93.46 1	13.61	0 ANNUAL	ROAD6	5
605779.79	4201321.31	0.4635	90.79 1	13.61	0 ANNUAL	ROAD6	5
605786.18	4201298.71	0.33544	90.94 1	13.61	0 ANNUAL	ROAD6	5

** CONCUNIT ug/ m^3
** DEPUNIT g/m^ 2

* AERMOD (19191)
* AERMET (14134)
Unit Concentrations
RANCH HRA -ALL PHASES

X	Y	AREA3 AVERAGE CONC	ROAD1 AVERAGE CONC	ROAD2 AVERAGE CONC
606771.32	4200808.57	155511.5541	0.08488	0.08498
606787.8	4200808.22	144532.8459	0.08645	0.08689
606807.8	4200808.22	129919.5236	0.09263	0.09273
606827.8	4200808.22	117918.5764	0.09855	0.09846
606847.8	4200808.22	107817.4147	0.10527	0.10493
606867.8	4200808.22	99211.71167	0.11284	0.11219
606887.8	4200808.22	91866.24705	0.12011	0.1193
606907.8	4200808.22	85466.45737	0.12864	0.12706
606927.8	4200808.22	79890.25681	0.13855	0.13642
606947.8	4200808.22	74967.92316	0.14935	0.14655
606767.8	4200828.22	155309.5667	0.07943	0.08004
606787.8	4200828.22	140336.6	0.08291	0.08356
606807.8	4200828.22	126036.0946	0.08872	0.08925
606827.8	4200828.22	114396.0238	0.09503	0.0954
606847.8	4200828.22	104780.2993	0.10165	0.10182
606867.8	4200828.22	96634.10726	0.10898	0.10885
606887.8	4200828.22	89601.82619	0.11633	0.11618
606907.8	4200828.22	83469.99993	0.12471	0.12391
606927.8	4200828.22	78101.12581	0.13491	0.13348
606947.8	4200828.22	73360.72938	0.14597	0.14392
606967.8	4200828.22	69128.02533	0.15835	0.1555
606987.8	4200828.22	65328.63306	0.1721	0.16843
606747.8	4200848.22	161980.7128	0.07322	0.07409
606767.8	4200848.22	147197.3767	0.07637	0.0772
606787.8	4200848.22	133908.0436	0.07951	0.08048
606807.8	4200848.22	120945.0068	0.08497	0.08588
606827.8	4200848.22	110265.7756	0.09086	0.09168
606847.8	4200848.22	101293.5131	0.09686	0.09802
606867.8	4200848.22	93645.49235	0.10405	0.105
606887.8	4200848.22	87017.45345	0.11154	0.11218
606907.8	4200848.22	81223.29463	0.12016	0.12015
606927.8	4200848.22	76116.92934	0.13044	0.12983
606947.8	4200848.22	71589.55421	0.1417	0.14051
606967.8	4200848.22	67542.69697	0.15423	0.1523
606987.8	4200848.22	63902.86705	0.16822	0.16553
607107.8	4200848.22	47948.54902	0.30118	0.28705
607127.8	4200848.22	45981.50889	0.33611	0.31796
607147.8	4200848.22	44152.93426	0.37708	0.35414
607167.8	4200848.22	42453.86219	0.42527	0.39626
607187.8	4200848.22	40866.82242	0.48374	0.44686

607207.8	4200848.22	39381.27565	0.55629	0.50873
607227.8	4200848.22	37993.42726	0.64634	0.58449
606747.8	4200868.22	151565.5533	0.06964	0.07075
606767.8	4200868.22	139104.5775	0.07232	0.07347
606787.8	4200868.22	126866.2019	0.07499	0.07653
606807.8	4200868.22	115396.975	0.08024	0.08198
606827.8	4200868.22	105751.2079	0.08613	0.0876
606847.8	4200868.22	97514.3627	0.09216	0.09377
606867.8	4200868.22	90422.1408	0.09897	0.10064
606887.8	4200868.22	84242.24064	0.10635	0.10759
606907.8	4200868.22	78809.36958	0.11494	0.1156
606927.8	4200868.22	73997.35032	0.1252	0.12524
606947.8	4200868.22	69706.90848	0.13646	0.1362
607047.8	4200868.22	53764.24621	0.21797	0.21262
607067.8	4200868.22	51356.04765	0.24166	0.23438
607087.8	4200868.22	49135.90153	0.2691	0.25943
607107.8	4200868.22	47085.71378	0.30081	0.28785
607127.8	4200868.22	45185.63022	0.33783	0.3207
607147.8	4200868.22	43418.73887	0.38147	0.35914
607167.8	4200868.22	41772.40418	0.4335	0.40452
607187.8	4200868.22	40234.12324	0.49695	0.45919
607207.8	4200868.22	38795.57671	0.57552	0.52578
607227.8	4200868.22	37445.71006	0.67607	0.6095
606755.19	4200886.81	139503.3263	0.06602	0.06742
606767.8	4200888.22	131414.7725	0.06711	0.06848
606787.8	4200888.22	119786.8771	0.07067	0.07233
606807.8	4200888.22	109714.0964	0.07569	0.07783
606827.8	4200888.22	101069.4191	0.08123	0.08322
606847.8	4200888.22	93599.39802	0.08718	0.08918
606867.8	4200888.22	87090.17293	0.09361	0.09578
606887.8	4200888.22	81364.95425	0.1007	0.10229
606907.8	4200888.22	76308.93177	0.10915	0.11042
606927.8	4200888.22	71794.77961	0.11931	0.12036
607027.8	4200888.22	55112.02175	0.19098	0.18881
607047.8	4200888.22	52601.51627	0.21223	0.20856
607067.8	4200888.22	50294.57352	0.23655	0.23104
607087.8	4200888.22	48164.20164	0.2649	0.25705
607107.8	4200888.22	46192.0796	0.29804	0.28688
607127.8	4200888.22	44361.21669	0.33707	0.32161
607147.8	4200888.22	42658.77204	0.3831	0.36223
607167.8	4200888.22	41068.73739	0.43871	0.41068
607187.8	4200888.22	39579.78787	0.50735	0.4697
607207.8	4200888.22	38187.00897	0.59291	0.54203
607227.8	4200888.22	36878.31642	0.70387	0.63389
606747.8	4200908.22	134603.2777	0.05892	0.06042
606767.8	4200908.22	122942.0617	0.06256	0.06412
606787.8	4200908.22	113012.0834	0.06692	0.06874

606807.8	4200908.22	104125.49	0.07155	0.07344
606827.8	4200908.22	96417.00644	0.07664	0.07859
606847.8	4200908.22	89690.01611	0.08221	0.08423
606867.8	4200908.22	83736.67259	0.08774	0.09048
606887.8	4200908.22	78472.95344	0.09477	0.09678
606987.8	4200908.22	59254.59468	0.14892	0.14994
607007.8	4200908.22	56415.86017	0.16468	0.1652
607027.8	4200908.22	53814.73602	0.18295	0.18252
607047.8	4200908.22	51420.21204	0.20424	0.20255
607067.8	4200908.22	49212.83328	0.22896	0.22565
607087.8	4200908.22	47172.60656	0.25791	0.25243
607107.8	4200908.22	45280.91717	0.29206	0.28339
607127.8	4200908.22	43520.50753	0.3327	0.31981
607147.8	4200908.22	41878.9375	0.38148	0.36298
607167.8	4200908.22	40346.7841	0.44044	0.41444
607187.8	4200908.22	38909.9351	0.51382	0.47755
607207.8	4200908.22	37561.53982	0.60707	0.55633
607227.8	4200908.22	36295.75233	0.72831	0.65653
606687.8	4200928.22	159227.1761	0.04639	0.04837
606707.8	4200928.22	147056.2062	0.04942	0.05107
606727.8	4200928.22	135261.3771	0.05227	0.05401
606747.8	4200928.22	124610.1828	0.05537	0.0572
606767.8	4200928.22	114924.0422	0.05884	0.06077
606787.8	4200928.22	106385.1501	0.06247	0.0645
606807.8	4200928.22	98727.22171	0.06664	0.06879
606827.8	4200928.22	91891.34258	0.07146	0.07371
606847.8	4200928.22	85847.44401	0.0767	0.07906
606867.8	4200928.22	80447.12825	0.08202	0.08505
606967.8	4200928.22	60610.18407	0.12694	0.12938
606987.8	4200928.22	57669.71504	0.14022	0.1425
607007.8	4200928.22	54984.67402	0.15533	0.15736
607027.8	4200928.22	52511.69683	0.17324	0.17461
607047.8	4200928.22	50233.25552	0.19407	0.19455
607067.8	4200928.22	48124.3867	0.21873	0.21794
607087.8	4200928.22	46173.04044	0.2478	0.2452
607107.8	4200928.22	44359.44539	0.28252	0.27706
607127.8	4200928.22	42669.19879	0.32431	0.31487
607147.8	4200928.22	41089.89119	0.37519	0.36022
607167.8	4200928.22	39613.05854	0.4375	0.41485
607187.8	4200928.22	38229.1611	0.51522	0.48181
607207.8	4200928.22	36926.83376	0.61553	0.56661
607227.8	4200928.22	35703.41322	0.74722	0.67535
606667.8	4200948.22	151245.625	0.04148	0.04302
606687.8	4200948.22	142119.5581	0.04373	0.04531
606707.8	4200948.22	132933.3807	0.04608	0.04781
606727.8	4200948.22	123981.0335	0.04856	0.05041
606747.8	4200948.22	115422.9165	0.05134	0.05331

606767.8	4200948.22	107434.859	0.0545	0.05659
606787.8	4200948.22	100145.3696	0.05797	0.06019
606807.8	4200948.22	93535.25375	0.0618	0.06416
606827.8	4200948.22	87533.8536	0.06621	0.06871
606927.8	4200948.22	65202.68078	0.09806	0.10117
606947.8	4200948.22	61897.40284	0.10739	0.1106
606967.8	4200948.22	58876.06964	0.11808	0.12146
606987.8	4200948.22	56108.93689	0.13046	0.13388
607007.8	4200948.22	53566.7996	0.14482	0.14827
607027.8	4200948.22	51220.81566	0.16186	0.165
607047.8	4200948.22	49051.20988	0.18196	0.18465
607067.8	4200948.22	47041.46268	0.20581	0.2077
607087.8	4200948.22	45175.6697	0.23438	0.23501
607107.8	4200948.22	43438.1357	0.26897	0.26733
607127.8	4200948.22	41814.59033	0.31133	0.30628
607147.8	4200948.22	40299.981	0.36295	0.35286
607167.8	4200948.22	38876.51595	0.42803	0.41048
607187.8	4200948.22	37541.88456	0.51022	0.48166
607207.8	4200948.22	36287.12956	0.61665	0.57174
607227.8	4200948.22	35105.92126	0.75859	0.68877
606547.8	4200968.22	156804.578	0.02991	0.03085
606567.8	4200968.22	155101.7297	0.03113	0.03214
606587.8	4200968.22	152778.972	0.03253	0.03359
606607.8	4200968.22	149858.7241	0.03386	0.03499
606627.8	4200968.22	145699.6861	0.0356	0.03686
606647.8	4200968.22	140672.2008	0.03714	0.03842
606667.8	4200968.22	134921.4978	0.03864	0.0402
606687.8	4200968.22	128285.7739	0.04048	0.04215
606707.8	4200968.22	121197.0313	0.04258	0.04437
606727.8	4200968.22	114082.1298	0.04485	0.04676
606747.8	4200968.22	107100.0885	0.04746	0.0495
606767.8	4200968.22	100484.7513	0.05033	0.05251
606787.8	4200968.22	94304.8691	0.05353	0.05586
606907.8	4200968.22	66446.89112	0.08304	0.08624
606927.8	4200968.22	63090.16359	0.09047	0.09403
606947.8	4200968.22	60012.05148	0.09896	0.10277
606967.8	4200968.22	57183.9504	0.10873	0.11283
606987.8	4200968.22	54579.41729	0.12011	0.12447
607007.8	4200968.22	52175.91652	0.13345	0.13807
607027.8	4200968.22	49950.95589	0.14928	0.15399
607047.8	4200968.22	47887.5075	0.1681	0.1728
607067.8	4200968.22	45972.64482	0.19055	0.19503
607087.8	4200968.22	44189.25607	0.21783	0.22175
607107.8	4200968.22	42525.16328	0.25128	0.25382
607127.8	4200968.22	40969.06118	0.29269	0.29283
607147.8	4200968.22	39512.04042	0.34443	0.34056
607167.8	4200968.22	38144.26164	0.41015	0.39981

607187.8	4200968.22	36857.35838	0.49534	0.47458
607207.8	4200968.22	35645.63882	0.60802	0.57062
607227.8	4200968.22	34508.0841	0.75815	0.6946
606527.8	4200988.22	143511.1206	0.0266	0.02752
606547.8	4200988.22	141346.4949	0.02764	0.02864
606567.8	4200988.22	139214.583	0.02894	0.02986
606587.8	4200988.22	136823.9287	0.03022	0.03122
606607.8	4200988.22	134004.0893	0.03161	0.03268
606627.8	4200988.22	130705.6326	0.03287	0.03398
606647.8	4200988.22	126620.048	0.0342	0.03565
606667.8	4200988.22	121890.9854	0.03587	0.03739
606687.8	4200988.22	116693.5172	0.03748	0.03911
606707.8	4200988.22	111113.701	0.0393	0.04106
606727.8	4200988.22	105376.3594	0.04135	0.04324
606747.8	4200988.22	99645.72391	0.04374	0.04577
606867.8	4200988.22	71138.23537	0.06455	0.06738
606887.8	4200988.22	67495.34817	0.07006	0.07319
606907.8	4200988.22	64138.56937	0.07615	0.07957
606927.8	4200988.22	61040.22714	0.08284	0.08667
606947.8	4200988.22	58179.29787	0.09048	0.09466
606967.8	4200988.22	55534.80035	0.09927	0.10386
606987.8	4200988.22	53087.17525	0.10953	0.11454
607007.8	4200988.22	50818.68995	0.12156	0.12707
607027.8	4200988.22	48708.31983	0.13599	0.14191
607047.8	4200988.22	46749.16076	0.15301	0.15935
607067.8	4200988.22	44923.85493	0.17356	0.18024
607087.8	4200988.22	43220.09595	0.19874	0.20563
607107.8	4200988.22	41626.80261	0.22993	0.2365
607127.8	4200988.22	40134.21307	0.26906	0.27459
607147.8	4200988.22	38733.74541	0.31888	0.32211
607167.8	4200988.22	37417.49499	0.38342	0.38214
607187.8	4200988.22	36178.32429	0.4687	0.45905
607207.8	4200988.22	35011.22451	0.58356	0.55906
606527.8	4201008.22	130767.3364	0.02482	0.02572
606547.8	4201008.22	128578.4635	0.02578	0.02674
606567.8	4201008.22	126372.0958	0.02688	0.0279
606587.8	4201008.22	124074.1944	0.02801	0.0291
606607.8	4201008.22	121484.4247	0.02923	0.03039
606627.8	4201008.22	118600.8672	0.03046	0.0317
606647.8	4201008.22	115214.0806	0.03174	0.03308
606667.8	4201008.22	111272.1673	0.03319	0.03462
606687.8	4201008.22	107035.0735	0.03463	0.03617
606827.8	4201008.22	75577.91484	0.05142	0.05409
606847.8	4201008.22	71799.7068	0.05504	0.05794
606867.8	4201008.22	68259.25552	0.05931	0.06201
606887.8	4201008.22	64964.96612	0.06411	0.06726
606907.8	4201008.22	61899.52834	0.06953	0.07299

606927.8	4201008.22	59047.76261	0.07547	0.07938
606947.8	4201008.22	56395.91196	0.08224	0.08656
606967.8	4201008.22	53929.08534	0.09001	0.09483
606987.8	4201008.22	51633.37963	0.09908	0.10443
607007.8	4201008.22	49495.40091	0.1097	0.11571
607027.8	4201008.22	47498.5268	0.12244	0.1291
607047.8	4201008.22	45637.91228	0.1375	0.14491
607067.8	4201008.22	43899.0964	0.15571	0.16395
607087.8	4201008.22	42271.91509	0.17811	0.18724
607107.8	4201008.22	40746.80978	0.20605	0.21588
607127.8	4201008.22	39315.14327	0.24143	0.25171
607147.8	4201008.22	37969.55445	0.28712	0.29719
607167.8	4201008.22	36702.77409	0.34743	0.35588
607187.8	4201008.22	35508.50925	0.42902	0.4329
607207.8	4201008.22	34383.65319	0.54124	0.53497
606787.8	4201028.22	79269.60194	0.04154	0.04362
606807.8	4201028.22	75564.9609	0.04413	0.0464
606827.8	4201028.22	72022.38326	0.04706	0.04954
606847.8	4201028.22	68671.21916	0.05027	0.05298
606867.8	4201028.22	65501.60659	0.05422	0.05681
606887.8	4201028.22	62523.64759	0.05857	0.06157
606907.8	4201028.22	59730.69833	0.06336	0.06667
606927.8	4201028.22	57111.98146	0.06858	0.07235
606947.8	4201028.22	54659.4974	0.0745	0.0787
606967.8	4201028.22	52363.93005	0.08127	0.08601
606987.8	4201028.22	50215.07479	0.08917	0.09449
607007.8	4201028.22	48205.74598	0.0983	0.10438
607027.8	4201028.22	46321.26062	0.10926	0.1161
607047.8	4201028.22	44556.10258	0.12223	0.13001
607067.8	4201028.22	42900.17303	0.13795	0.14688
607087.8	4201028.22	41347.32875	0.15717	0.16748
607107.8	4201028.22	39888.01189	0.18119	0.19296
607127.8	4201028.22	38515.16041	0.21169	0.22513
607147.8	4201028.22	37221.95761	0.25144	0.2666
607167.8	4201028.22	36003.58545	0.3042	0.32085
607187.8	4201028.22	34853.95161	0.3765	0.39358
606727.8	4201048.22	85195.7631	0.03259	0.03403
606747.8	4201048.22	81784.26146	0.03428	0.03584
606767.8	4201048.22	78374.67463	0.03621	0.03791
606787.8	4201048.22	75045.44066	0.03825	0.0401
606807.8	4201048.22	71802.1142	0.04059	0.0426
606827.8	4201048.22	68685.31296	0.04314	0.04534
606847.8	4201048.22	65698.03802	0.04605	0.04846
606867.8	4201048.22	62862.98743	0.04972	0.05201
606887.8	4201048.22	60172.06711	0.05359	0.0563
606907.8	4201048.22	57633.23696	0.05766	0.06074
606927.8	4201048.22	55232.51532	0.06228	0.06574

606947.8	4201048.22	52969.69116	0.06745	0.0713
606967.8	4201048.22	50841.0318	0.07325	0.07758
606987.8	4201048.22	48834.81209	0.07999	0.08495
607007.8	4201048.22	46947.92051	0.08785	0.09355
607027.8	4201048.22	45170.90194	0.09716	0.10362
607047.8	4201048.22	43499.4814	0.10813	0.11558
607067.8	4201048.22	41927.03183	0.12127	0.12996
607087.8	4201048.22	40445.96869	0.13734	0.14756
607107.8	4201048.22	39051.00642	0.15725	0.16931
607127.8	4201048.22	37735.43137	0.18242	0.1968
607147.8	4201048.22	36493.64103	0.21508	0.23233
607167.8	4201048.22	35319.1814	0.25891	0.27978
607187.8	4201048.22	34211.17782	0.31862	0.34397
606527.8	4201068.22	102543.579	0.02042	0.02105
606547.8	4201068.22	100767.9376	0.02117	0.02184
606567.8	4201068.22	98951.78493	0.02198	0.0227
606587.8	4201068.22	97099.33716	0.02281	0.02357
606607.8	4201068.22	95155.74372	0.02367	0.02448
606627.8	4201068.22	93102.299	0.02456	0.02543
606647.8	4201068.22	90807.4748	0.0256	0.02652
606667.8	4201068.22	88341.88539	0.02662	0.02762
606687.8	4201068.22	85674.71744	0.02778	0.02885
606707.8	4201068.22	82887.20682	0.02899	0.03014
606727.8	4201068.22	79988.07642	0.03036	0.0316
606747.8	4201068.22	77034.34592	0.03191	0.03325
606767.8	4201068.22	74083.6424	0.03359	0.03504
606787.8	4201068.22	71172.00069	0.03542	0.03699
606807.8	4201068.22	68315.09114	0.03752	0.03924
606827.8	4201068.22	65551.8622	0.03981	0.04169
606847.8	4201068.22	62894.41939	0.04232	0.04438
606867.8	4201068.22	60347.37803	0.04569	0.04749
606887.8	4201068.22	57919.06442	0.04902	0.05137
606907.8	4201068.22	55607.14551	0.05266	0.05531
606927.8	4201068.22	53409.72717	0.05674	0.05978
606947.8	4201068.22	51325.85134	0.06122	0.06457
606967.8	4201068.22	49351.81626	0.06628	0.07005
606987.8	4201068.22	47482.90971	0.07207	0.07637
607007.8	4201068.22	45717.89522	0.07868	0.0836
607027.8	4201068.22	44047.70585	0.08646	0.09213
607047.8	4201068.22	42466.76385	0.09573	0.10227
607067.8	4201068.22	40974.63429	0.10669	0.11432
607087.8	4201068.22	39564.71208	0.11991	0.12893
607107.8	4201068.22	38231.25007	0.1363	0.14706
607127.8	4201068.22	36971.66558	0.15665	0.16965
607147.8	4201068.22	35780.07256	0.18269	0.19866
607167.8	4201068.22	34651.98983	0.21689	0.23697
607187.8	4201068.22	33583.11001	0.26331	0.28924

607207.8	4201068.22	32569.69904	0.3289	0.36351
607227.8	4201068.22	31608.01741	0.42656	0.47459
607247.8	4201068.22	30694.61673	0.58325	0.65243
607267.8	4201068.22	29826.10415	0.86426	0.96507
607287.8	4201068.22	28999.667	1.45809	1.58626
607307.8	4201068.22	28212.74579	3.00598	2.96884
606527.8	4201088.22	95485.69963	0.01928	0.01983
606547.8	4201088.22	93850.00865	0.01998	0.02056
606567.8	4201088.22	92199.3927	0.02069	0.02131
606587.8	4201088.22	90487.20005	0.02146	0.02212
606607.8	4201088.22	88717.47507	0.02224	0.02293
606627.8	4201088.22	86849.55824	0.0231	0.02384
606647.8	4201088.22	84832.94789	0.024	0.02479
606667.8	4201088.22	82651.74363	0.02498	0.02582
606687.8	4201088.22	80316.68742	0.02605	0.02696
606707.8	4201088.22	77877.43861	0.02721	0.02818
606727.8	4201088.22	75353.04582	0.02844	0.02949
606747.8	4201088.22	72770.52775	0.02987	0.03099
606767.8	4201088.22	70182.24719	0.03139	0.03261
606787.8	4201088.22	67613.89533	0.03305	0.03437
606807.8	4201088.22	65088.90431	0.0349	0.03634
606827.8	4201088.22	62628.94569	0.03694	0.0385
606847.8	4201088.22	60251.82393	0.03915	0.04085
606867.8	4201088.22	57957.37525	0.04216	0.04359
606887.8	4201088.22	55760.10873	0.04513	0.0471
606907.8	4201088.22	53655.93158	0.04833	0.05051
606927.8	4201088.22	51644.20709	0.05199	0.05446
606947.8	4201088.22	49726.25668	0.05592	0.05873
606967.8	4201088.22	47899.07453	0.06034	0.06349
606987.8	4201088.22	46160.90082	0.06534	0.06891
607007.8	4201088.22	44509.80948	0.07109	0.07513
607027.8	4201088.22	42942.25508	0.07769	0.08233
607047.8	4201088.22	41453.49074	0.08548	0.09076
607067.8	4201088.22	40041.99123	0.09459	0.10071
607087.8	4201088.22	38700.06851	0.10569	0.11287
607107.8	4201088.22	37429.82903	0.11905	0.12758
607127.8	4201088.22	36224.08293	0.1357	0.14591
607147.8	4201088.22	35082.04401	0.15643	0.1689
607167.8	4201088.22	33998.25525	0.18307	0.19873
607187.8	4201088.22	32969.42046	0.21821	0.23855
607207.8	4201088.22	31991.93074	0.2661	0.2937
607227.8	4201088.22	31062.9647	0.33423	0.3738
607247.8	4201088.22	30179.21459	0.43751	0.4984
607267.8	4201088.22	29338.04675	0.61001	0.7135
607287.8	4201088.22	28536.69092	0.94341	1.15085
607307.8	4201088.22	27772.87986	1.71503	2.29712
606527.8	4201108.22	89259.25848	0.01831	0.01878

606547.8	4201108.22	87771.56601	0.01892	0.01942
606567.8	4201108.22	86246.87438	0.01959	0.02012
606587.8	4201108.22	84681.84065	0.02029	0.02085
606607.8	4201108.22	83072.00561	0.02105	0.02164
606627.8	4201108.22	81358.98373	0.02185	0.02248
606647.8	4201108.22	79558.58174	0.02267	0.02334
606667.8	4201108.22	77624.57666	0.02358	0.0243
606687.8	4201108.22	75571.80884	0.02456	0.02532
606707.8	4201108.22	73419.25333	0.02565	0.02647
606727.8	4201108.22	71197.37628	0.0268	0.02767
606747.8	4201108.22	68928.4481	0.02807	0.02901
606767.8	4201108.22	66633.59498	0.0295	0.03052
606787.8	4201108.22	64355.71726	0.03101	0.0321
606807.8	4201108.22	62107.14064	0.03267	0.03385
606827.8	4201108.22	59904.30813	0.03451	0.03578
606847.8	4201108.22	57764.0914	0.03651	0.0379
606867.8	4201108.22	55695.36813	0.03874	0.04025
606887.8	4201108.22	53700.227	0.04175	0.04326
606907.8	4201108.22	51778.46354	0.04477	0.04653
606927.8	4201108.22	49934.62454	0.04807	0.05006
606947.8	4201108.22	48169.8006	0.05156	0.05382
606967.8	4201108.22	46481.58207	0.05544	0.05796
606987.8	4201108.22	44868.84012	0.05982	0.06261
607007.8	4201108.22	43328.02436	0.06482	0.06798
607027.8	4201108.22	41858.72137	0.07057	0.07417
607047.8	4201108.22	40457.47033	0.07729	0.08132
607067.8	4201108.22	39121.98738	0.08518	0.08978
607087.8	4201108.22	37851.70956	0.09451	0.09981
607107.8	4201108.22	36642.3143	0.10581	0.11197
607127.8	4201108.22	35492.46804	0.11959	0.1268
607147.8	4201108.22	34397.96316	0.13673	0.14534
607167.8	4201108.22	33358.09381	0.15807	0.16866
607187.8	4201108.22	32368.81476	0.18544	0.1989
607207.8	4201108.22	31426.93462	0.2214	0.23923
607227.8	4201108.22	30530.00493	0.27029	0.29506
607247.8	4201108.22	29675.44639	0.34025	0.37668
607267.8	4201108.22	28860.92475	0.44835	0.50629
607287.8	4201108.22	28084.09119	0.63381	0.73976
607307.8	4201108.22	27342.53209	0.97654	1.23148
606527.8	4201128.22	83759.88554	0.01744	0.01784
606547.8	4201128.22	82374.63131	0.01803	0.01846
606567.8	4201128.22	80968.40422	0.01865	0.01911
606587.8	4201128.22	79531.23862	0.01929	0.01977
606607.8	4201128.22	78058.22131	0.02	0.0205
606627.8	4201128.22	76501.62533	0.02075	0.02128
606647.8	4201128.22	74881.88746	0.02151	0.02208
606667.8	4201128.22	73152.85189	0.02237	0.02297

606687.8	4201128.22	71325.83296	0.02331	0.02396
606707.8	4201128.22	69415.3701	0.02433	0.02501
606727.8	4201128.22	67445.6692	0.0254	0.02613
606747.8	4201128.22	65432.40442	0.02659	0.02737
606767.8	4201128.22	63391.98978	0.0279	0.02874
606787.8	4201128.22	61359.74864	0.02927	0.03017
606807.8	4201128.22	59347.87401	0.03076	0.03173
606827.8	4201128.22	57367.46189	0.03242	0.03346
606847.8	4201128.22	55429.34371	0.03429	0.03541
606867.8	4201128.22	53552.38629	0.03627	0.03754
606887.8	4201128.22	51733.301	0.03913	0.04034
606907.8	4201128.22	49980.69694	0.04175	0.04314
606927.8	4201128.22	48289.37942	0.04471	0.04627
606947.8	4201128.22	46662.95059	0.04794	0.04975
606967.8	4201128.22	45101.00746	0.05147	0.05343
606987.8	4201128.22	43602.23995	0.05542	0.05757
607007.8	4201128.22	42166.39193	0.05987	0.06229
607027.8	4201128.22	40791.92875	0.06497	0.06767
607047.8	4201128.22	39475.30087	0.07093	0.0739
607067.8	4201128.22	38216.72821	0.07787	0.08118
607087.8	4201128.22	37013.12917	0.08614	0.08986
607107.8	4201128.22	35866.64147	0.09588	0.10011
607127.8	4201128.22	34771.08371	0.10777	0.11259
607147.8	4201128.22	33725.72562	0.12229	0.12793
607167.8	4201128.22	32729.81876	0.14003	0.14686
607187.8	4201128.22	31779.70515	0.16221	0.17079
607207.8	4201128.22	30873.09771	0.19045	0.20172
607227.8	4201128.22	30008.10449	0.22744	0.24295
607247.8	4201128.22	29182.60335	0.278	0.30054
607267.8	4201128.22	28394.43073	0.35113	0.38671
607287.8	4201128.22	27641.45372	0.46313	0.52774
607307.8	4201128.22	26921.59283	0.63308	0.7709
606527.8	4201148.22	78848.91934	0.01669	0.01704
606547.8	4201148.22	77559.49903	0.01724	0.01761
606567.8	4201148.22	76269.61526	0.01782	0.01821
606587.8	4201148.22	74937.28892	0.01844	0.01885
606607.8	4201148.22	73583.26952	0.01909	0.01953
606627.8	4201148.22	72172.80716	0.01976	0.02022
606647.8	4201148.22	70694.72975	0.02053	0.02101
606667.8	4201148.22	69138.70221	0.02134	0.02185
606687.8	4201148.22	67504.98804	0.02222	0.02277
606707.8	4201148.22	65800.46553	0.02317	0.02375
606727.8	4201148.22	64039.72828	0.02422	0.02483
606747.8	4201148.22	62242.73061	0.02531	0.02597
606767.8	4201148.22	60429.1919	0.02646	0.02716
606787.8	4201148.22	58601.37682	0.02776	0.02851
606807.8	4201148.22	56787.75662	0.02915	0.02995

606827.8	4201148.22	54996.68626	0.03069	0.03154
606847.8	4201148.22	53241.62303	0.03238	0.03329
606867.8	4201148.22	51527.99919	0.03427	0.03529
606887.8	4201148.22	49868.7276	0.03678	0.03744
606907.8	4201148.22	48259.43017	0.03935	0.04043
606927.8	4201148.22	46704.38218	0.04206	0.04329
606947.8	4201148.22	45203.45796	0.04503	0.04645
606967.8	4201148.22	43756.58013	0.04829	0.0498
606987.8	4201148.22	42364.20895	0.05189	0.05357
607007.8	4201148.22	41026.78595	0.05596	0.05778
607027.8	4201148.22	39742.85348	0.06056	0.06256
607047.8	4201148.22	38508.41473	0.06595	0.06809
607067.8	4201148.22	37324.56701	0.07219	0.07452
607087.8	4201148.22	36188.12382	0.07961	0.08217
607107.8	4201148.22	35100.63137	0.08838	0.09123
607127.8	4201148.22	34058.79077	0.0989	0.10211
607147.8	4201148.22	33063.4357	0.1114	0.11515
607167.8	4201148.22	32111.12649	0.12648	0.13107
607187.8	4201148.22	31200.21907	0.14487	0.15074
607207.8	4201148.22	30329.05505	0.16759	0.17548
607227.8	4201148.22	29495.90812	0.19633	0.20743
607247.8	4201148.22	28699.23394	0.23389	0.25038
607267.8	4201148.22	27937.03265	0.28468	0.31105
607287.8	4201148.22	27207.83009	0.3548	0.40019
607307.8	4201148.22	26507.94422	0.45058	0.53166
606527.8	4201168.22	74450.43151	0.01602	0.01632
606547.8	4201168.22	73257.10793	0.01653	0.01686
606567.8	4201168.22	72058.55315	0.01708	0.01742
606587.8	4201168.22	70824.64568	0.01766	0.01802
606607.8	4201168.22	69575.7711	0.01828	0.01865
606627.8	4201168.22	68279.1385	0.01892	0.01932
606647.8	4201168.22	66931.75318	0.01965	0.02006
606667.8	4201168.22	65521.26691	0.02043	0.02087
606687.8	4201168.22	64053.32769	0.02125	0.02171
606707.8	4201168.22	62516.37646	0.02217	0.02266
606727.8	4201168.22	60933.55971	0.02318	0.0237
606747.8	4201168.22	59320.84526	0.02421	0.02476
606767.8	4201168.22	57687.67802	0.02532	0.0259
606787.8	4201168.22	56044.53034	0.02651	0.02713
606807.8	4201168.22	54403.74655	0.02782	0.02847
606827.8	4201168.22	52781.9888	0.02923	0.02992
606847.8	4201168.22	51184.22056	0.03081	0.03154
606867.8	4201168.22	49618.09171	0.03258	0.0334
606887.8	4201168.22	48094.9025	0.03503	0.03577
606907.8	4201168.22	46614.84523	0.03742	0.03828
606927.8	4201168.22	45179.60482	0.04001	0.04099
606947.8	4201168.22	43794.19851	0.04267	0.04377

606967.8	4201168.22	42454.73996	0.04564	0.04682
606987.8	4201168.22	41162.09826	0.04897	0.05023
607007.8	4201168.22	39915.84061	0.05271	0.05408
607027.8	4201168.22	38715.43431	0.05699	0.05845
607047.8	4201168.22	37556.23793	0.06202	0.06356
607067.8	4201168.22	36443.59974	0.06776	0.0694
607087.8	4201168.22	35373.98942	0.07447	0.07623
607107.8	4201168.22	34343.70125	0.0825	0.08444
607127.8	4201168.22	33356.85534	0.09178	0.09399
607147.8	4201168.22	32409.50516	0.10274	0.10538
607167.8	4201168.22	31500.5572	0.11568	0.11903
607187.8	4201168.22	30628.30469	0.13111	0.13558
607207.8	4201168.22	29792.93179	0.14946	0.15569
607227.8	4201168.22	28991.71699	0.17198	0.181
607247.8	4201168.22	28223.87417	0.20006	0.21369
607267.8	4201168.22	27487.81676	0.23573	0.25693
607287.8	4201168.22	26781.9351	0.28237	0.3151
607307.8	4201168.22	26104.15436	0.3424	0.39319
606527.8	4201188.22	70486.67085	0.01542	0.01569
606547.8	4201188.22	69379.76204	0.0159	0.01618
606567.8	4201188.22	68262.26623	0.01642	0.01672
606587.8	4201188.22	67116.5484	0.01697	0.01729
606607.8	4201188.22	65961.72555	0.01755	0.01788
606627.8	4201188.22	64763.83955	0.01817	0.01852
606647.8	4201188.22	63529.95045	0.01886	0.01922
606667.8	4201188.22	62246.32126	0.0196	0.01998
606687.8	4201188.22	60908.58077	0.02042	0.02082
606707.8	4201188.22	59521.86948	0.0213	0.02171
606727.8	4201188.22	58095.85402	0.02224	0.02268
606747.8	4201188.22	56638.04506	0.02323	0.02369
606767.8	4201188.22	55161.39588	0.02429	0.02478
606787.8	4201188.22	53672.50312	0.02544	0.02595
606807.8	4201188.22	52182.65623	0.02669	0.02723
606827.8	4201188.22	50705.71328	0.02803	0.0286
606847.8	4201188.22	49246.31479	0.02953	0.03012
606867.8	4201188.22	47815.03118	0.0312	0.03182
606887.8	4201188.22	46410.88336	0.03366	0.03428
606907.8	4201188.22	45046.00424	0.03586	0.03657
606927.8	4201188.22	43721.98164	0.03818	0.039
606947.8	4201188.22	42437.13792	0.0407	0.04156
606967.8	4201188.22	41194.68725	0.04346	0.04438
606987.8	4201188.22	39992.56034	0.04657	0.04754
607007.8	4201188.22	38830.92682	0.05009	0.05112
607027.8	4201188.22	37707.06964	0.05415	0.0552
607047.8	4201188.22	36621.85026	0.05882	0.05991
607067.8	4201188.22	35576.75309	0.06417	0.06531
607087.8	4201188.22	34569.00065	0.07038	0.0716

607107.8	4201188.22	33597.55398	0.07761	0.07895
607127.8	4201188.22	32662.97048	0.0859	0.08748
607147.8	4201188.22	31761.21465	0.09564	0.09764
607167.8	4201188.22	30894.12683	0.10686	0.10955
607187.8	4201188.22	30061.28311	0.11975	0.12353
607207.8	4201188.22	29261.09104	0.13473	0.1402
607227.8	4201188.22	28492.03289	0.15241	0.1605
607247.8	4201188.22	27754.05043	0.17329	0.18523
607267.8	4201188.22	27045.44724	0.19864	0.21573
607287.8	4201188.22	26363.91913	0.23124	0.25489
607307.8	4201188.22	25708.95699	0.27233	0.30614
606527.8	4201208.22	66899.30271	0.01487	0.01511
606547.8	4201208.22	65863.11821	0.01534	0.01559
606567.8	4201208.22	64822.58384	0.01583	0.01609
606587.8	4201208.22	63757.4179	0.01635	0.01663
606607.8	4201208.22	62682.8944	0.01691	0.0172
606627.8	4201208.22	61572.81285	0.01751	0.01781
606647.8	4201208.22	60438.06775	0.01817	0.01848
606667.8	4201208.22	59257.08042	0.0189	0.01923
606687.8	4201208.22	58040.95178	0.01967	0.02001
606707.8	4201208.22	56787.57189	0.02048	0.02083
606727.8	4201208.22	55491.84912	0.02138	0.02175
606747.8	4201208.22	54172.99553	0.02232	0.02271
606767.8	4201208.22	52828.86909	0.02335	0.02376
606787.8	4201208.22	51475.02324	0.02446	0.02488
606807.8	4201208.22	50113.17756	0.02569	0.02613
606827.8	4201208.22	48759.79381	0.02702	0.02748
606847.8	4201208.22	47420.30381	0.02872	0.02899
606867.8	4201208.22	46106.56685	0.03047	0.03088
606887.8	4201208.22	44817.58965	0.03236	0.03285
606907.8	4201208.22	43555.73187	0.03443	0.03503
606927.8	4201208.22	42327.60955	0.03663	0.03728
606947.8	4201208.22	41136.78968	0.03898	0.03966
606967.8	4201208.22	39981.13677	0.0416	0.04231
606987.8	4201208.22	38860.743	0.04455	0.04528
607007.8	4201208.22	37776.10999	0.0479	0.04864
607027.8	4201208.22	36722.48929	0.0518	0.05254
607047.8	4201208.22	35706.98688	0.05617	0.05692
607067.8	4201208.22	34724.24897	0.06122	0.062
607087.8	4201208.22	33774.1134	0.06703	0.06787
607107.8	4201208.22	32859.4415	0.07353	0.07449
607127.8	4201208.22	31974.44058	0.08099	0.08222
607147.8	4201208.22	31120.52495	0.08942	0.09109
607167.8	4201208.22	30296.53512	0.09893	0.10131
607187.8	4201208.22	29501.93939	0.10964	0.11314
607207.8	4201208.22	28735.17984	0.12191	0.12708
607227.8	4201208.22	27998.71049	0.13558	0.14307

607247.8	4201208.22	27289.3693	0.15153	0.16192
607267.8	4201208.22	26608.86148	0.17012	0.18364
607287.8	4201208.22	25951.20829	0.1944	0.21185
607307.8	4201208.22	25318.75465	0.22396	0.24764
606527.8	4201228.22	63630.31668	0.01437	0.01459
606547.8	4201228.22	62663.3302	0.01482	0.01505
606567.8	4201228.22	61688.25015	0.0153	0.01554
606587.8	4201228.22	60698.33136	0.01579	0.01603
606607.8	4201228.22	59694.56575	0.01634	0.01659
606627.8	4201228.22	58664.37526	0.01692	0.01718
606647.8	4201228.22	57612.07841	0.01757	0.01784
606667.8	4201228.22	56527.79625	0.01826	0.01855
606687.8	4201228.22	55415.99757	0.01898	0.01928
606707.8	4201228.22	54271.74434	0.01975	0.02006
606727.8	4201228.22	53093.59797	0.0206	0.02092
606747.8	4201228.22	51889.18128	0.02153	0.02186
606767.8	4201228.22	50663.1852	0.02253	0.02287
606787.8	4201228.22	49425.13884	0.02362	0.02397
606807.8	4201228.22	48178.97448	0.02482	0.02518
606827.8	4201228.22	46937.65273	0.02611	0.02648
606847.8	4201228.22	45707.69694	0.02786	0.02795
606867.8	4201228.22	44493.17222	0.02958	0.02998
606887.8	4201228.22	43296.56907	0.03146	0.0319
606907.8	4201228.22	42137.43891	0.03322	0.03368
606927.8	4201228.22	41000.31392	0.03523	0.03574
606947.8	4201228.22	39890.87675	0.03749	0.03801
606967.8	4201228.22	38812.01945	0.04003	0.04056
606987.8	4201228.22	37766.99298	0.04285	0.04338
607007.8	4201228.22	36750.84139	0.04609	0.0466
607027.8	4201228.22	35762.91405	0.04983	0.05033
607047.8	4201228.22	34810.9962	0.05397	0.05447
607067.8	4201228.22	33888.34348	0.0587	0.05922
607087.8	4201228.22	32994.92108	0.06404	0.06462
607107.8	4201228.22	32132.09283	0.06994	0.07068
607127.8	4201228.22	31294.32096	0.07662	0.07767
607147.8	4201228.22	30487.25819	0.08381	0.08535
607167.8	4201228.22	29702.56869	0.09196	0.09429
607187.8	4201228.22	28945.99577	0.10075	0.10423
607207.8	4201228.22	28214.13429	0.11053	0.11556
607227.8	4201228.22	27509.56449	0.1212	0.12807
607247.8	4201228.22	26828.78729	0.13378	0.14256
607267.8	4201228.22	26174.0183	0.14861	0.15933
607287.8	4201228.22	25542.6279	0.16682	0.18007
607307.8	4201228.22	24932.68364	0.18887	0.2063
606527.8	4201248.22	60639.91143	0.01391	0.01411
606547.8	4201248.22	59733.99603	0.01435	0.01456
606567.8	4201248.22	58820.23509	0.01483	0.01503

606587.8	4201248.22	57892.78291	0.01531	0.01553
606607.8	4201248.22	56959.06843	0.01583	0.01605
606627.8	4201248.22	55996.2203	0.01641	0.01664
606647.8	4201248.22	55021.18315	0.01703	0.01727
606667.8	4201248.22	54025.33772	0.01767	0.01792
606687.8	4201248.22	53002.94841	0.01836	0.01861
606707.8	4201248.22	51947.12464	0.01914	0.0194
606727.8	4201248.22	50869.84039	0.01995	0.02022
606747.8	4201248.22	49768.68817	0.02084	0.02112
606767.8	4201248.22	48644.2752	0.02183	0.02212
606787.8	4201248.22	47514.24511	0.02286	0.02315
606807.8	4201248.22	46368.97177	0.02405	0.02434
606827.8	4201248.22	45228.00435	0.0253	0.0256
606847.8	4201248.22	44093.83007	0.02709	0.02731
606867.8	4201248.22	42974.28077	0.02865	0.02895
606887.8	4201248.22	41868.09205	0.03038	0.03073
606907.8	4201248.22	40785.38232	0.03215	0.03254
606927.8	4201248.22	39726.07358	0.0341	0.0345
606947.8	4201248.22	38696.72389	0.03623	0.03661
606967.8	4201248.22	37692.12357	0.03863	0.039
606987.8	4201248.22	36713.90946	0.04136	0.04172
607007.8	4201248.22	35759.22588	0.04453	0.04486
607027.8	4201248.22	34832.42907	0.04812	0.04843
607047.8	4201248.22	33937.47303	0.05208	0.05239
607067.8	4201248.22	33071.32487	0.05646	0.0568
607087.8	4201248.22	32229.44014	0.06138	0.06182
607107.8	4201248.22	31414.85787	0.06672	0.06737
607127.8	4201248.22	30623.2185	0.07259	0.07361
607147.8	4201248.22	29856.52695	0.07889	0.08047
607167.8	4201248.22	29114.66282	0.08552	0.08793
607187.8	4201248.22	28394.82085	0.09266	0.09618
607207.8	4201248.22	27697.66138	0.10041	0.10522
607227.8	4201248.22	27024.4462	0.10894	0.11503
607247.8	4201248.22	26373.7891	0.11891	0.12616
607267.8	4201248.22	25743.61222	0.13127	0.13982
607287.8	4201248.22	25136.98998	0.14564	0.156
607307.8	4201248.22	24549.94405	0.16239	0.17574
606527.8	4201268.22	57888.05394	0.0135	0.01367
606547.8	4201268.22	57040.30246	0.01393	0.01411
606567.8	4201268.22	56185.07133	0.01439	0.01457
606587.8	4201268.22	55315.89912	0.01487	0.01506
606607.8	4201268.22	54439.20148	0.01539	0.01559
606627.8	4201268.22	53545.49811	0.01594	0.01614
606647.8	4201268.22	52640.41397	0.01653	0.01674
606667.8	4201268.22	51717.13405	0.01715	0.01737
606687.8	4201268.22	50765.48468	0.01786	0.01808
606707.8	4201268.22	49797.21152	0.0186	0.01882

606727.8	4201268.22	48802.4997	0.01941	0.01964
606747.8	4201268.22	47787.54965	0.02031	0.02054
606767.8	4201268.22	46766.39471	0.0212	0.02143
606787.8	4201268.22	45727.19952	0.0222	0.02244
606807.8	4201268.22	44675.18356	0.02334	0.02358
606827.8	4201268.22	43623.51489	0.02456	0.0248
606847.8	4201268.22	42575.86953	0.02623	0.02637
606867.8	4201268.22	41537.66857	0.0278	0.02803
606887.8	4201268.22	40512.06391	0.02944	0.02972
606907.8	4201268.22	39504.88463	0.03115	0.03145
606927.8	4201268.22	38518.29685	0.03304	0.03332
606947.8	4201268.22	37554.2457	0.03513	0.03539
606967.8	4201268.22	36614.11027	0.03747	0.03771
606987.8	4201268.22	35697.2852	0.04013	0.04034
607007.8	4201268.22	34800.31664	0.0432	0.04338
607027.8	4201268.22	33930.08316	0.04663	0.0468
607047.8	4201268.22	33089.72181	0.05034	0.05052
607067.8	4201268.22	32271.60541	0.05448	0.05473
607087.8	4201268.22	31480.43791	0.05889	0.05929
607107.8	4201268.22	30711.78514	0.06363	0.0643
607127.8	4201268.22	29962.48147	0.06877	0.06987
607147.8	4201268.22	29232.61732	0.07429	0.07602
607167.8	4201268.22	28531.80552	0.0796	0.08214
607187.8	4201268.22	27849.15478	0.08527	0.08876
607207.8	4201268.22	27184.45247	0.09163	0.09608
607227.8	4201268.22	26540.85957	0.09881	0.10408
607247.8	4201268.22	25919.76289	0.10703	0.11301
607267.8	4201268.22	25315.65215	0.11727	0.12423
607287.8	4201268.22	24733.56025	0.12866	0.13714
607307.8	4201268.22	24171.1412	0.1417	0.15214
606527.8	4201288.22	55346.23773	0.0131	0.01326
606547.8	4201288.22	54552.52443	0.01354	0.0137
606567.8	4201288.22	53749.8736	0.014	0.01417
606587.8	4201288.22	52931.30649	0.0145	0.01467
606607.8	4201288.22	52109.44856	0.01502	0.0152
606627.8	4201288.22	51275.79033	0.01556	0.01573
606647.8	4201288.22	50434.76436	0.01612	0.0163
606667.8	4201288.22	49574.09535	0.01675	0.01693
606687.8	4201288.22	48695.81118	0.01742	0.0176
606707.8	4201288.22	47794.60205	0.01817	0.01835
606727.8	4201288.22	46882.85942	0.01893	0.01912
606747.8	4201288.22	45948.93938	0.01979	0.01997
606767.8	4201288.22	45005.34021	0.02069	0.02087
606787.8	4201288.22	44049.95446	0.02165	0.02183
606807.8	4201288.22	43085.03792	0.02272	0.0229
606827.8	4201288.22	42113.93921	0.0239	0.02408
606847.8	4201288.22	41142.05591	0.02551	0.02543

606867.8	4201288.22	40180.32147	0.027	0.02717
606887.8	4201288.22	39227.73622	0.02857	0.02877
606907.8	4201288.22	38286.92351	0.03027	0.03048
606927.8	4201288.22	37363.82174	0.03213	0.03232
606947.8	4201288.22	36460.18446	0.0342	0.03435
606967.8	4201288.22	35579.70799	0.03648	0.03661
606987.8	4201288.22	34718.30434	0.03907	0.03916
607007.8	4201288.22	33875.47815	0.04203	0.04209
607027.8	4201288.22	33057.65396	0.04527	0.04534
607047.8	4201288.22	32266.45464	0.04874	0.04886
607067.8	4201288.22	31496.07397	0.05252	0.05275
607087.8	4201288.22	30747.41327	0.05654	0.05698
607107.8	4201288.22	30021.40233	0.0607	0.06146
607127.8	4201288.22	29310.07201	0.0652	0.06644
607147.8	4201288.22	28618.72322	0.06983	0.07172
607167.8	4201288.22	27951.60524	0.07433	0.07696
607187.8	4201288.22	27305.65772	0.07884	0.0822
607207.8	4201288.22	26674.92318	0.08401	0.088
607227.8	4201288.22	26059.69848	0.09031	0.0948
607247.8	4201288.22	25465.75789	0.09736	0.10242
607267.8	4201288.22	24891.09916	0.10543	0.11128
607287.8	4201288.22	24332.79017	0.11476	0.12172
607307.8	4201288.22	23792.69769	0.12528	0.13368
606527.8	4201308.22	52989.82844	0.01275	0.0129
606547.8	4201308.22	52246.56561	0.01319	0.01333
606567.8	4201308.22	51488.57357	0.01367	0.01382
606587.8	4201308.22	50718.59762	0.01419	0.01434
606607.8	4201308.22	49952.50461	0.01469	0.01484
606627.8	4201308.22	49166.76446	0.01525	0.0154
606647.8	4201308.22	48380.16182	0.01582	0.01597
606667.8	4201308.22	47583.14379	0.01641	0.01656
606687.8	4201308.22	46770.20399	0.01705	0.0172
606707.8	4201308.22	45938.79566	0.01776	0.01791
606727.8	4201308.22	45093.60996	0.01852	0.01866
606747.8	4201308.22	44227.5107	0.01937	0.01952
606767.8	4201308.22	43357.16402	0.02024	0.02038
606787.8	4201308.22	42475.98326	0.02118	0.02131
606807.8	4201308.22	41586.94965	0.02219	0.02232
606827.8	4201308.22	40686.54817	0.02335	0.02347
606847.8	4201308.22	39788.50074	0.02462	0.02473
606867.8	4201308.22	38892.56869	0.02633	0.02643
606887.8	4201308.22	38006.8643	0.02781	0.02794
606907.8	4201308.22	37129.25556	0.02949	0.02962
606927.8	4201308.22	36266.39123	0.03131	0.0314
606947.8	4201308.22	35416.60888	0.03336	0.03342
606967.8	4201308.22	34590.75302	0.03558	0.03561
606987.8	4201308.22	33776.91347	0.03814	0.03815

607007.8	4201308.22	32985.06689	0.04095	0.04094
607027.8	4201308.22	32215.39909	0.04399	0.04401
607047.8	4201308.22	31470.15759	0.04718	0.04728
607067.8	4201308.22	30741.38136	0.05063	0.0509
607087.8	4201308.22	30033.43263	0.05421	0.05474
607107.8	4201308.22	29341.43703	0.05798	0.05888
607127.8	4201308.22	28670.5142	0.06171	0.06311
607147.8	4201308.22	28014.78269	0.06559	0.06759
607167.8	4201308.22	27377.36643	0.06957	0.07219
607187.8	4201308.22	26764.64532	0.07334	0.07647
607207.8	4201308.22	26166.58742	0.07769	0.0812
607227.8	4201308.22	25581.48815	0.08284	0.08675
607247.8	4201308.22	25014.88569	0.08878	0.09309
607267.8	4201308.22	24466.15686	0.09557	0.10049
607287.8	4201308.22	23933.18899	0.10327	0.10905
607307.8	4201308.22	23416.1193	0.11189	0.11877
606527.8	4201328.22	50796.01254	0.01245	0.01257
606547.8	4201328.22	50096.57677	0.01289	0.01302
606567.8	4201328.22	49383.74664	0.01339	0.01352
606587.8	4201328.22	48653.39935	0.01394	0.01407
606607.8	4201328.22	47921.54507	0.01451	0.01464
606627.8	4201328.22	47187.4174	0.01506	0.01519
606647.8	4201328.22	46459.40334	0.0156	0.01572
606667.8	4201328.22	45720.32219	0.01617	0.01629
606687.8	4201328.22	44968.52934	0.01677	0.01689
606707.8	4201328.22	44207.13161	0.01741	0.01752
606727.8	4201328.22	43422.24791	0.01816	0.01826
606747.8	4201328.22	42623.25466	0.01897	0.01907
606767.8	4201328.22	41810.0245	0.01987	0.01997
606787.8	4201328.22	40991.04889	0.0208	0.02089
606807.8	4201328.22	40168.72803	0.02179	0.02187
606827.8	4201328.22	39338.3968	0.02288	0.02295
606847.8	4201328.22	38504.28695	0.02411	0.02417
606867.8	4201328.22	37671.9849	0.02571	0.02574
606887.8	4201328.22	36843.9159	0.0272	0.02727
606907.8	4201328.22	36026.34236	0.02883	0.02886
606927.8	4201328.22	35218.30183	0.03061	0.03061
606947.8	4201328.22	34422.36825	0.0326	0.03258
606967.8	4201328.22	33641.97697	0.0348	0.03475
606987.8	4201328.22	32879.16098	0.03721	0.03716
607007.8	4201328.22	32131.5553	0.03988	0.03984
607027.8	4201328.22	31402.51103	0.04275	0.04277
607047.8	4201328.22	30700.42439	0.04563	0.04577
607067.8	4201328.22	30011.2404	0.04871	0.04906
607087.8	4201328.22	29336.34107	0.05195	0.0526
607107.8	4201328.22	28680.65049	0.05518	0.05623
607127.8	4201328.22	28039.0498	0.05852	0.06006

607147.8	4201328.22	27414.45181	0.06182	0.06393
607167.8	4201328.22	26808.06443	0.06493	0.06751
607187.8	4201328.22	26227.34356	0.06815	0.07106
607207.8	4201328.22	25662.1753	0.07184	0.07496
607227.8	4201328.22	25107.33104	0.07625	0.07957
607247.8	4201328.22	24568.05127	0.08136	0.08502
607267.8	4201328.22	24043.62376	0.08714	0.09133
607287.8	4201328.22	23536.9656	0.0936	0.09844
607307.8	4201328.22	23041.53433	0.10081	0.1065
606527.8	4201348.22	48745.46806	0.01219	0.0123
606547.8	4201348.22	48079.83078	0.01269	0.0128
606567.8	4201348.22	47396.21519	0.01325	0.01336
606587.8	4201348.22	46707.73727	0.01381	0.01392
606607.8	4201348.22	46020.01089	0.01438	0.01449
606627.8	4201348.22	45336.98364	0.01492	0.01502
606647.8	4201348.22	44659.49262	0.01544	0.01555
606667.8	4201348.22	43972.79474	0.016	0.0161
606687.8	4201348.22	43274.13587	0.0166	0.01669
606707.8	4201348.22	42571.4451	0.0172	0.01728
606727.8	4201348.22	41853.33624	0.01787	0.01794
606747.8	4201348.22	41118.90725	0.01861	0.01868
606767.8	4201348.22	40361.91255	0.0195	0.01957
606787.8	4201348.22	39598.64987	0.02044	0.02049
606807.8	4201348.22	38825.84019	0.02149	0.02153
606827.8	4201348.22	38058.33762	0.02253	0.02256
606847.8	4201348.22	37286.46124	0.02384	0.02371
606867.8	4201348.22	36510.95075	0.02522	0.02522
606887.8	4201348.22	35738.63722	0.02666	0.02666
606907.8	4201348.22	34974.31527	0.02825	0.02822
606927.8	4201348.22	34217.31613	0.03	0.02994
606947.8	4201348.22	33471.6389	0.03192	0.03183
606967.8	4201348.22	32737.73717	0.03403	0.03394
606987.8	4201348.22	32020.59492	0.0363	0.03622
607007.8	4201348.22	31316.3862	0.03876	0.03873
607027.8	4201348.22	30620.72517	0.04148	0.04154
607047.8	4201348.22	29952.24241	0.04414	0.04437
607067.8	4201348.22	29293.14334	0.04699	0.04746
607087.8	4201348.22	28653.00413	0.04982	0.05061
607107.8	4201348.22	28029.70572	0.05263	0.05382
607127.8	4201348.22	27417.79748	0.05542	0.05709
607147.8	4201348.22	26826.72893	0.05793	0.06
607167.8	4201348.22	26253.02684	0.06049	0.06286
607187.8	4201348.22	25699.15186	0.06332	0.06588
607207.8	4201348.22	25163.58873	0.0666	0.06928
607227.8	4201348.22	24638.32752	0.07048	0.07331
607247.8	4201348.22	24124.44732	0.07492	0.07805
607267.8	4201348.22	23625.52907	0.07989	0.08345

607287.8	4201348.22	23143.01113	0.08538	0.08949
607307.8	4201348.22	22669.62098	0.09148	0.09625
606527.8	4201368.22	46806.8626	0.01208	0.01217
606547.8	4201368.22	46159.07142	0.01266	0.01275
606567.8	4201368.22	45517.0695	0.0132	0.01329
606587.8	4201368.22	44881.29011	0.01372	0.01381
606607.8	4201368.22	44244.57904	0.01451	0.01458
606627.8	4201368.22	43597.18462	0.01517	0.01528
606647.8	4201368.22	42959.21445	0.01573	0.01584
606667.8	4201368.22	42323.52387	0.01626	0.01636
606687.8	4201368.22	41680.35128	0.01678	0.01687
606707.8	4201368.22	41027.9057	0.01732	0.01735
606727.8	4201368.22	40372.75052	0.01766	0.01771
606747.8	4201368.22	39698.94449	0.01834	0.01838
606767.8	4201368.22	39000.19335	0.01917	0.0192
606787.8	4201368.22	38283.94232	0.02013	0.02015
606807.8	4201368.22	37564.51594	0.02135	0.02131
606827.8	4201368.22	36847.07521	0.02241	0.02241
606847.8	4201368.22	36123.9375	0.02359	0.02359
606867.8	4201368.22	35401.64473	0.02486	0.02485
606887.8	4201368.22	34679.84289	0.02629	0.02624
606907.8	4201368.22	33964.35959	0.02782	0.02774
606927.8	4201368.22	33255.86213	0.02951	0.02941
606947.8	4201368.22	32556.66661	0.03135	0.03123
606967.8	4201368.22	31872.00274	0.0333	0.03319
606987.8	4201368.22	31193.57582	0.03545	0.03537
607007.8	4201368.22	30530.7043	0.03768	0.03768
607027.8	4201368.22	29866.24386	0.04022	0.04035
607047.8	4201368.22	29224.35174	0.04271	0.04305
607067.8	4201368.22	28590.75229	0.04538	0.04598
607087.8	4201368.22	27978.88175	0.04793	0.04888
607107.8	4201368.22	27391.62556	0.0501	0.05142
607127.8	4201368.22	26817.4341	0.05219	0.05385
607147.8	4201368.22	26254.86154	0.05427	0.05622
607167.8	4201368.22	25708.0522	0.05649	0.05862
607187.8	4201368.22	25177.79435	0.05901	0.06122
607207.8	4201368.22	24667.9267	0.06198	0.06426
607227.8	4201368.22	24171.89747	0.06542	0.06785
607247.8	4201368.22	23684.88198	0.06931	0.07201
607267.8	4201368.22	23208.84965	0.07362	0.07669
607287.8	4201368.22	22749.77734	0.07836	0.08185
607307.8	4201368.22	22299.93277	0.08355	0.08758
606527.8	4201388.22	44905.84436	0.01228	0.01236
606547.8	4201388.22	44308.17224	0.01311	0.01319
606567.8	4201388.22	43722.34305	0.01359	0.01368
606587.8	4201388.22	43150.2049	0.01403	0.01412
606607.8	4201388.22	42574.57011	0.01448	0.01458

606627.8	4201388.22	41982.4011	0.01499	0.01509
606647.8	4201388.22	41385.16721	0.01553	0.01562
606667.8	4201388.22	40781.24907	0.01609	0.0162
606687.8	4201388.22	40176.25416	0.01667	0.01677
606707.8	4201388.22	39568.22589	0.01727	0.01736
606727.8	4201388.22	38961.069	0.01787	0.01794
606747.8	4201388.22	38354.49423	0.01814	0.01816
606767.8	4201388.22	37710.24313	0.01891	0.01892
606787.8	4201388.22	37040.25929	0.02004	0.0199
606807.8	4201388.22	36373.51082	0.02103	0.021
606827.8	4201388.22	35700.69653	0.0221	0.02209
606847.8	4201388.22	35022.43257	0.02329	0.02326
606867.8	4201388.22	34342.79083	0.02458	0.02452
606887.8	4201388.22	33667.06235	0.02596	0.02588
606907.8	4201388.22	32995.37767	0.02747	0.02737
606927.8	4201388.22	32332.12934	0.0291	0.02897
606947.8	4201388.22	31677.54407	0.03084	0.03071
606967.8	4201388.22	31033.77365	0.03267	0.03257
606987.8	4201388.22	30398.78257	0.0346	0.03456
607007.8	4201388.22	29768.6049	0.03667	0.03673
607027.8	4201388.22	29119.64102	0.03919	0.03943
607047.8	4201388.22	28505.89905	0.0415	0.04196
607067.8	4201388.22	27904.14758	0.04377	0.04453
607087.8	4201388.22	27327.15088	0.04567	0.04673
607107.8	4201388.22	26771.39191	0.04744	0.04879
607127.8	4201388.22	26228.71242	0.04915	0.05076
607147.8	4201388.22	25695.96744	0.05092	0.05271
607167.8	4201388.22	25175.98132	0.05288	0.05476
607187.8	4201388.22	24670.40666	0.05517	0.05708
607207.8	4201388.22	24178.48168	0.05789	0.05984
607227.8	4201388.22	23708.88996	0.06096	0.06305
607247.8	4201388.22	23246.0998	0.06439	0.06673
607267.8	4201388.22	22796.97408	0.06816	0.07081
607287.8	4201388.22	22362.28175	0.07226	0.07528
607307.8	4201388.22	21932.03458	0.07677	0.08021
606527.8	4201408.22	43104.85212	0.01272	0.01282
606547.8	4201408.22	42596.25843	0.01308	0.01317
606567.8	4201408.22	42082.10854	0.01345	0.01355
606587.8	4201408.22	41562.44226	0.01383	0.01393
606607.8	4201408.22	41021.71584	0.01428	0.01438
606627.8	4201408.22	40464.78436	0.0148	0.01489
606647.8	4201408.22	39899.7169	0.01534	0.01543
606667.8	4201408.22	39343.87976	0.01588	0.01596
606687.8	4201408.22	38784.69552	0.01644	0.01651
606707.8	4201408.22	38211.13456	0.01705	0.01712
606727.8	4201408.22	37633.59431	0.01769	0.01776
606747.8	4201408.22	37057.94694	0.01835	0.01839

606767.8	4201408.22	36480.56682	0.01893	0.01889
606787.8	4201408.22	35858.07393	0.01987	0.01988
606807.8	4201408.22	35249.0269	0.0207	0.02063
606827.8	4201408.22	34613.20279	0.02182	0.02178
606847.8	4201408.22	33977.74878	0.023	0.02293
606867.8	4201408.22	33341.22161	0.02426	0.02417
606887.8	4201408.22	32704.9296	0.02565	0.02553
606907.8	4201408.22	32074.13876	0.02712	0.02699
606927.8	4201408.22	31437.03862	0.0288	0.02866
606947.8	4201408.22	30820.96434	0.03046	0.03034
606967.8	4201408.22	30213.06765	0.03218	0.03212
606987.8	4201408.22	29611.88397	0.03398	0.034
607007.8	4201408.22	28990.13726	0.03614	0.0363
607027.8	4201408.22	28362.21095	0.03848	0.03886
607047.8	4201408.22	27787.53226	0.04024	0.04083
607067.8	4201408.22	27230.28033	0.04189	0.04273
607087.8	4201408.22	26688.06309	0.04342	0.04452
607107.8	4201408.22	26163.65771	0.04488	0.04621
607127.8	4201408.22	25652.87993	0.04632	0.04783
607147.8	4201408.22	25149.9273	0.04788	0.04948
607167.8	4201408.22	24657.5603	0.04966	0.05129
607187.8	4201408.22	24175.83985	0.05178	0.05341
607207.8	4201408.22	23706.42351	0.05424	0.05592
607227.8	4201408.22	23252.09612	0.05702	0.05884
607247.8	4201408.22	22813.56255	0.06009	0.06213
607267.8	4201408.22	22394.08813	0.06334	0.06566
607287.8	4201408.22	21980.04377	0.06695	0.06955
607307.8	4201408.22	21569.25027	0.07088	0.07385
606533.18	4201421.18	41917.38214	0.01273	0.01283
606553.18	4201421.18	41453.99134	0.01303	0.01311
606573.18	4201421.18	40957.03408	0.01341	0.01349
606593.18	4201421.18	40457.026	0.01379	0.01388
606613.18	4201421.18	39940.29084	0.01425	0.01433
606633.18	4201421.18	39395.72478	0.01479	0.01486
606653.18	4201421.18	38838.25991	0.01537	0.01546
606673.18	4201421.18	38298.64322	0.01593	0.01601
606693.18	4201421.18	37769.76458	0.01647	0.01654
606713.18	4201421.18	37220.98016	0.0171	0.01715
606727.8	4201423.25	36689.70065	0.01755	0.01759
606747.8	4201423.25	36138.45658	0.01822	0.01826
606767.8	4201423.25	35584.5705	0.01892	0.01893
606787.8	4201423.25	35009.7942	0.01974	0.01973
606807.8	4201423.25	34441.85711	0.02048	0.02032
606827.8	4201428.22	33590.78959	0.02149	0.0214
606847.8	4201428.22	32988.7221	0.02271	0.02261
606867.8	4201428.22	32392.10993	0.02395	0.02383
606887.8	4201428.22	31793.54394	0.02531	0.02518

606907.8	4201428.22	31172.69392	0.02693	0.0268
606927.8	4201428.22	30537.04321	0.02881	0.0287
606947.8	4201428.22	29937.84007	0.03058	0.03051
606967.8	4201428.22	29356.74326	0.03225	0.03228
606987.8	4201428.22	28773.05427	0.03394	0.03408
607007.8	4201428.22	28186.46577	0.03559	0.03587
607027.8	4201428.22	27619.9436	0.03712	0.03757
607047.8	4201428.22	27087.83909	0.03857	0.03923
607067.8	4201428.22	26576.32892	0.03993	0.04082
607087.8	4201428.22	26070.86382	0.0412	0.0423
607107.8	4201428.22	25575.00896	0.04243	0.0437
607127.8	4201428.22	25092.66277	0.04371	0.04508
607147.8	4201428.22	24619.51312	0.04512	0.04654
607167.8	4201428.22	24152.44104	0.04678	0.04819
607187.8	4201428.22	23692.03151	0.04872	0.05013
607207.8	4201428.22	23244.33081	0.05095	0.05242
607227.8	4201428.22	22809.60038	0.05345	0.05505
607247.8	4201428.22	22395.87696	0.0562	0.058
607267.8	4201428.22	22003.02639	0.05906	0.0611
607287.8	4201428.22	21602.6431	0.06228	0.06454
607307.8	4201428.22	21211.20141	0.06574	0.06832
606357.31	4200991.9	164326.6741	0.01936	0.01997
606373.3	4200990.76	163923.3575	0.01998	0.02061
606393.3	4200990.76	161959.5082	0.02064	0.02131
606413.3	4200990.76	159485.0526	0.02134	0.02204
606433.3	4200990.76	156504.9214	0.0221	0.02283
606453.3	4200990.76	153170.2675	0.02291	0.02369
606473.3	4200990.76	149741.2361	0.02378	0.02461
606493.3	4200990.76	146453.9598	0.02466	0.02555
606513.3	4200990.76	143553.6835	0.02566	0.02654
606355.59	4201005.6	153451.2372	0.01844	0.01901
606375.59	4201005.6	151781.5209	0.01908	0.01968
606393.3	4201010.76	146364.1917	0.01933	0.01994
606413.3	4201010.76	144206.3253	0.02	0.02065
606433.3	4201010.76	141720.0644	0.02073	0.0214
606453.3	4201010.76	139017.1707	0.02148	0.0222
606473.3	4201010.76	136202.128	0.02229	0.02305
606493.3	4201010.76	133480.254	0.02312	0.02392
606513.3	4201010.76	130960.5585	0.02397	0.02482
606320.15	4201003.05	158124.317	0.01742	0.01794
606340.15	4201003.05	156664.0645	0.01806	0.01861
606047.14	4201061.24	185830.2051	0.01065	0.01085
606067.14	4201061.24	182774.1723	0.01086	0.01107
606087.14	4201061.24	175830.86	0.0111	0.01131
606107.14	4201061.24	167573.4324	0.01133	0.01156
606127.14	4201061.24	159453.2167	0.01157	0.0118
606147.14	4201061.24	152288.6176	0.01182	0.01207

606167.14	4201061.24	146420.0769	0.01212	0.01237
606187.14	4201061.24	141222.0466	0.01242	0.01269
606207.14	4201061.24	136881.5232	0.01275	0.01303
606227.14	4201061.24	133292.2973	0.01306	0.01335
606247.14	4201061.24	130316.8316	0.01341	0.01372
606267.14	4201061.24	127855.1427	0.01377	0.01409
606287.14	4201061.24	125784.3819	0.01416	0.0145
606307.14	4201061.24	124003.031	0.01457	0.01493
605987.14	4201081.24	163276.2759	0.00966	0.00981
606007.14	4201081.24	161504.336	0.00984	0.01
606027.14	4201081.24	161951.7226	0.01005	0.01022
606047.14	4201081.24	161996.6124	0.01025	0.01043
606067.14	4201081.24	159810.6215	0.01045	0.01063
606087.14	4201081.24	155686.4904	0.01067	0.01085
606107.14	4201081.24	150560.1547	0.01089	0.01109
606127.14	4201081.24	144937.235	0.01111	0.01132
606147.14	4201081.24	139666.4912	0.01135	0.01156
606167.14	4201081.24	134981.6007	0.01161	0.01183
606187.14	4201081.24	131016.9751	0.01189	0.01213
606207.14	4201081.24	127298.7971	0.01219	0.01244
606227.14	4201081.24	124100.0083	0.01249	0.01275
606247.14	4201081.24	121363.3098	0.01282	0.01309
606267.14	4201081.24	119026.5593	0.01317	0.01345
606287.14	4201081.24	117022.7396	0.01351	0.01381
606307.14	4201081.24	115258.9977	0.0139	0.01421
605947.14	4201101.24	161549.8982	0.00903	0.00915
605967.14	4201101.24	156027.0844	0.00919	0.00932
605987.14	4201101.24	151487.9192	0.00934	0.00948
606007.14	4201101.24	148619.6353	0.00951	0.00965
606027.14	4201101.24	146982.7545	0.00969	0.00983
606047.14	4201101.24	145669.0937	0.00988	0.01003
606067.14	4201101.24	143434.5075	0.01006	0.01022
606087.14	4201101.24	140460.6531	0.01027	0.01043
606107.14	4201101.24	136744.3775	0.01047	0.01065
606127.14	4201101.24	132599.0594	0.01068	0.01086
606147.14	4201101.24	128532.1678	0.0109	0.01108
606167.14	4201101.24	124877.3071	0.01114	0.01134
606187.14	4201101.24	121556.9747	0.01141	0.01161
606207.14	4201101.24	118424.956	0.01166	0.01187
606227.14	4201101.24	115892.8939	0.01196	0.01218
606247.14	4201101.24	113412.9084	0.01227	0.01251
606267.14	4201101.24	111239.1192	0.01259	0.01284
606287.14	4201101.24	109326.5525	0.01293	0.01319
606307.14	4201101.24	107619.623	0.0133	0.01357
605927.14	4201121.24	155538.109	0.00857	0.00868
605947.14	4201121.24	150070.1057	0.00873	0.00885
605967.14	4201121.24	145173.5325	0.00889	0.00901

605987.14	4201121.24	141118.684	0.00905	0.00917
606007.14	4201121.24	137803.1568	0.0092	0.00932
606027.14	4201121.24	135380.8457	0.00936	0.00949
606047.14	4201121.24	133405.7217	0.00954	0.00967
606067.14	4201121.24	131122.1248	0.00971	0.00985
606087.14	4201121.24	128314.9214	0.00988	0.01002
606107.14	4201121.24	125347.7078	0.01007	0.01022
606127.14	4201121.24	122108.0166	0.01027	0.01043
606147.14	4201121.24	118832.211	0.01047	0.01063
606167.14	4201121.24	115837.322	0.0107	0.01087
606187.14	4201121.24	112991.1879	0.01094	0.01112
606207.14	4201121.24	110409.2962	0.01119	0.01138
606227.14	4201121.24	108167.2368	0.01146	0.01166
606247.14	4201121.24	106150.0896	0.01174	0.01195
606267.14	4201121.24	104287.737	0.01205	0.01227
606287.14	4201121.24	102496.6729	0.01239	0.01262
606307.14	4201121.24	100869.8531	0.01274	0.01298
605907.14	4201141.24	149463.5137	0.00814	0.00823
605927.14	4201141.24	144259.4409	0.00829	0.00839
605947.14	4201141.24	139434.4096	0.00844	0.00854
605967.14	4201141.24	135148.1138	0.0086	0.0087
605987.14	4201141.24	131420.8976	0.00875	0.00886
606007.14	4201141.24	128344.7675	0.0089	0.00902
606027.14	4201141.24	125698.4037	0.00905	0.00917
606047.14	4201141.24	123319.185	0.00921	0.00933
606067.14	4201141.24	121067.2082	0.00937	0.0095
606087.14	4201141.24	118467.0386	0.00952	0.00966
606107.14	4201141.24	115806.452	0.00969	0.00983
606127.14	4201141.24	113095.2378	0.00988	0.01002
606147.14	4201141.24	110311.3738	0.01006	0.01021
606167.14	4201141.24	107741.9328	0.01027	0.01042
606187.14	4201141.24	105261.5224	0.01048	0.01064
606207.14	4201141.24	103079.8795	0.01072	0.01089
606227.14	4201141.24	101053.9186	0.01097	0.01115
606247.14	4201141.24	99308.99912	0.01125	0.01144
606267.14	4201141.24	97789.37286	0.01155	0.01174
606287.14	4201141.24	96368.16756	0.01187	0.01208
606307.14	4201141.24	94841.92913	0.01221	0.01242
605907.14	4201161.24	138730.2315	0.00789	0.00798
605927.14	4201161.24	134258.5283	0.00804	0.00813
605947.14	4201161.24	130013.6079	0.00818	0.00827
605967.14	4201161.24	126202.6436	0.00833	0.00842
605987.14	4201161.24	122860.9122	0.00848	0.00858
606007.14	4201161.24	119918.3863	0.00862	0.00873
606027.14	4201161.24	117318.8868	0.00877	0.00888
606047.14	4201161.24	114945.2776	0.00892	0.00903
606067.14	4201161.24	112589.9898	0.00906	0.00917

606087.14	4201161.24	110253.6713	0.00921	0.00933
606107.14	4201161.24	107785.5078	0.00936	0.00948
606127.14	4201161.24	105363.3652	0.00952	0.00965
606147.14	4201161.24	102927.6317	0.00969	0.00982
606167.14	4201161.24	100648.2807	0.00987	0.01001
606187.14	4201161.24	98501.59303	0.01008	0.01022
606207.14	4201161.24	96586.6151	0.01031	0.01046
606227.14	4201161.24	94773.61852	0.01054	0.0107
606247.14	4201161.24	93164.83836	0.0108	0.01096
606267.14	4201161.24	91731.16123	0.01107	0.01125
606287.14	4201161.24	90500.08817	0.01138	0.01156
606307.14	4201161.24	89398.54661	0.01171	0.0119
605907.14	4201181.24	129096.5913	0.00767	0.00774
605927.14	4201181.24	125175.6681	0.00781	0.00789
605947.14	4201181.24	121468.4694	0.00794	0.00802
605967.14	4201181.24	118100.6602	0.00808	0.00817
605987.14	4201181.24	115072.0832	0.00822	0.00831
606007.14	4201181.24	112355.144	0.00836	0.00846
606027.14	4201181.24	109873.3478	0.0085	0.0086
606047.14	4201181.24	107593.2817	0.00865	0.00875
606067.14	4201181.24	105281.4382	0.00877	0.00888
606087.14	4201181.24	103046.7255	0.00891	0.00902
606107.14	4201181.24	100778.6975	0.00904	0.00915
606127.14	4201181.24	98587.79078	0.00919	0.00931
606147.14	4201181.24	96433.37102	0.00934	0.00947
606167.14	4201181.24	94402.38524	0.00952	0.00965
606187.14	4201181.24	92520.95955	0.00972	0.00985
606207.14	4201181.24	90748.89209	0.00992	0.01006
606227.14	4201181.24	89098.32454	0.01014	0.01028
606247.14	4201181.24	87616.8666	0.01037	0.01052
606267.14	4201181.24	86251.31025	0.01062	0.01078
606287.14	4201181.24	85069.46834	0.0109	0.01107
606307.14	4201181.24	84041.3047	0.01121	0.01139
605907.14	4201201.24	120391.1676	0.00745	0.00753
605927.14	4201201.24	116879.4916	0.00758	0.00765
605947.14	4201201.24	113646.2938	0.00771	0.00779
605967.14	4201201.24	110671.9537	0.00784	0.00792
605987.14	4201201.24	107974.4844	0.00798	0.00806
606007.14	4201201.24	105524.5922	0.00812	0.00821
606027.14	4201201.24	103268.666	0.00826	0.00835
606047.14	4201201.24	101078.1331	0.0084	0.00849
606067.14	4201201.24	98918.44148	0.00852	0.00862
606087.14	4201201.24	96734.40359	0.00863	0.00873
606107.14	4201201.24	94601.44793	0.00875	0.00885
606127.14	4201201.24	92551.70055	0.00888	0.00898
606147.14	4201201.24	90646.88001	0.00903	0.00914
606167.14	4201201.24	88823.8693	0.0092	0.00931

606187.14	4201201.24	87117.03739	0.00938	0.0095
606207.14	4201201.24	85517.21145	0.00957	0.0097
606227.14	4201201.24	84027.3692	0.00978	0.00991
606247.14	4201201.24	82628.10333	0.00999	0.01013
606267.14	4201201.24	81355.83422	0.01023	0.01037
606287.14	4201201.24	80167.50726	0.01047	0.01062
606307.14	4201201.24	79103.51088	0.01074	0.01089
605907.14	4201221.24	112468.086	0.00725	0.00732
605927.14	4201221.24	109397.6478	0.00737	0.00744
605947.14	4201221.24	106527.3088	0.00749	0.00756
605967.14	4201221.24	103831.506	0.00761	0.00769
605987.14	4201221.24	101395.6488	0.00774	0.00782
606007.14	4201221.24	99165.82451	0.00788	0.00796
606027.14	4201221.24	97156.42504	0.00803	0.00811
606047.14	4201221.24	95258.22226	0.00817	0.00826
606067.14	4201221.24	93309.07579	0.0083	0.00839
606087.14	4201221.24	91265.95027	0.00841	0.0085
606107.14	4201221.24	89117.79653	0.00849	0.00858
606127.14	4201221.24	87188.47706	0.0086	0.0087
606147.14	4201221.24	85446.20207	0.00874	0.00884
606167.14	4201221.24	83784.47496	0.00889	0.009
606187.14	4201221.24	82212.33578	0.00906	0.00917
606207.14	4201221.24	80737.17284	0.00924	0.00936
606227.14	4201221.24	79363.7373	0.00944	0.00956
606247.14	4201221.24	78085.41837	0.00964	0.00977
606267.14	4201221.24	76884.50498	0.00986	0.00999
606287.14	4201221.24	75735.98155	0.01008	0.01021
606307.14	4201221.24	74692.28755	0.01032	0.01046
605907.14	4201241.24	105187.7949	0.00705	0.00712
605927.14	4201241.24	102518.8236	0.00717	0.00723
605947.14	4201241.24	99983.4529	0.00729	0.00735
605967.14	4201241.24	97593.52642	0.0074	0.00747
605987.14	4201241.24	95352.87372	0.00752	0.00759
606007.14	4201241.24	93348.95243	0.00765	0.00773
606027.14	4201241.24	91481.99811	0.00779	0.00787
606047.14	4201241.24	89789.7872	0.00794	0.00802
606067.14	4201241.24	88157.55432	0.00809	0.00818
606087.14	4201241.24	86454.87082	0.00823	0.00831
606107.14	4201241.24	84458.00708	0.0083	0.00839
606127.14	4201241.24	82446.59962	0.00836	0.00846
606147.14	4201241.24	80826.52531	0.00849	0.00859
606167.14	4201241.24	79302.29338	0.00864	0.00874
606187.14	4201241.24	77837.66778	0.00879	0.00889
606207.14	4201241.24	76469.81187	0.00896	0.00907
606227.14	4201241.24	75159.07242	0.00913	0.00924
606247.14	4201241.24	73946.86072	0.00932	0.00943
606267.14	4201241.24	72801.14373	0.00951	0.00963

606287.14	4201241.24	71700.56169	0.00971	0.00984
606307.14	4201241.24	70669.71713	0.00992	0.01005
605907.14	4201261.24	96973.73978	0.00676	0.00682
605927.14	4201261.24	96035.30687	0.00696	0.00702
605947.14	4201261.24	93954.88962	0.00709	0.00715
605967.14	4201261.24	91820.6771	0.0072	0.00727
605987.14	4201261.24	89820.58208	0.00732	0.00738
606007.14	4201261.24	87958.3834	0.00744	0.00751
606027.14	4201261.24	86280.47116	0.00757	0.00765
606047.14	4201261.24	84723.02745	0.00772	0.00779
606067.14	4201261.24	83320.07317	0.00788	0.00796
606087.14	4201261.24	81978.68813	0.00805	0.00813
606107.14	4201261.24	80370.10727	0.00817	0.00825
606127.14	4201261.24	78374.00987	0.0082	0.00829
606147.14	4201261.24	76771.86963	0.0083	0.00839
606167.14	4201261.24	75240.19388	0.00841	0.00851
606187.14	4201261.24	73845.99749	0.00855	0.00864
606207.14	4201261.24	72561.53493	0.0087	0.0088
606227.14	4201261.24	71364.66259	0.00887	0.00897
606247.14	4201261.24	70228.19705	0.00904	0.00915
606267.14	4201261.24	69126.04812	0.00922	0.00933
606287.14	4201261.24	68069.86335	0.0094	0.00951
606307.14	4201261.24	67052.49261	0.00958	0.0097
605907.14	4201281.24	88096.2731	0.00632	0.00637
605927.14	4201281.24	87759.80216	0.00656	0.00662
605947.14	4201281.24	87191.96213	0.0068	0.00686
605967.14	4201281.24	86361.49579	0.00699	0.00705
605987.14	4201281.24	84702.81167	0.00712	0.00718
606007.14	4201281.24	83024.91974	0.00724	0.0073
606027.14	4201281.24	81458.80762	0.00736	0.00743
606047.14	4201281.24	80115.48151	0.00752	0.00759
606067.14	4201281.24	78903.89067	0.00769	0.00776
606087.14	4201281.24	77933.86576	0.00789	0.00797
606107.14	4201281.24	76799.58342	0.00807	0.00815
606127.14	4201281.24	75170.19736	0.00816	0.00825
606147.14	4201281.24	73484.50613	0.00823	0.00831
606167.14	4201281.24	71869.05974	0.00829	0.00838
606187.14	4201281.24	70395.17174	0.00838	0.00847
606207.14	4201281.24	69066.38505	0.00849	0.00858
606227.14	4201281.24	67902.13023	0.00863	0.00873
606247.14	4201281.24	66505.11661	0.00879	0.00889
606267.14	4201281.24	65470.70634	0.00895	0.00906
606287.14	4201281.24	64477.65381	0.00913	0.00923
606307.14	4201281.24	63529.08845	0.0093	0.00942
605907.14	4201301.24	77929.82806	0.00575	0.00579
605927.14	4201301.24	78669.8488	0.00602	0.00607
605947.14	4201301.24	79497.99272	0.00634	0.0064

605967.14	4201301.24	79429.33924	0.0066	0.00666
605987.14	4201301.24	78978.97177	0.00684	0.0069
606007.14	4201301.24	78360.24309	0.00703	0.0071
606027.14	4201301.24	77069.05184	0.00717	0.00724
606047.14	4201301.24	75758.21139	0.00731	0.00738
606067.14	4201301.24	74882.55054	0.00751	0.00759
606087.14	4201301.24	74233.76558	0.00776	0.00783
606107.14	4201301.24	73078.12963	0.00799	0.00807
606127.14	4201301.24	71833.96468	0.00812	0.0082
606147.14	4201301.24	70553.64922	0.00818	0.00826
606167.14	4201301.24	69077.87631	0.00826	0.00834
606187.14	4201301.24	67671.50186	0.00834	0.00843
606207.14	4201301.24	66341.59417	0.00843	0.00852
606227.14	4201301.24	65129.18687	0.00854	0.00863
606247.14	4201301.24	64021.96559	0.00867	0.00877
606267.14	4201301.24	63018.63948	0.00882	0.00892
606287.14	4201301.24	62053.02338	0.00897	0.00908
606307.14	4201301.24	61129.44804	0.00914	0.00924
605927.14	4201321.24	71112.52411	0.0056	0.00565
605947.14	4201321.24	71837.61044	0.00587	0.00592
605967.14	4201321.24	72241.9114	0.00612	0.00618
605987.14	4201321.24	72923.49996	0.00644	0.0065
606007.14	4201321.24	72972.30377	0.00672	0.00679
606027.14	4201321.24	72871.48144	0.00697	0.00704
606047.14	4201321.24	71810.60508	0.00712	0.00719
606067.14	4201321.24	70826.90693	0.00729	0.00736
606087.14	4201321.24	70384.31054	0.00756	0.00763
606107.14	4201321.24	69464.44407	0.00782	0.00789
606127.14	4201321.24	68306.60766	0.00799	0.00807
606147.14	4201321.24	67209.32242	0.0081	0.00818
606167.14	4201321.24	66140.86959	0.00823	0.00831
606187.14	4201321.24	65105.41797	0.00833	0.00841
606207.14	4201321.24	63989.80117	0.00842	0.00851
606227.14	4201321.24	62791.83114	0.00852	0.00861
606247.14	4201321.24	61700.01522	0.00864	0.00873
606267.14	4201321.24	60676.53553	0.00877	0.00887
606287.14	4201321.24	59737.21828	0.00892	0.00902
606307.14	4201321.24	58807.42707	0.00906	0.00916
605947.14	4201341.24	66869.66523	0.00562	0.00567
605967.14	4201341.24	66814.78377	0.00581	0.00586
605987.14	4201341.24	68042.17082	0.00616	0.00622
606007.14	4201341.24	68544.19553	0.00647	0.00653
606027.14	4201341.24	68297.79433	0.00671	0.00678
606047.14	4201341.24	68131.3916	0.00695	0.00701
606067.14	4201341.24	67379.22969	0.00714	0.00721
606087.14	4201341.24	66822.88391	0.00736	0.00744
606107.14	4201341.24	66112.76963	0.00763	0.0077

606127.14	4201341.24	65030.77065	0.00785	0.00792
606147.14	4201341.24	63995.25345	0.00802	0.0081
606167.14	4201341.24	63009.15067	0.00817	0.00825
606187.14	4201341.24	62064.34058	0.00829	0.00838
606207.14	4201341.24	61153.30006	0.0084	0.00848
606227.14	4201341.24	60263.89374	0.0085	0.00859
606247.14	4201341.24	59394.32008	0.00861	0.0087
606267.14	4201341.24	58543.90859	0.00873	0.00882
606287.14	4201341.24	57594.73928	0.00886	0.00896
606307.14	4201341.24	56697.31013	0.00901	0.00911
605967.14	4201361.24	63874.12868	0.00573	0.00579
605987.14	4201361.24	64547.46754	0.00601	0.00607
606007.14	4201361.24	64760.59212	0.00627	0.00634
606027.14	4201361.24	64400.90859	0.00648	0.00654
606047.14	4201361.24	64207.57072	0.00673	0.00679
606067.14	4201361.24	63985.65466	0.00695	0.00702
606087.14	4201361.24	63311.49728	0.00714	0.00721
606107.14	4201361.24	62992.06197	0.0074	0.00748
606127.14	4201361.24	61988.06127	0.00769	0.00776
606147.14	4201361.24	61001.98869	0.00792	0.00799
606167.14	4201361.24	60095.80139	0.00806	0.00814
606187.14	4201361.24	59228.20343	0.00819	0.00827
606207.14	4201361.24	58385.90282	0.00831	0.00839
606227.14	4201361.24	57567.96854	0.00844	0.00852
606247.14	4201361.24	56772.82534	0.00856	0.00864
606267.14	4201361.24	55996.50386	0.00869	0.00878
606287.14	4201361.24	55245.89983	0.00882	0.00892
606307.14	4201361.24	54516.2139	0.00897	0.00906
605967.14	4201381.24	60803.33995	0.00562	0.00568
605987.14	4201381.24	60876.95865	0.00582	0.00588
606007.14	4201381.24	60852.91208	0.00603	0.00609
606027.14	4201381.24	60641.448	0.00623	0.00629
606047.14	4201381.24	60465.79222	0.00645	0.00652
606067.14	4201381.24	60308.45011	0.0067	0.00677
606087.14	4201381.24	60063.52425	0.00691	0.00698
606107.14	4201381.24	59508.11883	0.00711	0.00718
606127.14	4201381.24	59188.2529	0.00739	0.00746
606147.14	4201381.24	58279.37273	0.00769	0.00776
606167.14	4201381.24	57396.84129	0.00791	0.00799
606187.14	4201381.24	56577.31968	0.00807	0.00815
606207.14	4201381.24	55793.89343	0.00822	0.00829
606227.14	4201381.24	55045.76816	0.00833	0.00841
606247.14	4201381.24	54312.22982	0.00846	0.00854
606267.14	4201381.24	53594.39472	0.0086	0.00869
606287.14	4201381.24	52897.58932	0.00875	0.00884
606307.14	4201381.24	52220.75589	0.00891	0.009
605987.14	4201401.24	57396.28527	0.00563	0.00569

606007.14	4201401.24	57238.60437	0.00579	0.00586
606027.14	4201401.24	57027.53631	0.00597	0.00603
606047.14	4201401.24	56790.98672	0.00616	0.00622
606067.14	4201401.24	56511.2067	0.00635	0.00642
606087.14	4201401.24	56208.7648	0.00656	0.00663
606107.14	4201401.24	55809.90428	0.00675	0.00682
606127.14	4201401.24	55606.67018	0.00696	0.00703
606147.14	4201401.24	55243.18107	0.00719	0.00726
606167.14	4201401.24	54950.83548	0.00744	0.00752
606187.14	4201401.24	54221.78791	0.00767	0.00774
606207.14	4201401.24	53475.26529	0.00788	0.00796
606227.14	4201401.24	52743.07381	0.00809	0.00817
606247.14	4201401.24	52038.68819	0.00828	0.00835
606267.14	4201401.24	51358.38284	0.00846	0.00853
606287.14	4201401.24	50697.5239	0.00865	0.00872
606307.14	4201401.24	50066.3593	0.00882	0.00889
606325.06	4201067.99	119456.4225	0.01474	0.01509
606345.06	4201067.99	117933.8282	0.01521	0.01558
606365.06	4201067.99	116453.4621	0.0157	0.0161
606385.06	4201067.99	114982.506	0.01618	0.0166
606405.06	4201067.99	113454.911	0.01669	0.01713
606325.06	4201087.99	111133.6387	0.01407	0.01438
606345.06	4201087.99	109634.3809	0.0145	0.01483
606365.06	4201087.99	108198.2804	0.01495	0.0153
606385.06	4201087.99	106779.5535	0.0154	0.01577
606405.06	4201087.99	105333.1747	0.01587	0.01626
606325.06	4201107.99	103863.3092	0.01345	0.01373
606345.06	4201107.99	102402.7012	0.01387	0.01416
606365.06	4201107.99	101005.2779	0.01429	0.01459
606385.06	4201107.99	99641.03913	0.01471	0.01503
606405.06	4201107.99	98270.13888	0.01514	0.01548
606325.06	4201127.99	97435.97027	0.01288	0.01312
606345.06	4201127.99	96027.5951	0.01328	0.01354
606365.06	4201127.99	94675.24289	0.01369	0.01396
606385.06	4201127.99	93364.93883	0.01408	0.01437
606405.06	4201127.99	92058.89061	0.0145	0.0148
606325.06	4201147.99	91687.6239	0.01235	0.01257
606345.06	4201147.99	90347.02973	0.01273	0.01296
606365.06	4201147.99	89045.50592	0.01314	0.01338
606385.06	4201147.99	87789.10289	0.01353	0.01378
606405.06	4201147.99	86549.29917	0.01393	0.01419
606325.06	4201167.99	86500.97846	0.01185	0.01205
606345.06	4201167.99	85236.44807	0.01222	0.01243
606365.06	4201167.99	83997.75089	0.01264	0.01285
606385.06	4201167.99	82800.34456	0.01302	0.01324
606405.06	4201167.99	81628.89612	0.01339	0.01363
606325.06	4201187.99	81598.8466	0.01137	0.01154

606345.06	4201187.99	80600.63229	0.01173	0.01192
606365.06	4201187.99	79443.29634	0.01213	0.01232
606385.06	4201187.99	78297.853	0.01255	0.01275
606405.06	4201187.99	77193.22535	0.01291	0.01312
606325.06	4201207.99	76745.43171	0.01086	0.01101
606345.06	4201207.99	76002.80178	0.01121	0.01137
606365.06	4201207.99	75290.33151	0.01161	0.01178
606385.06	4201207.99	74224.81045	0.01205	0.01223
606405.06	4201207.99	73169.90351	0.01246	0.01265
606325.06	4201227.99	72433.55288	0.01041	0.01055
606345.06	4201227.99	71578.76962	0.01069	0.01084
606365.06	4201227.99	70903.27552	0.01104	0.0112
606385.06	4201227.99	70492.62266	0.0115	0.01166
606405.06	4201227.99	69504.84818	0.01201	0.01218
606325.06	4201247.99	68520.20963	0.00999	0.01012
606345.06	4201247.99	67644.45868	0.01023	0.01037
606365.06	4201247.99	66819.46263	0.0105	0.01063
606325.06	4201267.99	64761.85918	0.00965	0.00977
606345.06	4201267.99	63843.50935	0.00985	0.00997
606365.06	4201267.99	62983.39726	0.01005	0.01018
606325.06	4201287.99	61777.86599	0.0094	0.00951
606345.06	4201287.99	60906.18682	0.00958	0.0097
606365.06	4201287.99	60091.07773	0.00978	0.00991
606325.06	4201307.99	59495.85508	0.00924	0.00935
606345.06	4201307.99	58655.29496	0.00941	0.00952
606365.06	4201307.99	57881.03366	0.00961	0.00972
606325.06	4201327.99	57284.97996	0.00917	0.00928
606345.06	4201327.99	56459.01254	0.00933	0.00944
606365.06	4201327.99	55708.77288	0.00952	0.00963
606325.06	4201347.99	55268.44739	0.00913	0.00922
606345.06	4201347.99	54476.27711	0.00929	0.00939
606365.06	4201347.99	53731.17265	0.00947	0.00957
606325.06	4201367.99	53108.69491	0.00909	0.00918
606345.06	4201367.99	52438.92881	0.00925	0.00934
606365.06	4201367.99	51787.91844	0.00943	0.00953
606325.06	4201387.99	50903.34265	0.00903	0.00911
606345.06	4201387.99	50278.88909	0.00921	0.00929
606365.06	4201387.99	49673.48751	0.00939	0.00948
606325.06	4201407.99	48836.56204	0.00893	0.009
606345.06	4201407.99	48252.09701	0.00911	0.00919
606365.06	4201407.99	47685.77483	0.0093	0.00938
606461.88	4201147.93	83047.00713	0.01513	0.01543
606481.88	4201147.93	81801.47737	0.01558	0.01589
606501.88	4201147.93	80544.37341	0.01605	0.01639
606461.88	4201167.93	78351.56414	0.01453	0.0148
606481.88	4201167.93	77194.58692	0.01496	0.01524
606501.88	4201167.93	76023.87152	0.01542	0.01571

606461.88	4201187.93	74125.39748	0.01399	0.01423
606481.88	4201187.93	73042.17099	0.01441	0.01466
606501.88	4201187.93	71955.72437	0.01484	0.0151
606461.88	4201207.93	70296.71497	0.0135	0.01371
606481.88	4201207.93	69284.85951	0.0139	0.01412
606501.88	4201207.93	68267.59365	0.01432	0.01455
606461.88	4201227.93	66801.89549	0.01306	0.01325
606481.88	4201227.93	65858.63913	0.01344	0.01363
606501.88	4201227.93	64912.0011	0.01384	0.01404
606461.88	4201247.93	63603.6984	0.01265	0.01282
606481.88	4201247.93	62723.37362	0.01301	0.01319
606501.88	4201247.93	61837.92542	0.01339	0.01358
606461.88	4201267.93	60661.7728	0.01226	0.01242
606481.88	4201267.93	59838.81913	0.01261	0.01277
606501.88	4201267.93	59010.43113	0.01298	0.01315
606461.88	4201287.93	57946.70927	0.01187	0.01202
606481.88	4201287.93	57171.56508	0.01224	0.01239
606501.88	4201287.93	56397.55006	0.0126	0.01276
606461.88	4201307.93	55436.20312	0.01141	0.01154
606481.88	4201307.93	54700.84926	0.01188	0.01202
606501.88	4201307.93	53974.50343	0.01225	0.01239
606461.88	4201327.93	53085.81258	0.01107	0.01119
606481.88	4201327.93	52406.58985	0.01151	0.01164
606501.88	4201327.93	51720.74656	0.01193	0.01205
606461.88	4201347.93	50868.45593	0.01076	0.01087
606481.88	4201347.93	50261.61127	0.01118	0.01129
606501.88	4201347.93	49620.20063	0.01162	0.01172
606461.88	4201367.93	48840.75583	0.01066	0.01076
606481.88	4201367.93	48247.06646	0.01101	0.0111
606501.88	4201367.93	47648.50315	0.01139	0.01148
606461.88	4201387.93	46907.64655	0.01059	0.01067
606481.88	4201387.93	46343.77093	0.01095	0.01103
606501.88	4201387.93	45749.48495	0.01147	0.01155
606461.88	4201407.93	45037.44015	0.01073	0.0108
606481.88	4201407.93	44459.96681	0.01123	0.0113
606501.88	4201407.93	43854.35877	0.01213	0.01222
606384.38	4201249.47	65885.26561	0.01077	0.01092
606404.38	4201249.47	65780.74707	0.01133	0.01148
606384.38	4201269.47	61947.26481	0.01024	0.01037
606404.38	4201269.47	61785.36912	0.01063	0.01077
606384.38	4201289.47	59140.59324	0.00997	0.0101
606404.38	4201289.47	58440.04663	0.01021	0.01034
606384.38	4201309.47	56985.5653	0.00979	0.00991
606404.38	4201309.47	56303.34595	0.01003	0.01016
606384.38	4201329.47	54860.88333	0.00971	0.00983
606404.38	4201329.47	54192.57861	0.00994	0.01006
606384.38	4201349.47	52919.44751	0.00966	0.00977

606404.38	4201349.47	52263.88095	0.00988	0.00999
606384.38	4201369.47	51018.72009	0.00962	0.00972
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606384.38	4201389.47	48952.64172	0.00959	0.00967
606404.38	4201389.47	48376.77077	0.00981	0.00989
606384.38	4201409.47	47009.58198	0.0095	0.00958
606404.38	4201409.47	46468.48339	0.00973	0.0098
606423.8	4201072.57	109994.106	0.01699	0.01744
606443.8	4201072.57	108310.1901	0.01755	0.01803
606423.8	4201092.57	102248.2716	0.01615	0.01655
606443.8	4201092.57	100714.4742	0.01667	0.01709
606423.8	4201112.57	95482.92968	0.01542	0.01576
606443.8	4201112.57	94069.46291	0.0159	0.01627
606423.8	4201132.57	89522.45162	0.01477	0.01507
606443.8	4201132.57	88217.36774	0.01521	0.01553
606423.8	4201152.57	84236.71667	0.01417	0.01444
606443.8	4201152.57	83018.31911	0.01459	0.01487
606423.8	4201172.57	79503.1443	0.01363	0.01387
606443.8	4201172.57	78363.7382	0.01403	0.01427
606423.8	4201192.57	75232.18236	0.01314	0.01335
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606423.8	4201212.57	71354.25602	0.01269	0.01288
606443.8	4201212.57	70354.74825	0.01306	0.01325
606423.8	4201232.57	67810.96242	0.01229	0.01246
606443.8	4201232.57	66874.98239	0.01264	0.01282
606423.11	4201254.06	64368.56675	0.01182	0.01198
606443.11	4201254.06	63486.9285	0.01221	0.01237
606423.11	4201274.06	61117.76987	0.01114	0.01128
606443.11	4201274.06	60574.03792	0.01178	0.01193
606423.11	4201294.06	57806.30372	0.01058	0.01071
606443.11	4201294.06	57763.08854	0.01118	0.01131
606423.11	4201314.06	55282.42196	0.0103	0.01043
606443.11	4201314.06	54972.814	0.01076	0.01089
606423.11	4201334.06	53168.5552	0.01018	0.01029
606443.11	4201334.06	52667.09167	0.01051	0.01063
606423.11	4201354.06	51286.15896	0.01011	0.01022
606443.11	4201354.06	50750.39969	0.01041	0.01051
606423.11	4201374.06	49371.32469	0.01007	0.01016
606443.11	4201374.06	48784.06256	0.01034	0.01043
606423.11	4201394.06	47402.96187	0.01003	0.01011
606443.11	4201394.06	46851.0644	0.0103	0.01038
606423.11	4201414.06	45549.87578	0.00997	0.01004
606443.11	4201414.06	45002.18633	0.01036	0.01042
606458.33	4201114.06	92577.04242	0.01621	0.01658
606478.33	4201114.06	91155.81631	0.0167	0.01709
606458.33	4201134.06	86856.61974	0.0155	0.01582
606478.33	4201134.06	85545.1356	0.01596	0.01631

606458.41	4201076.62	105444.1522	0.01778	0.01827
606478.41	4201076.62	103713.4194	0.01838	0.0189
606458.41	4201096.62	98175.01304	0.0169	0.01732
606478.41	4201096.62	96625.22717	0.01744	0.01788
606487.59	4201114.96	90227.29124	0.0169	0.0173
606507.59	4201114.96	88778.24465	0.01746	0.01788
606487.59	4201134.96	84695.21062	0.01616	0.01651
606507.59	4201134.96	83370.62096	0.01666	0.01703
606487.67	4201077.52	102575.7797	0.01861	0.01914
606507.67	4201077.52	100854.3993	0.01924	0.01979
606487.67	4201097.52	95610.0991	0.01765	0.01811
606507.67	4201097.52	94053.38419	0.01822	0.01871
605889.69	4201158.66	144347.9558	0.0078	0.00788
605889.69	4201178.66	134020.4315	0.00758	0.00765
605889.69	4201198.66	124751.2946	0.00737	0.00744
605889.69	4201218.66	116304.0484	0.00717	0.00724
605889.69	4201238.66	108325.5621	0.00696	0.00702
605889.69	4201258.66	99312.43574	0.00664	0.0067
605889.69	4201278.66	90419.39713	0.00625	0.0063
605889.69	4201298.66	80006.64879	0.00571	0.00575
605876.33	4201162.41	145695.7889	0.00766	0.00774
605876.33	4201182.41	135121.6546	0.00745	0.00752
605876.33	4201202.41	125588.983	0.00725	0.00732
605876.33	4201222.41	116824.5924	0.00705	0.00711
605876.33	4201242.41	107770.9604	0.0068	0.00686
605876.33	4201262.41	98865.92029	0.00648	0.00653
605876.33	4201282.41	89770.10995	0.00609	0.00614
605876.33	4201302.41	79796.78091	0.0056	0.00565
605863.81	4201176.17	141289.299	0.00744	0.00751
605863.81	4201196.17	130945.4654	0.00723	0.0073
605863.81	4201216.17	120921.202	0.00702	0.00708
605863.81	4201236.17	111994.3818	0.00679	0.00685
605863.81	4201256.17	102924.2207	0.0065	0.00655
605863.81	4201276.17	94793.12014	0.00623	0.00628
605863.81	4201296.17	84399.11138	0.00574	0.00579
605852.79	4201178.5	142642.2951	0.00734	0.00741
605852.79	4201198.5	131875.1396	0.00712	0.00719
605852.79	4201218.5	121521.9931	0.00691	0.00697
605852.79	4201238.5	112276.6925	0.00668	0.00674
605852.79	4201258.5	103286.6514	0.00641	0.00646
605852.79	4201278.5	95211.28603	0.00616	0.00621
605852.79	4201298.5	85228.67525	0.00572	0.00577
605841.72	4201197.42	133949.4807	0.00706	0.00712
605841.72	4201217.42	123792.5183	0.00685	0.00691
605841.72	4201237.42	114241.2707	0.00662	0.00668
605841.72	4201257.42	105253.2932	0.00638	0.00643
605841.72	4201277.42	97280.13698	0.00616	0.0062

605841.72	4201297.42	87973.45302	0.00579	0.00584
605829.79	4201251.28	109685.4746	0.0064	0.00645
605829.79	4201271.28	101297.5516	0.00619	0.00623
605829.79	4201291.28	93488.83271	0.00597	0.00601
605818.78	4201253.61	110354.1236	0.00633	0.00638
605818.78	4201273.61	101953.1649	0.00613	0.00618
605818.78	4201293.61	94521.65516	0.00596	0.006
605807.71	4201252.53	112661.5095	0.00631	0.00636
605807.71	4201272.53	104032.4058	0.00612	0.00616
605807.71	4201292.53	96320.33934	0.00594	0.00598
605818.76	4201242.41	115473.2172	0.00645	0.0065
605831.7	4201240.74	114202.006	0.00653	0.00658
605821.68	4201230.72	120559.2384	0.00659	0.00664
605832.12	4201225.71	121279.9822	0.0067	0.00675
605779.97	4201340.44	82963.36839	0.00549	0.00553
605759.97	4201360.44	79776.2975	0.0054	0.00544
605779.97	4201360.44	75056.68876	0.0052	0.00524
605759.97	4201380.44	72805.43167	0.00516	0.0052
605779.97	4201380.44	67981.2828	0.00492	0.00496
605759.97	4201400.44	66499.37804	0.00493	0.00497
605779.97	4201400.44	63103.64544	0.00477	0.00481
605791.09	4201315.56	90401.69387	0.00573	0.00577
605791.09	4201335.56	82242.12053	0.00546	0.0055
605791.09	4201355.56	74051.40466	0.00514	0.00518
605798.95	4201281.17	101827.6593	0.00602	0.00606
605798.95	4201301.17	94332.63546	0.00585	0.00589
605798.95	4201321.17	86670.21951	0.00563	0.00567
605779.79	4201321.31	90116.82433	0.0057	0.00574
605786.18	4201298.71	96930.3487	0.00585	0.00589

ROAD3 AVERAGE CONC	ROAD4 AVERAGE CONC	ROAD5 AVERAGE CONC	ROAD6 AVERAGE CONC
0.04666	0.04498	0.03495	0.03568
0.04598	0.04418	0.03523	0.03594
0.04694	0.04487	0.0354	0.03608
0.04723	0.04515	0.03554	0.0362
0.04756	0.04536	0.03565	0.03629
0.04773	0.04526	0.03573	0.03634
0.04774	0.04539	0.0358	0.03637
0.04822	0.04576	0.03583	0.03638
0.04848	0.04592	0.03585	0.03638
0.04867	0.04599	0.03586	0.03636
0.04887	0.04722	0.03696	0.0377
0.04949	0.04763	0.03723	0.03795
0.05015	0.04814	0.03734	0.03803
0.05072	0.0484	0.03742	0.03808
0.05108	0.04874	0.0375	0.03812
0.05159	0.04908	0.03755	0.03815
0.05164	0.04914	0.03757	0.03814
0.05224	0.0496	0.03757	0.03811
0.05275	0.04996	0.03755	0.03806
0.05313	0.05019	0.03751	0.038
0.05344	0.05035	0.03745	0.03792
0.05365	0.05042	0.03738	0.03781
0.05153	0.05004	0.03871	0.03948
0.05195	0.05034	0.03902	0.03976
0.05277	0.05093	0.03926	0.03998
0.05356	0.05147	0.03933	0.04002
0.05414	0.05168	0.03939	0.04004
0.05473	0.05214	0.03942	0.04004
0.05544	0.05268	0.03942	0.04001
0.05584	0.05323	0.0394	0.03996
0.05661	0.05383	0.03936	0.03989
0.05739	0.05442	0.03929	0.03979
0.05805	0.05487	0.03921	0.03968
0.05861	0.05523	0.03911	0.03955
0.05905	0.05548	0.03899	0.0394
0.05941	0.0552	0.03792	0.03819
0.05919	0.05502	0.03769	0.03795
0.05906	0.05496	0.03745	0.03769
0.05896	0.05493	0.03721	0.03742
0.05904	0.0551	0.03695	0.03714

0.05937	0.0555	0.03668	0.03685
0.0597	0.05577	0.0364	0.03656
0.05426	0.05284	0.04093	0.0417
0.05474	0.0532	0.04122	0.04196
0.05533	0.05361	0.04138	0.04209
0.05663	0.05445	0.04142	0.04209
0.0578	0.05523	0.04143	0.04207
0.05865	0.05603	0.04141	0.04201
0.05926	0.0568	0.04136	0.04194
0.06025	0.05759	0.04129	0.04184
0.0613	0.05841	0.0412	0.04171
0.06236	0.05926	0.04109	0.04157
0.06338	0.06002	0.04095	0.0414
0.06661	0.06198	0.04002	0.04034
0.06683	0.06201	0.03979	0.04008
0.06693	0.06197	0.03954	0.03981
0.06688	0.06184	0.03928	0.03953
0.06674	0.06168	0.03901	0.03924
0.06656	0.06154	0.03873	0.03893
0.06643	0.06147	0.03844	0.03862
0.06644	0.06158	0.03814	0.0383
0.06658	0.06182	0.03783	0.03797
0.06699	0.06226	0.03751	0.03764
0.05665	0.05528	0.04331	0.04406
0.05733	0.05583	0.04357	0.0443
0.05854	0.05691	0.0436	0.04429
0.06005	0.05796	0.04358	0.04424
0.06151	0.059	0.04354	0.04416
0.06278	0.06005	0.04346	0.04405
0.06386	0.06111	0.04336	0.04392
0.06484	0.06219	0.04324	0.04376
0.06619	0.06329	0.04309	0.04358
0.06767	0.0645	0.04292	0.04338
0.07377	0.06888	0.04181	0.04212
0.07461	0.06939	0.04153	0.04182
0.07523	0.06969	0.04125	0.04152
0.07566	0.06985	0.04096	0.0412
0.07591	0.06989	0.04065	0.04087
0.07597	0.06983	0.04033	0.04053
0.07584	0.06965	0.04001	0.04018
0.07569	0.06952	0.03967	0.03982
0.07567	0.06959	0.03932	0.03946
0.07572	0.06975	0.03897	0.03909
0.07606	0.07018	0.03861	0.03871
0.05886	0.0576	0.04597	0.04673
0.06025	0.05888	0.04595	0.04667
0.06234	0.06078	0.04592	0.0466

0.06387	0.06206	0.04583	0.04647
0.06533	0.06328	0.04571	0.04632
0.06696	0.06466	0.04558	0.04615
0.06784	0.06552	0.04541	0.04595
0.06949	0.06694	0.04523	0.04572
0.07875	0.07441	0.044	0.04433
0.08051	0.07571	0.0437	0.04401
0.08213	0.07684	0.04339	0.04367
0.08362	0.07784	0.04306	0.04332
0.08489	0.07863	0.04273	0.04296
0.08591	0.0792	0.04238	0.04259
0.08668	0.07957	0.04202	0.04221
0.08718	0.07976	0.04165	0.04182
0.08743	0.07979	0.04128	0.04142
0.08742	0.07968	0.0409	0.04102
0.08741	0.07967	0.04051	0.04061
0.08749	0.07985	0.04011	0.04019
0.08768	0.08017	0.03971	0.03978
0.05691	0.05611	0.04858	0.04946
0.05904	0.05799	0.0486	0.04943
0.06034	0.05925	0.04856	0.04935
0.06217	0.06101	0.04851	0.04925
0.06382	0.06243	0.04841	0.04911
0.06546	0.06404	0.0483	0.04896
0.0672	0.06563	0.04815	0.04876
0.06907	0.06731	0.04796	0.04854
0.07097	0.06892	0.04775	0.04829
0.07266	0.07	0.04752	0.04802
0.08363	0.07977	0.04605	0.04639
0.0862	0.08185	0.04571	0.04601
0.08871	0.08378	0.04535	0.04563
0.09119	0.08565	0.04498	0.04523
0.09355	0.08735	0.0446	0.04482
0.09579	0.0889	0.04421	0.0444
0.09774	0.09016	0.04381	0.04398
0.09942	0.09118	0.04339	0.04354
0.10077	0.09191	0.04298	0.0431
0.10177	0.0924	0.04255	0.04266
0.10236	0.09262	0.04212	0.0422
0.10259	0.09264	0.04168	0.04175
0.10278	0.09282	0.04124	0.04129
0.1029	0.09304	0.04079	0.04083
0.05802	0.05727	0.05146	0.05238
0.05946	0.05861	0.05142	0.05228
0.06128	0.06034	0.05135	0.05217
0.06296	0.06205	0.05126	0.05202
0.06472	0.0637	0.05113	0.05184

0.06657	0.06544	0.05095	0.05162
0.06849	0.06723	0.05075	0.05138
0.07049	0.06909	0.05052	0.05111
0.07264	0.07107	0.05026	0.0508
0.08425	0.08145	0.04862	0.04898
0.08726	0.08408	0.04824	0.04857
0.09045	0.0868	0.04785	0.04814
0.09376	0.08957	0.04744	0.0477
0.09719	0.09235	0.04702	0.04725
0.10069	0.09512	0.04658	0.04679
0.10421	0.09784	0.04614	0.04632
0.10768	0.10041	0.04569	0.04584
0.111	0.10275	0.04523	0.04536
0.11413	0.10486	0.04476	0.04487
0.11699	0.10669	0.04429	0.04438
0.11928	0.10799	0.04381	0.04388
0.1212	0.10906	0.04333	0.04338
0.12246	0.10966	0.04284	0.04287
0.12315	0.10997	0.04235	0.04236
0.12343	0.11016	0.04186	0.04186
0.05035	0.0501	0.05428	0.05553
0.05163	0.05136	0.05443	0.05562
0.05298	0.05268	0.05453	0.05565
0.05441	0.05408	0.05458	0.05565
0.05591	0.05553	0.05457	0.05558
0.05748	0.05706	0.05454	0.05549
0.05982	0.05912	0.05449	0.05538
0.06153	0.06093	0.05439	0.05523
0.06332	0.06265	0.05423	0.05502
0.06518	0.06442	0.05405	0.05478
0.06715	0.0663	0.05382	0.0545
0.06922	0.06826	0.05356	0.05419
0.0714	0.07032	0.05327	0.05386
0.08637	0.08421	0.05101	0.05136
0.0897	0.08723	0.05057	0.05088
0.0933	0.09045	0.05012	0.0504
0.09716	0.09386	0.04965	0.0499
0.10129	0.09744	0.04917	0.04939
0.1057	0.1012	0.04868	0.04887
0.11034	0.10504	0.04819	0.04835
0.1152	0.10899	0.04768	0.04781
0.12019	0.11292	0.04716	0.04728
0.1253	0.11678	0.04664	0.04673
0.13045	0.12054	0.04612	0.04619
0.1355	0.12405	0.04559	0.04564
0.14025	0.12715	0.04506	0.04508
0.14448	0.12973	0.04452	0.04453

0.14805	0.13177	0.04398	0.04398
0.15069	0.13322	0.04344	0.04342
0.1518	0.1336	0.04291	0.04287
0.05041	0.05014	0.05794	0.05926
0.05181	0.05139	0.05805	0.0593
0.05285	0.0527	0.05809	0.05927
0.05426	0.05409	0.05809	0.0592
0.05576	0.05553	0.05804	0.05908
0.05735	0.05711	0.05795	0.05893
0.05947	0.05875	0.05781	0.05873
0.06149	0.06112	0.05764	0.05851
0.0633	0.06287	0.05745	0.05825
0.06522	0.06472	0.0572	0.05795
0.06724	0.06667	0.05691	0.05761
0.06942	0.06876	0.05658	0.05722
0.08434	0.08301	0.05405	0.05442
0.08759	0.08606	0.05356	0.05389
0.09108	0.08929	0.05305	0.05335
0.09491	0.09285	0.05253	0.0528
0.09909	0.09669	0.052	0.05223
0.10363	0.10083	0.05146	0.05166
0.10857	0.10526	0.05091	0.05108
0.11397	0.11003	0.05035	0.05049
0.11986	0.11514	0.04978	0.04989
0.1261	0.12044	0.04921	0.04929
0.13281	0.12602	0.04863	0.04869
0.14001	0.13181	0.04805	0.04809
0.14767	0.13779	0.04746	0.04748
0.15572	0.14383	0.04687	0.04688
0.16403	0.14975	0.04628	0.04627
0.17231	0.15534	0.04569	0.04566
0.18019	0.16033	0.04511	0.04506
0.18702	0.16431	0.04452	0.04445
0.05169	0.05167	0.06202	0.06334
0.05305	0.05301	0.06202	0.06325
0.0545	0.05444	0.06194	0.0631
0.05603	0.05587	0.06182	0.06291
0.05759	0.05733	0.06165	0.06267
0.05932	0.05919	0.06145	0.0624
0.06108	0.06091	0.06121	0.06209
0.06295	0.06274	0.06092	0.06173
0.06487	0.06462	0.0606	0.06136
0.08241	0.08162	0.0574	0.0578
0.08561	0.08453	0.05685	0.05721
0.08794	0.08697	0.05628	0.0566
0.09157	0.09044	0.0557	0.05598
0.09548	0.09413	0.0551	0.05535

0.09979	0.09821	0.0545	0.05471
0.10451	0.10267	0.05389	0.05406
0.10971	0.10752	0.05327	0.05341
0.11543	0.11282	0.05264	0.05275
0.12178	0.11862	0.05201	0.05209
0.12883	0.12497	0.05136	0.05142
0.1365	0.13178	0.05072	0.05076
0.14498	0.13918	0.05007	0.05009
0.15438	0.14718	0.04943	0.04942
0.16481	0.15585	0.04878	0.04876
0.17637	0.16515	0.04813	0.04809
0.18915	0.17502	0.04749	0.04743
0.2031	0.1853	0.04684	0.04677
0.21804	0.1957	0.0462	0.04611
0.2331	0.20543	0.04557	0.04546
0.07875	0.07845	0.06111	0.06153
0.08179	0.08142	0.06048	0.06087
0.08506	0.08462	0.05984	0.06018
0.08855	0.08784	0.05919	0.05948
0.09117	0.0906	0.05852	0.05877
0.09517	0.09448	0.05784	0.05806
0.09948	0.09862	0.05716	0.05734
0.10423	0.10321	0.05647	0.05661
0.10946	0.10824	0.05577	0.05588
0.11525	0.11377	0.05506	0.05515
0.12169	0.1199	0.05435	0.05441
0.12886	0.12664	0.05365	0.05368
0.13693	0.13417	0.05293	0.05294
0.14594	0.1425	0.05222	0.0522
0.15612	0.15178	0.0515	0.05146
0.16761	0.16209	0.05079	0.05073
0.18075	0.17365	0.05008	0.05
0.19587	0.18665	0.04937	0.04928
0.21345	0.20132	0.04866	0.04855
0.23387	0.2177	0.04796	0.04784
0.2577	0.2359	0.04727	0.04713
0.07215	0.07224	0.06589	0.0664
0.07478	0.07484	0.06521	0.06567
0.07763	0.07765	0.0645	0.06491
0.08062	0.08061	0.06378	0.06414
0.08386	0.08382	0.06304	0.06335
0.08733	0.08725	0.06229	0.06256
0.09104	0.09061	0.06153	0.06175
0.09403	0.09386	0.06076	0.06094
0.09835	0.09812	0.05998	0.06013
0.10302	0.10268	0.0592	0.05932
0.10815	0.10771	0.05842	0.0585

0.11383	0.11327	0.05763	0.05768
0.12009	0.11939	0.05684	0.05687
0.12712	0.12623	0.05605	0.05605
0.13503	0.13389	0.05526	0.05523
0.14402	0.14252	0.05447	0.05442
0.15418	0.15224	0.05368	0.05361
0.16575	0.16322	0.0529	0.05281
0.17907	0.17575	0.05212	0.05201
0.19455	0.19011	0.05134	0.05122
0.2128	0.2068	0.05057	0.05043
0.23461	0.22635	0.04981	0.04965
0.26126	0.24964	0.04905	0.04888
0.29406	0.2773	0.0483	0.04812
0.05361	0.0539	0.07547	0.07666
0.05513	0.05542	0.07501	0.0761
0.05675	0.05705	0.07449	0.07549
0.05843	0.05874	0.07391	0.07483
0.0602	0.06051	0.07331	0.07414
0.06206	0.06238	0.07266	0.07342
0.06408	0.06441	0.07197	0.07266
0.06618	0.0665	0.07126	0.07188
0.06844	0.06876	0.07052	0.07107
0.07081	0.07112	0.06976	0.07025
0.07337	0.07367	0.06896	0.0694
0.07613	0.07642	0.06815	0.06853
0.07907	0.07935	0.06732	0.06764
0.0822	0.08247	0.06647	0.06675
0.08563	0.08589	0.06561	0.06584
0.08929	0.08955	0.06474	0.06493
0.09324	0.09333	0.06387	0.06402
0.09655	0.09675	0.06299	0.0631
0.10107	0.10128	0.06211	0.06219
0.10607	0.10626	0.06123	0.06128
0.11152	0.11166	0.06035	0.06036
0.11757	0.11768	0.05947	0.05946
0.12431	0.12437	0.0586	0.05855
0.13183	0.13184	0.05772	0.05765
0.14027	0.1402	0.05685	0.05676
0.14991	0.14973	0.05599	0.05587
0.16101	0.16066	0.05512	0.05499
0.17373	0.17314	0.05426	0.05411
0.18848	0.18757	0.05342	0.05325
0.20589	0.2045	0.05257	0.05239
0.22655	0.22446	0.05174	0.05154
0.25159	0.24843	0.05092	0.05071
0.28266	0.27779	0.0501	0.04988
0.32227	0.31453	0.0493	0.04907

0.37448	0.36178	0.04851	0.04827
0.44631	0.42462	0.04773	0.04748
0.55114	0.51185	0.04695	0.0467
0.7168	0.63975	0.0462	0.04594
1.00645	0.83985	0.04545	0.04518
1.53752	1.15462	0.04471	0.04444
0.05404	0.05441	0.08031	0.08142
0.0556	0.05598	0.07965	0.08065
0.05723	0.05762	0.07893	0.07985
0.05896	0.05938	0.07817	0.079
0.06076	0.06119	0.07738	0.07813
0.0627	0.06315	0.07656	0.07722
0.06475	0.06521	0.0757	0.07629
0.06693	0.0674	0.07483	0.07535
0.06928	0.06976	0.07393	0.07439
0.07176	0.07225	0.073	0.0734
0.0744	0.07489	0.07207	0.07241
0.07727	0.07777	0.0711	0.07139
0.08032	0.08082	0.07013	0.07037
0.08358	0.0841	0.06916	0.06935
0.08711	0.08764	0.06817	0.06832
0.09092	0.09148	0.06718	0.06729
0.09502	0.09558	0.0662	0.06626
0.09895	0.09926	0.06521	0.06523
0.10343	0.10403	0.06422	0.06422
0.10863	0.1093	0.06324	0.0632
0.11438	0.11506	0.06226	0.06219
0.12077	0.12149	0.06129	0.06119
0.12785	0.12863	0.06032	0.0602
0.13579	0.13663	0.05935	0.05922
0.14473	0.14565	0.0584	0.05824
0.1549	0.15591	0.05746	0.05728
0.16663	0.16773	0.05652	0.05632
0.18014	0.18136	0.05559	0.05538
0.19606	0.19743	0.05467	0.05444
0.21472	0.21625	0.05376	0.05352
0.23717	0.23891	0.05287	0.05262
0.26433	0.26635	0.05198	0.05172
0.29823	0.30052	0.05111	0.05085
0.34172	0.34424	0.05026	0.04998
0.39951	0.40207	0.04941	0.04913
0.47986	0.48202	0.04858	0.04829
0.59894	0.59935	0.04777	0.04747
0.79269	0.78713	0.04696	0.04666
1.15797	1.12953	0.04617	0.04587
2.03513	1.88382	0.0454	0.04509
0.05442	0.05485	0.08529	0.0863

0.05597	0.05642	0.08441	0.08531
0.05763	0.05811	0.08349	0.0843
0.05938	0.05988	0.08254	0.08325
0.06126	0.06179	0.08154	0.08218
0.06324	0.0638	0.08052	0.08108
0.06533	0.06591	0.07948	0.07997
0.06757	0.06817	0.07842	0.07884
0.06997	0.07059	0.07734	0.0777
0.07255	0.07319	0.07627	0.07657
0.07527	0.07593	0.07517	0.07541
0.0782	0.07887	0.07406	0.07425
0.08137	0.08207	0.07295	0.07309
0.08472	0.08545	0.07183	0.07193
0.08834	0.08911	0.07072	0.07077
0.09227	0.09309	0.0696	0.06962
0.09652	0.09737	0.06849	0.06847
0.10083	0.10156	0.06739	0.06734
0.10538	0.10636	0.0663	0.06621
0.11081	0.11188	0.06521	0.06509
0.11682	0.11797	0.06412	0.06398
0.12348	0.12474	0.06305	0.06289
0.13086	0.13225	0.06199	0.06181
0.13909	0.14067	0.06095	0.06074
0.14843	0.15018	0.05991	0.05968
0.15901	0.16102	0.05888	0.05864
0.17126	0.17358	0.05787	0.05761
0.18551	0.18822	0.05687	0.0566
0.2021	0.20533	0.05588	0.0556
0.22176	0.22567	0.05491	0.05461
0.2453	0.25016	0.05395	0.05365
0.27407	0.28027	0.05301	0.05269
0.30976	0.31786	0.05208	0.05176
0.35552	0.3664	0.05117	0.05085
0.41617	0.43133	0.05028	0.04995
0.50008	0.52233	0.0494	0.04907
0.62316	0.65811	0.04854	0.0482
0.81929	0.88012	0.04769	0.04735
1.17287	1.29618	0.04686	0.04652
1.93063	2.23698	0.04605	0.0457
0.05469	0.05518	0.09041	0.09129
0.05629	0.05681	0.08929	0.09005
0.05798	0.05852	0.08812	0.08881
0.05974	0.06032	0.08695	0.08754
0.06165	0.06225	0.08574	0.08626
0.06367	0.06431	0.08453	0.08495
0.06579	0.06646	0.08329	0.08365
0.06809	0.0688	0.08204	0.08234

0.07058	0.07132	0.08078	0.08102
0.07323	0.07399	0.07953	0.07972
0.07602	0.07681	0.07827	0.0784
0.07903	0.07985	0.077	0.07708
0.08227	0.08312	0.07574	0.07577
0.08569	0.08659	0.07448	0.07447
0.08937	0.09032	0.07323	0.07319
0.09337	0.0944	0.07199	0.07191
0.09777	0.09889	0.07075	0.07064
0.10227	0.10317	0.06953	0.06939
0.10709	0.10837	0.06832	0.06815
0.11266	0.11407	0.06713	0.06693
0.11886	0.12043	0.06595	0.06572
0.12573	0.12743	0.06478	0.06453
0.1334	0.1353	0.06362	0.06336
0.14198	0.14415	0.06249	0.0622
0.15164	0.15408	0.06136	0.06106
0.16258	0.16536	0.06026	0.05995
0.17527	0.17851	0.05917	0.05884
0.18999	0.19382	0.05809	0.05776
0.20731	0.21191	0.05704	0.05669
0.22764	0.23324	0.056	0.05565
0.25215	0.25917	0.05498	0.05462
0.28205	0.29109	0.05398	0.05362
0.31917	0.33111	0.053	0.05263
0.36673	0.383	0.05204	0.05167
0.42971	0.45279	0.0511	0.05072
0.51667	0.55117	0.05017	0.04979
0.64378	0.69901	0.04926	0.04888
0.84488	0.94262	0.04838	0.048
1.20172	1.40259	0.04751	0.04713
1.93945	2.44029	0.04665	0.04627
0.05494	0.05548	0.09561	0.09635
0.05655	0.05712	0.09423	0.09487
0.05825	0.05885	0.09283	0.09336
0.06005	0.06069	0.09141	0.09185
0.06198	0.06265	0.08998	0.09035
0.06398	0.06469	0.08855	0.08884
0.06619	0.06694	0.08711	0.08733
0.06854	0.06934	0.08566	0.08583
0.07108	0.07191	0.08421	0.08432
0.07378	0.07465	0.08278	0.08284
0.07668	0.07758	0.08134	0.08135
0.07973	0.08068	0.07991	0.07987
0.08296	0.08395	0.0785	0.07842
0.08647	0.08752	0.07709	0.07698
0.09023	0.09134	0.07571	0.07555

0.09432	0.09552	0.07433	0.07414
0.09877	0.10008	0.07297	0.07275
0.10338	0.10452	0.07162	0.07138
0.10856	0.11005	0.0703	0.07003
0.11423	0.11592	0.069	0.06871
0.1206	0.12248	0.06771	0.0674
0.12768	0.12974	0.06644	0.06611
0.13563	0.13794	0.06519	0.06485
0.14453	0.14713	0.06396	0.06361
0.15449	0.15744	0.06276	0.06239
0.16573	0.16912	0.06157	0.06119
0.17877	0.1827	0.06041	0.06002
0.19388	0.19851	0.05927	0.05887
0.2117	0.21725	0.05814	0.05774
0.23278	0.23952	0.05704	0.05663
0.25819	0.2666	0.05596	0.05555
0.28897	0.29975	0.05491	0.05449
0.32739	0.34158	0.05387	0.05345
0.37665	0.39596	0.05286	0.05244
0.44192	0.46932	0.05187	0.05145
0.53207	0.57313	0.0509	0.05047
0.66377	0.72984	0.04995	0.04953
0.87134	0.98918	0.04902	0.0486
1.23508	1.47896	0.04811	0.04769
1.97295	2.57589	0.04722	0.0468
0.05513	0.05572	0.1009	0.10145
0.05675	0.05737	0.09923	0.0997
0.05845	0.0591	0.09757	0.09795
0.06028	0.06096	0.0959	0.09619
0.06221	0.06294	0.09423	0.09444
0.06425	0.06502	0.09256	0.09271
0.06649	0.06731	0.0909	0.09099
0.06889	0.06976	0.08925	0.08928
0.07144	0.07236	0.08761	0.08759
0.07423	0.07519	0.08599	0.08592
0.07721	0.07822	0.08437	0.08425
0.08032	0.08137	0.08277	0.08261
0.08363	0.08473	0.0812	0.081
0.08717	0.08833	0.07965	0.07942
0.091	0.09223	0.07812	0.07785
0.09511	0.09645	0.07661	0.07632
0.09963	0.10108	0.07512	0.0748
0.10434	0.10568	0.07366	0.07331
0.10971	0.11143	0.07222	0.07185
0.11556	0.11747	0.0708	0.07042
0.12208	0.12418	0.0694	0.06901
0.12936	0.13171	0.06804	0.06763

0.13751	0.14015	0.0667	0.06628
0.14663	0.1496	0.06538	0.06495
0.15685	0.16021	0.0641	0.06365
0.16844	0.17227	0.06283	0.06238
0.18191	0.18637	0.06159	0.06113
0.19742	0.20264	0.06038	0.05992
0.21557	0.22179	0.05919	0.05873
0.23737	0.24491	0.05802	0.05756
0.26334	0.27266	0.05689	0.05642
0.29506	0.30691	0.05578	0.05531
0.33468	0.35016	0.05469	0.05422
0.38565	0.4066	0.05363	0.05316
0.45299	0.48255	0.05259	0.05212
0.54633	0.5905	0.05157	0.05111
0.68282	0.75391	0.05058	0.05012
0.89764	1.02478	0.04961	0.04916
1.27431	1.53728	0.04867	0.04821
2.03248	2.67489	0.04774	0.04729
0.0553	0.05592	0.10621	0.10658
0.0569	0.05755	0.10425	0.10453
0.05862	0.05931	0.10231	0.10251
0.06045	0.06118	0.10038	0.1005
0.06238	0.06315	0.09845	0.09851
0.06445	0.06527	0.09656	0.09654
0.06671	0.06758	0.09468	0.0946
0.06913	0.07006	0.09282	0.09268
0.07177	0.07275	0.09096	0.09079
0.07458	0.07562	0.08915	0.08894
0.07759	0.07868	0.08735	0.08709
0.08077	0.08191	0.08558	0.08529
0.08415	0.08534	0.08384	0.08352
0.08776	0.08902	0.08214	0.08178
0.09165	0.09299	0.08046	0.08008
0.09582	0.09726	0.07882	0.07841
0.10039	0.1018	0.0772	0.07678
0.10517	0.10669	0.07562	0.07517
0.11072	0.1126	0.07406	0.0736
0.11671	0.11879	0.07253	0.07205
0.12331	0.1256	0.07103	0.07055
0.13078	0.13336	0.06957	0.06907
0.13909	0.14203	0.06814	0.06763
0.14843	0.15174	0.06674	0.06622
0.15888	0.16262	0.06537	0.06485
0.17088	0.17514	0.06402	0.0635
0.18466	0.18956	0.06271	0.06218
0.20052	0.20623	0.06143	0.0609
0.21912	0.22588	0.06017	0.05965

0.24125	0.2494	0.05895	0.05843
0.26783	0.27782	0.05776	0.05724
0.30059	0.31323	0.05659	0.05607
0.34155	0.35792	0.05545	0.05493
0.39403	0.41597	0.05434	0.05382
0.46371	0.49445	0.05326	0.05274
0.56047	0.6061	0.0522	0.05169
0.70128	0.77428	0.05117	0.05067
0.92189	1.05147	0.05017	0.04967
1.31007	1.57568	0.04918	0.04869
2.09956	2.74205	0.04823	0.04774
0.05541	0.05606	0.11155	0.11171
0.05704	0.05772	0.10927	0.10935
0.05874	0.05947	0.10703	0.10703
0.06057	0.06133	0.10482	0.10476
0.06251	0.06332	0.10265	0.10252
0.06461	0.06547	0.10051	0.10031
0.06687	0.06779	0.09838	0.09815
0.06936	0.07034	0.09631	0.09602
0.07198	0.07303	0.09425	0.09393
0.07478	0.07589	0.09225	0.09189
0.07783	0.079	0.09027	0.08987
0.08104	0.08227	0.08833	0.0879
0.08449	0.08577	0.08642	0.08597
0.08815	0.0895	0.08456	0.08408
0.09214	0.09357	0.08273	0.08223
0.09641	0.09793	0.08094	0.08043
0.10094	0.10272	0.0792	0.07866
0.10602	0.10782	0.07749	0.07694
0.11151	0.1135	0.07582	0.07526
0.11759	0.11977	0.07419	0.07362
0.12438	0.12682	0.07259	0.07201
0.13193	0.13469	0.07103	0.07045
0.1404	0.14352	0.0695	0.06892
0.14993	0.15343	0.06802	0.06743
0.16063	0.16463	0.06656	0.06598
0.17298	0.17758	0.06514	0.06455
0.18702	0.19231	0.06376	0.06317
0.20328	0.20943	0.06241	0.06182
0.22237	0.22965	0.06109	0.06051
0.24481	0.25351	0.05982	0.05923
0.27202	0.28267	0.05857	0.05799
0.30536	0.31864	0.05735	0.05678
0.34711	0.36419	0.05616	0.05559
0.40095	0.42364	0.055	0.05444
0.47316	0.50475	0.05387	0.05332
0.57245	0.61887	0.05278	0.05223

0.71796	0.79163	0.05171	0.05116
0.94285	1.07121	0.05067	0.05013
1.34409	1.60397	0.04965	0.04912
2.16176	2.7811	0.04866	0.04814
0.0555	0.05618	0.11686	0.11679
0.05712	0.05784	0.11426	0.11412
0.05885	0.05961	0.11171	0.1115
0.06064	0.06144	0.10922	0.10895
0.06262	0.06346	0.10677	0.10645
0.06472	0.06562	0.10438	0.10401
0.06702	0.06798	0.10203	0.10162
0.06949	0.07052	0.09973	0.09927
0.0721	0.0732	0.09747	0.09699
0.07491	0.07607	0.09528	0.09476
0.07795	0.07918	0.09311	0.09256
0.08122	0.08252	0.09099	0.09042
0.08472	0.08608	0.08892	0.08833
0.08846	0.08989	0.08689	0.08629
0.0925	0.09402	0.08492	0.0843
0.09686	0.09844	0.08299	0.08236
0.10166	0.10335	0.08111	0.08047
0.10663	0.10852	0.07928	0.07863
0.11221	0.11426	0.07749	0.07683
0.11829	0.12054	0.07576	0.0751
0.12514	0.1277	0.07407	0.0734
0.13282	0.13572	0.07241	0.07174
0.14142	0.14475	0.07079	0.07013
0.15105	0.15479	0.06922	0.06856
0.16206	0.16635	0.06769	0.06703
0.17476	0.17968	0.06619	0.06553
0.18904	0.1947	0.06474	0.06408
0.20557	0.21217	0.06333	0.06268
0.22495	0.23275	0.06195	0.06131
0.24781	0.25707	0.06062	0.05998
0.27567	0.28696	0.05931	0.05868
0.30935	0.32332	0.05805	0.05743
0.35238	0.37025	0.05681	0.05619
0.40744	0.43099	0.05561	0.055
0.48124	0.51384	0.05444	0.05384
0.58263	0.63015	0.0533	0.05271
0.73206	0.80673	0.05219	0.05161
0.9652	1.0936	0.05112	0.05055
1.37476	1.62564	0.05008	0.04951
2.21814	2.80646	0.04906	0.0485
0.05555	0.05626	0.12208	0.1218
0.05719	0.05794	0.11918	0.11881
0.05894	0.05972	0.11632	0.11589

0.06076	0.06159	0.11353	0.11305
0.0627	0.06358	0.11082	0.1103
0.06485	0.06579	0.10818	0.10761
0.06714	0.06814	0.10558	0.10498
0.06955	0.07062	0.10307	0.10243
0.07215	0.07329	0.1006	0.09995
0.07503	0.07624	0.09819	0.09752
0.07806	0.07934	0.09584	0.09515
0.08134	0.0827	0.09355	0.09284
0.08489	0.08633	0.09131	0.09058
0.08862	0.09013	0.08914	0.0884
0.09274	0.09434	0.08701	0.08627
0.0972	0.09896	0.08495	0.0842
0.10203	0.10384	0.08294	0.08219
0.10706	0.109	0.08099	0.08024
0.11263	0.11477	0.07909	0.07833
0.11887	0.12125	0.07725	0.07649
0.12581	0.12848	0.07545	0.07469
0.13346	0.13647	0.07371	0.07296
0.14211	0.14556	0.07201	0.07126
0.15181	0.15575	0.07036	0.06961
0.1631	0.1676	0.06874	0.068
0.17602	0.1812	0.06717	0.06644
0.19058	0.19661	0.06565	0.06493
0.20734	0.21435	0.06418	0.06347
0.22707	0.23535	0.06274	0.06204
0.25041	0.26025	0.06135	0.06066
0.27877	0.29071	0.06	0.05931
0.31355	0.3283	0.05868	0.05801
0.35692	0.37565	0.0574	0.05674
0.4131	0.43773	0.05616	0.05551
0.48799	0.52184	0.05495	0.05431
0.59095	0.64002	0.05378	0.05314
0.74098	0.81719	0.05264	0.05202
0.98076	1.10993	0.05153	0.05092
1.39624	1.64278	0.05045	0.04985
2.25472	2.82471	0.0494	0.04882
0.0556	0.05633	0.12725	0.12671
0.05724	0.05802	0.12399	0.12339
0.059	0.05981	0.12083	0.12017
0.06085	0.0617	0.11775	0.11705
0.06284	0.06374	0.11477	0.11404
0.06494	0.0659	0.11186	0.1111
0.0672	0.06823	0.10903	0.10824
0.0696	0.0707	0.10629	0.10548
0.07229	0.07346	0.10359	0.10277
0.0751	0.07635	0.101	0.10016

0.07818	0.07952	0.09845	0.09761
0.08152	0.08293	0.09598	0.09513
0.08494	0.08644	0.0936	0.09274
0.08869	0.09026	0.09127	0.09041
0.0928	0.09447	0.08901	0.08814
0.09723	0.0992	0.08681	0.08594
0.10229	0.10419	0.08468	0.08381
0.10732	0.10937	0.08261	0.08175
0.11291	0.11512	0.0806	0.07974
0.11917	0.12163	0.07865	0.0778
0.12613	0.12888	0.07676	0.07591
0.13391	0.137	0.07492	0.07409
0.14263	0.14613	0.07314	0.07231
0.15242	0.15642	0.0714	0.07059
0.16384	0.16851	0.06971	0.06891
0.17687	0.18226	0.06807	0.06728
0.19158	0.19786	0.06649	0.06571
0.20872	0.21611	0.06495	0.06418
0.22864	0.23732	0.06347	0.06271
0.2523	0.26265	0.06202	0.06128
0.28122	0.29384	0.06062	0.05988
0.3174	0.33301	0.05925	0.05853
0.36108	0.3808	0.05793	0.05723
0.41782	0.44363	0.05665	0.05596
0.49431	0.52963	0.0554	0.05472
0.59971	0.6508	0.05419	0.05352
0.75095	0.82959	0.05302	0.05237
0.99142	1.12154	0.05188	0.05124
1.40498	1.65468	0.05078	0.05015
2.25491	2.83758	0.04971	0.04909
0.05561	0.05636	0.13232	0.1315
0.0573	0.05809	0.1287	0.12786
0.05908	0.05991	0.12523	0.12433
0.061	0.06188	0.12184	0.12092
0.06301	0.06394	0.11858	0.11762
0.0651	0.06609	0.11541	0.11445
0.06733	0.06838	0.11234	0.11137
0.06976	0.07088	0.10936	0.10838
0.07237	0.07358	0.10648	0.10549
0.07525	0.07654	0.10366	0.10267
0.07825	0.07962	0.10095	0.09995
0.08154	0.083	0.09831	0.09731
0.08501	0.08656	0.09576	0.09476
0.08872	0.09035	0.0933	0.0923
0.09275	0.09448	0.0909	0.08991
0.09715	0.09899	0.08857	0.08759
0.10235	0.10447	0.08631	0.08534

0.1075	0.10962	0.08413	0.08317
0.11309	0.11541	0.08202	0.08106
0.1193	0.12181	0.07996	0.07902
0.12631	0.12912	0.07797	0.07704
0.13415	0.13731	0.07604	0.07513
0.1428	0.14637	0.07418	0.07328
0.15272	0.15685	0.07237	0.07148
0.1642	0.16896	0.07061	0.06973
0.17727	0.18281	0.0689	0.06804
0.1921	0.19853	0.06726	0.06642
0.20939	0.21696	0.06567	0.06484
0.22969	0.23869	0.06412	0.06331
0.25367	0.26451	0.06263	0.06183
0.28345	0.29666	0.06117	0.06039
0.32028	0.33677	0.05976	0.05899
0.36549	0.38646	0.0584	0.05765
0.42267	0.44996	0.05708	0.05635
0.49968	0.53676	0.0558	0.05508
0.60809	0.66023	0.05456	0.05385
0.76149	0.83973	0.05335	0.05266
0.9991	1.12983	0.05219	0.05152
1.41168	1.66418	0.05106	0.0504
2.25161	2.84877	0.04997	0.04932
0.05564	0.05641	0.13724	0.13615
0.05734	0.05815	0.13328	0.13217
0.05922	0.06007	0.12946	0.12832
0.06119	0.06209	0.12579	0.12462
0.06316	0.06412	0.12225	0.12108
0.06534	0.06635	0.11881	0.11764
0.06758	0.06866	0.1155	0.11433
0.06994	0.07109	0.11231	0.11113
0.07249	0.07372	0.10921	0.10804
0.07529	0.07661	0.10622	0.10505
0.07828	0.07969	0.10332	0.10216
0.08159	0.08309	0.10051	0.09936
0.08502	0.08661	0.09781	0.09667
0.08869	0.09037	0.0952	0.09407
0.09265	0.09444	0.09267	0.09156
0.09707	0.09897	0.09022	0.08912
0.10209	0.1044	0.08784	0.08676
0.10761	0.10976	0.08555	0.08448
0.11314	0.11546	0.08333	0.08228
0.11924	0.1218	0.08118	0.08015
0.1262	0.12906	0.0791	0.07809
0.13407	0.13732	0.07708	0.07609
0.14273	0.14635	0.07514	0.07416
0.15277	0.15694	0.07325	0.07229

0.16423	0.16903	0.07142	0.07048
0.17722	0.18282	0.06966	0.06873
0.19205	0.19855	0.06796	0.06705
0.20959	0.21719	0.06631	0.06542
0.2301	0.23926	0.06471	0.06384
0.25498	0.2661	0.06316	0.06231
0.2848	0.29851	0.06166	0.06083
0.32225	0.33948	0.06021	0.0594
0.36946	0.3914	0.0588	0.05801
0.42761	0.4563	0.05745	0.05668
0.50504	0.54345	0.05614	0.05538
0.61169	0.66554	0.05487	0.05413
0.76579	0.84623	0.05364	0.05291
1.00584	1.13766	0.05245	0.05174
1.42235	1.67258	0.0513	0.0506
2.26925	2.85812	0.05018	0.04951
0.0557	0.05649	0.142	0.14062
0.05746	0.05829	0.13768	0.13631
0.05938	0.06026	0.13355	0.13215
0.06147	0.06239	0.12955	0.12815
0.06362	0.06459	0.12569	0.1243
0.06577	0.0668	0.122	0.12061
0.06794	0.06904	0.11846	0.11709
0.07025	0.07142	0.11506	0.1137
0.07273	0.07398	0.11178	0.11044
0.07533	0.07667	0.10863	0.1073
0.0783	0.07974	0.10555	0.10424
0.08151	0.08304	0.10259	0.1013
0.08504	0.08666	0.09972	0.09845
0.08873	0.09046	0.09696	0.09571
0.09265	0.09448	0.09431	0.09308
0.09694	0.09893	0.09174	0.09053
0.10191	0.10429	0.08926	0.08807
0.10746	0.10968	0.08686	0.08569
0.11306	0.11544	0.08454	0.08339
0.11913	0.12173	0.0823	0.08118
0.12598	0.12886	0.08014	0.07904
0.13377	0.137	0.07804	0.07696
0.14243	0.14612	0.07602	0.07496
0.15239	0.15657	0.07406	0.07303
0.16379	0.16859	0.07217	0.07116
0.17685	0.18242	0.07034	0.06935
0.19152	0.19799	0.06859	0.06762
0.20906	0.21661	0.06688	0.06594
0.23008	0.23923	0.06523	0.06431
0.25517	0.2664	0.06363	0.06273
0.28624	0.30028	0.06208	0.0612

0.32419	0.34159	0.06058	0.05973
0.37016	0.39253	0.05914	0.0583
0.42831	0.45782	0.05776	0.05694
0.50495	0.5451	0.05642	0.05563
0.61066	0.66734	0.05513	0.05435
0.76392	0.84844	0.05387	0.05312
1.00369	1.14056	0.05266	0.05192
1.42281	1.67688	0.05149	0.05077
2.28533	2.86435	0.05035	0.04965
0.05583	0.05664	0.14657	0.1449
0.05776	0.05861	0.1419	0.14022
0.05986	0.06075	0.13739	0.13574
0.06196	0.0629	0.13307	0.13143
0.0641	0.06509	0.12892	0.12731
0.06622	0.06728	0.12499	0.1234
0.06837	0.06949	0.12124	0.11967
0.07065	0.07185	0.11764	0.11609
0.0731	0.07438	0.11416	0.11264
0.07563	0.07699	0.11084	0.10935
0.07838	0.07984	0.10763	0.10617
0.08142	0.08298	0.10453	0.10309
0.08494	0.0866	0.10151	0.1001
0.08867	0.09043	0.09861	0.09723
0.09296	0.0951	0.09581	0.09446
0.09714	0.09941	0.09314	0.09181
0.1018	0.1042	0.09055	0.08926
0.10725	0.1095	0.08805	0.08678
0.11285	0.11528	0.08564	0.0844
0.11889	0.12153	0.08332	0.08211
0.12572	0.12863	0.08107	0.07989
0.13336	0.1366	0.07891	0.07775
0.14196	0.14567	0.07681	0.07569
0.15161	0.15573	0.0748	0.0737
0.16282	0.16757	0.07284	0.07177
0.17606	0.18158	0.07094	0.0699
0.19085	0.19724	0.06913	0.06811
0.20884	0.21633	0.06736	0.06637
0.23002	0.23917	0.06566	0.0647
0.25556	0.26683	0.06402	0.06308
0.28654	0.30036	0.06243	0.06151
0.32315	0.34048	0.0609	0.06
0.36845	0.3908	0.05942	0.05855
0.42602	0.45569	0.05801	0.05716
0.5016	0.54242	0.05665	0.05583
0.60518	0.66373	0.05533	0.05453
0.75487	0.84369	0.05406	0.05327
0.98814	1.13428	0.05282	0.05206

1.39543	1.6688	0.05164	0.05089
2.23712	2.85457	0.05048	0.04976
0.0563	0.05714	0.15086	0.14887
0.05846	0.05933	0.14578	0.14383
0.06049	0.0614	0.14094	0.13902
0.06246	0.06349	0.13635	0.13448
0.06489	0.06589	0.13198	0.13014
0.0671	0.06816	0.12778	0.12598
0.06932	0.07044	0.1238	0.12203
0.0716	0.07279	0.12	0.11827
0.074	0.07529	0.11637	0.11467
0.07652	0.07789	0.11288	0.11122
0.07861	0.0801	0.10954	0.10792
0.08145	0.08304	0.10631	0.10473
0.0848	0.08649	0.10317	0.10163
0.08865	0.09056	0.10012	0.09861
0.09321	0.09512	0.0972	0.09573
0.09748	0.09948	0.09441	0.09297
0.10215	0.10429	0.09171	0.09031
0.10718	0.10946	0.08912	0.08776
0.11269	0.1151	0.08662	0.08529
0.11872	0.12139	0.08422	0.08292
0.12543	0.12837	0.0819	0.08064
0.13292	0.13624	0.07967	0.07844
0.14127	0.1449	0.07752	0.07633
0.1508	0.1549	0.07544	0.07428
0.1617	0.1664	0.07344	0.0723
0.17508	0.18056	0.07147	0.07037
0.19026	0.19646	0.06959	0.06852
0.20882	0.21635	0.06776	0.06672
0.23061	0.23957	0.06601	0.06499
0.25515	0.26604	0.06434	0.06335
0.28474	0.29812	0.06272	0.06176
0.3208	0.33757	0.06116	0.06022
0.36534	0.38689	0.05965	0.05874
0.42179	0.45036	0.0582	0.05732
0.49573	0.53516	0.05682	0.05596
0.59648	0.65371	0.05549	0.05465
0.74095	0.82928	0.05419	0.05338
0.9635	1.11208	0.05294	0.05215
1.34641	1.6324	0.05174	0.05097
2.11922	2.78616	0.05057	0.04983
0.05756	0.05847	0.15458	0.15231
0.05979	0.06067	0.14921	0.14699
0.06162	0.06254	0.14415	0.14198
0.06342	0.06439	0.13938	0.13726
0.06533	0.06635	0.13482	0.13275

0.06742	0.0685	0.13043	0.12841
0.06962	0.07077	0.12623	0.12427
0.07194	0.07317	0.12221	0.1203
0.07443	0.07575	0.11838	0.11652
0.07702	0.07843	0.11472	0.11291
0.07966	0.08117	0.11124	0.10947
0.08163	0.08325	0.10793	0.1062
0.0848	0.08653	0.10467	0.10299
0.08895	0.09096	0.10149	0.09986
0.0931	0.09503	0.09847	0.09688
0.0974	0.09947	0.09556	0.09402
0.10211	0.10429	0.09276	0.09126
0.10718	0.1095	0.09006	0.08861
0.11265	0.11515	0.08748	0.08606
0.11865	0.12136	0.085	0.08362
0.12525	0.12822	0.08261	0.08128
0.13259	0.13588	0.08032	0.07902
0.14077	0.14442	0.07812	0.07686
0.15004	0.15418	0.076	0.07477
0.16076	0.16543	0.07393	0.07274
0.17495	0.18022	0.07187	0.07072
0.19046	0.19676	0.06994	0.06882
0.20885	0.21624	0.06807	0.06698
0.22939	0.23814	0.06629	0.06523
0.25342	0.26391	0.06459	0.06356
0.28227	0.29508	0.06295	0.06195
0.31748	0.33339	0.06136	0.06039
0.36096	0.38127	0.05983	0.05889
0.41595	0.44261	0.05835	0.05744
0.48758	0.52396	0.05693	0.05604
0.58509	0.63756	0.05558	0.05472
0.72364	0.80433	0.05427	0.05343
0.93522	1.07164	0.05301	0.0522
1.29256	1.55898	0.0518	0.05101
1.98836	2.62369	0.05062	0.04985
0.05872	0.05958	0.15797	0.15541
0.06031	0.06121	0.15251	0.15001
0.06197	0.0629	0.14729	0.14487
0.06369	0.06468	0.14231	0.13996
0.06561	0.06665	0.1375	0.13522
0.06771	0.06881	0.13288	0.13066
0.06994	0.07112	0.12845	0.1263
0.07222	0.07348	0.12427	0.12218
0.07463	0.07598	0.12028	0.11825
0.07727	0.0787	0.11645	0.11447
0.08005	0.08159	0.11279	0.11087
0.08288	0.08454	0.10931	0.10745

0.08557	0.08732	0.10599	0.10418
0.08937	0.09126	0.10271	0.10095
0.09288	0.09486	0.09961	0.09791
0.09735	0.09944	0.09658	0.09493
0.10203	0.10427	0.09369	0.09209
0.10706	0.10945	0.09091	0.08936
0.11255	0.11511	0.08824	0.08674
0.1185	0.12126	0.08568	0.08423
0.12524	0.1283	0.0832	0.08179
0.1325	0.13587	0.08085	0.07948
0.14063	0.14437	0.07859	0.07726
0.14995	0.15406	0.07641	0.07512
0.16177	0.16638	0.07424	0.073
0.17636	0.18183	0.07212	0.07092
0.19111	0.19737	0.07016	0.069
0.20808	0.21532	0.06829	0.06716
0.22788	0.23639	0.06649	0.06539
0.25122	0.26136	0.06477	0.0637
0.2792	0.29147	0.06311	0.06207
0.31331	0.32842	0.0615	0.0605
0.35548	0.37448	0.05995	0.05898
0.40875	0.43334	0.05846	0.05751
0.47785	0.51085	0.05701	0.0561
0.57107	0.61753	0.05563	0.05474
0.70348	0.77329	0.05431	0.05345
0.90513	1.02084	0.05305	0.05222
1.23794	1.45686	0.05183	0.05102
1.86778	2.36873	0.05064	0.04985
0.05932	0.06018	0.15869	0.15596
0.06087	0.0618	0.1532	0.15056
0.06256	0.06352	0.14786	0.1453
0.06431	0.06533	0.14278	0.1403
0.06623	0.06731	0.13789	0.13548
0.06841	0.06956	0.13315	0.13082
0.07076	0.072	0.1286	0.12634
0.07313	0.07445	0.12433	0.12215
0.07557	0.07694	0.12031	0.11819
0.07821	0.07971	0.11643	0.11438
0.0803	0.08185	0.11385	0.11183
0.0832	0.08488	0.11026	0.1083
0.08617	0.08798	0.10684	0.10494
0.08956	0.09149	0.10352	0.10168
0.09268	0.09472	0.10038	0.0986
0.09694	0.0991	0.0975	0.09575
0.10184	0.10415	0.0945	0.09281
0.10682	0.10928	0.09164	0.09001
0.11229	0.11493	0.0889	0.08732

0.11887	0.12174	0.08621	0.08468
0.12636	0.12945	0.08358	0.08211
0.13427	0.13775	0.08114	0.07971
0.14275	0.14661	0.07881	0.07743
0.15261	0.15689	0.07656	0.07522
0.1639	0.16871	0.07436	0.07306
0.17639	0.18183	0.07227	0.07102
0.19049	0.19668	0.07031	0.06909
0.20677	0.21395	0.06844	0.06726
0.22589	0.23428	0.06663	0.06549
0.24853	0.25845	0.06488	0.06378
0.27561	0.28749	0.06321	0.06214
0.30851	0.32299	0.06159	0.06056
0.34915	0.36716	0.06003	0.05902
0.40034	0.42328	0.05851	0.05754
0.46655	0.49668	0.05705	0.05611
0.55529	0.59667	0.05565	0.05474
0.68118	0.74188	0.05432	0.05344
0.87122	0.96824	0.05307	0.05221
1.17803	1.35098	0.05182	0.05099
1.74669	2.11236	0.05062	0.04982
0.04194	0.04193	0.05549	0.0574
0.04263	0.04261	0.0557	0.05756
0.04354	0.04351	0.05627	0.05807
0.04449	0.04446	0.05678	0.05851
0.04549	0.04545	0.05722	0.05888
0.04655	0.04649	0.05759	0.05918
0.04765	0.04752	0.0579	0.05942
0.04863	0.04822	0.05815	0.05959
0.04975	0.0494	0.05834	0.05971
0.04216	0.0422	0.05877	0.06076
0.0431	0.04313	0.05936	0.06128
0.04407	0.04412	0.06109	0.06295
0.04508	0.04512	0.0615	0.06329
0.04614	0.04618	0.06184	0.06354
0.04724	0.04727	0.06211	0.06372
0.0484	0.04842	0.06231	0.06384
0.0496	0.04961	0.06245	0.0639
0.05085	0.05085	0.06253	0.0639
0.04046	0.0405	0.05691	0.059
0.04138	0.04141	0.05763	0.05966
0.03139	0.03159	0.0603	0.06309
0.03193	0.03214	0.0613	0.06424
0.03251	0.03272	0.06241	0.06545
0.03311	0.03333	0.06359	0.0667
0.03372	0.03394	0.06481	0.06796
0.03436	0.03457	0.06603	0.06918

0.03507	0.03529	0.0672	0.07033
0.03581	0.03603	0.06835	0.07141
0.03658	0.0368	0.06941	0.0724
0.03733	0.03755	0.0704	0.07332
0.03815	0.03837	0.07128	0.07413
0.03897	0.03919	0.07208	0.07482
0.03984	0.04005	0.07279	0.0754
0.04073	0.04095	0.07337	0.07586
0.02987	0.03009	0.06444	0.06713
0.03037	0.03059	0.06513	0.06807
0.03092	0.03114	0.06603	0.06918
0.03147	0.03169	0.06712	0.07043
0.03201	0.03225	0.06835	0.07178
0.03259	0.03283	0.06965	0.07316
0.03321	0.03345	0.07098	0.07453
0.03382	0.03406	0.07231	0.07584
0.03447	0.03472	0.0736	0.07711
0.03516	0.03541	0.07481	0.07826
0.03591	0.03617	0.07592	0.07928
0.03669	0.03695	0.07696	0.08019
0.03747	0.03773	0.07787	0.08098
0.03831	0.03856	0.07865	0.08163
0.03916	0.03943	0.07931	0.08218
0.04003	0.04029	0.07986	0.08259
0.04095	0.04121	0.0803	0.08287
0.02904	0.02926	0.07049	0.07321
0.0295	0.02973	0.0709	0.07396
0.02995	0.03018	0.07166	0.07502
0.03044	0.03067	0.07266	0.07628
0.03095	0.03119	0.0739	0.07769
0.0315	0.03175	0.07524	0.07916
0.03204	0.0323	0.07669	0.08069
0.03264	0.0329	0.07815	0.08217
0.03325	0.03352	0.07959	0.08359
0.03386	0.03413	0.08099	0.08493
0.0345	0.03478	0.08229	0.08614
0.03522	0.03551	0.08346	0.08719
0.03598	0.03626	0.0845	0.08811
0.03671	0.037	0.08542	0.08888
0.03754	0.03784	0.08617	0.08947
0.0384	0.0387	0.0868	0.08991
0.03928	0.03957	0.08727	0.09021
0.04018	0.04049	0.08761	0.09039
0.04114	0.04144	0.08782	0.09042
0.02859	0.02882	0.07813	0.08126
0.02907	0.0293	0.07848	0.08201
0.02954	0.02978	0.07926	0.08314

0.03003	0.03027	0.08037	0.08454
0.03049	0.03074	0.08175	0.08615
0.03099	0.03125	0.08328	0.08782
0.03154	0.03181	0.08487	0.08949
0.03209	0.03236	0.0865	0.09113
0.03263	0.03291	0.0881	0.09268
0.03324	0.03353	0.08959	0.09408
0.03386	0.03415	0.09097	0.09533
0.0345	0.0348	0.0922	0.0964
0.03522	0.03553	0.09325	0.09727
0.03595	0.03627	0.09416	0.09796
0.03673	0.03705	0.09487	0.09847
0.03756	0.03789	0.09539	0.09881
0.03841	0.03873	0.09576	0.09897
0.03931	0.03964	0.09598	0.09896
0.04027	0.0406	0.09602	0.0988
0.04126	0.04159	0.09592	0.09853
0.02811	0.02835	0.08722	0.09083
0.02858	0.02882	0.08753	0.09161
0.02905	0.0293	0.08833	0.09284
0.02954	0.02979	0.08954	0.09439
0.03003	0.03028	0.09105	0.09618
0.03053	0.0308	0.09275	0.09804
0.03103	0.0313	0.09456	0.09991
0.03154	0.03182	0.09638	0.10172
0.03209	0.03238	0.0981	0.10336
0.03261	0.03291	0.09974	0.10483
0.03319	0.0335	0.10119	0.1061
0.03381	0.03412	0.10244	0.10714
0.03443	0.03476	0.1035	0.10797
0.03513	0.03547	0.10432	0.10854
0.03585	0.03619	0.10494	0.10891
0.03665	0.037	0.10533	0.10907
0.03747	0.03783	0.10554	0.10902
0.03836	0.03872	0.10557	0.10879
0.03929	0.03965	0.1054	0.1084
0.04027	0.04063	0.1051	0.10785
0.04128	0.04165	0.10463	0.10716
0.02813	0.02837	0.09829	0.1031
0.02861	0.02886	0.0991	0.10443
0.02907	0.02933	0.10046	0.1062
0.02955	0.02982	0.10216	0.10819
0.03005	0.03032	0.10407	0.11027
0.03056	0.03083	0.10609	0.11233
0.03106	0.03135	0.10809	0.11428
0.03158	0.03187	0.10999	0.11603
0.03209	0.03239	0.11173	0.11757

0.03263	0.03294	0.11324	0.11882
0.03317	0.03349	0.11449	0.11981
0.03376	0.03409	0.11548	0.1205
0.03437	0.03471	0.11621	0.12092
0.03504	0.0354	0.11667	0.12106
0.03576	0.03613	0.11688	0.12095
0.03657	0.03694	0.11686	0.1206
0.03739	0.03777	0.11662	0.12007
0.03827	0.03865	0.11618	0.11938
0.03919	0.03959	0.1156	0.1185
0.04019	0.04058	0.11482	0.11747
0.04124	0.04164	0.1139	0.11633
0.02816	0.02841	0.11214	0.1185
0.02863	0.02889	0.11361	0.12051
0.02909	0.02936	0.11556	0.1228
0.02958	0.02985	0.11774	0.12515
0.03008	0.03036	0.12003	0.12742
0.03058	0.03087	0.12223	0.1295
0.03109	0.03139	0.12427	0.13132
0.03161	0.03192	0.12607	0.13281
0.0321	0.03241	0.12759	0.13401
0.03261	0.03294	0.12881	0.13483
0.03313	0.03347	0.1297	0.13532
0.0337	0.03405	0.13023	0.13542
0.0343	0.03466	0.13046	0.13524
0.03497	0.03534	0.13037	0.13477
0.0357	0.03608	0.13001	0.13406
0.03646	0.03686	0.12941	0.13311
0.03727	0.03767	0.1286	0.13197
0.03813	0.03855	0.12762	0.13066
0.03904	0.03946	0.12647	0.12921
0.04002	0.04045	0.12515	0.12765
0.04108	0.04151	0.12373	0.12596
0.02819	0.02846	0.12975	0.13812
0.02864	0.02891	0.13202	0.1408
0.02911	0.02938	0.13454	0.1435
0.02959	0.02987	0.1371	0.14601
0.0301	0.03039	0.13952	0.14819
0.03062	0.03091	0.14168	0.14997
0.03114	0.03145	0.14348	0.15132
0.03165	0.03197	0.14492	0.15226
0.03215	0.03247	0.14595	0.15279
0.03261	0.03295	0.14663	0.15294
0.0331	0.03344	0.1469	0.15265
0.03362	0.03398	0.14676	0.152
0.03423	0.03461	0.14624	0.15099
0.03489	0.03527	0.14541	0.14971

0.0356	0.036	0.1443	0.14819
0.03636	0.03677	0.14297	0.14647
0.03717	0.03759	0.14145	0.14459
0.038	0.03844	0.13977	0.14261
0.0389	0.03934	0.13795	0.14049
0.03982	0.04027	0.13606	0.13829
0.04081	0.04127	0.13404	0.13601
0.02822	0.02849	0.15245	0.16334
0.02867	0.02894	0.15545	0.16645
0.02913	0.02941	0.15841	0.16924
0.02959	0.02988	0.16111	0.17153
0.03009	0.03039	0.16334	0.17322
0.03061	0.03091	0.16505	0.17426
0.03116	0.03148	0.16619	0.17466
0.03172	0.03205	0.16677	0.17452
0.03225	0.03258	0.16694	0.17397
0.03271	0.03305	0.16669	0.17307
0.03309	0.03345	0.16612	0.17182
0.03357	0.03394	0.165	0.17014
0.03416	0.03455	0.16351	0.16809
0.0348	0.0352	0.16171	0.1658
0.03549	0.0359	0.15968	0.16331
0.03622	0.03665	0.15746	0.16067
0.03701	0.03745	0.15508	0.15792
0.03785	0.0383	0.15261	0.15509
0.03872	0.03918	0.15003	0.15221
0.0396	0.04007	0.1474	0.1493
0.04055	0.04103	0.14471	0.14638
0.02822	0.02851	0.18203	0.1959
0.02868	0.02896	0.18547	0.19891
0.02913	0.02943	0.1884	0.20114
0.0296	0.0299	0.19067	0.2025
0.03007	0.03038	0.19217	0.20301
0.0306	0.03091	0.19282	0.20267
0.03114	0.03146	0.19274	0.20159
0.03173	0.03206	0.19199	0.19985
0.03232	0.03267	0.19066	0.19765
0.03288	0.03323	0.18898	0.19515
0.03327	0.03363	0.18711	0.19257
0.0336	0.03398	0.1849	0.18969
0.03416	0.03455	0.18217	0.18636
0.03478	0.03519	0.1792	0.18283
0.03544	0.03586	0.17605	0.17921
0.03615	0.03659	0.17277	0.17551
0.03689	0.03734	0.16941	0.17179
0.03769	0.03815	0.16599	0.16807
0.03852	0.039	0.16255	0.16433

0.03936	0.03985	0.15911	0.16063
0.04025	0.04075	0.15568	0.15697
0.02783	0.02813	0.22201	0.23899
0.02861	0.02891	0.22404	0.23985
0.02912	0.02943	0.22583	0.24024
0.02959	0.0299	0.22676	0.23963
0.03006	0.03038	0.22658	0.23796
0.03056	0.03089	0.22541	0.2354
0.03111	0.03144	0.22333	0.23206
0.0317	0.03204	0.22057	0.22818
0.03234	0.03269	0.21723	0.2238
0.03301	0.03338	0.21347	0.21917
0.03354	0.03392	0.20974	0.21462
0.03381	0.0342	0.20614	0.2103
0.03429	0.03469	0.20197	0.20556
0.0348	0.03521	0.19768	0.2007
0.0354	0.03583	0.19325	0.19581
0.03608	0.03653	0.18876	0.19092
0.03682	0.03729	0.18426	0.18608
0.0376	0.03808	0.17981	0.18132
0.03839	0.03888	0.17542	0.17666
0.03919	0.0397	0.1711	0.17211
0.04001	0.04053	0.16687	0.16766
0.02678	0.02708	0.2738	0.29363
0.02778	0.02809	0.27528	0.29268
0.02875	0.02906	0.27335	0.2886
0.0295	0.02982	0.27037	0.28352
0.03004	0.03036	0.26698	0.27824
0.03054	0.03087	0.26285	0.2724
0.03106	0.03141	0.25799	0.26603
0.03169	0.03204	0.25235	0.25917
0.03238	0.03274	0.24632	0.25204
0.03319	0.03356	0.23985	0.24466
0.0339	0.03429	0.23359	0.23765
0.03437	0.03477	0.22796	0.2313
0.03475	0.03517	0.22236	0.22511
0.03513	0.03556	0.21669	0.21893
0.03558	0.03602	0.21093	0.21278
0.03612	0.03657	0.2052	0.20666
0.03679	0.03726	0.1995	0.20065
0.03751	0.038	0.19393	0.19481
0.03829	0.0388	0.1885	0.18915
0.0391	0.03961	0.18323	0.18368
0.03992	0.04046	0.17811	0.17839
0.02504	0.02533	0.32389	0.34872
0.02622	0.02652	0.33453	0.35478
0.02757	0.02789	0.33247	0.34855

0.02867	0.029	0.32417	0.33621
0.02965	0.02999	0.31481	0.32477
0.03044	0.03079	0.30533	0.31351
0.03105	0.0314	0.29624	0.30294
0.03162	0.03198	0.28723	0.29263
0.03245	0.03282	0.27752	0.28192
0.03338	0.03376	0.26772	0.27134
0.03425	0.03461	0.25839	0.26132
0.03484	0.03522	0.25044	0.25275
0.03524	0.03567	0.24312	0.2449
0.03571	0.03615	0.23577	0.23709
0.03619	0.03664	0.22856	0.22952
0.03668	0.03715	0.22151	0.2222
0.03725	0.03773	0.21465	0.21505
0.03789	0.0384	0.20797	0.20815
0.03864	0.03916	0.20146	0.20149
0.0394	0.03994	0.19523	0.19511
0.0402	0.04075	0.18924	0.18898
0.02505	0.02535	0.40049	0.4201
0.02619	0.02651	0.40012	0.41453
0.02732	0.02765	0.38781	0.39985
0.0287	0.02905	0.36962	0.37817
0.0299	0.03025	0.35365	0.35936
0.03094	0.0313	0.33803	0.34253
0.0316	0.03197	0.3243	0.32777
0.03231	0.03268	0.31115	0.31377
0.03335	0.03373	0.29758	0.29955
0.0343	0.03468	0.28494	0.28642
0.03501	0.03541	0.27405	0.27504
0.03559	0.036	0.26427	0.26489
0.03623	0.03665	0.25485	0.25515
0.0368	0.03727	0.24604	0.24603
0.03735	0.03783	0.23761	0.23741
0.03792	0.03842	0.22952	0.22911
0.03856	0.03909	0.22169	0.22115
0.03925	0.03979	0.21421	0.21352
0.04002	0.04057	0.20702	0.20623
0.04077	0.04134	0.20015	0.19929
0.02574	0.02605	0.47717	0.48608
0.02659	0.02691	0.45684	0.46242
0.02813	0.02847	0.43103	0.43529
0.0295	0.02986	0.40487	0.40712
0.03056	0.03093	0.38326	0.38475
0.03157	0.03194	0.36315	0.3641
0.03238	0.03277	0.34526	0.3457
0.03332	0.03371	0.32832	0.32835
0.03433	0.0347	0.31228	0.31208

0.03514	0.03555	0.29812	0.29767
0.03589	0.03631	0.28552	0.28481
0.03658	0.03703	0.27402	0.27312
0.03724	0.03771	0.26338	0.26235
0.03787	0.03835	0.25349	0.25231
0.0385	0.039	0.24411	0.24285
0.03915	0.03969	0.2352	0.23384
0.03985	0.04041	0.22665	0.22526
0.04059	0.04117	0.21853	0.21709
0.04137	0.04197	0.2108	0.2093
0.02682	0.02715	0.53033	0.52933
0.0281	0.02846	0.49261	0.49148
0.02929	0.02966	0.45766	0.45637
0.03023	0.0306	0.42981	0.42765
0.03133	0.03172	0.40374	0.40163
0.03231	0.03271	0.38052	0.37836
0.03313	0.03353	0.36007	0.35788
0.0342	0.03462	0.34046	0.33831
0.03522	0.03563	0.32245	0.32037
0.03609	0.03654	0.30693	0.30477
0.03679	0.03725	0.29344	0.29125
0.03746	0.03795	0.281	0.27884
0.03815	0.03865	0.26943	0.26724
0.03886	0.03937	0.25861	0.25641
0.03958	0.04012	0.24842	0.24626
0.04036	0.04092	0.23879	0.23661
0.04113	0.04172	0.2297	0.22756
0.04195	0.04257	0.2211	0.21898
0.0269	0.02725	0.60404	0.59469
0.02785	0.02821	0.55611	0.54834
0.02883	0.02921	0.51385	0.50763
0.02979	0.03017	0.47703	0.47123
0.03085	0.03124	0.44553	0.43988
0.03198	0.03238	0.41692	0.41186
0.03292	0.03333	0.39186	0.38725
0.03379	0.03421	0.36963	0.36535
0.03494	0.03537	0.3485	0.34458
0.03599	0.03644	0.32935	0.3257
0.0369	0.03736	0.31292	0.30941
0.03765	0.03814	0.29846	0.29508
0.03839	0.0389	0.2852	0.28192
0.03908	0.03962	0.27303	0.26985
0.03983	0.04039	0.26155	0.25852
0.04063	0.04122	0.25079	0.24783
0.04148	0.04209	0.24068	0.23779
0.04236	0.04301	0.23112	0.22835
0.02757	0.02793	0.61826	0.60326

0.0284	0.02878	0.56859	0.55589
0.02927	0.02966	0.52522	0.51482
0.03019	0.03059	0.48698	0.47819
0.03114	0.03155	0.45433	0.44606
0.03212	0.03254	0.42521	0.41787
0.03304	0.03347	0.39931	0.39271
0.034	0.03444	0.37597	0.37
0.03504	0.0355	0.35467	0.34923
0.03613	0.0366	0.33526	0.3303
0.03709	0.03755	0.3179	0.31328
0.03799	0.03849	0.30223	0.29786
0.03892	0.03946	0.28789	0.28375
0.03982	0.04038	0.27479	0.27085
0.04073	0.04132	0.2627	0.25895
0.04169	0.04231	0.25141	0.24782
0.04261	0.04326	0.24095	0.2375
0.04168	0.04191	0.07602	0.07845
0.04269	0.04291	0.07637	0.07864
0.04371	0.04394	0.07659	0.07875
0.04475	0.04498	0.07676	0.07876
0.04582	0.04605	0.07683	0.07868
0.04192	0.04219	0.08298	0.08542
0.04294	0.04321	0.08312	0.08541
0.04397	0.04424	0.08314	0.08528
0.04502	0.0453	0.08307	0.08508
0.04612	0.04641	0.08294	0.08478
0.04209	0.0424	0.09048	0.09292
0.04314	0.04345	0.09034	0.09263
0.0442	0.04451	0.09012	0.09223
0.04526	0.04559	0.08979	0.09174
0.04637	0.0467	0.08937	0.09118
0.04219	0.04254	0.09851	0.10091
0.04328	0.04363	0.09805	0.10026
0.04437	0.04473	0.09752	0.09954
0.04546	0.04583	0.09688	0.09874
0.04659	0.04697	0.09615	0.09787
0.04223	0.04263	0.10705	0.10937
0.04335	0.04374	0.10623	0.10833
0.04452	0.04491	0.10528	0.10721
0.04564	0.04604	0.1043	0.10603
0.04678	0.04719	0.10323	0.10478
0.0422	0.04261	0.1161	0.11826
0.04336	0.04378	0.11481	0.11677
0.0446	0.04503	0.11343	0.11517
0.04576	0.0462	0.11203	0.11358
0.04692	0.04736	0.11056	0.11194
0.04206	0.0425	0.1256	0.12756

0.04327	0.04371	0.1238	0.12552
0.04455	0.04501	0.12193	0.12345
0.04585	0.04632	0.11999	0.12135
0.04702	0.0475	0.11811	0.11927
0.0417	0.04217	0.13553	0.13722
0.04293	0.04341	0.13316	0.13461
0.04429	0.04478	0.13072	0.13198
0.04575	0.04625	0.12825	0.12932
0.04709	0.0476	0.12581	0.12673
0.04135	0.04184	0.14574	0.14709
0.04244	0.04294	0.14277	0.14392
0.04373	0.04424	0.13978	0.14074
0.04531	0.04583	0.13672	0.13751
0.04704	0.04758	0.13366	0.13428
0.04095	0.04146	0.15617	0.15712
0.04196	0.04248	0.15254	0.1533
0.04303	0.04355	0.14898	0.14955
0.04073	0.04126	0.16669	0.16716
0.04159	0.04213	0.16237	0.16268
0.0425	0.04305	0.15815	0.15831
0.04075	0.04129	0.17719	0.17715
0.04161	0.04216	0.17211	0.17195
0.04252	0.04308	0.1672	0.16692
0.04106	0.04162	0.18754	0.18699
0.0419	0.04248	0.18171	0.18105
0.04283	0.04342	0.17609	0.17535
0.04167	0.04227	0.19763	0.19651
0.04251	0.04312	0.19106	0.1899
0.04344	0.04406	0.18475	0.18355
0.04231	0.04293	0.20745	0.20573
0.04318	0.04382	0.20014	0.19841
0.04411	0.04476	0.19314	0.19143
0.04289	0.04353	0.21693	0.21462
0.04378	0.04444	0.2089	0.20661
0.04474	0.04543	0.20125	0.199
0.04329	0.04396	0.22614	0.22322
0.04428	0.04497	0.21733	0.2145
0.04528	0.04598	0.20903	0.20626
0.0435	0.04418	0.23516	0.23162
0.04452	0.04523	0.2256	0.22217
0.04555	0.04629	0.21661	0.21331
0.05028	0.05074	0.09987	0.10099
0.05161	0.05209	0.09859	0.09959
0.05302	0.05353	0.09729	0.09816
0.05044	0.05093	0.10618	0.10713
0.05177	0.05229	0.10458	0.1054
0.05321	0.05375	0.10294	0.10364

0.05055	0.05108	0.11258	0.11335
0.05192	0.05247	0.11065	0.11126
0.05335	0.05393	0.10868	0.10918
0.05064	0.0512	0.11909	0.1196
0.05201	0.0526	0.11674	0.11716
0.05347	0.05408	0.11444	0.11472
0.05074	0.05133	0.12561	0.12586
0.05209	0.05271	0.12287	0.12302
0.05353	0.05417	0.12018	0.12025
0.0508	0.05141	0.13213	0.13209
0.05214	0.05278	0.12898	0.12886
0.05358	0.05425	0.1259	0.12569
0.05082	0.05145	0.1386	0.13826
0.05216	0.05282	0.13503	0.13462
0.0536	0.05429	0.13155	0.13107
0.05073	0.05139	0.145	0.14434
0.05218	0.05286	0.14096	0.14026
0.05361	0.05432	0.13709	0.13633
0.05029	0.05097	0.15137	0.15039
0.05212	0.05283	0.1468	0.14578
0.05361	0.05434	0.1425	0.14145
0.05011	0.0508	0.15751	0.15617
0.05191	0.05264	0.15252	0.15116
0.05358	0.05434	0.14776	0.14641
0.04995	0.05067	0.16346	0.16178
0.05169	0.05245	0.15804	0.15636
0.05348	0.05426	0.15286	0.15119
0.05048	0.05125	0.16903	0.16698
0.05197	0.05275	0.16325	0.16123
0.05358	0.05439	0.15771	0.15572
0.05105	0.05184	0.17433	0.1719
0.05261	0.05342	0.16811	0.16574
0.05465	0.05548	0.16209	0.15973
0.05219	0.05301	0.17914	0.17629
0.05413	0.05496	0.1723	0.16955
0.0565	0.05733	0.16571	0.16304
0.04421	0.04475	0.14618	0.1466
0.04622	0.04678	0.14248	0.14277
0.0434	0.04395	0.1548	0.15482
0.04498	0.04555	0.15066	0.15056
0.04345	0.04402	0.16322	0.16282
0.04451	0.0451	0.15856	0.15808
0.04379	0.04439	0.17148	0.17064
0.04487	0.04548	0.16622	0.16535
0.04443	0.04506	0.17951	0.17823
0.0455	0.04614	0.17366	0.17236
0.04512	0.04578	0.18727	0.18552

0.04618	0.04685	0.18085	0.17912
0.04577	0.04647	0.19475	0.19251
0.04683	0.04755	0.18778	0.18558
0.04635	0.04708	0.20192	0.19919
0.04745	0.0482	0.19439	0.19174
0.04665	0.04742	0.20889	0.20566
0.04782	0.0486	0.20078	0.19767
0.04695	0.04721	0.07813	0.07988
0.04814	0.04841	0.07797	0.07959
0.04726	0.04756	0.0841	0.0858
0.04847	0.04879	0.08373	0.08531
0.04752	0.04788	0.09039	0.09201
0.04875	0.04912	0.08976	0.09124
0.04775	0.04814	0.09696	0.09847
0.04897	0.04938	0.09602	0.09738
0.04792	0.04835	0.10375	0.10514
0.04915	0.0496	0.10251	0.10372
0.04805	0.04852	0.11078	0.11196
0.04929	0.04977	0.10914	0.1102
0.04816	0.04866	0.11797	0.11893
0.0494	0.04992	0.11593	0.11675
0.04824	0.04877	0.12528	0.12599
0.0495	0.05004	0.12281	0.12338
0.04831	0.04886	0.13264	0.13307
0.04958	0.05015	0.12973	0.13001
0.04818	0.04877	0.14075	0.14082
0.04959	0.05019	0.13727	0.13723
0.04715	0.04774	0.14843	0.14815
0.04944	0.05007	0.14419	0.14383
0.04625	0.04686	0.1559	0.15526
0.04856	0.0492	0.15121	0.15052
0.04627	0.0469	0.16307	0.16204
0.04813	0.04879	0.15796	0.15691
0.04677	0.04743	0.16997	0.16854
0.0482	0.04888	0.16443	0.163
0.04743	0.04812	0.17661	0.17477
0.04874	0.04945	0.1706	0.16879
0.04811	0.04884	0.18296	0.18072
0.04935	0.05011	0.17649	0.17429
0.04871	0.04948	0.18904	0.18636
0.04997	0.05076	0.1821	0.17949
0.04912	0.04992	0.19485	0.19175
0.0508	0.05161	0.18731	0.18426
0.04969	0.05008	0.0897	0.09108
0.05098	0.05139	0.08893	0.09018
0.04992	0.05034	0.09576	0.09701
0.05123	0.05168	0.09472	0.09584

0.04912	0.0494	0.07891	0.08045
0.05041	0.0507	0.0786	0.08
0.04945	0.04979	0.08458	0.08603
0.05075	0.0511	0.08402	0.08535
0.05162	0.05203	0.0888	0.08999
0.05305	0.05348	0.08793	0.08899
0.05188	0.05235	0.09448	0.09553
0.0533	0.05379	0.09334	0.09428
0.05103	0.05134	0.07866	0.08001
0.0524	0.05271	0.07821	0.07947
0.05138	0.05175	0.08398	0.08527
0.05277	0.05315	0.08333	0.08449
0.02773	0.02797	0.09656	0.10067
0.02776	0.02801	0.10945	0.11502
0.02781	0.02806	0.12579	0.13331
0.02783	0.0281	0.14691	0.15703
0.02776	0.02804	0.17497	0.18832
0.02728	0.02757	0.21345	0.23056
0.02638	0.02668	0.26254	0.28318
0.02474	0.02502	0.30855	0.33621
0.02744	0.02767	0.0989	0.10285
0.02747	0.02772	0.11195	0.11737
0.02751	0.02776	0.12854	0.13598
0.0275	0.02776	0.15017	0.16034
0.0273	0.02758	0.17932	0.19308
0.02674	0.02703	0.21945	0.23751
0.02582	0.02611	0.26679	0.28987
0.02438	0.02467	0.31505	0.34604
0.02719	0.02744	0.10775	0.11222
0.02721	0.02746	0.12273	0.12893
0.02717	0.02743	0.14211	0.15073
0.02704	0.02731	0.16786	0.17984
0.0266	0.02689	0.20332	0.21971
0.02615	0.02644	0.25132	0.27093
0.02474	0.02503	0.29426	0.32399
0.02695	0.02719	0.10974	0.114
0.02693	0.02718	0.12491	0.13083
0.02687	0.02713	0.14443	0.15279
0.02669	0.02696	0.17049	0.18229
0.02631	0.0266	0.20622	0.22274
0.02592	0.02621	0.25478	0.27441
0.02469	0.02498	0.30002	0.33074
0.02665	0.0269	0.12451	0.12982
0.02659	0.02685	0.14334	0.15088
0.02642	0.02669	0.16831	0.17913
0.02612	0.02641	0.20234	0.21787
0.02585	0.02614	0.24955	0.2692

0.02492	0.02522	0.30006	0.32796
0.026	0.02628	0.18982	0.20274
0.02577	0.02606	0.23109	0.24989
0.02545	0.02575	0.28755	0.31046
0.0258	0.02608	0.1936	0.20608
0.0256	0.02589	0.23531	0.25407
0.02544	0.02574	0.29517	0.31928
0.02565	0.02592	0.19203	0.2032
0.02548	0.02577	0.23188	0.24891
0.02532	0.02562	0.28894	0.3126
0.0259	0.02618	0.17559	0.18558
0.02617	0.02644	0.17294	0.18366
0.02605	0.02631	0.15959	0.16777
0.02631	0.02657	0.15301	0.16113
0.02455	0.02487	0.56222	0.62399
0.02455	0.02489	0.85648	1.02048
0.02371	0.02403	0.76053	0.89551
0.02391	0.02426	1.44208	1.78704
0.02293	0.02325	1.15057	1.40012
0.02328	0.02363	3.09453	3.48775
0.02269	0.02302	2.16576	2.29687
0.02502	0.02533	0.38597	0.42284
0.02433	0.02465	0.49345	0.55806
0.02339	0.0237	0.64998	0.76952
0.0253	0.0256	0.25346	0.27276
0.02517	0.02547	0.31966	0.34672
0.02475	0.02506	0.40811	0.44978
0.02498	0.0253	0.41611	0.4635
0.02507	0.02537	0.30878	0.33544

Ranch EIR Residential Project Construction Parameters

Construction Phase

Phase Name	Phase Type	Start Date	End Date	lum Days Wee	Total Num Construction Days
PHASE 1	Date: 12/12/2019 3:02 PM				
Demolition	Demolition	6/21/2021	7/2/2021	5	10
Site Preparation	Site Preparation	7/3/2021	7/30/2021	5	20
Grading	Grading	7/31/2021	10/13/2021	5	53
Building Construction	Building Construction	10/14/2021	10/20/2023	5	527
Architectural Coating	Architectural Coating	9/1/2023	10/23/2023	5	37
Paving	Paving	10/21/2023	12/12/2023	5	37
PHASE 2	Date: 12/12/2019 11:08 AM				
Site Preparation	Site Preparation	3/19/2024	4/16/2024	5	21
Grading	Grading	4/17/2024	7/5/2024	5	58
Building Construction	Building Construction	7/6/2024	10/7/2026	5	588
Architectural Coating	Architectural Coating	8/13/2026	10/7/2026	5	40
Paving	Paving	10/8/2026	12/2/2026	5	40
PHASE 3	Date: 12/12/2019 11:18 AM				
Site Preparation	Site Preparation	3/22/2027	4/21/2027	5	23
Grading	Grading	4/22/2027	7/13/2027	5	59
Building Construction	Building Construction	7/14/2027	10/15/2029	5	589
Architectural Coating	Architectural Coating	8/17/2029	10/15/2029	5	42
Paving	Paving	10/16/2029	12/12/2029	5	42

OffRoad Equipment

PHASE 1	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8	81	0.73
Demolition	Excavators	3	8	158	0.38
Demolition	Rubber Tired Dozers	2	8	247	0.4
Site Preparation	Rubber Tired Dozers	3	8	247	0.4
Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37
Grading	Excavators	2	8	158	0.38
Grading	Graders	1	8	187	0.41
Grading	Rubber Tired Dozers	1	8	247	0.4
Grading	Scrapers	2	8	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8	97	0.37
Building Construction	Cranes	1	8	231	0.29
Building Construction	Forklifts	3	8	89	0.2
Building Construction	Generator Sets	1	8	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8	97	0.37
Building Construction	Welders	1	8	46	0.45
Architectural Coating	Air Compressors	1	8	78	0.48
Paving	Pavers	2	8	130	0.42
Paving	Paving Equipment	2	8	132	0.36
Paving	Rollers	2	8	80	0.38
PHASE 2					
Site Preparation	Rubber Tired Dozers	3	8	247	0.4
Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37
Grading	Excavators	2	8	158	0.38
Grading	Graders	1	8	187	0.41
Grading	Rubber Tired Dozers	1	8	247	0.4
Grading	Scrapers	2	8	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8	97	0.37
Building Construction	Cranes	1	8	231	0.29
Building Construction	Forklifts	3	8	89	0.2
Building Construction	Generator Sets	1	8	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8	97	0.37
Building Construction	Welders	1	8	46	0.45
Architectural Coating	Air Compressors	1	8	78	0.48
Paving	Pavers	2	8	130	0.42
Paving	Paving Equipment	2	8	132	0.36
Paving	Rollers	2	8	80	0.38
PHASE 3					
Site Preparation	Rubber Tired Dozers	3	8	247	0.4
Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37
Grading	Excavators	2	8	158	0.38
Grading	Graders	1	8	187	0.41
Grading	Rubber Tired Dozers	1	8	247	0.4
Grading	Scrapers	2	8	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8	97	0.37
Building Construction	Cranes	1	8	231	0.29
Building Construction	Forklifts	3	8	89	0.2
Building Construction	Generator Sets	1	8	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8	97	0.37
Building Construction	Welders	1	8	46	0.45
Architectural Coating	Air Compressors	1	8	78	0.48
Paving	Pavers	2	8	130	0.42
Paving	Paving Equipment	2	8	132	0.36
Paving	Rollers	2	8	80	0.38

Trips and VMT

Phase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number
PHASE 1			
Demolition	15	0	16
Site Preparation	18	0	0
Grading	20	0	0
Building Construction	606	225	0
Architectural Coating	121	0	0
Paving	15	0	0
PHASE 2			
Site Preparation	18	0	0
Grading	20	0	0
Building Construction	466	175	0
Architectural Coating	93	0	0
Paving	15	0	0
PHASE 3			
Site Preparation	18	0	0
Grading	20	0	0
Building Construction	578	207	0
Architectural Coating	116	0	0
Paving	15	0	0

Ranch EIR Residential Project Construction Parameters

UTM:	606047.14	4201061.24	DPM, PM2.5 Total unmitigated
	607307.8	4201088.22	PM2.5 mitigated

Estimates of Chronic Non-Cancer Hazard Index (CNCHI)

Unmitigated

Chronic Non-Cancer Hazard Index at the Maximum Impacted Sensitive Receptor

Reference Exposure Level (REL) for DPM: 5 ug/m3

CNCHI = DPM/REL

X (m)	Y (m)	Average DPM (ug/m3)	Max DPM (ug/m3)	CNCHI
606047.14	4201061.24	0.003168556	0.0032	0.00063

Unmitigated

Annual PM2.5 Total (Exhaust + Fugitive Dust)

X (m)	Y (m)	Average PM2.5 Total (ug/m3)	Max PM2.5 (ug/m3)
606047.14	4201061.24	0.0047	0.0047

Mitigated

Chronic Non-Cancer Hazard Index at the Maximum Impacted Sensitive Receptor

Reference Exposure Level (REL) for DPM: 5 ug/m3

CNCHI = DPM/REL

X (m)	Y (m)	Average DPM (ug/m3)	Max DPM (ug/m3)	CNCHI
606047.14	4201061.24	0.00026	0.00026	0.00005

Mitigated

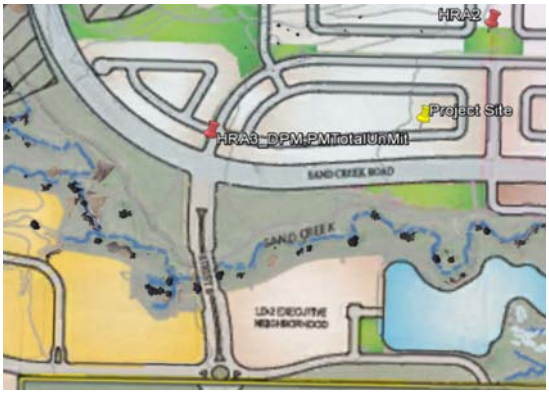
Annual PM2.5 Total (Exhaust + Fugitive Dust)

X (m)	Y (m)	Average PM2.5 Total (ug/m3)	Max PM2.5 (ug/m3)
606047.14	4201061.24	0.0011	0.0011

Mitigated

Annual PM2.5 Total (Exhaust + Fugitive Dust)

X (m)	Y (m)	Average PM2.5 Total (ug/m3)	Max PM2.5 (ug/m3)
607307.8	4201088.22	0.0028	0.0028


HRA2
Project Site
HRA3_DPM-PMTotalUnMit
SAND CREEK ROAD
SAND CREEK
LDN2 DISCIPLINE
NEIGHBORHOOD


HRA3_PMTotalMit
Wellness Way
Pocket Park
Village Center
Sandy Lake Ln
SandCreekRd

Updated for 3623.0007 The Ranch Residential Project
Construction-UMITIGATED

		$PM_{2.5}$ (Fugitive)	$PM_{2.5}$ (Exhaust)	$PM_{2.5}$ (Total)	
2021	on site demolition	0.00	0.01	0.01	2021
2021	off site demolition	0.00	0.00	0.00	2021
2021	Demolition	0.00	0.01	0.01	2021
2021	on site preparation	0.04	0.02	0.06	2021
2021	off site preparation	0.00	0.00	0.00	2021
2021	Site Preparation	0.05	0.02	0.06	2021
2021	on site grading	0.04	0.05	0.09	2021
2021	off site grading	0.00	0.00	0.00	2021
2021	Grading	0.04	0.05	0.09	2021
2021	on site building construction		0.03	0.03	2021
2021	off site building construction	0.05	0.00	0.05	2021
2021	Building Construction	0.05	0.03	0.08	2021
2022	on site building construction		0.11	0.11	2022
2022	off site building construction	0.22	0.01	0.23	2022
2022	Building Construction	0.22	0.11	0.34	2022
2023	on site building construction		0.07	0.07	2023
2023	off site building construction	0.18	0.00	0.18	2023
2023	Building Construction	0.18	0.08	0.26	2023
2023	on site architectural coating		0.00	0.00	2023
2023	off site architectural coating	0.00	0.00	0.00	2023
2023	Architectural Coating	0.00	0.00	0.01	2023
2023	on site paving		0.01	0.01	2023
2023	off site paving	0.00	0.00	0.00	2023
2023	Paving	0.00	0.01	0.01	2023
2024	on site preparation	0.05	0.01	0.06	2024
2024	off site preparation	0.00	0.00	0.00	2024
2024	Site Preparation	0.05	0.01	0.06	2024
2024	on site grading	0.05	0.04	0.08	2024
2024	off site grading	0.00	0.00	0.00	2024
2024	Grading	0.05	0.04	0.08	2024
2024	on site building construction		0.04	0.04	2024
2024	off site building construction	0.08	0.00	0.09	2024
2024	Building Construction	0.08	0.04	0.13	2024
2025	on site building construction		0.07	0.07	2025
2025	off site building construction	0.17	0.00	0.18	2025
2025	Building Construction	0.17	0.07	0.25	2025
2026	on site building construction		0.05	0.05	2026
2026	off site building construction	0.13	0.00	0.13	2026
2026	Building Construction	0.13	0.06	0.19	2026
2026	on site architectural coating		0.00	0.00	2026
2026	off site architectural coating	0.00	0.00	0.00	2026
2026	Architectural Coating	0.00	0.00	0.01	2026
2026	on site paving		0.01	0.01	2026
2026	off site paving	0.00	0.00	0.00	2026
2026	Paving	0.00	0.01	0.01	2026
2027	on site preparation	0.05	0.01	0.06	2027
2027	off site preparation	0.00	0.00	0.00	2027
2027	Site Preparation	0.05	0.01	0.06	2027
2027	on site grading	0.05	0.03	0.08	2027
2027	off site grading	0.00	0.00	0.00	2027
2027	Grading	0.05	0.03	0.08	2027

2027	on site building construction		0.03	0.03	2027
2027	off site building construction	0.10	0.00	0.10	2027
2027	Building Construction	0.10	0.04	0.13	2027
2028	on site building construction		0.07	0.07	2028
2028	off site building construction	0.21	0.00	0.21	2028
2028	Building Construction	0.21	0.07	0.28	2028
2029	on site building construction		0.05	0.05	2029
2029	off site building construction	0.17	0.00	0.17	2029
2029	Building Construction	0.17	0.06	0.22	2029
2029	on site architectural coating		0.00	0.00	2029
2029	off site architectural coating	0.01	0.00	0.01	2029
2029	Architectural Coating	0.01	0.00	0.01	2029
2029	on site paving		0.01	0.01	2029
2029	off site paving	0.00	0.00	0.00	2029
2029	Paving	0.00	0.01	0.01	2029
	Total	**1.61**	**0.76**	**2.37**	
	Am 30 years				

By Year From Above		$PM_{2.5}$ (Fugitive)	$PM_{2.5}$ (Exhaust)	$PM_{2.5}$ (Total)	By Year Fror
	2021	0.14	0.10	0.24	
	2022	0.22	0.11	0.34	
	2023	0.18	0.09	0.27	
	2024	0.18	0.09	0.27	
	2025	0.17	0.07	0.25	
	2026	0.14	0.07	0.20	
	2027	0.20	0.08	0.28	
	2028	0.21	0.07	0.28	
	2029	0.17	0.07	0.24	
Total		**1.61**	**0.76**	**2.37**	

By Year From CalEEMod Summary					By Year Fror
	2021	0.14	0.10	0.24	
	2022	0.22	0.11	0.34	
	2023	0.18	0.09	0.27	
	2024	0.18	0.09	0.27	
	2025	0.17	0.07	0.25	
	2026	0.14	0.07	0.20	
	2027	0.20	0.08	0.28	
	2028	0.21	0.07	0.28	
	2029	0.17	0.07	0.24	
Total		**1.61**	**0.76**	**2.37**	

DATE: 12.16.19

Construction-MITIGATED Tier 4 Final

	$PM_{2.5}$ (Fugitive)	$PM_{2.5}$ (Exhaust)	$PM_{2.5}$ (Total)
on site demolition	0.00	0.00	0.00
off site demolition	0.00	0.00	0.00
Demolition	0.00	0.00	0.00
on site preparation	0.04	0.00	0.05
off site preparation	0.00	0.00	0.00
Site Preparation	0.05	0.00	0.05
on site grading	0.04	0.00	0.05
off site grading	0.00	0.00	0.00
Grading	0.04	0.00	0.05
on site building construction		0.00	0.00
off site building construction	0.05	0.00	0.05
Building Construction	0.05	0.00	0.05
on site building construction		0.01	0.01
off site building construction	0.22	0.01	0.23
Building Construction	0.22	0.01	0.24
on site building construction		0.00	0.00
off site building construction	0.18	0.00	0.18
Building Construction	0.18	0.01	0.19
on site architectural coating		0.00	0.00
off site architectural coating	0.00	0.00	0.00
Architectural Coating	0.00	0.00	0.00
on site paving		0.00	0.00
off site paving	0.00	0.00	0.00
Paving	0.00	0.00	0.00
on site preparation	0.05	0.00	0.05
off site preparation	0.00	0.00	0.00
Site Preparation	0.05	0.00	0.05
on site grading	0.05	0.00	0.05
off site grading	0.00	0.00	0.00
Grading	0.05	0.00	0.05
on site building construction		0.00	0.00
off site building construction	0.08	0.00	0.09
Building Construction	0.08	0.01	0.09
on site building construction		0.01	0.01
off site building construction	0.17	0.00	0.18
Building Construction	0.17	0.01	0.18
on site building construction		0.00	0.00
off site building construction	0.13	0.00	0.13
Building Construction	0.13	0.01	0.14
on site architectural coating		0.00	0.00
off site architectural coating	0.00	0.00	0.00
Architectural Coating	0.00	0.00	0.00
on site paving		0.00	0.00
off site paving	0.00	0.00	0.00
Paving	0.00	0.00	0.00
on site preparation	0.05	0.00	0.05
off site preparation	0.00	0.00	0.00
Site Preparation	0.05	0.00	0.05
on site grading	0.05	0.00	0.05
off site grading	0.00	0.00	0.00
Grading	0.05	0.00	0.05

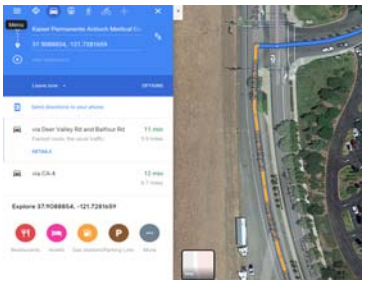
on site building construction		0.00	0.00
off site building construction	0.10	0.00	0.10
Building Construction	0.10	0.01	0.10
on site building construction		0.01	0.01
off site building construction	0.21	0.00	0.21
Building Construction	0.21	0.01	0.22
on site building construction		0.00	0.00
off site building construction	0.17	0.00	0.17
Building Construction	0.17	0.01	0.17
on site architectural coating		0.00	0.00
off site architectural coating	0.01	0.00	0.01
Architectural Coating	0.01	0.00	0.01
on site paving		0.00	0.00
off site paving	0.00	0.00	0.00
Paving	0.00	0.00	0.00
Total	**1.61**	**0.09**	**1.70**

Am 30 years

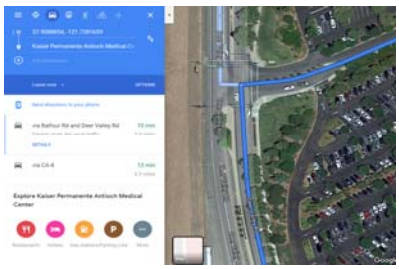
n Above		$PM_{2.5}$ (Fugitive)	$PM_{2.5}$ (Exhaust)	$PM_{2.5}$ (Total)
	2021	0.14	0.01	0.15
	2022	0.22	0.01	0.24
	2023	0.18	0.01	0.19
	2024	0.18	0.01	0.19
	2025	0.17	0.01	0.18
	2026	0.14	0.01	0.14
	2027	0.20	0.01	0.21
	2028	0.21	0.01	0.22
	2029	0.17	0.01	0.18
Total		**1.61**	**0.09**	**1.70**
n CalEEMod Summary				
	2021	0.14	0.01	0.15
	2022	0.22	0.02	0.24
	2023	0.18	0.01	0.19
	2024	0.18	0.01	0.19
	2025	0.17	0.01	0.18
	2026	0.14	0.01	0.14
	2027	0.20	0.01	0.21
	2028	0.21	0.01	0.22
	2029	0.17	0.01	0.18
Total		**1.61**	**0.09**	**1.70**

Ranch EIR Residential Project Construction Parameters

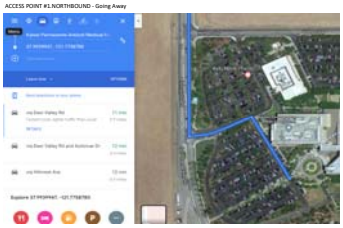
ACCESS POINT #1. SOUTH BOUND - Going Away



ACCESS POINT #1.SOUTH BOUND -Coming to site



ACCESS POINT #1.NORTHBOUND - Going Away

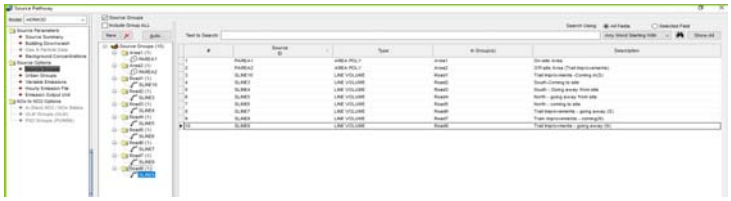


ACCESS POINT #1.NORTHBOUND - Coming to site

ACCESS POINT #2

The red lines are 1300 nfeet distance markers. Stopping at the next major intersection after 1300 feet.

Source ID	Description		Acres check		
1 PAREA1	Phase 1	583,150 sqm	143.8	583958.6	NOTE: Trip distribution for all on-site area roads and trail improvement roads is equal because the road has been traced(accounted for) twice whenever there is
2 PAREA2	Phase 2	277,645 sqm	73	295431	
3 PAREA2	Phase 3	539,359 sqm	135	546345	
			miles	Trip distribution	
4 SLINE1	ACCESS POINT #1. SOUTH BOUND - Going Away	1072 m	0.67	%	
5 SLINE2	ACCESS POINT #1.SOUTH BOUND -Coming to site	1086 m	0.67	%	
6 SLINE3	ACCESS POINT #1.NORTHBOUND - Going Away	1738.5 m	1.08	%	
7 SLINE4	ACCESS POINT #1.NORTHBOUND - Coming to site	1711.5 m	1.08	%	
8 SLINE5	ACCESS POINT #2. Going Away	627.1 m	0.39	%	
9 SLINE6	ACCESS POINT #2. Coming to site	625.9 m	0.39	%	Checking adding acres



C.3 - Additional Air Quality and Greenhouse Gas Supporting Information

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The Ranch EIR Project Construction Parameters

Construction Phase

PHASE 1

Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days
Demolition	Demolition	6/21/2021	7/2/2021	5	10
Site Preparation	Site Preparation	7/3/2021	7/30/2021	5	20
Grading	Grading	7/31/2021	10/13/2021	5	53
Building Construction	Building Construction	10/14/2021	10/20/2023	5	527
Architectural Coating	Architectural Coating	9/1/2023	10/23/2023	5	37
Paving	Paving	10/21/2023	12/12/2023	5	37

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8	81	0.73
Demolition	Excavators	3	8	158	0.38
Demolition	Rubber Tired Dozers	2	8	247	0.4
Site Preparation	Rubber Tired Dozers	3	8	247	0.4
Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37
Grading	Excavators	2	8	158	0.38
Grading	Graders	1	8	187	0.41
Grading	Rubber Tired Dozers	1	8	247	0.4
Grading	Scrapers	2	8	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8	97	0.37
Building Construction	Cranes	1	8	231	0.29
Building Construction	Forklifts	3	8	89	0.2
Building Construction	Generator Sets	1	8	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8	97	0.37
Building Construction	Welders	1	8	46	0.45
Architectural Coating	Air Compressors	1	8	78	0.48
Paving	Pavers	2	8	130	0.42
Paving	Paving Equipment	2	8	132	0.36
Paving	Rollers	2	8	80	0.38

Trips and VMT

Phase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number
Demolition	15	0	16

Site Preparation	18	0	0
Grading	20	0	0
Building Construction	606	225	0
Architectural Coating	121	0	0
Paving	15	0	0

PHASE 2

Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days
Site Preparation	Site Preparation	3/19/2024	4/16/2024	5	21
Grading	Grading	4/17/2024	7/5/2024	5	58
Building Construction	Building Construction	7/6/2024	10/7/2026	5	588
Architectural Coating	Architectural Coating	8/13/2026	10/7/2026	5	40
Paving	Paving	10/8/2026	12/2/2026	5	40

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8	247	0.4
Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37
Grading	Excavators	2	8	158	0.38
Grading	Graders	1	8	187	0.41
Grading	Rubber Tired Dozers	1	8	247	0.4
Grading	Scrapers	2	8	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8	97	0.37
Building Construction	Cranes	1	8	231	0.29
Building Construction	Forklifts	3	8	89	0.2
Building Construction	Generator Sets	1	8	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8	97	0.37
Building Construction	Welders	1	8	46	0.45
Architectural Coating	Air Compressors	1	8	78	0.48
Paving	Pavers	2	8	130	0.42
Paving	Paving Equipment	2	8	132	0.36
Paving	Rollers	2	8	80	0.38

Phase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number
Site Preparation	18	0	0
Grading	20	0	0
Building Construction	466	175	0
Architectural Coating	93	0	0
Paving	15	0	0

PHASE 3

Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days
Site Preparation	Site Preparation	3/22/2027	4/21/2027	5	23
Grading	Grading	4/22/2027	7/13/2027	5	59
Building Construction	Building Construction	7/14/2027	10/15/2029	5	589
Architectural Coating	Architectural Coating	8/17/2029	10/15/2029	5	42
Paving	Paving	10/16/2029	12/12/2029	5	42

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8	247	0.4
Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37
Grading	Excavators	2	8	158	0.38
Grading	Graders	1	8	187	0.41
Grading	Rubber Tired Dozers	1	8	247	0.4
Grading	Scrapers	2	8	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8	97	0.37
Building Construction	Cranes	1	8	231	0.29
Building Construction	Forklifts	3	8	89	0.2
Building Construction	Generator Sets	1	8	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8	97	0.37
Building Construction	Welders	1	8	46	0.45
Architectural Coating	Air Compressors	1	8	78	0.48
Paving	Pavers	2	8	130	0.42
Paving	Paving Equipment	2	8	132	0.36
Paving	Rollers	2	8	80	0.38

Phase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number
Site Preparation	18	0	0
Grading	20	0	0
Building Construction	578	207	0
Architectural Coating	116	0	0
Paving	15	0	0

Bay Area Air Quality Management District

Roadway Screening Analysis Calculator

County specific tables containing estimates of risk and hazard impacts from roadways in the Bay Area.

INSTRUCTIONS:

Input the site-specific characteristics of your project by using the drop down menu in the "Search Parameter" box. We recommend that this analysis be used for roadways with 10,000 AADT and above.

• County: Select the County where the project is located. The calculator is only applicable for projects within the nine Bay Area counties.

• Roadway Direction: Select the orientation that best matches the roadway. If the roadway orientation is neither clearly north-south nor east-west, use the highest values predicted from either orientation.

• Side of the Roadway: Identify on which side of the roadway the project is located.

• Distance from Roadway: Enter the distance in feet from the nearest edge of the roadway to the project site. The calculator estimates values for distances greater than 10 feet and less than 1000 feet. For distances greater than 1000 feet, the user can choose to extrapolate values using a distribution curve or apply 1000 feet values for greater distances.

• Annual Average Daily Traffic (ADT): Enter the annual average daily traffic on the roadway. These data may be collected from the city or the county (if the area is unincorporated).

When the user has completed the data entries, the screening level PM2.5 annual average concentration and the cancer risk results will appear in the Results Box on the right. Please note that the roadway tool is not applicable for California State Highways and the District refers the user to the Highway Screening Analysis Tool at: http://www.baaqmd.gov/Divisions/Planning-and-Research/CEQA-GUIDELINES/Tools-and-Methodology.aspx.

Notes and References listed below the Search Boxes

Search Parameters

County	Contra Costa	
Roadway Direction	North-South	
Side of the Roadway	West	
Distance from Roadway	10	feet
Annual Average Daily Traffic (ADT)	7,890	

Results

Contra Costa County

NORTH-SOUTH DIRECTIONAL ROADWAY

PM2.5 annual average

0.113 ($\mu g/m^3$)

Cancer Risk

4.42 (per million)

Data for Contra Costa County based on meteorological data collected from Chevron Refinery in 2005

Notes and References:

1. Emissions were developed using EMFAC2011 for fleet mix in 2014 assuming 10,000 AADT and includes impacts from diesel and gasoline vehicle exhaust, brake and tire wear, and resuspended dust.
2. Roadways were modeled using CALINE4 air dispersion model assuming a source length of one kilometer. Meteorological data used to estimate the screening values are noted at the bottom of the "Results" box.
3. Cancer risks were estimated for 70 year lifetime exposure starting in 2014 that includes sensitivity values for early life exposures and OEHHA toxicity values adopted in 2013.

Bay Area Air Quality Management District

Roadway Screening Analysis Calculator

County specific tables containing estimates of risk and hazard impacts from roadways in the Bay Area.

INSTRUCTIONS:

Input the site-specific characteristics of your project by using the drop down menu in the "Search Parameter" box. We recommend that this analysis be used for roadways with 10,000 AADT and above.

• County: Select the County where the project is located. The calculator is only applicable for projects within the nine Bay Area counties.

• Roadway Direction: Select the orientation that best matches the roadway. If the roadway orientation is neither clearly north-south nor east-west, use the highest values predicted from either orientation.

• Side of the Roadway: Identify on which side of the roadway the project is located.

• Distance from Roadway: Enter the distance in feet from the nearest edge of the roadway to the project site. The calculator estimates values for distances greater than 10 feet and less than 1000 feet. For distances greater than 1000 feet, the user can choose to extrapolate values using a distribution curve or apply 1000 feet values for greater distances.

• Annual Average Daily Traffic (ADT): Enter the annual average daily traffic on the roadway. These data may be collected from the city or the county (if the area is unincorporated).

When the user has completed the data entries, the screening level PM2.5 annual average concentration and the cancer risk results will appear in the Results Box on the right. Please note that the roadway tool is not applicable for California State Highways and the District refers the user to the Highway Screening Analysis Tool at: http://www.baaqmd.gov/Divisions/Planning-and-Research/CEQA-GUIDELINES/Tools-and-Methodology.aspx.

Notes and References listed below the Search Boxes

Search Parameters

County	Contra Costa	
Roadway Direction	North-South	
Side of the Roadway	West	
Distance from Roadway	10	feet
Annual Average Daily Traffic (ADT)	15,120	

Results

Contra Costa County

NORTH-SOUTH DIRECTIONAL ROADWAY

PM2.5 annual average

0.216 ($\mu g/m^3$)

Cancer Risk

8.48 (per million)

Data for Contra Costa County based on meteorological data collected from Chevron Refinery in 2005

Notes and References:

1. Emissions were developed using EMFAC2011 for fleet mix in 2014 assuming 10,000 AADT and includes impacts from diesel and gasoline vehicle exhaust, brake and tire wear, and resuspended dust.
2. Roadways were modeled using CALINE4 air dispersion model assuming a source length of one kilometer. Meteorological data used to estimate the screening values are noted at the bottom of the "Results" box.
3. Cancer risks were estimated for 70 year lifetime exposure starting in 2014 that includes sensitivity values for early life exposures and OEHHA toxicity values adopted in 2013.

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C.4 - Energy Supporting Information

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Summary of Energy Use During Construction		(Annually)
Construction off-site vehicle fuel	633,892	gallons (gasoline, diesel)
Construction on-site equipment fuel	288,268	gallons (diesel)
Construction office electricity	108,891	kilowatt hours

Summary of Energy Use During Operations		(Annually)
Operation vehicle fuel	734,731	gallons (gasoline, diesel)
Operation natural gas	32,836,120	kilo-British Thermal Units
Operation electricity	9,878,492	kilowatt hours

Construction Vehicle Fuel Calculations

California Air Resource Board (ARB). 2019. EMFAC2014 Web Database. Website: https://www.arb.ca.gov/emfac/2014/. Accessed December 16, 2019.

VMT = Vehicle Miles Traveled
FE = Fuel Economy

EMFAC2014 (v1.0.7) Emissions Inventory
Region Type: County
Region: Contra Costa
Calendar Year: 2021
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Given									*Calculations*	
Region	CalYr	VehClass	MdlYr	Speed	Fuel	Population	VMT	Fuel_Consumption	FE (mi/gallon)	VMT*FE
Contra Costa	2021	HHDT	Aggregated	Aggregated	GAS	35.49410612	4801.890157	1.009961892	4.754526	22830.712
Contra Costa	2021	HHDT	Aggregated	Aggregated	DSL	4335.879651	595909.4323	101.6563277	5.862	3493221.321
Contra Costa	2021	LDA	Aggregated	Aggregated	GAS	380337.661	14006557.71	465.5672715	30.08493	421386276.4
Contra Costa	2021	LDA	Aggregated	Aggregated	DSL	4254.054347	160879.0454	4.201197939	38.29361	6160639.805
Contra Costa	2021	LDT1	Aggregated	Aggregated	GAS	28059.67855	986241.0891	38.94179415	25.32603	24977572.48
Contra Costa	2021	LDT1	Aggregated	Aggregated	DSL	28.09689616	670.3359452	0.022756172	29.45732	19746.30347
Contra Costa	2021	LDT2	Aggregated	Aggregated	GAS	118240.0747	4687318.748	207.9269946	22.5431	105666688.9
Contra Costa	2021	LDT2	Aggregated	Aggregated	DSL	202.7826401	8986.088558	0.300265337	29.92716	268928.1034
Contra Costa	2021	LHDT1	Aggregated	Aggregated	GAS	7047.187186	209041.8735	21.64786105	9.656468	2018606.124
Contra Costa	2021	LHDT1	Aggregated	Aggregated	DSL	6553.455705	224792.1488	12.83678031	17.51157	3936462.957
Contra Costa	2021	LHDT2	Aggregated	Aggregated	GAS	1029.631179	38838.39532	4.379034379	8.869169	344464.2862
Contra Costa	2021	LHDT2	Aggregated	Aggregated	DSL	2257.238747	89485.07633	5.633193318	15.88532	1421499.038
Contra Costa	2021	MHDT	Aggregated	Aggregated	GAS	712.6758445	38848.25506	5.988409111	6.487241	252018.0057
Contra Costa	2021	MHDT	Aggregated	Aggregated	DSL	4714.43802	229129.245	27.6091001	8.299048	1901554.587

Worker Trips		
Sum of VMT*FE	**558479851.9**	
Total VMT	**19850653.02**	
Weighted Average FE	**28.13407959**	**miles/gallon**
Vendor		
Sum of VMT*FE	**13390657.03**	
Total VMT	**1430846.317**	
Weighted Average FE	**9.358557153**	**miles/gallon**
Haul		
Sum of VMT*FE	**3516052.033**	
Total VMT	**600711.3225**	
Weighted Average FE	**5.853147596**	**miles/gallon**

Construction Assumptions

Source: AQ/GHG Appendix

Phase 1

Trips and VMT	Trips per Day		Total Trips					Trips per Phase			VMT per Phase			Fuel Consumption (gallons)		
Phase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Num Days	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trips	Vendor Trips	Hauling Trips	Worker Trips	Vendor Trips	Hauling Trips
Demolition	15	0	16	10.8	7.3	20	10	150	0	16	1,620	0	320	57.58	0.00	54.67
Site Preparation	18	0	0	10.8	7.3	20	20	360	0	0	3,888	0	0	138.20	0.00	0.00
Grading	20	0	0	10.8	7.3	20	53	1,060	0	0	11,448	0	0	406.91	0.00	0.00
Building Construction	606	225	0	10.8	7.3	20	527	319,362	118,575	0	3,449,110	865,598	0	122,595.43	92,492.62	0.00
Architectural Coating	121	0	0	10.8	7.3	20	37	4,477	0	0	48,352	0	0	1,718.61	0.00	0.00
Paving	15	0	0	10.8	7.3	20	37	555	0	0	5,994	0	0	213.05	0.00	0.00

Phase 1 Construction VMT (miles)

4,386,329

Phase 1 Fuel Consumption (gallons)

217,677

Phase 2

Trips and VMT	Trips per Day		Total Trips					Trips per Phase			VMT per Phase			Fuel Consumption (gallons)		
Phase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Num Days	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trips	Vendor Trips	Hauling Trips	Worker Trips	Vendor Trips	Hauling Trips
Site Preparation	18	0	0	10.8	7.3	20	21	378	0	0	4,082	0	0	145.11	0.00	0.00
Grading	20	0	0	10.8	7.3	20	58	1,160	0	0	12,528	0	0	445.30	0.00	0.00
Building Construction	466	175	0	10.8	7.3	20	588	274,008	102,900	0	2,959,286	751,170	0	105,185.12	80,265.58	0.00
Architectural Coating	93	0	0	10.8	7.3	20	40	3,720	0	0	40,176	0	0	1,428.02	0.00	0.00
Paving	15	0	0	10.8	7.3	20	40	600	0	0	6,480	0	0	230.33	0.00	0.00

Phase 2 Construction VMT (miles)

3,773,723

Phase 2 Fuel Consumption (gallons)

187,699

Phase 3

Trips and VMT	Trips per Day		Total Trips					Trips per Phase			VMT per Phase			Fuel Consumption (gallons)		
Phase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Num Days	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trips	Vendor Trips	Hauling Trips	Worker Trips	Vendor Trips	Hauling Trips
Site Preparation	18	0	0	10.8	7.3	20	23	414	0	0	4,471	0	0	158.92	0.00	0.00
Grading	20	0	0	10.8	7.3	20	59	1,180	0	0	12,744	0	0	452.97	0.00	0.00
Building Construction	578	207	0	10.8	7.3	20	589	340,442	121,923	0	3,676,774	890,038	0	130,687.54	95,104.18	0.00
Architectural Coating	116	0	0	10.8	7.3	20	42	4,872	0	0	52,618	0	0	1,870.24	0.00	0.00
Paving	15	0	0	10.8	7.3	20	42	630	0	0	6,804	0	0	241.84	0.00	0.00

Phase 3 Construction VMT (miles)

4,643,448

Phase 3 Fuel Consumption (gallons)

228,516

Total Project Construction Off-Site Vehicles:

Total Construction VMT (miles)

12,803,500

Total Fuel Consumption (gallons)

633,892

Construction Equipment Fuel Calculation

Phase 1

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor	Number of Days	HP Hours	Diesel Fuel Usage
Demolition	Concrete/Industrial Saws	1	8	81	0.73	10	4,730.40	236.52
Demolition	Excavators	3	8	158	0.38	10	14,409.60	720.48
Demolition	Rubber Tired Dozers	2	8	247	0.4	10	15,808.00	790.40
Site Preparation	Rubber Tired Dozers	3	8	247	0.4	20	47,424.00	2,371.20
Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37	20	22,969.60	1,148.48
Grading	Excavators	2	8	158	0.38	53	50,913.92	2,545.70
Grading	Graders	1	8	187	0.41	53	32,508.08	1,625.40
Grading	Rubber Tired Dozers	1	8	247	0.4	53	41,891.20	2,094.56
Grading	Scrapers	2	8	367	0.48	53	149,383.68	7,469.18
Grading	Tractors/Loaders/Backhoes	2	8	97	0.37	53	30,434.72	1,521.74
Building Construction	Cranes	1	8	231	0.29	527	282,429.84	14,121.49
Building Construction	Forklifts	3	8	89	0.2	527	225,134.40	11,256.72
Building Construction	Generator Sets	1	8	84	0.74	527	262,066.56	13,103.33
Building Construction	Tractors/Loaders/Backhoes	3	8	97	0.37	527	453,936.72	22,696.84
Building Construction	Welders	1	8	46	0.45	527	87,271.20	4,363.56
Architectural Coating	Air Compressors	1	8	78	0.48	37	11,082.24	554.11
Paving	Pavers	2	8	130	0.42	37	32,323.20	1,616.16
Paving	Paving Equipment	2	8	132	0.36	37	28,131.84	1,406.59
Paving	Rollers	2	8	80	0.38	37	17,996.80	899.84
						Phase 1 Construction Equipment Fuel Consumption		**90,542.30 gallons**

Phase 2

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor	Number of Days	HP Hours	Diesel Fuel Usage
Site Preparation	Rubber Tired Dozers	3	8	247	0.4	21	49,795.20	2,489.76
Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37	21	24,118.08	1,205.90
Grading	Excavators	2	8	158	0.38	58	55,717.12	2,785.86
Grading	Graders	1	8	187	0.41	58	35,574.88	1,778.74
Grading	Rubber Tired Dozers	1	8	247	0.4	58	45,843.20	2,292.16
Grading	Scrapers	2	8	367	0.48	58	163,476.48	8,173.82
Grading	Tractors/Loaders/Backhoes	2	8	97	0.37	58	33,305.92	1,665.30
Building Construction	Cranes	1	8	231	0.29	588	315,120.96	15,756.05
Building Construction	Forklifts	3	8	89	0.2	588	251,193.60	12,559.68
Building Construction	Generator Sets	1	8	84	0.74	588	292,400.64	14,620.03
Building Construction	Tractors/Loaders/Backhoes	3	8	97	0.37	588	506,479.68	25,323.98
Building Construction	Welders	1	8	46	0.45	588	97,372.80	4,868.64
Architectural Coating	Air Compressors	1	8	78	0.48	40	11,980.80	599.04
Paving	Pavers	2	8	130	0.42	40	34,944.00	1,747.20
Paving	Paving Equipment	2	8	132	0.36	40	30,412.80	1,520.64
Paving	Rollers	2	8	80	0.38	40	19,456.00	972.80
						Phase 2 Construction Equipment Fuel Consumption		**98,359.61 gallons**

Phase 3

Site Preparation	Rubber Tired Dozers	3	8	247	0.4	23	54,537.60	2,726.88
Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37	23	26,415.04	1,320.75
Grading	Excavators	2	8	158	0.38	59	56,677.76	2,833.89
Grading	Graders	1	8	187	0.41	59	36,188.24	1,809.41
Grading	Rubber Tired Dozers	1	8	247	0.4	59	46,633.60	2,331.68
Grading	Scrapers	2	8	367	0.48	59	166,295.04	8,314.75
Grading	Tractors/Loaders/Backhoes	2	8	97	0.37	59	33,880.16	1,694.01
Building Construction	Cranes	1	8	231	0.29	589	315,656.88	15,782.84

Building Construction	Forklifts	3	8	89	0.2	589	251,620.80	12,581.04
Building Construction	Generator Sets	1	8	84	0.74	589	292,897.92	14,644.90
Building Construction	Tractors/Loaders/Backhoes	3	8	97	0.37	589	507,341.04	25,367.05
Building Construction	Welders	1	8	46	0.45	589	97,538.40	4,876.92
Architectural Coating	Air Compressors	1	8	78	0.48	42	12,579.84	628.99
Paving	Pavers	2	8	130	0.42	42	36,691.20	1,834.56
Paving	Paving Equipment	2	8	132	0.36	42	31,933.44	1,596.67
Paving	Rollers	2	8	80	0.38	42	20,428.80	1,021.44
							Phase 3 Construction Equipment Fuel Consumption	**99,365.79 gallons**
							Total Project Construction Equipment Fuel Consumption	**288,267.70 gallons**

Notes:

Equipment assumptions are consistent with those used to estimate GHG emissions (see CalEEMod output files).

Fuel usage estimate of 0.05 gallons of diesel fuel per horsepower-hour is from the SCAQMD CEQA Air Quality Handbook, Table A9-3E.

South Coast Air Quality Management District. 1993. Air Quality Handbook, Table A9-3E.

Website: http://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook. Accessed December 4, 2019.

Construction Schedule

Phase 1

The Ranch Construction Phase 1 - Contra Costa County, Annual

Date: 12/12/2019 3:02 PM

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days
1	Demolition	Demolition	6/21/2021	7/2/2021	5	10
2	Site Preparation	Site Preparation	7/3/2021	7/30/2021	5	20
3	Grading	Grading	7/31/2021	10/13/2021	5	53
4	Building Construction	Building Construction	10/14/2021	10/20/2023	5	527
5	Architectural Coating	Architectural Coating	9/1/2023	10/23/2023	5	37
6	Paving	Paving	10/21/2023	12/12/2023	5	37

Phase 2

The Ranch Construction Phase 2 - Contra Costa County, Annual

Date: 12/12/2019 11:08 AM

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days
1	Site Preparation	Site Preparation	3/19/2024	4/16/2024	5	21
2	Grading	Grading	4/17/2024	7/5/2024	5	58
3	Building Construction	Building Construction	7/6/2024	10/7/2026	5	588
4	Architectural Coating	Architectural Coating	8/13/2026	10/7/2026	5	40
5	Paving	Paving	10/8/2026	12/2/2026	5	40

Phase 3

The Ranch Construction Phase 3 - Contra Costa County, Annual

Date: 12/12/2019 11:18 AM

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days
1	Site Preparation	Site Preparation	3/22/2027	4/21/2027	5	23
2	Grading	Grading	4/22/2027	7/13/2027	5	59
3	Building Construction	Building Construction	7/14/2027	10/15/2029	5	589
4	Architectural Coating	Architectural Coating	8/17/2029	10/15/2029	5	42
5	Paving	Paving	10/16/2029	12/12/2029	5	42

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Construction Office Electricity Calculation

Energy Appendix: CalEEMod Typical Construction Trailer

Typical Construction Trailer - Contra Costa County, Annual

Date: 12/18/2019 8:41 AM

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	12837.6	2.2748	1.7000e-004	3.0000e-005	2.2894
Total		**2.2748**	**1.7000e-004**	**3.0000e-005**	**2.2894**

kWh/yr = kilowatt hours per year

Energy by Land Use - Electricity

Annual	12,837.6	kWh/yr
Total Over Construction	**108,890.985**	**kWh**

Total Construction Schedule	
Start	6/21/21
End	12/12/29
Total Calender Days	3096
Years	8.48

Operation Fuel Calculation

California Air Resource Board (ARB). 2019. EMFAC2014 Web Database. Website: https://www.arb.ca.gov/emfac/2014/. Accessed December 16, 2019.

EMFAC2014 (v1.0.7) Emissions Inventory
Region Type: County
Region: Contra Costa
Calendar Year: 2029
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

VMT = Vehicle Miles Traveled
FE = Fuel Economy

Given									*Calculations*	
Region	CalYr	VehClass	MdlYr	Speed	Fuel	Population	VMT	Fuel Consumption	FE	VMT*FE
Contra Costa	2029	HHDT	Aggregated	Aggregated	GAS	46.4801345	6237.41238	1.249844915	4.990549	31128.11252
Contra Costa	2029	HHDT	Aggregated	Aggregated	DSL	5014.14655	700860.789	109.4822637	6.401592	4486624.852
Contra Costa	2029	LDA	Aggregated	Aggregated	GAS	416130.257	14375328.5	380.2413246	37.8058	543470835.8
Contra Costa	2029	LDA	Aggregated	Aggregated	DSL	5345.97877	190039.848	3.962043016	47.96511	9115283.164
Contra Costa	2029	LDT1	Aggregated	Aggregated	GAS	26761.0041	953153.079	28.39566249	33.56685	31994350.97
Contra Costa	2029	LDT1	Aggregated	Aggregated	DSL	15.0805049	520.520959	0.012278544	42.39273	22066.30303
Contra Costa	2029	LDT2	Aggregated	Aggregated	GAS	131672.68	5001483.4	167.5416475	29.85218	149305182.4
Contra Costa	2029	LDT2	Aggregated	Aggregated	DSL	279.455682	10858.4709	0.286262342	37.93189	411882.2917
Contra Costa	2029	LHDT1	Aggregated	Aggregated	GAS	4749.07829	135651.968	13.59895337	9.975177	1353152.402
Contra Costa	2029	LHDT1	Aggregated	Aggregated	DSL	6138.89184	202870.939	10.94932218	18.52817	3758827.916
Contra Costa	2029	LHDT2	Aggregated	Aggregated	GAS	1020.62063	38200.9385	4.140589377	9.225966	352440.5747
Contra Costa	2029	LHDT2	Aggregated	Aggregated	DSL	2471.6763	93561.5993	5.55203568	16.85176	1576678.064
Contra Costa	2029	MCY	Aggregated	Aggregated	GAS	18931.0361	139393.576	3.769441927	36.9799	5154760.163
Contra Costa	2029	MDV	Aggregated	Aggregated	GAS	83915.4938	2897700.78	134.3200284	21.57311	62512418.48
Contra Costa	2029	MDV	Aggregated	Aggregated	DSL	1929.28223	74610.1472	2.595638749	28.74443	2144625.889
Contra Costa	2029	MH	Aggregated	Aggregated	GAS	1661.01235	14134.7746	2.062998317	6.851569	96845.37924
Contra Costa	2029	MH	Aggregated	Aggregated	DSL	484.279015	4121.90178	0.418399158	9.851602	40607.33381
Contra Costa	2029	MHDT	Aggregated	Aggregated	GAS	856.545411	46657.679	6.978151202	6.686252	311965.01
Contra Costa	2029	MHDT	Aggregated	Aggregated	DSL	5813.3186	247914.049	29.00909498	8.54608	2118693.315
Contra Costa	2029	OBUS	Aggregated	Aggregated	GAS	476.344617	26296.9621	3.879789123	6.777936	178239.1239
Contra Costa	2029	OBUS	Aggregated	Aggregated	DSL	275.904352	18795.9386	2.525923644	7.441214	139864.6037
Contra Costa	2029	SBUS	Aggregated	Aggregated	GAS	130.509675	6196.41824	0.513315281	12.07137	74799.25177
Contra Costa	2029	SBUS	Aggregated	Aggregated	DSL	1749.83143	66229.2979	8.957772226	7.393501	489666.3807
Contra Costa	2029	UBUS	Aggregated	Aggregated	GAS	152.766216	21526.4159	4.212973513	5.109554	109990.3855
Contra Costa	2029	UBUS	Aggregated	Aggregated	DSL	147.75659	20820.5053	4.422599568	4.707753	98017.79094

	Vehicles	
Sum of VMT*FE	**819348945.9**	
Total VMT	**25293165.95**	
Weighted Average FE	**32.39408414**	**miles/gallon**

Total VMT
Source: AQ/GHG Appendix, CalEEMod Output
The Ranch Operational Buildout - Contra Costa County, Annual
Date: 12/16/2019 12:06 PM

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Government Office Building	19.99	19.99	19.99	34,286	34,286
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	8,930.00	8,930.00	8930.00	20,624,792	20,624,792
Strip Mall	2,040.12	2,040.12	2040.12	3,141,852	3,141,852
Total	10,990.11	10,990.11	10,990.11	23,800,931	23,800,931

	VMT	Fuel Consumption
Vehicles	23,800,931	734,731
Total	**23,800,931**	**734,731**

Total VMT	**23,800,931**	**miles**
Fuel consumption	**734,731**	**gallons per year**

Operation Natural Gas Use

Source: AQ/GHG Appendix, CalEEMod Output
The Ranch Operational Buildout - Contra Costa County, Annual
Date: 12/16/2019 12:06 PM

kBTU/yr = kilo-British Thermal Units/year
CF = cubic feet

	kBTU/yr				
Government Office Building	242,440		Dwellings	kBTU/yr	
Single Family Housing	32,465,700		1,177	**27,583**	**per dwelling**
Strip Mall	127,980				
Total	**32,836,120**	**kBTU/yr**			

Conversion from kBTU/yr to CF/yr
Abraxas. 2019. Energy Conversion Calculator.

Website: https://www.abraxasenergy.com/energy-resources/toolbox/conversion-calculators/energ[illegible]er 16, 2019.

Equivalency:

32,836,120 kBTU/yr
32,192,275 CF/yr natural gas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Government Office Building	242440	1.3100e-003	0.0119	9.9800e-003	7.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	12.9375	12.9375	2.5000e-004	2.4000e-004	13.0144
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.24657e+007	0.1751	1.4960	0.6366	9.5500e-003		0.1210	0.1210		0.1210	0.1210	0.0000	1,732.4937	1,732.4937	0.0332	0.0318	1,742.7890
Strip Mall	127980	6.9000e-004	6.2700e-003	5.2700e-003	4.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004	0.0000	6.8295	6.8295	1.3000e-004	1.3000e-004	6.8701
Total		**0.1771**	**1.5141**	**0.6518**	**9.6600e-003**		**0.1223**	**0.1223**		**0.1223**	**0.1223**	**0.0000**	**1,752.2607**	**1,752.2607**	**0.0336**	**0.0321**	**1,762.6735**

Typical Construction Trailer

Contra Costa County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	0.72	1000sqft	0.02	720.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2021
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	390.65	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Typical construction trailer for estimate of energy usage

Land Use - 12'x60' single-wide unit (720 sq ft)

Construction Phase - Typical construction trailer for energy use estimates - estimates would be included in the operational component of the results

Off-road Equipment - Zeroed out construction equipment

Trips and VMT -

Architectural Coating -

Vehicle Trips - Zeroed out off-site trips

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Consumer Products -

Area Coating -

Landscape Equipment -

Energy Use -

Water And Wastewater -

Area Mitigation -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblProjectCharacteristics	CO2IntensityFactor	641.35	390.65

2.0 Emissions Summary

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2.2748	2.2748	1.7000e-004	3.0000e-005	2.2894
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2.2748	2.2748	1.7000e-004	3.0000e-005	2.2894
NaturalGas Mitigated	6.0000e-005	5.8000e-004	4.9000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.6290	0.6290	1.0000e-005	1.0000e-005	0.6327
NaturalGas Unmitigated	6.0000e-005	5.8000e-004	4.9000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.6290	0.6290	1.0000e-005	1.0000e-005	0.6327

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	11786.4	6.0000e-005	5.8000e-004	4.9000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.6290	0.6290	1.0000e-005	1.0000e-005	0.6327
Total		**6.0000e-005**	**5.8000e-004**	**4.9000e-004**	**0.0000**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.6290**	**0.6290**	**1.0000e-005**	**1.0000e-005**	**0.6327**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	11786.4	6.0000e-005	5.8000e-004	4.9000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.6290	0.6290	1.0000e-005	1.0000e-005	0.6327
Total		**6.0000e-005**	**5.8000e-004**	**4.9000e-004**	**0.0000**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.6290**	**0.6290**	**1.0000e-005**	**1.0000e-005**	**0.6327**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	12837.6	2.2748	1.7000e-004	3.0000e-005	2.2894
Total		**2.2748**	**1.7000e-004**	**3.0000e-005**	**2.2894**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	12837.6	2.2748	1.7000e-004	3.0000e-005	2.2894
Total		**2.2748**	**1.7000e-004**	**3.0000e-005**	**2.2894**

Operation Electricity Use

Source: AQ/GHG Appendix, CalEEMod Output
The Ranch Operational Buildout - Contra Costa County, Annual
Date: 12/16/2019 12:06 PM

kWh/yr = kilowatt hours per year

Land Use	Electricity Use (kWh/yr)			
Government Office Building	264,062	Dwellings	kWh/year	
Single Family Housing	9,037,170	1,177	**7,678**	**per dwelling**
Strip Mall	577,260			
Total	**9,878,492**	**kWh/yr**		

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Government Office Building	264062	58.8882	2.6400e-003	6.0000e-004	59.1325
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	9.03717e+006	2,015.3667	0.0902	0.0205	2,023.7290
Strip Mall	577260	128.7340	5.7600e-003	1.3100e-003	129.2682
Total		**2,202.9889**	**0.0986**	**0.0224**	**2,212.1297**